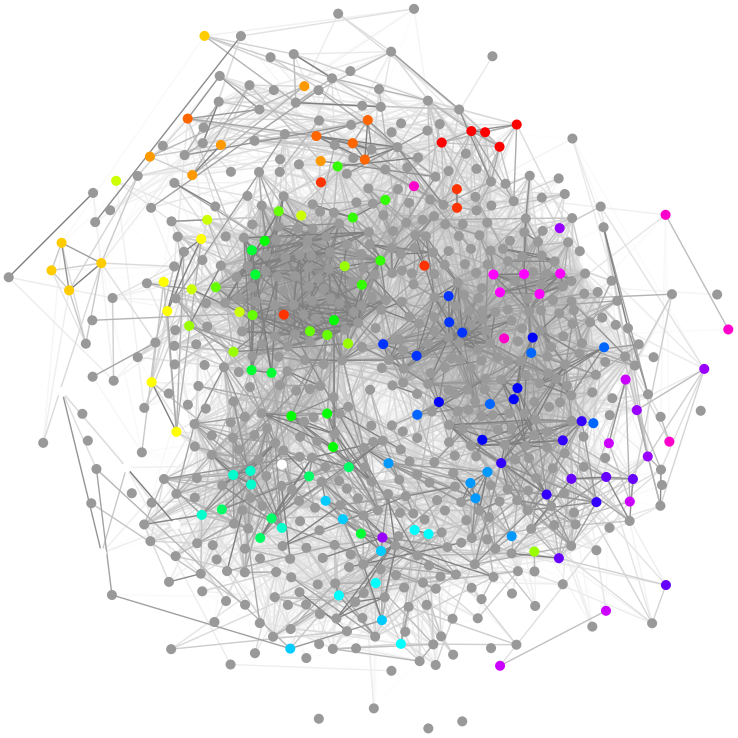


The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model

David M. Condon

First posted: November 5, 2016
Draft dated: March 13, 2017

(Life's Rich Pageant)

Preface

> "Do the best you can until you know better. Then when you know better, do better."
> — *Maya Angelou*

This project has its roots in a realization that occurred to me at the beginning of graduate school: self-report personality assessment kinda sucks. Not profound, I know, but hard to deny. The most widely-used measure — the MBTI® (Myers et al., 1998) — is not at all supported by the scientific community. The MMPI® (Butcher, 2001), which is widely used in clinical settings, has been around for several decades but does not correspond much with current scientific theories of personality structure in non-clinical populations. Even the NEO-PI-R™(McCrae and Costa, 2010), which has been demonstrated to have broad ecological validity across hundreds of scientific studies, still has some serious issues. First, it's proprietary and the copyright status of the test limits its utility for big data applications — I can't afford to administer it online to tens of thousands of people every year. Even if I could, I wouldn't because I can't re-use the items or revise the structure of the test. For that matter, I can't even find many details about the methods used to create it. Where did the items come from? Did the authors write them or were they lifted from other measures? Why were they written that way? What items, if any, didn't make the cut and why? Were the items written before the model was identified or was the model empirically-derived? None of this is clear[1] and I don't view that as sufficiently scientific.

Since the beginning of grad school, I have changed my mind a little as I have learned more about the available options. Several good alternatives exist in the public-domain and a few of these have become widely-used.[2] Scientists from many other fields have begun to include these personality assessments in their own research because they increasingly acknowledge the influence of personality on a diverse range of outcomes. These developments suggest to me that there is a growing belief outside of our field that personality can be reasonably well-measured by existing public-domain tools. Yet, I remain concerned because I don't see how we can improve upon current measurement models without explicit documentation of the methods used to create them. Over the last twenty-five years, several new set of scales have been introduced to the field even though the underlying theory of assessment hasn't really changed (the theory being that there are five or maybe six parsimonious dimensions of personality that are worth measuring). Most of these have been foisted into the literature whole cloth, with little discussion of the effect of the many methodological decisions made along the way. This doesn't feel like iterative science to me because each new set of measures uses different *and often freshly-written* sets of items, without explanation or documentation.[3] Goldberg (1999) implored us to do better 17 years ago when he released the International Personality Item Pool, but few have tried (Ashton et al., 2004; DeYoung et al., 2007; Soto and John, 2016).

So, I have tried to do better — if only a little — on two fronts. First, by "empirically" (rather than rationally) identifying hierarchically organized personality scales using existing public-domain personality items. This involved administration of about 700 of the most commonly-used IPIP items to 3 big samples (total N = 126,884) using synthetic aperture sampling procedures. This was not quite as exhaustive as we need, as a field, but it is a substantial improvement upon prior attempts. I am optimistic that these same methods (of sampling and analyses) will someday enable the collection of data on many thousands of items in several languages with millions of participants and I expect that the results of such a project will obviate those reported here. I would embrace this as a milestone of iterative science.

Second, I have attempted to encourage iteration by being fully transparent. I documented all steps in the development of these scales and described the rationale/criteria for each decision. Given the time required (not to mention the length of this document), it's possible that I have gone too far. We'll see. The power of this transparency will be realized if other personality researchers contribute to the improvement of this measurement model by making fully transparent revisions, by sharing empirical evidence that relates personality *items* to one another and the outcomes they predict. I know this sounds daunting but the

[1] I haven't been able to find publicly-available documentation.

[2] Virtually all of these are related in one way or another to the work of Lew Goldberg and his many collaborators, whose contributions to personality assessment have been inspirational to me over the last several years.

[3] Again, Goldberg's work is a notable exception. His exemplary papers on Big Five factor structure (Goldberg, 1992, 1990) included several tables with item-level data and instructions for contacting the author (by mail!) for more information.

challenges will decrease over time as the protocols for sharing data and methods continue to improve. And the rewards will warrant the effort — we won't have to start from scratch anymore. As a field, we will iterate more rapidly towards an assessment model that doesn't suck at all.[4]

Technical comments on reproducibility and formatting

This document is structured more like a monograph than a standard manuscript or a supplementary materials file. It does not adhere to the traditional APA format for research articles and, while it may be referenced heavily by one or more related manuscripts, it is intended to stand independently on its own. It is also a reproducible research document; it includes all of the statistical code I used during the project, from start to finish. While I recognize that this may be distracting to readers who are not trained in psychometrics or who are unfamiliar with the software I used to run this code (`R`), I have decided that this is an acceptable trade-off if it increases reproducibility and encourages iteration.

If you would like to reproduce this work, begin by downloading the accompanying data files at `http://dx.doi.org/10.7910/DVN/SD7SVE` (the Exploratory sample), `http://dx.doi.org/10.7910/DVN/GU7OEV` (the Replication sample), `http://dx.doi.org/10.7910/DVN/TZJGAT` (the Confirmatory sample), and `http://dx.doi.org/10.7910/DVN/Y72Z1J` (the Supplementary Materials). More information about the data files is given as needed in each of the relevant sections of this document.

Once the data have been downloaded, it should be possible to reproduce the published results by using the `R` code in the ".rnw" version of this document (this includes several analyses which have been suppressed in the compiled PDF version for the sake of readability). The code can either be executed manually in `R` or by compiling the file with Knitr (Xie, 2015) or Sweave (Leisch, 2002). The current PDF version was compiled using Knitr in RStudio (Gandrud, 2015) on March 13, 2017. It mainly uses R version 3.3.2 (2016-10-31) (R Core Team, 2016a) and psych version 1.7.2 (Revelle, 2016). Several other `R` packages were used as needed for specific tasks; the names and version numbers are listed in Table 1.

Package	Version
fields (Douglas Nychka et al., 2015)	8.4-1
ggplot2 (Wickham, 2009)	2.1.0
grid (R Core Team, 2016b)	3.3.2
koRpus (Michalke, 2016)	0.06-5
lavaan (Rosseel, 2012a)	0.5-22
maps (code by Richard A. Becker et al., 2016)	3.1.1
mgcv (Wood, 2011)	1.8-14
multicon (Sherman, 2015)	1.6
parallel (R Core Team, 2016b)	3.3.2
plyr (Wickham, 2011)	1.8.4
psych (Revelle, 2016)	1.7.2
qgraph (Epskamp et al., 2012)	1.3.5
RColorBrewer (Neuwirth, 2014)	1.1-2
rworldmap (South, 2011)	1.3-6
semPlot (Epskamp, 2014)	1.0.1
semTools (semTools Contributors, 2016)	0.4-12
spam (Gerber and Furrer, 2015)	1.4-0
tidyr (Wickham, 2016)	0.6.0
xtable (Dahl, 2016)	1.8-2
zipcode (Breen, 2012)	1.0

Table 1: `R` packages used and version numbers

Please note that it is computationally intensive to reproduce the PDF completely using current technology (in 2016); it may require several hours to run, depending on your environment. An easier alternative might be to simply pull the code out of the rnw file and run it manually in any `R` interface. If you are patient, you can reproduce the file completely by following these steps:

[4]Maybe even one that isn't boring (Baumeister, 2016).

1. Create a folder on your hard drive where you want to save everything. This should be done on a machine with plenty of working memory.

2. Change the following lines of code in the rnw version of this file to match the location of the folder just created on your own computer. The lines which need to be changed are around line 373 of the rnw file and currently read as follows:

   filepathdata <− "~/Desktop/data/"
   filepathfig <− "~/Desktop/figures/"

   I have created separate folders for the data input/output files and for the figures. I did this because this script will generate a lot of files; I prefer to keep the data files separate from the figures. But, this is optional — you could set the 'filepathdata' and 'filepathfig' lines to point to the same folder if preferred or use a more complicated structure. Also note that the '/' will need to go in the opposite direction ('\') for those using a PC-based operating system.

3. Put the data files (downloaded from Dataverse) into the folders just created. Anything that ends with the extension '.RData' should be placed in the filepathdata folder, everything else goes into the filepathfig folder. You will notice that I have added some additional structure in a few places. If you want to match my structure (recommended), create 2 empty folders inside the folder at the location of filepathdata and name them 'factorTable' and 'items'; create 2 empty folders in the filepathfig location called 'IRT' and 'norms'; and create a 3rd folder in filepathfig called 'appendices' — in it, put all of the .png files (these png files have names like 'factorTable5_X.png' and 'factorTable27_X.png') and the PDF versions of the assessment forms (these PDF files have names like 'SPI_135_27_&_5_v1_1') from the Supplementary Materials dataset on Dataverse.

4. Open the rnw version of this file in RStudio. Make sure you have updated versions of the `R` packages listed in Table 1.

5. Confirm or change your settings in RStudio to ensure that the knitr functionality is being used. Do this by clicking RStudio/Preferences/Sweave, then select 'knitr' from the dropdown menu for 'Weave Rnw files using:' and 'pdfLaTeX' for 'Typeset LaTeX into PDF using:'.

One should then be able to recreate the PDF by simply clicking 'Compile PDF' and waiting a few hours. Unfortunately, there are two caveats. First, several figures are generated using external data files that need to be downloaded directly from other sources. While it is all freely available (mainly from the U.S. Census via API), researchers are required to register and format the data for themselves. I am not allowed to share the data directly and this means that some of the code chunks cannot be directly reproduced. The Rnw file will still compile because I have provided a reasonably seamless work-around: the Supplementary Materials file includes pre-processed versions of these figures. You can recreate them on your own of course — I have included the code to do this — but it will require registration and some foraging around on the U.S. Census website. I have turned off the evaluation of the code for the relevant sections and the necessary images will be pulled in as if they were generated with the code I have given. Note that this external data only serves to contextualize the characteristics of the samples and is not central to the aims of this project.

Second caveat: I have also included two other pre-processed data files in the Supplementary Materials. One of these is the output of analyses I ran on the computing cluster to get bootstrapped confidence interval estimates. Again, the code needed to reproduce these analyses is included for those who choose to use it but it will take a very long time to run on a stand-alone machine using modern software at the time of this writing (4 to 6 days). The second pre-processed data file contains item-level qualitative data. More information about these results (and the underlying data) can be found in a separate manuscript. See Condon, Graham, Weston & Mroczek (in prep).

I also feel compelled to acknowledge the regrettable length of this document. It is an unfortunate consequence of my efforts to be transparent, but I suspect that many readers will wonder whether all of the

tables and figures are really necessary. I have three responses. First, I hope that this document might serve as more than just a detailed journal of my analyses. In fact, there are several passages of text that delve deeply into theoretical issues of personality structure, and the statistical code is totally optional for those who are not interested (I don't think it's necessary to understand any of the major points). I've avoided psychometric jargon whenever possible and tried to provide simple and informal explanations when it was unavoidable. Second, I have tried to organize the text into relatively independent and digestable sections. No one is going to read this in one sitting, so I've split the text into many short sections and made liberal use of cross-referencing links. The majority of the document is made up of appendices — figures and tables that generally provide descriptive information on the factor analyses output and the derived scales (these include assessment forms and instructions, item response modeling parameters, and population norms) — and these are only included for the sake of reference. And finally, I hope that the length and topical breadth of this document will make it a resource for those hoping to explore new topics in personality structure. I have highlighted several areas that warrant further research and I suspect many readers will identify weaknesses, gaps and opportunities that haven't occurred to me. I have often been asked over the last few years whether there is anything left to do in the field of personality structure. I think we have our work cut out for us.

— David M. Condon (October 31, 2016)

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The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model

David M. Condon*

1 Introduction

There already exists a surfeit of options for those in search of self-report measures which provide well-validated scores across slightly distinct variations of the Big Five dimensions. Each of these has its own raison d'être and loyal advocates. An incomplete list of the most prominent include the unipolar Big Five factor markers (Goldberg, 1992), the NEO-PI-R™(Costa and McCrae, 1992; McCrae and Costa, 2010), the Abridged Big-Five Dimensional Circumplex (AB5C, Hofstee et al., 1992), the Big Five Inventory (BFI, John and Srivastava, 1999; Soto and John, 2016), the Five- and Ten-Item Personality Inventories (Gosling et al., 2003), and the Mini-IPIP scales (Donnellan et al., 2006). Some of these are available in both the original and slightly altered public-domain formats comprised of items from the International Personality Item Pool (e.g., the "IPIP" items corresponding to the Big Five factor markers, the NEO-PI-R™, and the AB5C). If the list is expanded to include those measures which are often interpreted in five factor terminology (such as the Hogan Personality Inventory [Hogan, 1992]) or include the additional dimension of Honesty/Humility (e.g., the IPIP-HEXACO [Lee and Ashton, 2004] and the 48-item Questionnaire Big Six scales [QB6, Thalmayer et al., 2011]) or are derivative of the five dimensions (e.g., the Big Five Aspect Scales [BFAS, DeYoung et al., 2007]) or have been translated into other languages (see Ashton et al., 2004; Saucier, 2009; De Raad et al., 2010), the seemingly subtle distinctions between measures borders on esoterica.

The flourishing growth of measures illustrates the breadth of support for the (approximately) five factor structure and this consensus has precipitated broader recognition of the utility of personality for predicting important life outcomes (Barrick and Mount, 1991; Hogan et al., 1996; John and Srivastava, 1999; Paunonen, 2003; Roberts et al., 2007). Research on the utility of the Big Five scales is based upon the administration of these measures to several million participants over the last two decades (Obschonka et al., 2013; Soto et al., 2010); over the same time frame, the nine measures described in the prior paragraph have been cited nearly 20,000 times. In short, the Big Five created a flourishing market for personality assessment and many tools have been developed over the last 25 years to meet the growing demand.

Yet, there are many reasons to believe that personality assessments could be better. Here are some of the most prominent:

1. **Limitations of the Big Five as a predictive model.** The Big Five were derived from efforts to identify the most parmonious number of factors in trait-descriptive adjectives. It was not the goal of these efforts to be highly predictive, but rather to balance the demands of explained variance and data reduction. In other words, prediction was not the top priority when the Big Five were identified. This issue is exacerbated by the fact that many Big Five (and Big Six) scales have been designed with a focus on internal consistency rather than predictive validity (this is particularly true for shorter scales). This means that most measures do a good job of assessing relatively narrow operationalizations of the five dimensions and ignore large swaths of the individual differences landscape.[5] As a consequence, the

*Preparation of this file was funded in part by grant SMA-1419324 from the National Science Foundation and grant R01-AG018436 from the National Institutes of Health (NIA). Correspondence should be directed to David M. Condon, Assistant Professor, Department of Medical Social Sciences, Feinberg School of Medicine, Northwestern University, Chicago, Illinois, david-condon@northwestern.edu. Please use the following citation information: Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

[5] There are notable exceptions, especially among the longer forms of personality measures (e.g., the NEO-PI-R™, the HEXACO and their public-domain counterparts), but these tend to be scales that were explicitly designed to include more nuance within the five or six factors. In other words, the most predictive measures are those that deviate from the Big Five structure by allowing each of the factors to contain some internal structure. Note that it's not accurate to state that these measures presume 24 or 30 factor structures per se (for the HEXACO and NEO respectively) because these facets are explicitly nested within the factors. By analogy, it's the difference between 5 different six-packs of beer and 30 different beers.

Five Factor measures tend to have narrow predictive validity.

2. **Psychometric advances in measurement.** Over the last 30 years, the use of computer adaptive testing (aka tailored testing) has become common in most testing environments. This technique allows for more brief and efficient testing without loss of precision by matching participant responses to the "difficulty" of subsequent items. An application to personality, for example, could be that individuals who strongly endorse an item about sociability ("I enjoy small gatherings") would subsequently be administered a sociability item that is more difficult ("I enjoy large parties"). The use of computer adaptive tests (CATs) in personality assessment would seem to be a great pairing because it reduces the mean number of items administered to each participant without sacrificing precision. But, there is a hitch. The psychometrics behind CAT assessment presume that all of the items in a test (or scale) are interchangeable measures of the same dimension despite differing levels of difficulty; the items as a set need to be highly "unidimensional."[6] Most Big Five measures don't come close to meeting this criteria. The few that do use narrow operationalizations of the Big Five constructs. More powerful applications would combine CAT-based techniques with the assessment of many narrow personality dimensions. This approach would also offer an important secondary benefit: it would allow for improved evaluations of differential item functioning and structural equivalence across groups (e.g., based on gender, age, SES, health status).

3. **Rationally-derived tools are subject to bias.** It's not entirely accurate to describe measures of personality as being either empirically or rationally derived. They all involve at least a little theory and are rooted in data of one form or another. That said, there is an increasing emphasis on the use of assessments and decision making tools that are more heavily informed by data — and the bigger the data, the better. On average, rationally-derived models are less predictive, less informative, and less powerful than those which are based exclusively on data. Examples of rationally-derived tools in personality assessment are the facet level scales which are neatly nested within higher level factors. They are rationally influenced in that the organization and scoring of those scales is based on very strict assumptions about the hierarchical structure, even though these assumptions are known to be violated.[7] The developers of these hierarchical measures have favored theory over empiricism, presumably for the sake of simplicity. The risks are that these scales fail to capture the most informative constructs and/or measure them using sub-optimal (inefficient) operationalizations. This doesn't mean they are invalid, but rather that they can *only be less or equally valid* (almost always less, by definition) than empirically-derived scales of the same length.

4. **The data used for most empirically-derived measures is limited and homogenous.** The argument that rationally-derived measures are less useful than those with empirical support depends upon the quality of the underlying data. Quality is, in turn, largely dependent upon the relationship between the representativeness of the data used to develop the scales and the population being assessed. All things being equal, larger samples are more representative than smaller ones (because the influence of the idiosyncratic qualities of each individual participant is reduced) and closer matching of exogenous variables (like demographics) is better than less. There are several widely-used measures of personality that were derived based on large samples. Unfortunately, they're all based on the *same* large sample — the Eugene-Springfield Community Sample (Goldberg, 1999). This is not necessarily problematic by itself[8] but there is considerable cause for concern about the representativeness of this sample relative to the global population (98.4% are white homeowners from Oregon).

5. **Scale developers have abandoned the use of trait descriptive adjectives.** The majority of Big Five measures are at least one step removed from the factor-analytic procedures used to evaluate the multidimensional structure of the trait lexicon. This is readily apparent from the format of the measures. All but a few — notably, the Big Five unipolar and bipolar factor markers (Goldberg,

[6] In psychometric terms, omegas of 0.7 are acceptable, 0.8 is good.
[7] Consider a spherical cow...
[8] In fact, it might be better to use the same sample for direct comparison across measures.

1992) and the rationally sorted factors of the Adjective Check List (John and Srivastava, 1999) — use phrases or sentences ("phrased items") instead of single word adjectives and type-nouns because they are more clear, precise, and contextualized. But, this change in format means that the most widely-used scales are not empirically derived from factor analyses of the finite trait lexicon, nor are they empirically derived from factor analyses of the phrased item universe. Instead, scale developers have assumed that the multidimensional space of phrased items is structurally similar to that of the well-studied space of the trait lexicon. Unfortunately, there is a lot of evidence to suggest that this assumption of structural similarity may not be tenable (Ashton et al., 2004; De Raad et al., 2010; Digman and Inouye, 1986; Digman, 1990; Eysenck, 1991, 1994; Hendriks et al., 1999, 2003; Lee et al., 2005; Pettersson and Turkheimer, 2010; Yarkoni, 2013).[9] The point here is that it would be better (to an unknown extent) if the scales being used were based on the structure of the items being used.

6. **The Big Five passes the sniff test but not the yawn test.** It's only been a little while since "we had no personalities" (Goldberg, 1993b). The Big Five was instrumental in helping us to demonstrate that personality has existed all along, in large part by simplifying the morass of personality constructs that had previously been proposed. Now, it seems that the Big Five is maligned for being a little too simple. It has been my experience in discussions with students and colleagues from other disciplines of psychology that there is a perceived misalignment between the five factor structure and the rich diversity of individual differences that can be readily observed on a daily basis. The fact that this perception reflects a limited understanding of the Big Five model does not mean it should be ignored. To the contrary, this problem is now being publicly broadcasted by scholars with considerable influence (Baumeister, 2016). It certainly does not make sense to abandon the best scientific paradigm in favor of one with more panache, but it seems worth evaluating whether more nuanced approaches can address this misalignment. Nuanced approaches that are also compatible with the Big Five and provide incremental validity (even if at the expense of parsimony) would seem to have particularly strong potential.

In sum, it seems there are many ways in which the assessment of personality might be improved, even though the practical motivation for developing new measures is less clear. Maybe the current options are good enough. It's possible that attempts to empirically-derive new scales will produce measures that are fully redundant with existing Big Five scales. A more likely outcome is that preliminary evidence will emerge for a hierarchical structure that allows for personality assessment across multiple levels (previously referred to as factors, aspects, facets, and nuances). Whatever the outcome in practical terms, there will at least be some benefit to the collection of data from a large sample using a substantial portion of the items in the International Personality Item Pool. So, that is what I've aimed to do — evaluate the structure of as many items as possible based on administration to as many participants as possible.

Here's how things will go: we'll begin with a description of the process for selecting the items to be administered throughout this research project (Section 2) before describing the characteristics of the samples to which the items were administered (Section 3). Then we'll conduct a wide range of sensitivity analyses (Section 4), with a specific focus on the stability of correlations within and across all of the samples (Section 5). In the next section, we'll conduct exploratory factor analyses (Section 6) and then consider the extent to which these analyses replicate (Section 6.4). Next, I will account for item-level qualitative data on clarity, salience, and readability (Section 7.1). Then, the evidence for replicable structure and item-level qualitative characteristics are used to develop scales at two hierarchical levels in the remainder of Section 7. I evaluate the fit of these scales in an independent sample using confirmatory factor analysis procedures in Section 8, describe the procedures for naming the scales in Section 9, and describe their psychometric properties in Section 10. At last, I conclude with an overview of topics where additional research is needed (Section 11).

[9] More precisely, I would argue that it's very unlikely that the structure of these multidimensional spaces is identical and that the severity of the problem is related to the extent of the difference.

2 Description of the items administered

2.1 Comments on previous approaches to item selection

The structure of personality based upon the presumption of the "Lexical Hypothesis" (Galton, 1884; Goldberg, 1981, 1993b) is empirically well-established. It has been argued however that the lexical approach is not well-suited to the development of a hierarchical model of personality (Costa and McCrae, 1995) because (1) some important traits are under-represented in the lexicon and (2) trait terms in the lexicon reflect inconsistent breadth. The latter point is perceived to give broader terms an advantage because they account for a disproportionate percentage of the covariance. Costa and McCrae (1995) claim that these limitations motivated their use of a "top-down" theoretical approach to the development of the NEO-PI-R™(Costa and McCrae, 1992; McCrae and Costa, 2010), a seminally important, proprietary, hierarchical measure of self-report personality.

Yet, these limitations do not preclude the possibility of an empirical "bottom-up" approach to hierarchical scale development — they merely suggest that such an approach should not be based on trait-descriptive adjectives and nouns. This is not much of a problem either because most personality measures have long since deviated from assessment by adjective checklist. In fact, the advantages of using so-called "phrased" items instead of single word adjectives and type-nouns are widely acknowledged (Briggs, 1992; Gosling et al., 2003; Goldberg, 1999; Hendriks et al., 1999; John and Srivastava, 1999). These include the observation that slightly longer phrases result in more clear, precise, and consistent interpretations of items by laypersons, particularly when it comes to low frequency descriptors. Phrased items allow for improved contextualization of trait descriptions and are unencumbered by the requirement of being classified as a recognizable dictionary entry. For example, the degree to which respondents describe themselves as being "querulous" is not confounded by familiarity with that specific word. It is far better to ask them if they complain a lot under various circumstances.

Unsurprisingly, Costa and McCrae (1995) were dismissive of previous attempts at bottom-up scale creation using phrased items (e.g., the California Personality Inventory [CPI, Gough, 1975] and the Minnesota Multiphasic Personality Inventory® [MMPI®, Butcher, 2001][10]). Their dismissal was explicitly driven by the fact that these approaches omitted one or more of the prominent Big Five constructs. Given the breadth of empirical data supporting the Big Five, this seems (post-hoc) like a very good argument though it lacks empirical rigor from an a priori perspective. Of course, this dismissal is also consistent with their personal motivations to bolster the case for their top-down approach.[11] Several other hierarchical measures have been put forth since the NEO-PI-R™was released though the extent to which each has taken a truly bottom-up approach is variable and/or unclear. Soto & John have developed a hierarchical version of the Big Five Inventory that is explicitly tied to the NEO-PI-R™facets. The initial version of this model (Soto and John, 2009) organized the original 44 items of the BFI (Soto and John, 2009) into 10 facets. The second version of this model (BFI-2, Soto and John, 2016) has 60 non-IPIP items (several of these are new) designed to tap three theoretically-derived facets for each of the Big Five (with a particular focus on the facets represented in the original BFI). The six factor HEXACO model (Ashton et al., 2004; Lee and Ashton, 2004) has been designed to include four facet-level scales for each factor though these seem to have been developed using a top-down approach. The Big-Five Aspect Scales (DeYoung et al., 2007) approach is difficult to characterize; it is theory driven by virtue of being derivative of the IPIP Big Five Factor Markers (Goldberg, 1999) though also based on well-specified scale development procedures.

2.2 Issues of item sampling

An empirical approach to the development of hierarchical personality scales would require a broad yet representative item set; that is, one which samples from the universe of potential items in a manner that is

[10] The original MMPI® having been developed in the 1930s and 1940s on a scale-by-scale basis using data from patients with a wide range of clinical disorders (Hathaway and Mckinley, 1940) and the CPI having been derived using similar techniques and even many of the MMPI® items (Groth-Marnat, 2016).

[11] Note that their approach has passed muster for several decades now, so I don't mean to imply that their dismissal was inappropriate — I'm only pointing out that it may have been premature and, perhaps coincidentally, self-serving.

neither strictly uniform (this would ignore the evidence against the equivalent salience of personality constructs) nor intentionally cluster-based (this would increase the likelihood of overlooking constructs that are not highly salient but are still predictive of some important outcome). For the purpose of scale development, representativeness of item sampling would constitute the inclusion of items which represent important features of personality in proportions consistent with their identification across individuals (p. 28, Goldberg, 1992). Unfortunately, it is impossible to identify an item set that is so optimally representative given that the full universe of potential items is undefined.

A practical solution to this dilemma is provided by the International Personality Item Pool (IPIP, Goldberg, 1999; Goldberg and Johnson, 2006). While I am not aware of any prior research exploring the representativeness of the IPIP items to the hypothetical universe of all possible phrased personality items (it is hard to imagine how one would begin to evaluate this), it is currently the best available pool of items for personality scale development — its utility stems not only from the large number of items but also from the growing number of public-domain personality measures which have been derived based on joint administration of the IPIP items and various proprietary measures (Goldberg, 1999). Since its inception, more than 250 personality scales have been "created" by use of this procedure (Goldberg, 2016).

The IPIP items have their origin in a set of approximately 900 items constructed by a team of researchers (Hofstee, De Raad, and Hendriks) at the University of Groningen in the 1990s (Goldberg, 1999, 2009; Hendriks, 1997; Hendriks et al., 1999, 2003). The formatting procedures for the items is summarized as follows:

> Explicit guidelines (Hofstee, 1991) were followed to ensure creating items for an instrument that can be used for a broad range of educational levels, avoids discrimination of certain people or groups of people, and elicits ratings as objectively as possible. These guidelines address the items' format (phrase items in the third person singular and in observable terms) and wording (avoid idiom, difficult words and expressions, suggestive formulations, etc). (Hendriks et al., 2003, p. 350).

The first-person English translation of these Groningen items, along with another 500 items generated by Goldberg, served as the initial basis for the IPIP item set. The total item count now stands at 3,329 and each of these have been administered to various (overlapping) subsets of the Eugene-Springfield Community Sample (for more details, see Goldberg, 1999; Goldberg and Johnson, 2006; Goldberg, 2009; Goldberg and Saucier, 2016).

We briefly considered developing a set of personality scales based on administration of *all* of the IPIP items to very big, representative(ish) online samples. There are two drawbacks to this approach. The first is fully practical. It would be untenable to administer all of the items to online samples that are large enough to generate reasonably replicable (i.e., stable) correlation matrices. While this was done for the Eugene-Springfield Community Sample (Goldberg, 1999), it took many years and required considerable funding from the National Institute of Aging.

One alternative would be to hire a panel survey company to collect data from a sample of participants meeting targeted parameters, but this would be relatively expensive (this research project was not grant funded). Despite the expense, the chief difficulty to this approach would stem from the time and burden placed on the participants... it's not trivial to respond to 3,300 items in a reasonably short period of time. The participants would have to be highly compensated and it would require data collection over many brief sessions in order to ensure that the participants could maintain their focus. It would also necessitate very careful screening of participants. If each participant answered every item (i.e., provided "full information") and a relatively small sample was used (say, 500 people), then the responses for each individual participant would be very influential. Even in this case, there are many demographics variables to consider when identifying a diverse sample (e.g., gender, age, race/ethnicity, education level, geography) and there is a good chance that several of the resulting "bins" would be sparsely populated (and the subsequent scores would be equivalently idiosyncratic to those individuals).

Many of these obstacles can be addressed by giving a random subset of the items to each participant as is done with the Synthetic Aperture Personality Assessment (SAPA, Revelle et al., 2016; Condon and Revelle,

2014; Wilt et al., 2011). The most important benefit to the SAPA method is that it's (kind of) free.[12] Since each participant is given only a manageable subset of the items (say, 85), the burden felt by each is relatively small. If participants are given some other motivation to complete the items (this was achieved in these samples by giving participants feedback on their responses), they may not need to be paid at all (or perhaps they could be paid just a little as is frequently done with MTurk-like crowd-sourcing). A bit of math is required to figure out how many more participants would be needed to offset the reduction in responses per participant when all IPIP items are administered. If each participant is administered approximately 85 items (n) instead of 3,329, the probability of any one item being administered to a participant (p_i) is n/P (85/3,329 = 0.03). If the target is a mean of 500 pairwise administrations (for items i and j), then the number of participants needed would be $500/(p_i \text{ x } p_j)$, where $p_i \approx p_j$. This is approximately 766,937 participants for a sample with reasonably good stability in terms of pairwise item correlations (see Section 5 for more discussion of stability). So, while this method of random item sampling substantially reduces the participant burden and resource burden relative to "full information" data collection, it also dramatically increases the required sample size. Given the historical rate at which we had been able to recruit participants (e.g., our web traffic), it would have taken many years to collect enough data without driving up costs.

This obstacle caused me to reconsider whether it was necessary to collect data on all of the IPIP items, especially given that most of them have not shown high correlations with existing personality measures. In fact, I quickly realized that there is considerable overlap among many of the IPIP measures that were derived based on the strength of correlations between IPIP items and extant proprietary measures following administration to the ESCS sample (using the methods described in Goldberg (1999) and Goldberg and Johnson (2006)). This does not mean that IPIP items with low-magnitude correlations to other measures are not useful. They may be quite predictive for one or a few narrowly-defined criterion variables, but such items are less likely to be needed for a generalizable set of individual differences measures. This issue relates back to the initial question about identifying a broad but representative pool of items from which to sample. I reasoned that an efficient solution would be to administer the IPIP items in stages. In the first stage, I would administer the largest possible subset while balancing the competing desires for broad coverage of personality constructs and a high number of mean pairwise administrations of the items. All of the work described here encompasses this first stage.[13]

Close examination of the many IPIP-based measures suggested that only about 20% of the item pool was needed for good coverage of many personality constructs. In fact, only 617 unique items were needed to account for all of the items in many widely-used sets of measures and a majority of the items in many more. Table 2 shows the 168 IPIP-based scales which are 100% covered and an additional 235 IPIP-based scales which are roughly 60% to 85% covered by this item set. Note that it is difficult to describe the degree and extent of partial coverage. I have focused on the degree of coverage for the multi-construct self-report sets of personality scales listed on the IPIP website. This is not an exhaustive list; many other scales (especially single-construct scales) are known to be partially or fully covered.

The identification of these specific 617 items resulted from the desire to include all of the items from a broad and balanced group of measures that were theoretically diverse and frequently referenced in the personality literature, with the caveat that all of the measures needed to be in the public-domain given our intention for online assessment to large samples (and a very limited research budget). These are the scales that were targeted:

- the 100 IPIP items corresponding to the Big Five factor markers (Goldberg, 1999)
- the IPIP-NEO (300 items, Goldberg, 1999)
- the IPIP-HEXACO inventory (240 items, Ashton et al., 2007)
- the Big Five Aspect Scales (100 items, DeYoung et al., 2007)
- the Questionnaire Big Six scales (48 items, Thalmayer et al., 2011)

[12] Full disclosure: it's only free if you ignore the opportunity costs incurred by one or more graduate students who are paid very low stipends to write the code and manage the data collection.

[13] In the next stage(s), I intend to administer additional IPIP items with overlap to all or some key subset of the items from this stage. After many years of data collection, we may eventually be able to evaluate the structure of all items together. No further discussion of this plan will be described here but please contact me for more information about ongoing data collection and future plans.

Set of Measures (IPIP-based correlates)	Number of Scales	Total Items	Items Covered	Percent Covered
Personality measures fully-covered by the 696 item sample				
Costa & McCrae's (1992) NEO-PI-R™ Domains (300 items)	5	100	100	100%
Costa & McCrae's (1992) NEO-PI-R™ Facets	30	300	300	100%
DeYoung, Quilty, & Peterson's (2007) Big-Five Aspects	10	100	100	100%
DeYoung, Quilty, & Peterson's (2007) Big-Five Aspects (Domains)	5	100	100	100%
DeYoung's (2010) Plasticity & Stability scales	2	40	40	100%
Donnellan, Oswald, Baird & Lucas' (2006) Big-Five Factor Markers ("Mini-IPIP")	5	20	20	100%
Eysenck's (1985) Personality Questionnaire - Revised	3	79	79	100%
Goldberg's (1992) Big-Five Factor Markers (100 items)	5	100	100	100%
Goldberg's (1992) Big-Five Factor Markers (50 items)	5	50	50	100%
Johnson's (2014b) IPIP NEO-PI-R™ Domains	5	120	120	100%
Johnson's (2014b) IPIP NEO-PI-R™ Facets	30	120	120	100%
Lee & Ashton's (2004) HEXACO-PI Domains	6	240	240	100%
Lee & Ashton's (2004) HEXACO-PI Facets	24	240	240	100%
Maples et al.'s (2014) IPIP NEO-PI-R™ Domains	5	120	120	100%
Maples et al.'s (2014) IPIP NEO-PI-R™ Facets	30	120	120	100%
Tellegen's (2003) Multidimensional Personality Questionnaire	12	127	127	100%
Thalmayer, Saucier, & Eigenhuis' (2011) Questionnaire Big-Six (24 items)	6	24	24	100%
Thalmayer, Saucier, & Eigenhuis' (2011) Questionnaire Big-Six (36 items)	6	36	36	100%
Thalmayer, Saucier, & Eigenhuis' (2011) Questionnaire Big-Six (48 items)	6	48	48	100%
		2,084		
Total unique items (this set):		696	696	
Personality measures partially-covered by the 696 item sample				
Hogan & Hogan's (2007) HPI High Level Scales	13	130	111	85%
Saucier's (1997) 7-factor scales	7	70	54	77%
Jackson's (2004) Jackson Personality Inventory	15	145	111	77%
Hogan & Hogan's (2007) HPI Homogenous Item Clusters	44	260	179	69%
Cattell's (2002) 16 Personality Factor Questionnaire	16	163	109	67%
Cloninger et al.'s (1994) Temperament and Character Inventory	30	289	189	65%
Gough's (1996) California Psychological Inventory	33	332	201	61%
Markey & Markey's (2009) IPIP Interpersonal Circumplex Scales	8	32	19	59%
Jackson, Paunonen, & Tremblay's (2000) 6-Factor Personality Questionnaire	24	233	137	59%
Hofstee, de Raad & Goldberg's (1992) AB5C facets	45	486	278	57%
		2,140		
Total unique items (this set):		879	429	
Total unique items (both sets):		1,146	696	

Table 2: Sets of personality measures covered by the 696 item sample

- the IPIP-Multidimensional Personality Questionnaire (127 items, Tellegen and Waller, 2008)
- the Plasticity/Stability scales (40 items, DeYoung, 2010)

The sum total of items in these measures is 955, including 338 duplicates and 617 unique items. Of these, 403 items are in only one set of scales, 130 items are included in two sets of scales, 54 items are in three, 20 items in four, and 10 items are in five of the seven sets of IPIP-based scales.

We felt that these 617 items provided a balanced set of measures based on the Big Five, Big Six and alternative frameworks, but I also felt that this balance could be improved upon by inclusion of an item set reflecting Eysenck's 3 factor structure (Eysenck et al., 1985). To address this need, I generated a set of items that match the IPIP item format but are based on the 79 items of the Eysenck Personality Questionnaire - Revised (Eysenck et al., 1985); note that the 21 items from the "lie" scale were intentionally omitted. This brought the total count of unique items to 696.

2.3 Conclusions about representativeness of the item sample

This 696-item set is not meant to be exhaustive but rather sufficiently balanced and representative for the purpose of developing hierarchically organized sets of scales. It contains public-domain versions of most of the items in self-report assessments of normal-range personality that have been widely-used in academic research over the last 30-40 years.[14] It seems reasonable to claim that these 696 items cover *most* of the constructs that are prominently recognized in the literature without over-representing *many* constructs of narrow relevance. In any case, it does not need to be optimal. The next challenge (and source of joy!) will come from determining how this pool of items should be refined and expanded in order to improve the predictive utility of the resultant measures for the many applications where individual differences are relevant. If these items can be used to identify a hierarchically organized set of scales which is likely to replicate, these scales might be modified in the future using: (1) factor extension procedures to incorporate items which are not in the current set but correlate highly with factors or facets at one or more levels of the hierarchy; and/or (2) CFA/ICLUST/EFA (replication) procedures to evaluate the extent to which items outside of these 696 warrant the specification of additional facets.

The most practical benefit of using this reduced item set (instead of all IPIP items) is that it makes data collection far more feasible in terms of the number of participants needed to collect adequately-sized samples. Since the total item count is squared in the denominator of the sample size calculation, only 1/25ths as many participants are needed if we only use 1/5th as many items. With only 696 items, the number of participants needed to achieve stability was conservatively estimated at 34,327 participants. The following section describes three samples that were administered these items between December 3, 2013 and February 7, 2017.

3 Description of the samples

The goal of this section is to describe the samples collected and then compare them to the U.S. population using data collected by the U.S. Census Bureau. These descriptions are preceded with a brief discussion of the procedures used for data collection.

3.1 Comments on the data collection procedures

Even after reducing the number of IPIP items to be administered (from 3,329 to 696), I still had to deal with the challenge of administering many more items than any one person would be willing to complete. With the exception of the Eugene-Springfield Community Sample (Goldberg, 1999), I'm not aware of any

[14] Note that these items do not explicitly include those in the Big Five Inventory (BFI, 44 items, John and Srivastava, 1999) or the Ten Item Personality Inventory (10 items, Gosling et al., 2003), both of which are widely-used. Those measures are formatted differently than the IPIP items. The content of these 54 items is covered (with highly similar wording) by items in the 696. Concurrent administration of those items with this set is a priority for future research, but I do not expect that inclusion of those items would extend the conceptual breadth of this 696-item subset of the IPIP.

other samples of similar size and breadth in the personality literature. In fact, in the "big data" era, breadth of assessment has become an increasing salient concern. Data collection over the internet has made it considerably easier to increase the number of participants in a sample (Buhrmester et al., 2011; Obschonka et al., 2013; Johnson, 2014b) but it has not changed the fact that individual participants are only willing and able to respond to a limited number of items.

Synthetic Aperture Personality Assessment ("SAPA") techniques represent a methodological innovation for dealing with this obstacle (Revelle et al., 2016; Condon and Revelle, 2014; Wilt et al., 2011). Named by analogy to the use of similar techniques in radio and optical astronomy, SAPA essentially makes use of modern sampling procedures. Rather than combining signals from the same source using different telescopes as is done in astronomy, the structure of personality can be studied by combining the responses of many people across more items than any one person is willing to answer. Instead of observing celestial objects beyond the visible range, we can observe the relations between personality constructs which would not otherwise be visible given practical assessment constraints. This can be done by sweeping the assessment "telescope" across a wide range of constructs or by focusing for short periods of time on high-priority topics.

This procedure is not without precedent. Lord (1955) has previously described theoretical procedures for the sampling of items (rather than participants) in the context of testing and similar sampling techniques have long been used by the United States Census Bureau (Navarro and Griffin, 2002), the Programme for International Student Assessment ("PISA" Anderson et al., 2007; OECD, 2012), the German Socioeconomic Panel (Haisken-DeNew and Frick, 2005), and the National Assessment of Educational Progress (Mislevy et al., 1992). Thanks in large part to the insight and inspiration of Bill Revelle, these techniques have been refined over the last several years for use with public-domain items administered via the internet (sapa-project.org). In addition to the improved geographical diversity which is common to many internet samples, SAPA procedures allow for evaluation of the structural characteristics of personality items across measures (e.g., various IPIP measures administered together) and domains (e.g., vocational, cognitive ability [Condon and Revelle, 2014]), and a broad range of criterion variables such as health behaviors and occupations.

Three samples were collected for this project using these SAPA procedures. In the following three sections (3.2 to 3.4), each of these samples are imported and described. Prior to being imported, the data have been cleaned a bit to: (1) remove scores from participants who tell us that they've previously taken the survey; (2) remove participants who took the survey more than once using the same browser; and (2) drop participants who claim to be under 14 or over 90 years of age. All of the personality items in these samples were administered with the same six response options ("Very Inaccurate", "Moderately Inaccurate", "Slightly Inaccurate", "Slightly Accurate", "Moderately Accurate", "Very Accurate").

3.2 Description of the Exploratory sample

Here, descriptive statistics (and other characteristics) are shown for the demographics, psychographics and raw data for the first sample, collected between December 3, 2013 and July 26, 2014. This sample is denoted below as the **Exploratory** sample. These descriptive statistics include the number of participants and information about gender, country of origin, age, marital status, race/ethnicity, educational attainment level and employment status.

First, I load the dataset and drop the irrelevant variables.

```
filepathdata <- "~/Desktop/data/"
# filepathdata <- '/Users/.../SPI/analyticFiles/data/'
filepathfig <- "~/Desktop/figures/"
# filepathfig <- '/Users/.../SPI/analyticFiles/figures/'

# load the exploratory dataset exactly as downloaded from Dataverse
load(paste(filepathdata, "sapaTempData696items08dec2013thru26jul2014.RData",
    sep = ""))

expSample <- subset(sapaTempData696items08dec2013thru26jul2014, select = -c(RID,
    occPrestige, occIncomeEst, p1edu, p1occPrestige, p1occIncomeEst, p2edu,
    p2occPrestige, p2occIncomeEst))
```

Now, transform each of the descriptive statistics into a distinct object in R. These objects will later be used for additional analyses or the creation of tables and figures.

```
# nE is total Ps in the exploratory sample
nE <- dim(expSample)[1]
nEtext <- prettyNum(nE, big.mark = ",", scientific = F)
nEtext

## [1] "23,679"

# percent female
femalePercE <- prettyNum(100 * round((table(expSample$gender)/sum(table(expSample$gender)))["female"],
    3), drop0trailing = FALSE)
femalePercE

## female
##   "64"

# percent U.S.
USpercE <- 100 * round((table(expSample$country)/sum(table(expSample$country)))["USA"],
    3)
USpercE

##  USA
## 69.5

# total U.S.
UScountEtext <- prettyNum((table(expSample$country))["USA"], big.mark = ",",
    scientific = F)
UScountEtext

##      USA
## "14,572"

# number of countries with P>0
countryTable <- sort(table(expSample$country), decreasing = TRUE)
countryCountE <- length(countryTable)
countryCountE

## [1] 220

# number of countries with P>49
countryCount50E <- subset(countryTable, countryTable > 49)
length(countryCount50E)

## [1] 30
```

Marital Status	Participants
Never Married	14,195
Married	3,736
Domestic Partnership	1,103
Widowed & Remarried	769
Divorced & Single	300
Divorced & Remarried	123
Widowed & Single	14

Table 3: Marital Status in the Exploratory Sample

In the next code chunk, I create some convenient objects for later analyses and then estimate the missingness. Note that the variance (*sd*) in the pairwise administration of items is high. This is caused by considerable skew in the number of responses given per participant, as can be noted by the large difference between the median and mean values. Participants (in all three samples) were strongly encouraged to complete at least 84 items. Most skipped a couple, some completed many more (up to a maximum of 311).

```
# Make some convenient objects Isolate the names of the demographic
# variables only
DemoItems <- colnames(expSample[, c((which(colnames(expSample) == "gender")):(which(colnames(expSample) ==
```

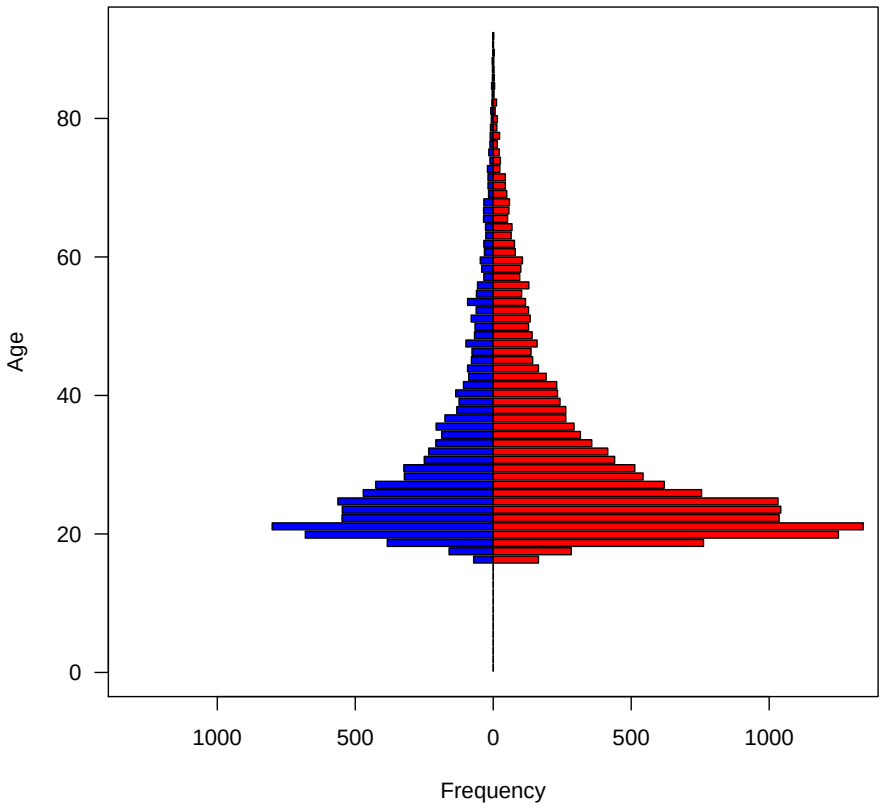


Figure 1: Age by Males (Blue) and Females (Red) in the Exploratory Sample

Ethnicity	Participants
White	8,291
African American	1,329
Two Or More Ethnicities	809
Mexican	687
Other Hispanic	434
Chinese	241
Other Asian	191
Indian	128
Puerto Rican	128
Filipino	119
Native American	100
Korean	73
Cuban	35
Japanese	23
Other Pacific Islander	22
Native Hawaiian	9
Alaskan Native	6
Other	185

Table 4: Race/Ethnicity Among U.S. Participants in the Exploratory Sample

Educational Level	Participants
Less than 12 years	2,725
High school graduate	1,912
Currently in college/university	8,457
Some college/university, but did not graduate	1,249
College/university degree	3,114
Currently in graduate or professional school	1,108
Graduate or professional school degree	2,006

Table 5: Educational Attainment Level in the Exploratory Sample

Employment Status	Participants
Employed	9,413
Currently a student	8,073
Not employed	1,127
Not employed, seeking work	892
Homemaker	341
Retired	236

Table 6: Employment Status in the Exploratory Sample

```
    "jobstatus")))])
# Isolate the names of the data variables only.
DataItems <- colnames(expSample[, c(((which(colnames(expSample) == "jobstatus")) +
    1):(ncol(expSample)))])

# Get values for estimating the missingness
ResponseCountsByParticipantAllItemsE <- apply(expSample, 1, function(x) sum(!is.na(x)))
PercResponseCountsByParticipantAllItemsE <- ResponseCountsByParticipantAllItemsE/ncol(expSample)
MeanPercResponseCountsByParticipantAllItemsE <- round(mean(PercResponseCountsByParticipantAllItemsE *
    100), 1)
# What percentage of the 696 items were responded to by each participant, on
# average?
MeanPercResponseCountsByParticipantAllItemsE
```

```
## [1] 13.9
```

```
MedianPercResponseCountsByParticipantAllItemsE <- round(median(PercResponseCountsByParticipantAllItemsE *
    100), 1)
# What percentage of the 696 items were responded to by each participant,
# median?
MedianPercResponseCountsByParticipantAllItemsE
```

```
## [1] 12
```

```
SDPercResponseCountsByParticipantAllItemsE <- round(sd(PercResponseCountsByParticipantAllItemsE *
    100), 1)
# And the SD
SDPercResponseCountsByParticipantAllItemsE
```

```
## [1] 8.3
```

```
ResponseCountsByParticipantTempItemsE <- apply(expSample[, DataItems], 1, function(x) sum(!is.na(x)))
MeanResponseCountsByParticipantTempItemsE <- round(mean(ResponseCountsByParticipantTempItemsE),
    1)
MeanResponseCountsByParticipantTempItemsE <- prettyNum(MeanResponseCountsByParticipantTempItemsE,
    big.mark = ",", scientific = F)
# The mean number of items responded to by each participant
MeanResponseCountsByParticipantTempItemsE
```

```
## [1] "86.1"
```

```
MedianResponseCountsByParticipantTempItemsE <- round(median(ResponseCountsByParticipantTempItemsE),
    1)
MedianResponseCountsByParticipantTempItemsE <- prettyNum(MedianResponseCountsByParticipantTempItemsE,
    big.mark = ",", scientific = F)
# The median number of items responded to by each participant
MedianResponseCountsByParticipantTempItemsE
```

```
## [1] "71"
```

```
SDResponseCountsByParticipantTempItemsE <- round(sd(ResponseCountsByParticipantTempItemsE),
    1)
SDResponseCountsByParticipantTempItemsE <- prettyNum(SDResponseCountsByParticipantTempItemsE,
    big.mark = ",", scientific = F)
# The SD of the number of items responded to by each participant
SDResponseCountsByParticipantTempItemsE
```

```
## [1] "58.7"
```

```
AdminsMeanE <- mean(sapply(expSample[, DataItems], function(y) sum(length(which(!is.na(y))))))
AdminsMeanE <- prettyNum(round(AdminsMeanE, 0), big.mark = ",", scientific = F)
# The mean number of administrations per item
AdminsMeanE
```

```
## [1] "2,931"
```

```
AdminsMedianE <- median(sapply(expSample[, DataItems], function(y) sum(length(which(!is.na(y))))))
AdminsMedianE <- prettyNum(round(AdminsMedianE, 0), big.mark = ",", scientific = F)
# The median number of administrations per item
AdminsMedianE
```

```
## [1] "2,554"
```

```
AdminsSDE <- sd(sapply(expSample[, DataItems], function(y) sum(length(which(!is.na(y))))))
AdminsSDE <- prettyNum(round(AdminsSDE, 0), big.mark = ",", scientific = F)
# The SD of the number of administrations per item
AdminsSDE

## [1] "781"

pwiseAdmins1E <- pairwiseDescribe(expSample[, DataItems])
pwiseAdminsE <- prettyNum(pwiseAdmins1E, big.mark = ",", scientific = F)

pwiseAdminsMeanE <- round(pwiseAdmins1E$mean, 0)
pwiseAdminsMeanE <- prettyNum(pwiseAdminsMeanE, big.mark = ",", scientific = F)
# The mean number of pairwise administrations for every possible pairing of
# items
pwiseAdminsMeanE

## [1] "528"

pwiseAdminsMedianE <- round(pwiseAdmins1E$median, 0)
pwiseAdminsMedianE <- prettyNum(pwiseAdminsMedianE, big.mark = ",", scientific = F)
# The median number of pairwise administrations for every possible pairing
# of items
pwiseAdminsMedianE

## [1] "519"

pwiseAdminsSDE <- round(pwiseAdmins1E$sd, 0)
pwiseAdminsSDE <- prettyNum(pwiseAdminsSDE, big.mark = ",", scientific = F)
# The SD of the number of pairwise administrations for every possible
# pairing of items
pwiseAdminsSDE

## [1] "117"
```

3.3 Description of the Replication sample

Here, I conduct the same descriptive analyses for the **Replication** sample as those shown for the Exploratory sample. The Replication sample was collected between July 26, 2014 and December 22, 2015. Note that the statistical code for describing missingness is not shown in the PDF version — the information is presented Table 15.

```
load(paste(filepathdata, "sapaTempData696items26jul2014thru22dec2015.RData",
    sep = ""))

repSample <- subset(sapaTempData696items26jul2014thru22dec2015, select = -c(RID,
    occPrestige, occIncomeEst, p1edu, p1occPrestige, p1occIncomeEst, p2edu,
    p2occPrestige, p2occIncomeEst))

# nR is total Ps in the replication sample
nR <- dim(repSample)[1]
nRtext <- prettyNum(nR, big.mark = ",", scientific = F)
nRtext

## [1] "54,855"

# percent female
femalePercR <- 100 * round((table(repSample$gender)/sum(table(repSample$gender)))["female"],
    3)
femalePercR

## female
##   62.1

# percent U.S.
USpercR <- 100 * round((table(repSample$country)/sum(table(repSample$country)))["USA"],
    3)
USpercR

##  USA
## 68.7
```

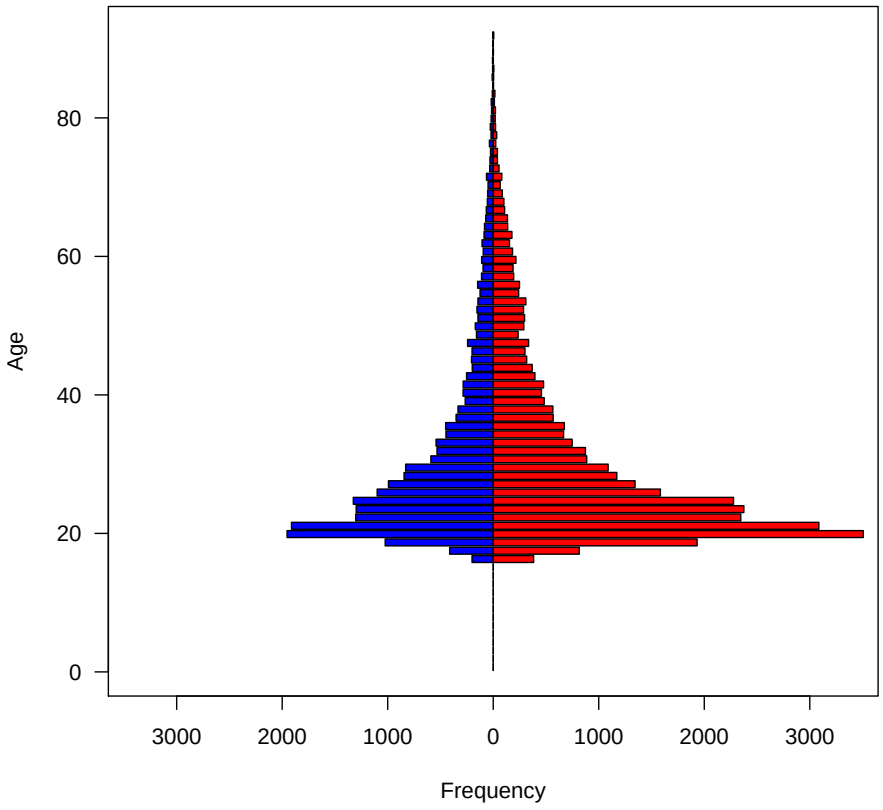


Figure 2: Age by Males (Blue) and Females (Red) in the Replication Sample

```
# total U.S.
UScountRtext <- prettyNum((table(repSample$country))["USA"], big.mark = ",",
    scientific = F)
UScountRtext

##      USA
## "32,245"

# number of countries with P>0
countryTable <- sort(table(repSample$country), decreasing = TRUE)
countryCountR <- length(countryTable)
countryCountR

## [1] 220

# number of countries with P>49
countryCount50R <- subset(countryTable, countryTable > 49)
length(countryCount50R)

## [1] 50
```

Marital Status	Participants
Never Married	32,239
Married	7,983
Domestic Partnership	2,275
Widowed & Remarried	1,768
Divorced & Single	625
Divorced & Remarried	214
Widowed & Single	46

Table 7: Marital Status in the Replication Sample

Ethnicity	Participants
White	18,174
African American	3,062
Two Or More Ethnicities	1,851
Mexican	1,576
Other Hispanic	1,130
Puerto Rican	412
Chinese	396
Other Asian	324
Filipino	239
Native American	234
Indian	239
Korean	180
Cuban	79
Japanese	62
Other Pacific Islander	60
Alaskan Native	33
Native Hawaiian	20
Other	378

Table 8: Race/Ethnicity Among U.S. Participants in the Replication Sample

Educational Level	Participants
Less than 12 years	6,746
High school graduate	3,781
Currently in college/university	19,465
Some college/university, but did not graduate	2,536
College/university degree	6,730
Currently in graduate or professional school	2,468
Graduate or professional school degree	4,254

Table 9: Educational Attainment Level in the Replication Sample

Employment Status	Participants
Employed	20,624
Currently a student	18,530
Not employed	2,699
Not employed, seeking work	1,844
Homemaker	580
Retired	396

Table 10: Employment Status in the Replication Sample

3.4 Description of the Confirmatory sample

Here, I provide the same descriptive analyses for the **Confirmatory** sample as those shown for the Exploratory and Replication samples. The Confirmatory sample was collected between December 22, 2015 and February 7, 2017.

```
load(paste(filepathdata, "sapaTempData696items22dec2015thru07feb2017.RData",
    sep = ""))

confSample <- subset(sapaTempData696items22dec2015thru07feb2017, select = -c(RID,
    occPrestige, occIncomeEst, p1edu, p1occPrestige, p1occIncomeEst, p2edu,
    p2occPrestige, p2occIncomeEst))

# nC is total Ps in the confirmatory sample
nC <- dim(confSample)[1]
nCtext <- prettyNum(nC, big.mark = ",", scientific = F)
nCtext

## [1] "48,350"

# percent female
femalePercC <- 100 * round((table(confSample$gender)/sum(table(confSample$gender)))["female"],
    3)
femalePercC

## female
##   63.4

# percent U.S.
USpercC <- 100 * round((table(confSample$country)/sum(table(confSample$country)))["USA"],
    3)
USpercC

##  USA
## 66.6

# total U.S.
UScountCtext <- prettyNum((table(confSample$country))["USA"], big.mark = ",",
    scientific = F)
UScountCtext

##      USA
## "27,077"

# number of countries with P>0
countryTable <- sort(table(confSample$country), decreasing = TRUE)
countryCountC <- length(countryTable)
countryCountC

## [1] 220

# number of countries with P>49
countryCount50C <- subset(countryTable, countryTable > 49)
length(countryCount50C)

## [1] 48
```

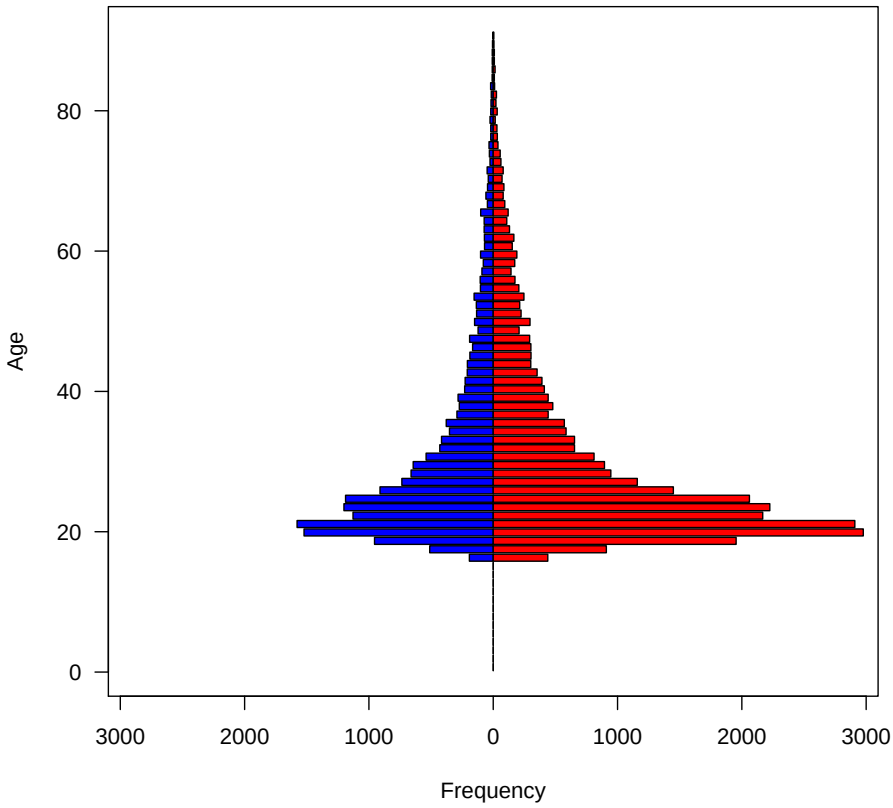


Figure 3: Age by Males (Blue) and Females (Red) in the Confirmatory Sample

Marital Status	Participants
Never Married	28,105
Married	6,856
Domestic Partnership	1,728
Widowed & Remarried	1,548
Divorced & Single	465
Divorced & Remarried	231
Widowed & Single	28

Table 11: Marital Status in the Confirmatory Sample

Ethnicity	Participants
White	15,553
African American	2,300
Two Or More Ethnicities	1,473
Mexican	1,316
Other Hispanic	938
Puerto Rican	278
Chinese	360
Other Asian	258
Filipino	213
Native American	208
Indian	268
Korean	155
Cuban	70
Japanese	50
Other Pacific Islander	56
Alaskan Native	20
Native Hawaiian	12
Other	294

Table 12: Race/Ethnicity Among U.S. Participants in the Confirmatory Sample

Educational Level	Participants
Less than 12 years	6,345
High school graduate	3,488
Currently in college/university	15,468
Some college/university, but did not graduate	2,192
College/university degree	6,140
Currently in graduate or professional school	2,022
Graduate or professional school degree	3,982

Table 13: Educational Attainment Level in the Confirmatory Sample

Employment Status	Participants
Employed	17,466
Currently a student	16,293
Not employed	2,363
Not employed, seeking work	1,344
Homemaker	483
Retired	493

Table 14: Employment Status in the Confirmatory Sample

	Sample		
	Exploratory	Replication	Confirmatory
Total number of respondents	23,679	54,855	48,350
Mean percent of responses to all items	13.9	13.7	13.6
Median percent of responses to all items	12	12	12
Standard deviation percent of responses to all items	8.3	8.1	8.1
Mean number of responses per participant	86.1	84.9	84.7
Median number of responses per participant	71	71	71
Standard deviation number of responses per participant	58.7	57.2	57.4
Mean number of responses per item	2,931	6,693	5,881
Median number of responses per item	2,554	5,845	5,151
Standard deviation number of responses per item	781	1,825.5	1,608.6
Mean pairwise responses for all possible pairings	528	1,180	1,037
Median pairwise responses for all possible pairings	519	1,155	1,014
Standard deviation pairwise responses for all possible pairings	117	267	235

Table 15: Sample sizes and densities

3.5 Comparison of the SAPA samples to U.S. Census data

Before comparing the SAPA demographics to the U.S. Census Bureau data, I need to address differences in the way the demographics variables are coded. For race/ethnicity information (U. S. Census Bureau, 2014), marital status (U.S. Census Bureau, 2012) and employment status (U. S. Census Bureau, 2012a), the census data contain fewer categories than the SAPA data. In the following code chunk, I collapse the SAPA data to fewer categories for the relevant variables in order to allow comparisons across the data sets. For educational attainment level (U. S. Census Bureau, 2012b), it is only necessary to rename the SAPA categories to match the census. Note that I have only shown this step for the Exploratory sample as an example.

```
suppressPackageStartupMessages(library(tidyr))
suppressPackageStartupMessages(library(ggplot2))
suppressPackageStartupMessages(library(RColorBrewer))

# Collapse the exploratory sample for comparison to the US Census ethnicity
expSample$ethnicCensus <- mapvalues(expSample$ethnic, from = c("Chinese", "Japanese",
    "Korean", "Filipino", "Indian", "OtherAsian"), to = rep("Asian", 6))
expSample$ethnicCensus <- mapvalues(expSample$ethnicCensus, from = c("OtherHisp",
    "MexAmer", "Prican", "CubanAmer"), to = rep("Hispanic", 4))
expSample$ethnicCensus <- mapvalues(expSample$ethnicCensus, from = c("NativeAmer",
    "OtherPacIs", "AlaNative", "NativeHaw"), to = rep("Native", 4))
expSample$ethnicCensus <- mapvalues(expSample$ethnicCensus, from = c("Other",
    "TwoOrMore"), to = rep("TwoOrOther", 2))

# marital status
expSample$marstatusCensus <- mapvalues(expSample$marstatus, from = c("WidowSingle",
    "WidowRemar"), to = rep("Widowed", 2))
expSample$marstatusCensus <- mapvalues(expSample$marstatusCensus, from = c("DivRemar",
    "DivSingle"), to = rep("Divorced", 2))
expSample$marstatusCensus <- mapvalues(expSample$marstatusCensus, from = c("neverMarried"),
    to = c("NeverMarried"))
expSample$marstatusCensus <- mapvalues(expSample$marstatusCensus, from = c("married"),
    to = c("Married"))
expSample$marstatusCensus <- mapvalues(expSample$marstatusCensus, from = c("domesticPrtnr",
    "Married"), to = rep("MarriedOrDomesticPrtnr", 2))

# educational attainment level
```

```
expSample$educationCensus <- mapvalues(expSample$education, from = c("less12yrs"),
    to = c("LtHSG"))
expSample$educationCensus <- mapvalues(expSample$educationCensus, from = c("HSgrad"),
    to = c("HSG"))
expSample$educationCensus <- mapvalues(expSample$educationCensus, from = c("SomeCollege",
    "CurrentInUniv"), to = rep("SCorAssD", 2))
expSample$educationCensus <- mapvalues(expSample$educationCensus, from = c("CollegeDegree",
    "InGradOrProSchool"), to = rep("BD", 2))
expSample$educationCensus <- mapvalues(expSample$educationCensus, from = c("GradOrProDegree"),
    to = c("AdvD"))

# employment status
expSample$jobstatusCensus <- mapvalues(expSample$jobstatus, from = c("student",
    "Retired", "Homemaker", "notEmployed"), to = rep("NotCLF", 4))
expSample$jobstatusCensus <- mapvalues(expSample$jobstatusCensus, from = c("notEmployedSeekingWork"),
    to = c("UnemployedCLF"))
expSample$jobstatusCensus <- mapvalues(expSample$jobstatusCensus, from = c("Employed"),
    to = c("EmployedCLF"))

# subset SAPA data for US only
expSampleUS <- subset(expSample, country == "USA")

# Break down the sample by demo variable in age categories
expSampleUS$agecatRace <- cut(expSampleUS$age, c(0, 5, 9, 14, 19, 24, 29, 34,
    39, 44, 49, 54, 59, 64, 69, 74, 79, 84, 90), include.lowest = TRUE)
expSampleUS$agecatEduAndMar <- cut(expSampleUS$age, c(15, 17, 24, 29, 34, 39,
    44, 49, 54, 59, 64, 69, 74, 79, 84, 90), include.lowest = TRUE)
expSampleUS$agecatEmploy <- cut(expSampleUS$age, c(16, 17, 24, 29, 34, 39, 44,
    49, 54, 59, 64, 90), include.lowest = TRUE)

# Crosstabs age and demo variables and include totals
expEmployTableSAPA <- addmargins(table(expSampleUS$agecatEmploy, expSampleUS$jobstatusCensus),
    1)
expRaceTableSAPA <- addmargins(table(expSampleUS$agecatRace, expSampleUS$ethnicCensus),
    1)
expMarStatusTableSAPA <- addmargins(table(expSampleUS$agecatEduAndMar, expSampleUS$marstatusCensus),
    1)
expEducationTableSAPA <- addmargins(table(expSampleUS$agecatEduAndMar, expSampleUS$educationCensus),
    1)
```

Now it is possible to make tables to help evaluate the differences between the SAPA samples and the U.S. population. One challenge is that the census data breaks each of the variables down by age category in 2 to 5 year increments. I have made tables of the comparison for each category that retain all the info; these can be viewed in the rnw version of the file (see the objects named 'employmenttablePCT', 'RacetablePCT', 'maritaltablePCT', and 'educationtablePCT'). Figures 4 to 6 collapse and reduce the age categories for the sake of visualization but more specific comparisons for these categories are possible. I show the code for employment status as an example in the PDF; see the rnw file for all the remaining variables. To fully reproduce these tables and figures, it is necessary to download the U.S. Census data directly from the relevant U.S. Census Bureau API (www.census.gov/developers/).[15]

```
# keep eval=FALSE load the census data
load(paste(filepathdata, "Census2012tables.Rdata", sep = ""))

# Join the Census and SAPA data
employmenttable <- data.frame(as.numeric(as.matrix(EmploymentBoth[, c("NotCLF")])),
    as.numeric(as.matrix(EmploymentBoth[, "UnemployedCLF"])), as.numeric(as.matrix(EmploymentBoth[,
        c("EmployedCLF")])), as.data.frame.matrix(expEmployTableSAPA), as.data.frame.matrix(repEmployTableSAPA),
    as.data.frame.matrix(confEmployTableSAPA))
rownames(employmenttable) <- rownames(EmploymentBothPCT)
colnames(employmenttable) <- c("CensusnotCLF", "CensusunempCLF", "CensusempCLF",
    "SAPAexpnotCLF", "SAPAexpunempCLF", "SAPAexpempCLF", "SAPArepnotCLF", "SAPArepunempCLF",
    "SAPArepempCLF", "SAPAconfnotCLF", "SAPAconfunempCLF", "SAPAconfempCLF")

# Percentages of crosstab tables with Census and SAPA data
employmenttablePCT <- cbind(round(prop.table(as.matrix(employmenttable[, 1:3]),
    1), 3), round(prop.table(as.matrix(employmenttable[, 4:6]), 1), 3))
```

Now we have what we need to generate the figures. I continue by showing the code only for employment status (as an example).

[15] I have provided pre-processed versions of the figures in the Supplementary Materials file at http://dx.doi.org/10.7910/DVN/YF6STI.

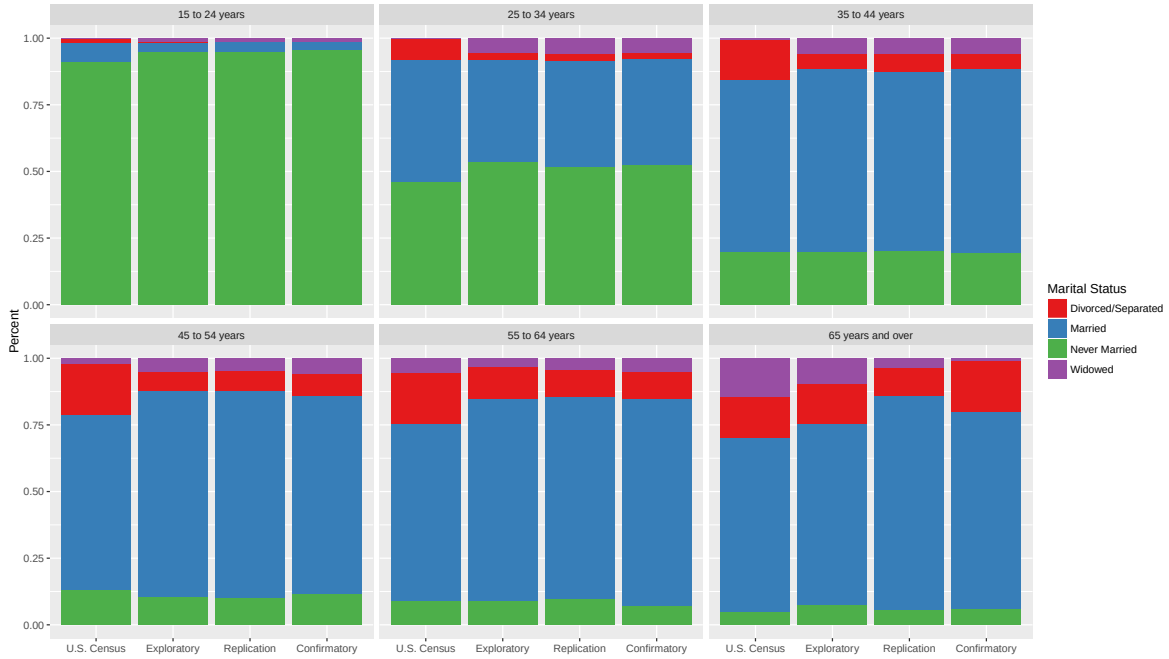


Figure 4: Distribution of marital status across ages in the U.S. Census and the Exploratory, Replication, and Confirmatory samples

```
# keep eval=FALSE Collapse further for figures
employmenttable2 <- rbind(colSums(employmenttable[1:2, ]), colSums(employmenttable[3:4,
    ]), colSums(employmenttable[5:6, ]), colSums(employmenttable[7:8, ]), colSums(employmenttable[9:10,
    ]), employmenttable[11, ])
rownames(employmenttable2) <- c("16 to 24 years", "25 to 34 years", "35 to 44 years",
    "45 to 54 years", "55 to 64 years", "65 years and over")

# Percentages for figures
employmenttablePCT2 <- cbind(round(prop.table(as.matrix(employmenttable2[, 1:3]),
    1), 3), round(prop.table(as.matrix(employmenttable2[, 4:6]), 1), 3), round(prop.table(as.matrix(employmenttable2[,
    7:9]), 1), 3), round(prop.table(as.matrix(employmenttable2[, 10:12]), 1),
    3))

colnames(employmenttablePCT2) <- gsub("Census", "U.S. Census_", colnames(employmenttablePCT2))
colnames(employmenttablePCT2) <- gsub("SAPAexp", "Exploratory_", colnames(employmenttablePCT2))
colnames(employmenttablePCT2) <- gsub("SAPArep", "Replication_", colnames(employmenttablePCT2))
colnames(employmenttablePCT2) <- gsub("SAPAconf", "Confirmatory_", colnames(employmenttablePCT2))

employmenttablePCT2 <- as.data.frame(employmenttablePCT2)
employmenttablePCT2$age <- rownames(employmenttablePCT2)
employmenttablePCT2 <- gather(employmenttablePCT2, key = "key", value = "value",
    1:(ncol(employmenttablePCT2) - 1))
employmenttablePCT2 <- separate(employmenttablePCT2, col = key, into = c("dataset",
    "status"), sep = "_")
employmenttablePCT2$dataset <- factor(employmenttablePCT2$dataset, levels = c("U.S. Census",
    "Exploratory", "Replication", "Confirmatory"))
employmenttablePCT2$status <- factor(employmenttablePCT2$status, levels = c("notCLF",
    "unempCLF", "empCLF"), labels = c("Not Civilian Labor Force", "Unemployed in Civilian Labor Force",
    "Employed in Civilian Labor Force"))
ggplot(employmenttablePCT2, aes(x = dataset, y = value, fill = status)) + geom_bar(stat = "identity",
    position = "fill") + scale_x_discrete("") + scale_y_continuous("Percent") +
    scale_fill_brewer("Employment Status", palette = "Set1") + facet_wrap(~age) +
    theme_bw(base_size = 15)
ggsave(filename = paste(filepathfig, "jobstatusfig.pdf", sep = ""), scale = 1,
    width = 14, height = 8, units = c("in"), dpi = 300)
```

We also want to know the correlation of the distribution of participants in the samples with the distribution of participants by ZIP code in the U.S. Census. So, the following section of code derives correlations

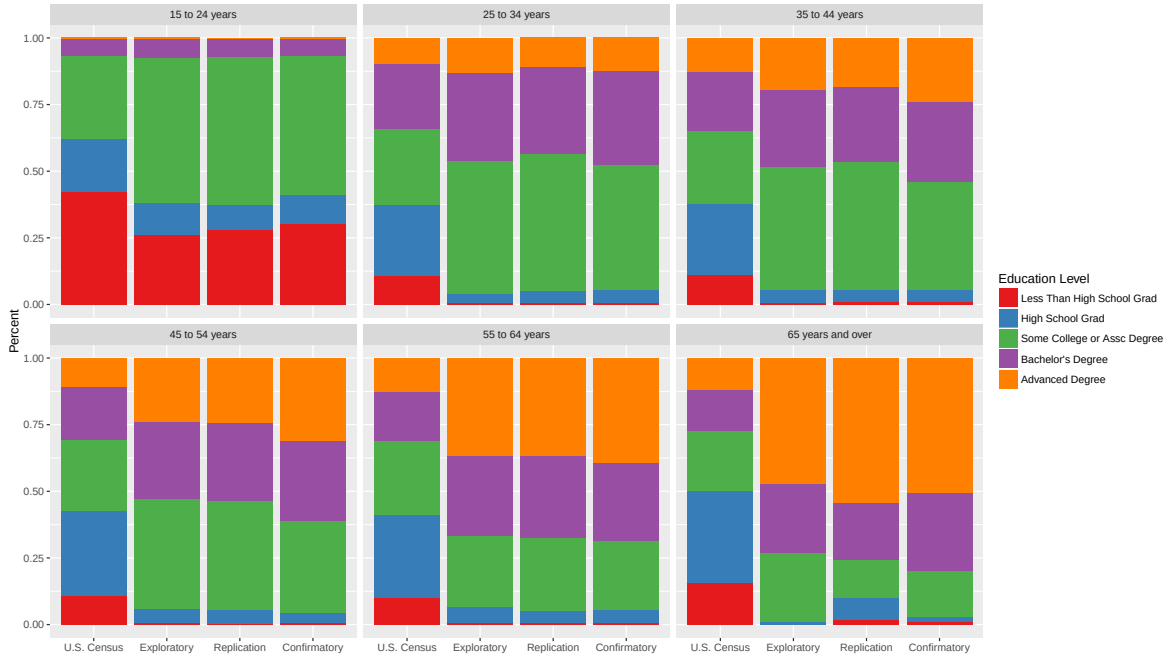


Figure 5: Distribution of educational attainment level across ages in the U.S. Census and the Exploratory, Replication, and Confirmatory samples

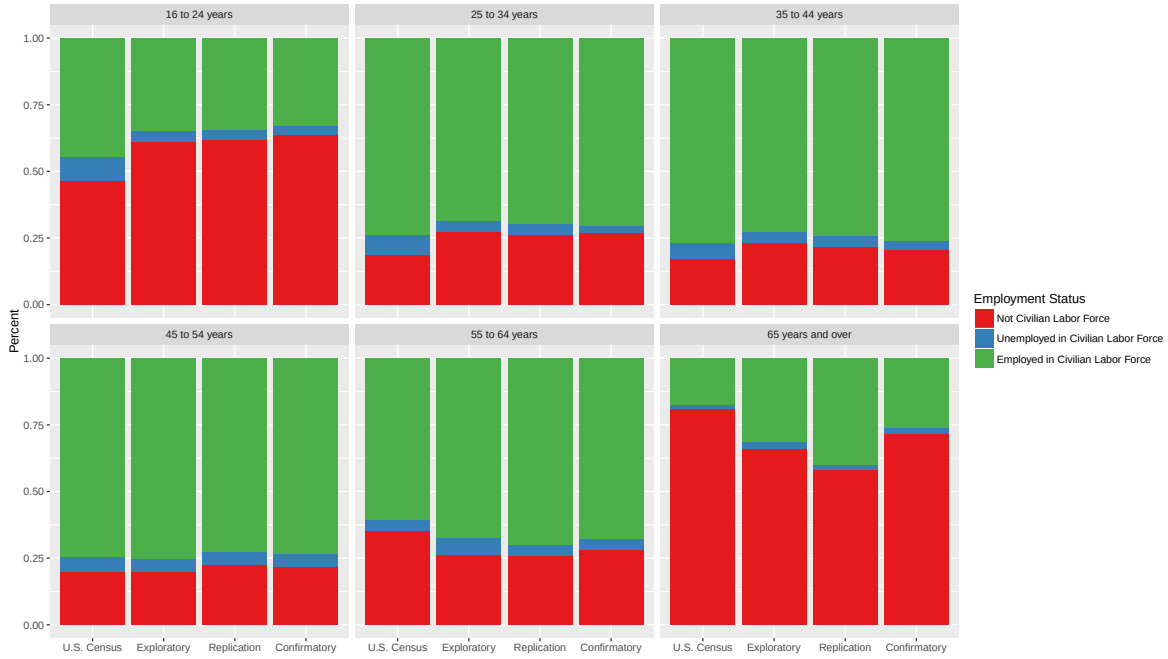


Figure 6: Distribution of employment status across ages in the U.S. Census and the Exploratory, Replication, and Confirmatory samples. Civilian labor force excludes anyone who is retired, a student, a homemaker, in jail, in an institution, or not seeking work.

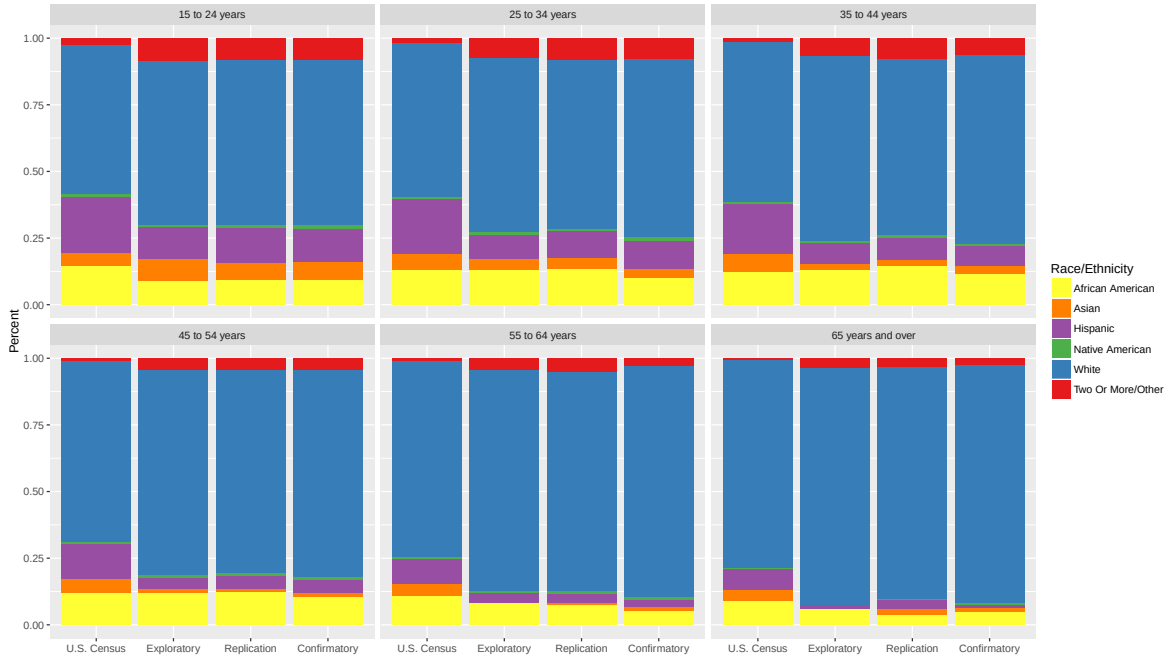


Figure 7: Distribution of race/ethnicity across ages in the U.S. Census and the Exploratory, Replication, and Confirmatory samples.

between the SAPA data and the U.S. Census based on the 5-digit ZIP codes and the 3-digit ZIP codes. The rationale for looking at the 3-digit ZIP codes is based on the reality that the modal number of participants for most of the ZIP codes is 1; this severely attenuates the correlation by flattening the variability. Variability in the distribution is much higher for the 3-digit ZIP code regions. Note that I have to first convert ZIP codes (maintained by the U.S. Postal Service) to Zip Code Tabulation Area (ZCTAs, maintained by the U.S. Census Bureau) (JSI, 2014) by importing a cross-walk table.[16] This is necessary because population statistics are only available from the U.S. Census for ZCTAs.

There is also code in this section for plotting a U.S. map based on Participants by Zip Code Tabulation Area and then a world map based on Participants by Country. The code is hidden in the pdf version because it is highly technical and not easy to read.

```
load(paste(filepathdata, "ZCTA.crosswalk.final.Rdata", sep = ""))
ZCTA.crosswalk.final <- subset(ZCTA.crosswalk.final, select = c(ZCTA, zip, Pop))
expSampleZCTA <- merge(expSample, ZCTA.crosswalk.final, by = "zip", all.x = TRUE)
zipData <- subset(expSampleZCTA, select = c(zip, ZCTA, Pop))

censusZCTApops <- data.frame(ZCTA.crosswalk.final$Pop, ZCTA.crosswalk.final$ZCTA,
    as.numeric(substr(1e+05 + ZCTA.crosswalk.final$ZCTA, 1, 4)))
colnames(censusZCTApops) <- c("PsCensus", "ZCTA", "ZCTA3")

# Here we make a df with # of SAPA Ps by 5 digit ZCTA
expSampleZCTAs <- zipData[, "ZCTA"]
tableZCTAs <- table(expSampleZCTAs)
tableZCTAsNames <- names(tableZCTAs)
tableZCTAsData <- as.numeric(as.vector(tableZCTAs))
expSampleZCTApops <- data.frame(tableZCTAsData, tableZCTAsNames)
colnames(expSampleZCTApops) <- c("PsSAPA", "ZCTA")

# Now we need a df with # of people (census) by 5 digit ZCTA
unique <- censusZCTApops[!duplicated(censusZCTApops[, "ZCTA"]), ]
censusZCTA5pops <- unique[, c("PsCensus", "ZCTA")]
```

[16] This is a pre-processed external data file, included in the Supplementary Materials file at http://dx.doi.org/10.7910/DVN/YF6STI.

```
zip5 <- as.matrix(merge(censusZCTA5pops, expSampleZCTApops, by = "ZCTA"))
PopVsSample5digitCorExpSample <- cor(zip5[, "PsCensus"], zip5[, "PsSAPA"], use = "pairwise")

# So, we have 5 digit ZCTA codes for this many U.S. participants:
sum(zip5[, "PsSAPA"])

## [1] 14208

# from this many 5 digit ZCTA codes
dim(zip5)[1]

## [1] 6069

# And here is the correlation of the distribution of Ps to the distribution
# of people in those ZCTAs in the census.
PopVsSample5digitCorExpSample

## [1] 0.1829584

# Here we make a df with # of SAPA Ps by 3 digit ZCTA
expSampleZCTAs3 <- as.numeric(substr(1e+05 + expSampleZCTAs, 1, 4))
tableZCTAs3 <- table(expSampleZCTAs3)
tableZCTAsNames3 <- names(tableZCTAs3)
tableZCTAsData3 <- as.numeric(as.vector(tableZCTAs3))
expSampleZCTApops3 <- data.frame(tableZCTAsData3, tableZCTAsNames3)
colnames(expSampleZCTApops3) <- c("PsSAPA3", "ZCTA3")

# Now we need a df with # of people (census) by 3 digit ZCTA
censusZCTApops3 <- subset(censusZCTApops, select = c(PsCensus, ZCTA3))
censusZCTApops3collapsed <- ddply(censusZCTApops3, "ZCTA3", numcolwise(sum))

zip3 <- as.matrix(merge(censusZCTApops3collapsed, expSampleZCTApops3, by = "ZCTA3"))
PopVsSample3digitCorExpSample <- cor(zip3[, "PsCensus"], zip3[, "PsSAPA3"],
    use = "pairwise")

# So, we have 3 digit ZCTA codes for this many U.S. participants:
sum(zip3[, "PsSAPA3"])

## [1] 14208

# from this many 3 digit ZCTA codes
dim(zip3)[1]

## [1] 810

# And here is the correlation of the distribution of Ps to the distribution
# of people in those 3 digit ZCTAs in the census.
PopVsSample3digitCorExpSample

## [1] 0.6089206
```

These analyses are repeated for the Replication and Confirmatory samples (hidden in the PDF version). Results for the ZIP code correlations are shown in Table 16. Figures 8, 10, and 12 show the distribution of U.S. participants by ZIP code. Figures 9, 11, and 13 show the distribution of all participants by country.

	Sample		
	Exploratory	Replication	Confirmatory
5 digit ZIP codes	0.18	0.26	0.22
3 digit ZIP codes	0.61	0.67	0.6

Table 16: Correlations of geographic distribution between the SAPA samples and the U.S. Census sample based on ZIP codes

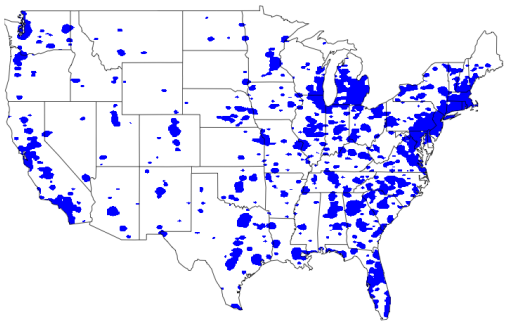


Figure 8: Exploratory Sample by U.S. Zip Code Tabulation Area

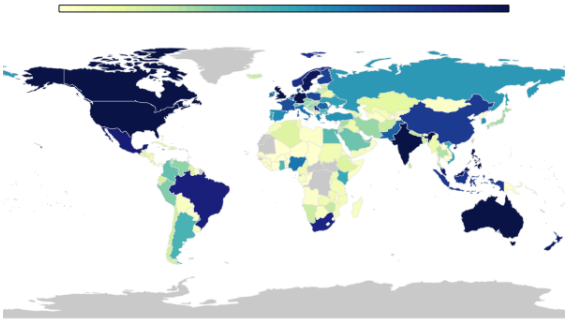


Figure 9: Exploratory Sample by Country

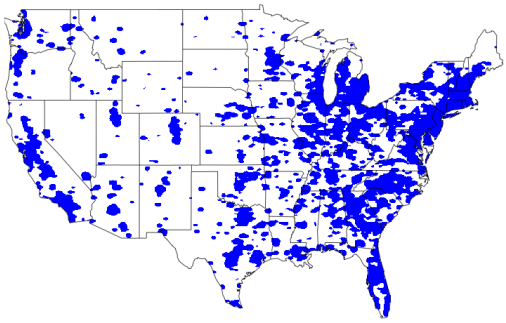


Figure 10: Replication Sample by U.S. Zip Code Tabulation Area

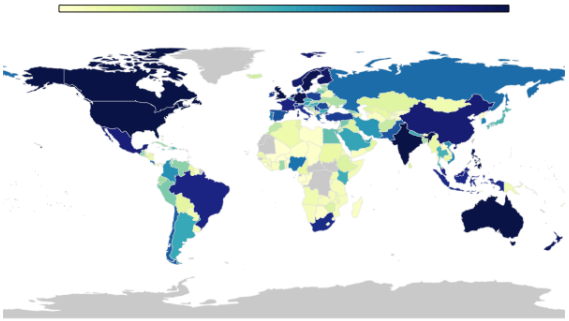


Figure 11: Replication Sample by Country

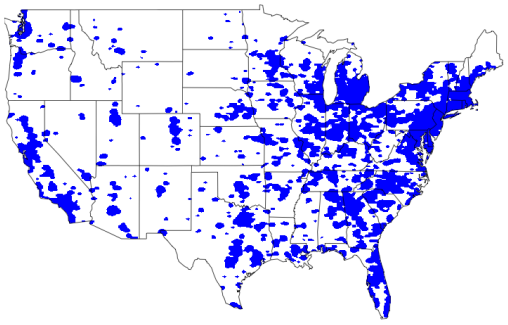


Figure 12: Confirmatory Sample by U.S. Zip Code Tabulation Area

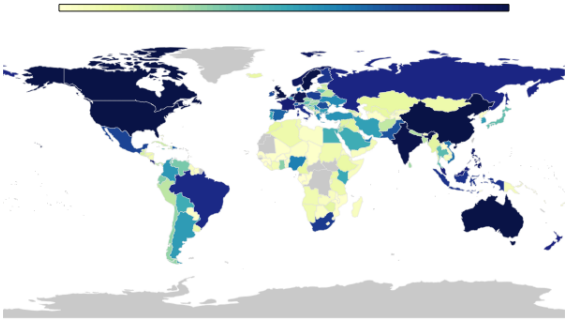


Figure 13: Confirmatory Sample by Country

3.6 Conclusions about representativeness of the participant samples

Generalizability, like replicability, is an important consideration when attempting to develop psychological scales that are useful for anything other than idiosyncratic research. Unfortunately, most attempts to demonstrate representativeness when sampling randomly from a broad population are likely to fail and this introduces uncertainty about generalizability which can only be resolved empirically. Still, this issue is so fundamentally important that it seems worth trying to contextualize the representativeness of these samples before moving on to the analyses.

These data are certainly not representative of humans as a species. Such a claim would be unjustifiable without considerably more knowledge than is currently available regarding the biological, environmental, and social/cultural factors that affect our thoughts, feelings, and behaviors (though a claim like this would not be unprecedented in personality research [McCrae and Terracciano, 2005]). Even if we someday achieve broad understanding of these factors, it would be prudent to acknowledge that most members of our species have already lived and died without leaving behind any historical record of their personalities. With few exceptions, we are limited to speculation regarding the manner and circumstances in which these lives played out across the long stretches of our evolutionary past. It would be an untestable claim to assert that any current model fits past populations.

At best, we might consider the reference population to be humans who are now living. These data are not representative of them either. It might be marginally plausible to assert such a claim if one were to implement a data collection methodology of far broader scope (and far bigger budget) than the online data collection methods used here. It would be particularly important, for example, to sample from the population of humans who never use the internet because they do not have access to it or because they are not interested in it or because they are unable (e.g., illiterate or impaired).

I continue along these lines because I want to be measured in my claims regarding generalizability:

- The data are not representative of all individuals who frequent the internet because the website from which the data were collected is only available in English.
- The data are not (necessarily) representative of English-speaking individuals who frequent the internet for many reasons including the fact that individuals in this population were not equally/randomly likely to be made aware of the site.

- Even if individuals in this population were made aware of the site in an equivalent or fully-randomized manner, the data would not necessarily be representative because there would remain a sampling bias due to individual differences in the motivation to visit the site and participate (i.e., start the survey).
- Even within the population of now-living, English-speaking, internet users who would be willing to participate, the data may be biased by the fact that participants were allowed to respond to as many items as they wished (between 16 and 311) and the number of responses provided per participant likely reflects underlying individual differences which *may* be meaningful to evaluations of personality structure.

Despite the many ways in which these data are or are not necessarily representative, I still have some confidence that these samples are adequate for the design of personality scales with potential predictive utility. In part, this confidence is grounded in an assumption that these qualifiers do not exclude *everyone* from the relevant population. To the contrary, I believe that it's a relatively large population of individuals who surfed the internet on occasion between 2014 and 2016 (when most of the data were collected) and who were proficient at reading English (or who used a browser that could translate English to their native language) and who would've been willing to complete a 20 minute personality survey in exchange for feedback about their personality.

More practically, I believe these data are sufficiently representative because they have been collected from a more diverse sample of participants than has historically been used in personality research. By way of comparison, the Eugene-Springfield Community Sample — the large, gold-standard sample that has been widely used in the development and validation of more than 400 personality scales (Goldberg, 2016) — is notably less diverse than the samples used here. The demographic profile of ESCS participants who completed at least 2 of the 4 surveys administered between 1993 and 2003 (Goldberg, 2008) is shown in Table 17. **98.4% of the ESCS sample was White and 97.6% was born in the United States.**

Demographic Variable	Percent
White (N=757)	98.4%
Female (N=757)	56.9%
Age in 2005 (N=757):	
30-41 years old	3.3%
42-51 years old	16.1%
52-61 years old	34.7%
62-71 years old	21.1%
72-81 years old	16.6%
82 and over	8.1%
Marital status in 1999 (N=763):	
Married	76.6%
Divorced	8.3%
Widowed	8.2%
Employment status (N=763):	
Working for pay full-time	44%
Retired	32%
Working for pay part-time	16%
Homemaker	9%
Educational attainment level in 1993 (N=763):	
Not graduated from high school	1.2%
High school graduate	8.9%
Vocational/technical schooling	5.9%
Some college	28.0%
College graduate	20.7%
Some post-college education	11.3%
Post-college degree	23.9%
Region of Birth in the U.S. (N=763):	
Pacific Northwest	40.3%
Midwest	20.3%
California	15.8%
Northeast	9.4%
Great Plains	5.5%
Southeast	3.9%
Southwest	2.4%
Foreign country	2.4%

See Goldberg and Saucier (2016) for more information.

Table 17: Demographic Characteristics of the Eugene-Springfield Community Sample

To be clear, the ESCS has been — and continues to be — a tremendous asset to personality researchers. Collection of these data by mail required methodological foresight, persistence and consistent organization on behalf of Lew Goldberg and colleagues at the Oregon Research Institute in addition to selfless participation from hundreds of homeowners in Eugene and Springfield, many of whom responded to several thousand survey items over the course of a decade. The utility of this dataset is hard to overstate. I say this because I don't want my criticism of the representativeness to detract in any way from the importance of their efforts.

That said, survey-based research methods have evolved considerably since ESCS data collection began in 1993 and they continue to evolve rapidly. I have taken advantage of these developments to collect larger and more representative samples than have typically been used for this type of research. A couple of other research groups have collected even larger samples than these and it seems obvious that these will soon be superceded by even better samples in the near future. With sufficient funding and coordinated collaboration (perhaps something like Goldberg's suggestion of a personality "collaboratory" [Goldberg, 1999]), I think it will soon be feasible to collect data that does not require quite so many qualifiers — datasets that include millions of participants and thousands of items (including those for other domains like interests and values and abilities and goals). In the meantime, I've done my best on a very (very) limited budget; these samples contain hundreds of items and tens of thousands of participants. I believe that these are more likely to generalize than most other samples reported in the literature to date on the basis of diversity, but this is an empirical question for future research.

4 Sensitivity analyses

In this section, I consider the extent to which our results are likely to depend on various analytic options. It should not be presumed that the results of these sensitivity analyses will generalize beyond these data. While citations are always appreciated, demonstration of partial or complete insensitivity of these results to a specific analytic option should not be used as justification for the omission of sensitivity analyses in other projects; it should be expected that the effect of some analytic options will (sometimes) be stronger in data sets with smaller sample sizes.

4.1 Correlation matrices: the effects of ipsatization

Our goal here is to show how ipsatized data differs from that which is not ipsatized. I start by getting the Pearson correlation matrices based on the raw data for both samples. Note that the first step here is to drop all variables except those which I'll be using in the structural analyses (the 696 personality items).

```
rm(list = setdiff(ls(), c("filepathdata", "filepathfig")))
load(paste(filepathdata, "descriptivesData.RData", sep = ""))
rm(list = setdiff(ls(), c("confSample", "DataItems", "DemoItems", "expSample",
    "filepathdata", "filepathfig", "ItemInfo696", "pwiseAdmins1C", "pwiseAdmins1E",
    "pwiseAdmins1R", "repSample")))

# Trim down the dictionary a bit
ItemInfo696 <- subset(ItemInfo696, select = c(Item, IPIP100, BFAS, HEXACO, QB6,
    MPQ, IPIPneo, EPQr, PS))

# Need to fix the text of one item.  For some reason, a corruption keeps
# getting introduced to produce: 'Am self\xd0destructive.'
ItemInfo696["q_3691", 1] <- "Am self-destructive."

# for now, focus only on the personality items
expSampleTemp696 <- subset(expSample, select = DataItems)

# show some of the raw data for example
head(expSampleTemp696[, 1:8])

##    q_6 q_20 q_22 q_23 q_26 q_31 q_35 q_38
## 7   NA   NA   NA   NA   NA   NA    4   NA
## 23  NA   NA   NA   NA    3   NA   NA   NA
## 28  NA    5   NA    4    3   NA   NA   NA
## 30  NA   NA   NA   NA   NA   NA   NA   NA
## 36  NA   NA   NA   NA   NA   NA   NA   NA
## 46  NA   NA   NA    5   NA   NA   NA   NA
```

```
psych::describe(expSampleTemp696)[1:8, ]
```

```
##      vars    n mean   sd min max range   se
## q_6     1 2515 4.89 1.07   1   6     5 0.02
## q_20    2 2441 4.32 1.31   1   6     5 0.03
## q_22    3 2712 3.68 1.45   1   6     5 0.03
## q_23    4 3605 3.45 1.62   1   6     5 0.03
## q_26    5 2311 2.68 1.38   1   6     5 0.03
## q_31    6 2476 2.92 1.53   1   6     5 0.03
## q_35    7 2431 2.93 1.44   1   6     5 0.03
## q_38    8 2468 4.39 1.28   1   6     5 0.03
```

```
# standardize the rows and show some
suppressPackageStartupMessages(library(multicon))
expSampleTemp696ip <- ipsatize(expSampleTemp696)
# confirm that the sum of the row means (rounded to the 5th digit) is zero
isTRUE(sum(round(rowMeans(expSampleTemp696ip, na.rm = TRUE), 5), na.rm = TRUE) ==
    0)
```

```
## [1] TRUE
```

```
head(expSampleTemp696ip[, 1:8])
```

```
##    q_6.ip   q_20.ip q_22.ip   q_23.ip    q_26.ip q_31.ip    q_35.ip
## 7      NA        NA      NA        NA         NA      NA 0.06762683
## 23     NA        NA      NA        NA -0.5071121      NA         NA
## 28     NA 0.8395644      NA 0.1789236 -0.4817173      NA         NA
## 30     NA        NA      NA        NA         NA      NA         NA
## 36     NA        NA      NA        NA         NA      NA         NA
## 46     NA        NA      NA 0.7191725         NA      NA         NA
##    q_38.ip
## 7       NA
## 23      NA
## 28      NA
## 30      NA
## 36      NA
## 46      NA
```

```
psych::describe(expSampleTemp696ip)[1:8, ]
```

```
##         vars    n  mean   sd   min  max range   se
## q_6.ip     1 2515  0.75 0.67 -2.47 2.46  4.93 0.01
## q_20.ip    2 2439  0.39 0.79 -2.22 2.19  4.42 0.02
## q_22.ip    3 2709  0.01 0.85 -3.02 2.05  5.08 0.02
## q_23.ip    4 3600 -0.14 0.98 -2.81 2.65  5.47 0.02
## q_26.ip    5 2308 -0.62 0.81 -2.64 1.94  4.58 0.02
## q_31.ip    6 2473 -0.49 0.92 -2.82 2.10  4.91 0.02
## q_35.ip    7 2431 -0.46 0.86 -2.83 1.90  4.72 0.02
## q_38.ip    8 2464  0.42 0.77 -2.22 2.20  4.42 0.02
```

```
# this is distinguished from standardizing the columns
expSampleTemp696std <- scale(expSampleTemp696, center = TRUE, scale = TRUE)
# confirm that the sum of the col means (rounded to the 5th digit) is zero
isTRUE(sum(round(colMeans(expSampleTemp696std, na.rm = TRUE), 5), na.rm = TRUE) ==
    0)
```

```
## [1] TRUE
```

```
head(expSampleTemp696std[, 1:8])
```

```
##    q_6     q_20 q_22      q_23      q_26 q_31      q_35 q_38
## 7   NA       NA   NA        NA        NA   NA 0.7435058   NA
## 23  NA       NA   NA        NA 0.2325679   NA        NA   NA
## 28  NA 0.519829   NA 0.3429554 0.2325679   NA        NA   NA
## 30  NA       NA   NA        NA        NA   NA        NA   NA
## 36  NA       NA   NA        NA        NA   NA        NA   NA
## 46  NA       NA   NA 0.9620611        NA   NA        NA   NA
```

```
psych::describe(expSampleTemp696std)[1:8, ]
```

```
##      vars    n mean sd   min  max range   se
## q_6     1 2515    0  1 -3.64 1.04  4.68 0.02
## q_20    2 2441    0  1 -2.54 1.29  3.83 0.02
## q_22    3 2712    0  1 -1.85 1.60  3.45 0.02
## q_23    4 3605    0  1 -1.51 1.58  3.10 0.02
## q_26    5 2311    0  1 -1.21 2.40  3.61 0.02
## q_31    6 2476    0  1 -1.26 2.01  3.27 0.02
## q_35    7 2431    0  1 -1.34 2.13  3.47 0.02
## q_38    8 2468    0  1 -2.65 1.26  3.91 0.02
```

```r
# if we only standardize the columns, it should have no effect on the
# correlations bc it's just a linear transformation of the raw data.
# demonstrate this
expSampleCor696raw <- cor(expSampleTemp696, use = "pairwise")
expSampleCor696std <- cor(expSampleTemp696std, use = "pairwise")
cordiff1 <- expSampleCor696raw - expSampleCor696std
# confirm that they are equivalent to the 10th decimal
isTRUE(round(sum(cordiff1), 10) == 0)
```

```
## [1] TRUE
```

```r
# this means that standardizing by rows AND columns produces correlations
# that are equivalent to those standardized only by rows (ipsatized) this
# approach is occasionally recommended in the literature - don't bother

# all we need to compare is normative (raw) and ipsatized compare the
# correlations based on raw vs. ipsatized data
expSampleCor696ip <- cor(expSampleTemp696ip, use = "pairwise")
cordiff2 <- expSampleCor696raw - expSampleCor696ip
# how different are they?
diag(cordiff2) <- NA
# some of the 'max' values here are quite large!
descordiff2 <- psych::describe(cordiff2)[1:8, c(1:4, 8:10, 13)]
descordiff2
```

```
##      vars   n mean   sd   min  max range se
## q_6     1 695 0.02 0.04 -0.10 0.12  0.22  0
## q_20    2 695 0.03 0.03 -0.08 0.12  0.20  0
## q_22    3 695 0.07 0.03 -0.02 0.19  0.21  0
## q_23    4 695 0.05 0.03 -0.02 0.13  0.15  0
## q_26    5 695 0.05 0.04 -0.06 0.20  0.26  0
## q_31    6 695 0.06 0.03 -0.02 0.14  0.16  0
## q_35    7 695 0.04 0.03 -0.04 0.13  0.17  0
## q_38    8 695 0.02 0.03 -0.10 0.10  0.20  0
```

At first glance, the max and min values for the differences in correlations between raw and ipsatized data seem non-trivial. Further analyses (see below) indicate that the differences are normally distributed with a mean that is close to zero — but not quite. Keep in mind that we are comparing a lot of correlations (241,860).

```r
# how many differences are greater than |0.2| in magnitude?
sum(abs(cordiff2) > 0.2, na.rm = TRUE)
```

```
## [1] 2
```

```r
# greater than |0.15| in magnitude?
sum(abs(cordiff2) > 0.15, na.rm = TRUE)
```

```
## [1] 98
```

```r
# what's the mean difference?
cordiff2plot <- cordiff2
mean(cordiff2plot, na.rm = TRUE)
```

```
## [1] 0.03068078
```

```r
# make a frequency plot of the differences
cordiff2plot[upper.tri(cordiff2plot, diag = TRUE)] <- NA
pdf(paste(filepathfig, "rawVipCorsE.pdf", sep = ""), onefile = TRUE)
plot(density(cordiff2plot, na.rm = TRUE), main = "", ylab = "Frequency", xlab = "Differences in correlations",
    xlim = c(-0.2, 0.2))
dev.off()
```

```
## pdf
##   2
```

As can be seen in Figures 14 through 16, the primary difference between the matrices is that the raw correlations are slightly more positive than the ipsatized (i.e., they are shifted by about .03). This phenomenon is not only well-documented but also has led to some confusion about the merits of ipsatization (Ten Berge, 1999; Saucier, 2002). It seems that this shift is to be expected in cases where the correlations are generally

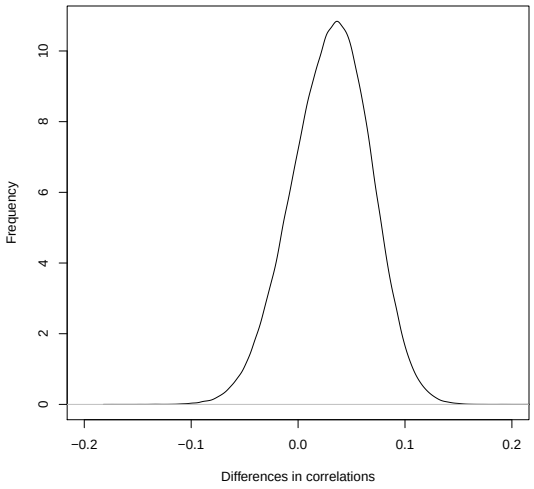


Figure 14: Exploratory sample raw minus ipsatized correlations

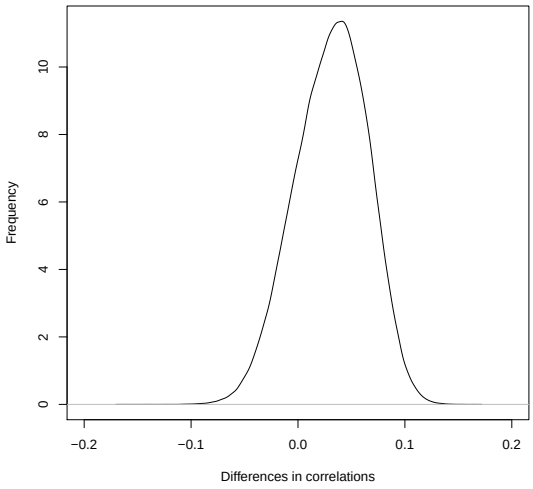


Figure 15: Replication sample raw minus ipsatized correlations

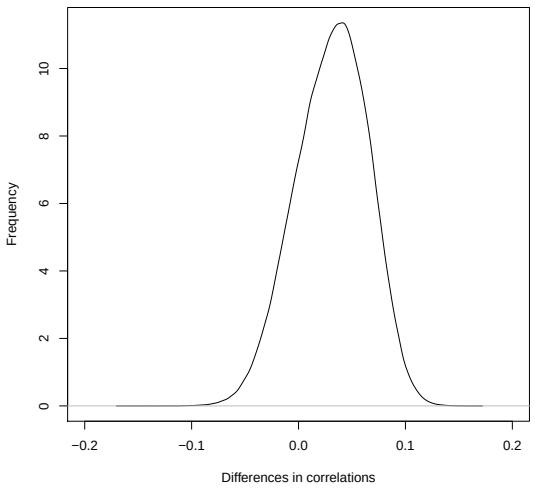


Figure 16: Confirmatory sample raw minus ipsatized correlations

positive — as is the case when there are an unbalanced number of positively keyed items. At this point, the question of positively or negatively keyed items does not mean much (because we have not identified the factors), but it does mean that there is a general factor in the data which is related to directionality. Some have suggested that this is an indication of acquiescence, others as a general factor of personality (I believe this is a confused interpretation [see Revelle and Wilt, 2013 for more discussion]). The question here is what to do about it — some claim that I should remove this within-person variance because I'm attempting to identify a model of individual differences for which only between-person variance is relevant. Others feel that removing this variance is a mistake because the extent to which this variance may be substantive can vary depending on the items/constructs being measured and, in any case, this may itself be an important source of individual differences. In other words, we don't always know what is causing the within-person variance; the phenomenon that precipitates the need for ipsatizing is some combination of response style, acquiescence and social desirability (and maybe other things) and some of these related but inequivalent issues might be relevant to differences between individuals. Agreeableness for example may be a trait that intrinsically reflects the tendency for naysaying. Similarly, extraverts may have more extreme response styles. Reducing the variance through ipsatization might, in theory, alter the structure of the correlations in a way that reduces these effects, but its not clear whether this is justifiable or even a good idea.

Our conclusion is that ipsatizing does not seem to have much effect on the correlations except to make them slightly less positive (by about .03). It is difficult to precisely evaluate the uniformity of this effect, but the plots suggest that the differences are approximately randomly distributed (if anything, skewed towards zero). In other words, there is no more than a trivial effect on the stability of these correlation matrices. I will use the normative, non-ipsatized data for all subsequent analyes. There is need for more research in this area; interested readers are directed to Saucier (2002), Ten Berge (1999), and Hofstee et al. (1998) for more information.

4.2 Correlation matrices: Pearson vs polychoric

The second step in our sensitivity analyses is to consider the impact of using the Pearson method for correlations versus polychoric correlations. While polychorics may be theoretically preferred, the extent to which they differ from the Pearson method is unclear and, based on prior experience, there is a practical reason for using Pearson correlations — it is much, much faster to calculate the Pearson correlations for data sets of this size. Of course, I would not be comparing these two options if I had not been convinced that it is theoretically acceptable to use the Pearson method with only 6 response categories. See Rhemtulla et al. (2012) for excellent treatment of this topic.

Empirical evaluation requires us to get the polychoric correlation matrices for both samples in order to compare them against the Pearson. While I'm at it, I will also estimate the confidence intervals of the correlations using bootstrapping procedures (see 'cor.ci()' for more information). The code given below calculates the polychoric correlations, then gets the confidence intervals for the polychoric correlations, and then gets the confidence intervals for the Pearson correlations for additional comparison. It should be noted that it takes a lot of processing time to get the polychorics and confidence intervals. In fact, I can only run these analyses on the computing cluster hosted by my institution. The code for these analyses is given in the rnw file (not shown in the PDF) but it is not evaluated in normal runs of the knitr file.

The following code chunk shows a comparison of the two correlation matrices (Pearson vs polychoric) for the Exploratory sample as an example.

```
# Clean up again; keep the normative correlation matrices
rm(list = setdiff(ls(), c("confSample", "confSampleCor696raw", "DataItems",
    "DemoItems", "expSample", "expSampleCor696raw", "filepathdata", "filepathfig",
    "ItemInfo696", "pwiseAdmins1C", "pwiseAdmins1E", "pwiseAdmins1R", "repSample",
    "repSampleCor696raw")))

load(paste(filepathdata, "SPIcorCI.RData", sep = ""))

# Evaluate the difference between the normative Pearsons and the normative
# polychorics
cordiff5 <- expSampleCor696raw - expSamplePolyCor$rho
# how different are they?
```

```
diag(cordiff5) <- NA
descordiff5 <- psych::describe(cordiff5)[1:8, c(1:4, 8:10, 13)]
descordiff5
```

```
##      vars   n mean   sd   min  max range se
## q_6     1 695 0.00 0.03 -0.13 0.09  0.22  0
## q_20    2 695 0.00 0.04 -0.10 0.19  0.29  0
## q_22    3 695 0.01 0.04 -0.10 0.13  0.23  0
## q_23    4 695 0.00 0.02 -0.07 0.09  0.16  0
## q_26    5 695 0.01 0.03 -0.08 0.11  0.19  0
## q_31    6 695 0.01 0.03 -0.08 0.14  0.22  0
## q_35    7 695 0.01 0.03 -0.11 0.20  0.31  0
## q_38    8 695 0.00 0.03 -0.10 0.19  0.29  0
```

```
# how many differences are greater than |0.2| in magnitude?
sum(abs(cordiff5) > 0.2, na.rm = TRUE)
```

```
## [1] 36
```

```
# out of how many?
((696^2) - 696)/2
```

```
## [1] 241860
```

```
# greater than |0.15| in magnitude?
sum(abs(cordiff5) > 0.15, na.rm = TRUE)
```

```
## [1] 330
```

```
# what's the mean difference?
cordiff5plot <- cordiff5
mean(cordiff5plot, na.rm = TRUE)
```

```
## [1] 0.003287199
```

```
# make a frequency plot of the differences
cordiff5plot[upper.tri(cordiff5plot, diag = TRUE)] <- NA
pdf(paste(filepathfig, "rawVpolyCorsE.pdf", sep = ""), onefile = TRUE)
plot(density(cordiff5plot, na.rm = TRUE), main = "", ylab = "Frequency", xlab = "Differences in correlations",
    xlim = c(-0.2, 0.2), ylim = c(0, 30))
dev.off()
```

```
## pdf
##   2
```

The mean difference between the Pearson and polychoric correlations is 0.0033 for all correlations in the Exploratory sample, 0.0006 in the Replication sample, and 0.0022 in the Confirmatory sample. Figures 17 through 19 suggest that the differences are randomly distributed around zero. The two methods produce very similar correlation matrices and the similarity increases with larger sample sizes. Given this, I will use the Pearson correlations going forward with confidence that the results would be very similar if the polychorics were used instead. Researchers interested in re-using these data might consider following up on analyses of this sort to evaluate the differences in the two approaches with greater specificity.

4.3 Correlation matrices: smoothed vs non-smoothed

The correlation matrix based on Pearson's method will need to be smoothed in order to move ahead with the structural analyses. This is because some of the 696 items are fully predicted by combinations of other variables. In some simple cases, this is due to the presence of highly correlated doublets and triplets, though in more complicated cases it may be due to larger sets of highly correlated groups of items. These high correlations can lead to (slightly) negative eigenvalues, which makes it impossible to derive chi-square based fit statistics. Smoothing the correlation matrices is standard practice in most statistical software programs but the effects are rarely, if ever, evaluated or even made clear to the researchers whose data are affected by this practice. Here I evaluate the difference between smoothed and unsmoothed matrices.

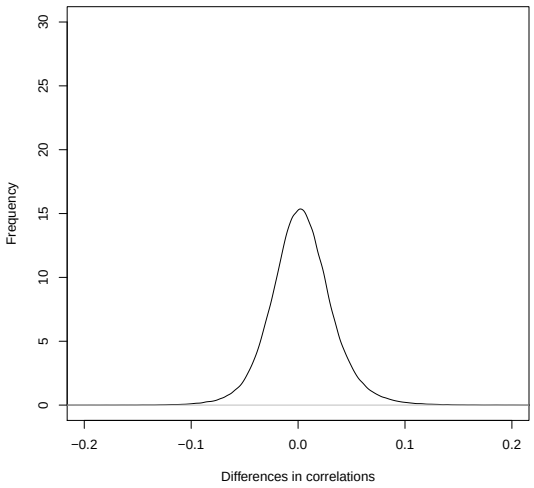


Figure 17: Exploratory sample Pearson minus polychoric correlations

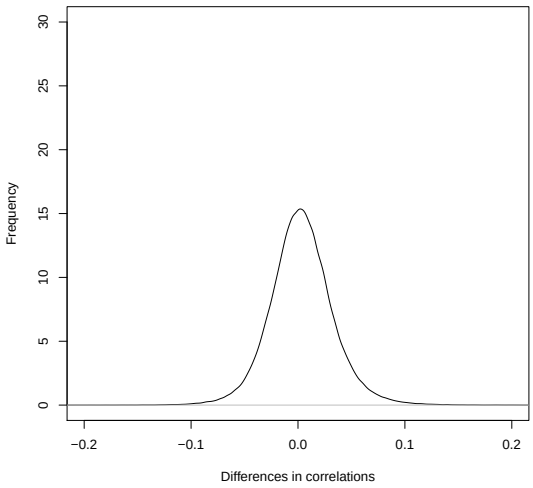


Figure 18: Replication sample Pearson minus polychoric correlations

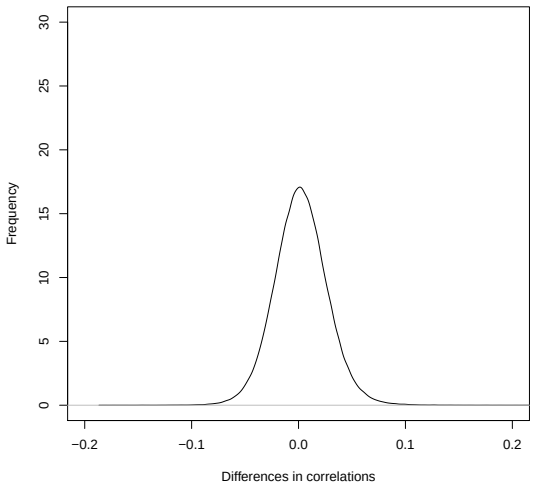


Figure 19: Confirmatory sample Pearson minus polychoric correlations

```r
# this will give warnings - as it should!
expCor696rawSmoothed <- cor.smooth(expSampleCor696raw)
expCor696rawUnsmoothed <- expSampleCor696raw
# another warning is in order
repCor696rawSmoothed <- cor.smooth(repSampleCor696raw)
repCor696rawUnsmoothed <- repSampleCor696raw
# and another warning
confCor696rawSmoothed <- cor.smooth(confSampleCor696raw)
confCor696rawUnsmoothed <- confSampleCor696raw

cordiff8 <- expCor696rawSmoothed - expCor696rawUnsmoothed
# how different are they?
diag(cordiff8) <- NA
descordiff8 <- psych::describe(cordiff8)[1:8, c(1:4, 8:10, 13)]
descordiff8
```

```
##      vars   n  mean   sd   min  max range se
## q_6     1 695  0.00 0.03 -0.10 0.13  0.24  0
## q_20    2 695  0.00 0.05 -0.19 0.11  0.30  0
## q_22    3 695 -0.01 0.04 -0.13 0.09  0.22  0
## q_23    4 695 -0.01 0.03 -0.10 0.07  0.16  0
## q_26    5 695 -0.01 0.04 -0.11 0.08  0.20  0
## q_31    6 695 -0.01 0.03 -0.14 0.08  0.22  0
## q_35    7 695 -0.01 0.03 -0.20 0.13  0.32  0
## q_38    8 695  0.00 0.04 -0.19 0.10  0.29  0
```

```r
# how many differences are greater than |0.2| in magnitude?
sum(abs(cordiff8) > 0.2, na.rm = TRUE)
```

```
## [1] 40
```

```r
# out of how many?
((696^2) - 696)/2
```

```
## [1] 241860
```

```r
# greater than |0.15| in magnitude?
sum(abs(cordiff8) > 0.15, na.rm = TRUE)
```

```
## [1] 460
```

```r
# what's the mean difference?
cordiff8plot <- cordiff8
mean(cordiff8plot, na.rm = TRUE)
```

```
## [1] -0.00457188
```

```r
# make a frequency plot of the differences
cordiff8plot[upper.tri(cordiff8plot, diag = TRUE)] <- NA
pdf(paste(filepathfig, "smoothedVunsmoothedE.pdf", sep = ""), onefile = TRUE)
plot(density(cordiff8plot, na.rm = TRUE), main = "", ylab = "Frequency", xlab = "Differences in correlations",
    xlim = c(-0.2, 0.2), ylim = c(0, 30))
dev.off()
```

```
## pdf
##   2
```

The differences between the smoothed and unsmoothed correlation matrices are surprisingly similar to the differences between the Pearson and polychoric matrices — and similarly small. The mean difference in the Exploratory sample is -0.0046, the mean difference in the Replication sample is -0.0024, and -0.0025 in the Confirmatory sample. Figures 20 through 22 suggest that the differences are randomly distributed around zero.

It is theoretically possible to eliminate the need for smoothing by dropping one (or more) of the items in highly correlated sets. By way of anecdote, I have tried to do this in the Exploratory sample by dropping one item from pairs of items that are correlated above an arbitrary threshold (e.g., 0.95). This invariably altered the correlation matrix in such a way that additional items needed to be removed. By the time several items had been removed, I became concerned that the resulting correlation matrix would be meaningfully theoretically different from the original matrix.

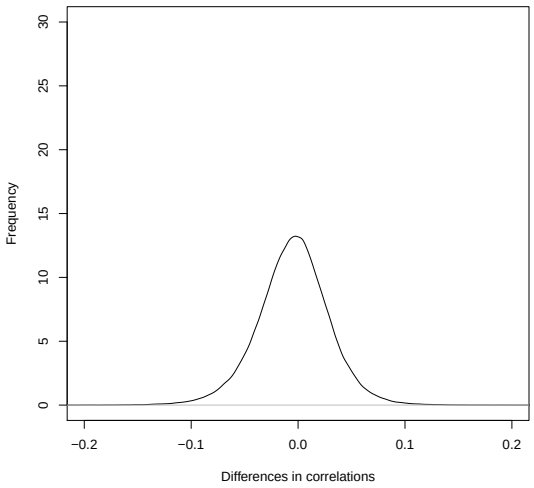


Figure 20: Exploratory sample smoothed minus unsmoothed correlations

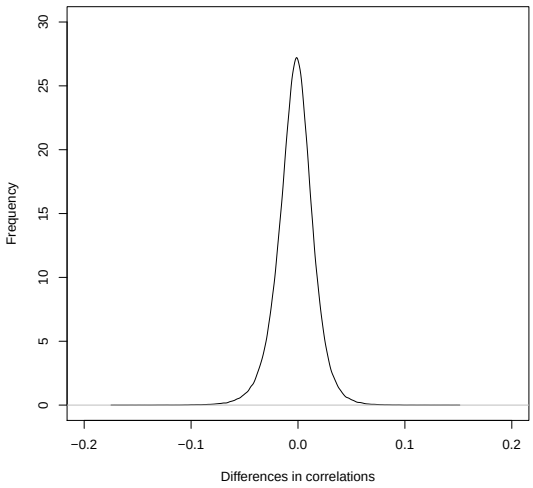


Figure 21: Replication sample smoothed minus unsmoothed correlations

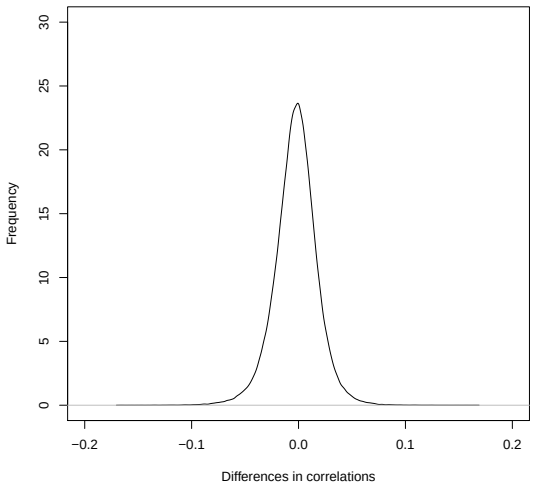


Figure 22: Confirmatory sample smoothed minus unsmoothed correlations

As a digression, this phenomena provides useful insight into the nature of dependency in the universe of personality items. As Goldberg (1992) noted: "like the stars in the sky... there are some more densely concentrated regions, some semantic galaxies, within the widespread distribution of personality descriptors." We observe the same situation with these 696 phrased personality items. I don't know where one would begin if they hoped to disentangle whether these concentrated regions result from bias in measurement (e.g., non-representative sampling of items from the extant and potential universe of personality items [Goldberg, 1992]), a bias caused by observability (see topics related to "self-other knowledge assymetry" [Vazire, 2010]), a reflection of underlying biologically/socially-induced mechanisms (DeYoung, 2014; Revelle and Condon, 2015), some combination of these factors, or others which are not listed here. Though fascinating to consider, these theoretical issues are well beyond the scope of the current work. Still, it is important to acknowledge that the items are not uniformly distributed across the multidimensional personality space. This is a consequence of the item selection procedures described in Section 2 and will be important again in Section 4.6 on rotational methods.

In any case, the smoothed correlation matrix is necessary to continue with these analyses, so that's what I'll be using. It is reassuring to note that it is very nearly identical to the unsmoothed matrix.

4.4 Factoring techniques: principal components analysis vs factor analysis

The difference between principal components analysis and common factor analysis (typically referred to as merely factor analysis, though often an important differentiation is made between exploratory and confirmatory factor analysis) is both theoretically interesting and practically inconsequential. The practical inconsequence is shown in the code below, where I compare 3 examples of exploratory factor analysis and principal components analysis using randomly generated extraction levels.

```
rm(list = setdiff(ls(), c("confSample", "confCor696rawSmoothed", "DataItems",
    "DemoItems", "expSample", "expCor696rawSmoothed", "filepathdata", "filepathfig",
    "ItemInfo696", "pwiseAdmins1C", "pwiseAdmins1E", "pwiseAdmins1R", "repSample",
    "repCor696rawSmoothed")))

# identify three levels to extract from 1 to the max we do this at random as
# a precaution against manipulation
randomExtraction <- sample(1:dim(expCor696rawSmoothed)[1], 3)
# what are they
randomExtraction

## [1] 427 438 200

# get the PCA solutions
example1PC <- principal(expCor696rawSmoothed, randomExtraction[1], n.obs = pwiseAdmins1E$mean,
    rotate = "none")
example2PC <- principal(expCor696rawSmoothed, randomExtraction[2], n.obs = pwiseAdmins1E$mean,
    rotate = "none")
example3PC <- principal(expCor696rawSmoothed, randomExtraction[3], n.obs = pwiseAdmins1E$mean,
    rotate = "none")
# and the FA solutions
example1FA <- fa(expCor696rawSmoothed, randomExtraction[1], np.obs = pwiseAdmins1E$mean,
    rotate = "none")
example2FA <- fa(expCor696rawSmoothed, randomExtraction[2], np.obs = pwiseAdmins1E$mean,
    rotate = "none")
example3FA <- fa(expCor696rawSmoothed, randomExtraction[3], np.obs = pwiseAdmins1E$mean,
    rotate = "none")

loadingsDiffexample1 <- example1PC$loadings[1:696, 1:randomExtraction[1]] -
    example1FA$loadings[1:696, 1:randomExtraction[1]]
max(abs(loadingsDiffexample1))

## [1] 0.001191102

mean(loadingsDiffexample1)

## [1] 1.230628e-06

loadingsDiffexample2 <- example2PC$loadings[1:696, 1:randomExtraction[2]] -
    example2FA$loadings[1:696, 1:randomExtraction[2]]
max(abs(loadingsDiffexample2))
```

```
## [1] 0.002319941

mean(loadingsDiffexample2)

## [1] 1.266322e-06

loadingsDiffexample3 <- example3PC$loadings[1:696, 1:randomExtraction[3]] -
    example3FA$loadings[1:696, 1:randomExtraction[3]]
max(abs(loadingsDiffexample3))

## [1] 0.000369087

mean(loadingsDiffexample3)

## [1] 1.256287e-06
```

The examples above demonstrate that the loadings are basically identical between the factor analytic and principal components approaches. This is, by far, the most relevant point for our purposes — it doesn't matter much. It should be noted that this is not *always* the case. See Fabrigar et al. (1999) for more information about the circumstances that affect the magnitude of the differences in results. The theoretically interesting angle comes, in part, from recognition that the code given above invokes the option that 'rotate="none"' for both the factor analyses and the principal components analyses. For both principal components and factor analytic procedures, the rotation of the solution can meaningfully change the interpretability of the solution (more on this in Section 4.6), but for principal components analysis it makes things really confusing. Rotation of the PCA solution leads to rotated components which are intrinsically different from the principal components (e.g., they're not *principal* components).

Let's back up. There are a huge number of psychometric particulars which might be included here but are not particularly relevant to the current work (see Comrey, 1988 for an introduction to the topic; more enthusiastic readers are directed to Goldberg and Velicer, 2006 and the special issue in *Multivariate Behavioral Research* from 1990). Still, there are a couple of good reasons for trying to understand the theoretical differences even though the practical consequences are not substantial. One good reason is that the default methods in the most widely-used statistical packages are inconsistent; SPSS, for example, performs a PCA when users call for a factor analysis. Another good reason is that principal components analyses were widely used among personality psychologists during (and prior to) the identification of the Big Five/Five Factor Model.[17] In terms of theoretical rationale, the factor analytic approach should be preferred. This is because factor analysis begins with the presumption that the observed variables are caused by latent factors. So, it allows for *exploration* of the extent to which variance is common to multiple items. PCA, by contrast, does not presume this; it's really just intended as a means of data reduction via the extraction of linear composites of *observed* variables. The biggest practical difference between the two is that decomposition of the correlation matrix with PCA will take into account the full, total variance (common and specific), whereas with factor analysis we identify factors which explain the common variance. In both cases, rotation will improve the interpretability of these approaches — for factor analysis, this is achieved without changing the meaning of the factors but for PCA... once you have rotated the components to make them more interpretable, the meaning of the results becomes murky.

In any case, we are primarily concerned with the loadings and less concerned with the (total) variance explained. I illustrate some of the more rudimentary differences between the two approaches below by demonstrating that the eigenvalues from the prinicipal components are identical despite the number of components extracted (as they should be — this is fundamental) whereas they differ slightly depending on the number of factors extracted. Also the sum of the eigenvalues in all solutions is equal to the number

[17] It's not entirely clear (to the author) why this is the case, though part of the reason may be driven by the fact that PCA is less computationally intensive than factor analysis (Velicer and Jackson, 1990; Fabrigar et al., 1999), and this was likely important before the widespread availability of sufficiently powerful computers. It's hard to believe, but for at least 50 years before the mid-1980s or so, researchers computed large factor analyses by hand or with primitive computing technology. Computational difficulty was a very important concern. Obviously, any differences in difficulty between the two approaches are now rendered moot by modern statistical software. I have encountered other arguments in favor of PCA (i.e., factor analyses occasionally produce Heywood cases, etc., [Gorsuch, 1997]) but none of these are particularly compelling.

of items (this is also fundamental as it is merely the sum of the diagonal; all 1's because they include the common and specific variance). The sum of the eigenvalues for the factor analysis solution only sum to the portion of variance described by the common factor variance; this would be a proportion of the total variance if divided by the number of items.

```
example1PC$values[1:30]

##  [1] 72.591792 38.403451 30.615688 23.584643 19.213917 13.141994  9.248261
##  [8]  6.749767  6.295210  5.803188  5.138152  4.810463  4.663494  4.406994
## [15]  4.301952  4.189391  3.869518  3.658774  3.547343  3.288665  3.204637
## [22]  3.080179  3.032797  3.021639  2.975996  2.928873  2.791400  2.759870
## [29]  2.711237  2.689373

example2PC$values[1:30]

##  [1] 72.591792 38.403451 30.615688 23.584643 19.213917 13.141994  9.248261
##  [8]  6.749767  6.295210  5.803188  5.138152  4.810463  4.663494  4.406994
## [15]  4.301952  4.189391  3.869518  3.658774  3.547343  3.288665  3.204637
## [22]  3.080179  3.032797  3.021639  2.975996  2.928873  2.791400  2.759870
## [29]  2.711237  2.689373

example3PC$values[1:30]

##  [1] 72.591792 38.403451 30.615688 23.584643 19.213917 13.141994  9.248261
##  [8]  6.749767  6.295210  5.803188  5.138152  4.810463  4.663494  4.406994
## [15]  4.301952  4.189391  3.869518  3.658774  3.547343  3.288665  3.204637
## [22]  3.080179  3.032797  3.021639  2.975996  2.928873  2.791400  2.759870
## [29]  2.711237  2.689373

sum(example1PC$values)

## [1] 696

sum(example2PC$values)

## [1] 696

sum(example3PC$values)

## [1] 696

example1FA$values[1:30]

##  [1] 72.587823 38.399386 30.611714 23.580656 19.209828 13.137961  9.244240
##  [8]  6.745831  6.291162  5.799099  5.134048  4.806370  4.659456  4.402928
## [15]  4.297932  4.185343  3.865455  3.654755  3.543273  3.284617  3.200569
## [22]  3.076170  3.028729  3.017591  2.971920  2.924816  2.787378  2.755846
## [29]  2.707222  2.685308

sum(example1FA$values)

## [1] 693.1858

example2FA$values[1:30]

##  [1] 72.588575 38.400151 30.612413 23.581361 19.210566 13.138694  9.244952
##  [8]  6.746547  6.291896  5.799813  5.134802  4.807098  4.660167  4.403648
## [15]  4.298659  4.186056  3.866196  3.655463  3.544012  3.285317  3.201291
## [22]  3.076883  3.029468  3.018308  2.972648  2.925537  2.788069  2.756545
## [29]  2.707929  2.686016

sum(example2FA$values)

## [1] 693.6894

example3FA$values[1:30]

##  [1] 72.419021 38.227089 30.442008 23.412453 19.040088 12.969973  9.073081
##  [8]  6.580124  6.120347  5.629514  4.964359  4.633653  4.489429  4.230298
## [15]  4.132257  4.018083  3.697514  3.487285  3.372234  3.116448  3.032492
## [22]  2.909823  2.857909  2.848438  2.802207  2.755488  2.621137  2.588918
## [29]  2.540318  2.515527

sum(example3FA$values)

## [1] 574.6869
```

To summarize, the distinction between principal components and factor analysis doesn't matter much for our purposes and the difference is rendered even less meaningful when we consider the fact that we will want to rotate the loadings in either case. I proceed by using the factor analytic approach.

4.5 Factoring techniques: factoring methods

Before considering rotational techniques, we must first distinguish among factoring methods. There are many options; these are often confused with rotational methods and the differences between factoring methods are perceived to be highly technical. This perception is accurate — they are nerdy technical. Essentially, the goal of factor analysis (and principal component analysis) is to identify the factors (or components) that minimize the differences between the correlation matrix that is put into the computational function and a more compact model of the correlations with the specified number of dimensions. In other words, the function calls for reduction of the *given* correlation matrix to a smaller factor matrix with n dimensions where n is the number of factors being extracted. Many different methods have been developed to accomplish this matrix algebra magic and they are referred to by the criteria on which they focus.

These are the most prominently used:

- "ordinary least squares" (aka "minres", aka "unweighted least squares", aka "minimized residuals") aims to minimize the residuals between the correlations given and those which are reproduced by the factor matrix
- "generalized least squares" (sometimes aka "weighted least squares") minimizes the residuals as above but also disproportionately weights correlation coefficients with high communality (in the current iteration of the algorithm)
- "generalized weighted least squares" is a special case of generalized least squares that is useful when the variances of the observations are (highly) unequal (i.e., the case of heteroscedasticity)
- "maximum likelihood" assumes that the residuals between the given correlation matrix and the model are normally distributed around zero

Practically speaking, the extent to which these factoring methods affect the results is relatively small, as illustrated in the following examples.

```
# get some more random numbers (between 2 and 10) to use as extraction
# levels
more_randomExtraction <- sample(2:10, 2)
# what are they?
more_randomExtraction

## [1] 5 8

# show some examples of different factoring methods: minres aka ordinary
# least squares
example4FA <- fa(expCor696rawSmoothed, more_randomExtraction[1], np.obs = pwiseAdmins1E$mean,
    fm = "minres")
# weighted least squares
example5FA <- fa(expCor696rawSmoothed, more_randomExtraction[1], np.obs = pwiseAdmins1E$mean,
    fm = "wls")
# generalized weighted least squares
example6FA <- fa(expCor696rawSmoothed, more_randomExtraction[1], np.obs = pwiseAdmins1E$mean,
    fm = "gls")
# maximum likelihood
example7FA <- fa(expCor696rawSmoothed, more_randomExtraction[1], np.obs = pwiseAdmins1E$mean,
    fm = "ml")

# compare minres loadings to wls loadings
loadingsDiffexample4and5 <- example4FA$loadings[1:696, 1:more_randomExtraction[1]] -
    example5FA$loadings[1:696, 1:more_randomExtraction[1]]
max(abs(loadingsDiffexample4and5))

## [1] 6.744605e-15
```

```
mean(loadingsDiffexample4and5)

## [1] -1.652623e-17

# compare minres loadings to gls loadings
loadingsDiffexample4and6 <- example4FA$loadings[1:696, 1:more_randomExtraction[1]] -
    example6FA$loadings[1:696, 1:more_randomExtraction[1]]
max(abs(loadingsDiffexample4and6))

## [1] 6.744605e-15

mean(loadingsDiffexample4and6)

## [1] -1.652623e-17

# compare minres loadings to ml loadings
loadingsDiffexample4and7 <- example4FA$loadings[1:696, 1:more_randomExtraction[1]] -
    example7FA$loadings[1:696, 1:more_randomExtraction[1]]
max(abs(loadingsDiffexample4and7))

## [1] 0.02391274

mean(loadingsDiffexample4and7)

## [1] 0.0001501673

# compare wls loadings to gls loadings
loadingsDiffexample5and6 <- example5FA$loadings[1:696, 1:more_randomExtraction[1]] -
    example6FA$loadings[1:696, 1:more_randomExtraction[1]]
max(abs(loadingsDiffexample5and6))

## [1] 0

mean(loadingsDiffexample5and6)

## [1] 0

# compare wls loadings to ml loadings
loadingsDiffexample5and7 <- example5FA$loadings[1:696, 1:more_randomExtraction[1]] -
    example7FA$loadings[1:696, 1:more_randomExtraction[1]]
max(abs(loadingsDiffexample5and7))

## [1] 0.02391274

mean(loadingsDiffexample5and7)

## [1] 0.0001501673

# compare gls loadings to ml loadings
loadingsDiffexample6and7 <- example6FA$loadings[1:696, 1:more_randomExtraction[1]] -
    example7FA$loadings[1:696, 1:more_randomExtraction[1]]
max(abs(loadingsDiffexample6and7))

## [1] 0.02391274

mean(loadingsDiffexample6and7)

## [1] 0.0001501673
```

The maximum likelihood loadings are most different from the remaining three measures, but they still aren't much different. The mean difference in the loadings for maximum likelihood and the other methods is less than .0001 in all cases. The 'gls' and 'wls' options are exactly identical in this case and both are effectively identical to the 'minres' approach. I use the minres approach with high confidence that the results would be very similar if maximum likelihood were used instead.

4.6 Factoring techniques: oblique vs orthogonal rotations

Where to begin? The decision to be made here is both theoretically and practically consequential and it is also closely tied to other critical topics like item sampling, validity, and — believe it or not — internal consistency (not to mention other factoring options like the potential use of principal components). And, despite the importance of this consideration, there is a historical lack of consensus about the best approach. It is not much of an overstatement to say that this issue is fundamentally important to this project, the personality inventory that results from it and this research area as a whole.

As a psychometric topic, this can be generally understood without too much math. Rotation comes into play after the factors have been extracted. Sometimes, the initial solution is hard to interpret by virtue of the iterative procedures for extracting factors (the first factor is extracted and "located" based on the strength of covariation among the variables, then the second factor and so on). If rotations are allowed, then various methods can be used to re-position the factors (think vectors or axes) with the goal of making the solution more simple and clear. Mathematically, the solution is transformed to reduce the complexity of the solution by using one of many different algorithms. The biggest distinction among these algorithms relates to orthogonality (Osborne, 2015). Orthogonal rotation algorithms force the factors to remain orthogonal; the factors tend to be orthogonal in the original, unrotated solution because of the iterative procedures by which factor analysis unfolds. Spatially, orthogonality means that all factors are at right angles to one another (think of the x, y, and z axes in 3 dimensional space); orthogonal factors are uncorrelated with one another. Oblique rotation algorithms do not force the factors to be orthogonal, though they also do not force the factors to be obliquely oriented. It is possible (and common) to get a roughly orthogonal or even perfectly orthogonal solution when using an oblique rotational algorithm.[18] The use of an oblique rotation just relaxes the constraint of orthogonality.

One additional observation is worth making: the allowance of oblique rotations will not result in *highly* correlated factors because such factors would be more likely to be joined in the original solution. Note the emphasis on highly. The extent to which they might be correlated will depend on the complexity of the solution. By this, I only mean that the extent to which the factors might be expected to correlate will increase as more and more factors are extracted (and, obviously, as the underlying variables demonstrate high correlations by virtue of being clumpy).

Now, why does this matter? Thurstone (1947) is the one who first strongly emphasized the usefulness of rotation and he is often cited as laying out the criteria for simple structure (read: low complexity). Not all of his criteria are strictly followed but they are frequently recited in the literature (Carroll, 1953; Bernaards and Jennrich, 2003; Pettersson and Turkheimer, 2010, 2014). Rotations make the output of factor analysis more meaningful and oblique rotations allow it to be even more meaningful than orthogonal rotations (recall that orthogonal solutions are possible outcomes of oblique rotation algorithms). Rotation improves the interpretability by altering the loadings of items on the factors. The mathematical formula for complexity is based on the loadings, so when the rotational algorithms are iterating through the options for minimizing complexity, they do so by simultaneously changing the loadings of the items (as a set, thanks to the magic of matrix algebra). Orthogonal rotations will minimize complexity with the constraint of orthogonality. Allowance for obliqueness will minimize complexity further. It is often claimed that this further reduction comes at a cost, that correlated factors are more difficult to interpret by virtue of being harder to distinguish in terms of content (because... they're correlated). If this seems a little circular, I agree! The whole point of reducing complexity — the rationale for rotation — is to improve interpretability! It seems to me that the most logical approach is to reduce complexity as much as possible with rotation (by allowing for correlated factors) and then evaluate the solution for interpretability. Some solutions just don't make sense.

From a psychometric perspective, the use of oblique rotational algorithms allows for less complex, more simple solutions and offers the potential to make solutions more interpretable. From a theoretical perspective, the issue of factor rotation matters because it is my goal to improve upon existing assessment models of personality in terms of predictive utility. Goldberg (pp. 184-185, 1993a) has

[18] Anecdotally, whenever I have seen someone claim that rotational method makes no difference in interpretability (see Brown, 2009), it is because they are looking at factors which are largely uncorrelated. This suggests that their interpretation of the impact of rotation is biased due to extrapolation of cases where the impact is low.

described the essence of this goal based on the presumption of orthogonality and simple structure:

> "A perfect hierarchical model would consist of L higher order factors, M additional orthogonal common factors, each associated with a particular facet, and then K specific factors, one for each item. Every item would contain some variance associated with one or more of the L higher order factors, some additional variance associated with one of the M lower order factors, plus some specific variance of its own. The eigenvalues of the matrix of correlations among the items should show a break between the sizes of factors L and L + 1, and then again between Factors M and M + 1. All real data sets, however, will doubtless include variables with various combinations of the four types of variance [the 3 previously mentioned plus error], and thus there will rarely be any huge breaks in the sizes of the eigenvalues. ... It is for this reason that one must think hierarchically when using multiple regression analyses in applied prediction contexts. With any typical data matrix, as ones sample size increases, one will profit by reaching down lower in the hierarchy to select ones initial predictor variables. For small samples, one must stay with only the [highest order] variances of the highest order factor scores to avoid capitalizing on the chance vagaries of ones derivation sample. For large samples, one should use the M facet scales because each contains some [additional] variance beyond the highest level factors. For populations (or huge samples), one should use the items because each item contains some [specific] variance beyond its [additional facet-level] variance and [highest order] variance. ... By partialing out sources of variance at successively lower levels, the aim is to arrive at unidimensional subsets of items, with each subset being orthogonal to each of the others. In such a model, all sources of common variance have been partialed out of the lowest level factors, and the resulting factor representation is that of perfect simple structure. In this idealized unidimensional model, there is no nonarbitrary basis for ordering the items that load on each lowest level factor."

There is little basis to say anything with certainty regarding the true structure of human personality, but we should be willing to bet the house that it isn't simple. This confidence is partly grounded in considerable evidence against simple structure (see Condon (2014) and Pettersson and Turkheimer (2014) for more thorough discussion and evidence of moderate-to-high correlations between facets in the IPIP-NEO, the IPIP-HEXACO and the Big Five Aspect Scales) but, more than that, it's grounded in the astronomical odds against simple structure as the best option among the innumerable possibilities.

Goldberg's "perfect" model is optimal for the unique case of very simple structure. But, *in the absence of perfectly simple structure*, oblique solutions will tautologically be less complex than perfectly orthogonal solutions (Osborne, 2015; Fabrigar et al., 1999). The claims that Goldberg makes regarding the utility of hierarchical models are quite compelling as is his description of the most elegant hierarchical model possible, with orthogonal, very simple structure. But these two ideas are not necessarily related.[19] The hierarchical approach remains incrementally useful for prediction and, if anything, the ability to dispense with orthogonality at each level makes his observations regarding increased predictive utility more true as the levels are, in some sense, liberated by the opportunity to be derived with structural independence.

Previous attempts to identify hierarchical models of personality (DeYoung et al., 2007; Ashton et al., 2007; Costa and McCrae, 1992, 1995; McCrae and Costa, 1992; Soto and John, 2009) have not generally capitalized on this opportunity.[20] In the case of the most widely used hierarchical model, the NEO-PI-R™(Costa and McCrae, 1992; McCrae and Costa, 2010), this is particularly curious because they (pp. 230-231, McCrae and Costa, 1992) seem to acknowledge the logic:

> "The NEO-PI-R is based on an alternative, hierarchical, view of the five-factor model, in which individual traits at the lower level of the hierarchy are assumed to contain both common and specific variance. By measuring separate facets, additional information is thought to be

[19] We don't believe that Goldberg was claiming this, though it's not clear. Readers should be warned that, if they choose to read this Goldberg article, they run the risk of feeling compelled to study personality structure for the rest of their lives.

[20] Hofstee et al. (1992) did begin to approximate the fully oblique hierarchical model by integrating the circumplex and Big Five approaches. The AB5C model acknowledges the considerable covariation that occurs interstitial to the axes of the five factor solution.

> obtained about the individual over and above that which could be obtained from the five common factors. In this view, the five factors themselves are not sufficient for a complete description of personality, except at the global, higher level of the hierarchy."

Yet, the NEO-PI-R™(and, similarly, the HEXACO facet structure and, to a lesser extent, the BFAS aspect structure) seems to be hung up on the emphasis on orthogonality at the highest domain level (5 for the NEO-PI-R™and the BFAS and 6 for the HEXACO). Orthogonality is emphasized at the highest domain and the scores for this level are equivalent to the sum of the facet level scores that are theoretically proposed to underlie each domain (Costa and McCrae, 1995; McCrae and Costa, 1992; Lee and Ashton, 2004). This means that, as a group, the items in each domain are theorized to be orthogonal to the items in all other domains. But, it's not clear what this means for the orientation of the facets/aspects. It does not mean that the facets in each group are orthogonal (as a group or independently) to the facets in the other domains, nor does it say anything about the orientation of the facets to one another (the BFAS aspects are orthogonal within each domain by design). There could in fact be substantial correlations between the facets, which might be misinterpreted as suggesting that these facets describe the interstitial space (between factors) better than the domains — this is not true because the facets are comprised of the same items as the domains.

Theoretically, the facets/aspects of the NEO-PI-R™, HEXACO, and BFAS are (1) almost certainly not orthogonal to other facets within or across their domains (this is an empirical question which can, has, and should continue to be evaluated); (2) unlikely to describe the variance of the personality space constituted by their items as well as an independent solution that is not tied to their higher level domains; and (3) inherently unable to include constructs which might fall "beyond" the higher level domains by virtue of the fact that the facets are derived solely using items which are highly loaded *on* the highest level domains.[21] It is not clear why solutions at levels other than five (or six) need to be confined by reliance on orthogonality at the five/six factor level (or at any level). Indeed, oblique solutions should be as good or better at any level of factoring if the solutions at different levels are independent of orthogonality constraints at other levels.

Note that this does not mean that solutions at all levels are equally valid, nor that forced orthogonality invalidates the NEO-PI-R™, HEXACO, BFAS or any other solution. As Saucier (p. 23, 2002) explains (the emphases are his): "One element of adequate validity is a congruence between what the instrument is *believed* (or theorized) to measure and what the instrument is *demonstrated* to measure. I noted earlier that the Big Five factors have been *theorized* to be independent factors and that the failure of marker sets to *demonstrate* mutually [sic] orthogonality among the factors creates a validity issue jointly for these marker sets and for the theoretical standpoints they are supposed to operationalize." Non-orthogonality of supposedly orthogonal Big Five scales was also a criticism of Block (1995). Saucier explains that the reasons for non-orthogonality in the scales despite orthogonal rotations during scale development are largely due to scale construction procedures that attempt to maximize reliability (by using the scale scores based on salient items rather than the full factor scores). Evidence for non-orthogonality does not invalidate extant scales but rather suggests that these scales may be improved upon by allowances for correlated factors from the outset.

A reasonable reaction to this prolonged discussion regarding just one single analytic option might be to wonder if this minor issue is being over-emphasized. I really don't think so. The fundamental presumption of orthogonality, especially in hierarchical scales, has broad consequences for the field. Three suggestive examples are given below.

4.6.1 Fractal structure at all levels

An interesting phenomenon occurs when one attempts to factor a sufficiently large set of items and then factor those factors and then factor those factors (and so on until no more salient factors are left). There appears to be some support for the near fractal form of these data and analytic methods (Barrett, 2005) as the structure looks similarly complex at each nested level of analysis. This is evident in the network

[21] Forgive the bold font but I can't help raising my voice a little. Argh. More spherical cows.

plots of Figures 23 to 29 in which the items loading onto the first factor are re-factored into multiple 3 factor solutions. If the item set were larger, it seems likely that this trend would have persisted through further iterations of factoring. For comparison purposes, each network graph is accompanied by a graph that demonstrates correlations between an equivalent number of items with perfectly simple structure (i.e., each item being completely uncorrelated with all others).

One way to interpret the empirically complex orientation between the items at each level of analysis is that there is no particular basis for using the structure at one level of a hierarchy to parameterize the structure at the next level. In other words, there does not seem to be more parsimony or elegance gained at the second level (the facets) by restricting measurement at that level to the orthogonally (or even obliquely) organized axes of the first level (the domains/factors). It is equivalently messy, so there is no theoretical basis for limiting measurement at levels beyond the factors to include only those pockets of the multi-dimensional space which fit well at higher levels. Just as astronomers do not limit their research by only studying the internal structure of the five nearest solar systems, nor should personality psychologists focus on the internal structure of the Big Five. Yet, most of the widely-used hierarchical measures do this exactly, presumably because they were limited in their construction by attempts to maintain orthogonality at the highest level.

4.6.2 Heterarchical arrangement of items in predictive applications

One consequence — or perhaps a cause — of the tendency to invoke orthogonality in structure is the related tendency to organize traits into tidily nested, tree-like structures, sometimes referred to as dendritic-nesting. This line of thinking suggests that the Extraversion items all belong to one and only one facet, each facet is tied to only one domain (factor), and Extraversion itself is perhaps wholly subsumed by the super-ordinate factor "Beta" (Digman, 1997).

There is nothing explicitly wrong with the tendency to organize the traits this way. It can be done but it seems motivated by an unrealistically symmetric and psychometric view of the world. In addition to the aforementioned evidence that these neatly nested models do not approximate reality in assessment, they imply a strict and inflexible "org chart" like those which might be used at a bureaucratic corporation. It is commonplace for personality psychologists to conduct research by pointing their org chart at the criterion du jour: first, evaluate the associations between the criterion variable and the Big Five and then follow up with further evaluations at the facet level for the one or two most highly related Big-Five factor(s).[22] This would be a reasonable approach if reality reflected orthogonality. If the NEO-PI-R™, for example, were strictly orthogonal, then by the transitive property, it would be true for an outcome which was more highly associated with Conscientiousness than with Extraversion that all facets of Conscientiousness would be more highly associated with the outcome than all facets of Extraversion (note that the rationale here is essentially the same as for the bifactor example given above).

Reality requires a predictive model that is far more flexible and dynamic, one which is heterarchical. Though not widely-used, this term simply refers to a subset of hierarchical models that allows for dynamic reorganization of the constituent parts within and, more importantly, across levels of the hierarchy as needed. In the case of predictive modeling, this would be as needed based on different criterion. Several authors have recently made similar observations about the structure of personality items, scales and sets of scales. Heterarchical organization of the traits is indirectly implied, for example, in several features of DeYoung (2014)'s Cybernetic Big Five Theory, the dynamic three-level model of Revelle and Condon (2015), in the observations of Mõttus (2016) regarding the common and unique variance predicted by facets and factors, and above all by the network model of Cramer et al. (2012). The latter paper provides an excellent description of the heterarchical structure among personality items (without ever using the word heterarchy) and expounds upon several ramifactions with regards to the behavioral and temporal incompatibilities of behaviors (and the items that assess them — "you can't like parties if you don't like people").

The trouble is that none of these authors prescribe feasible remedies for personality assessment. To support this claim, it seems worth pulling another long quote, this time from Cramer et al. (p. 417, 2012):

[22] Lest readers get defensive, note that I have used this strategy to good effect as well, though I hope to avoid the practice in the future now that I know better.

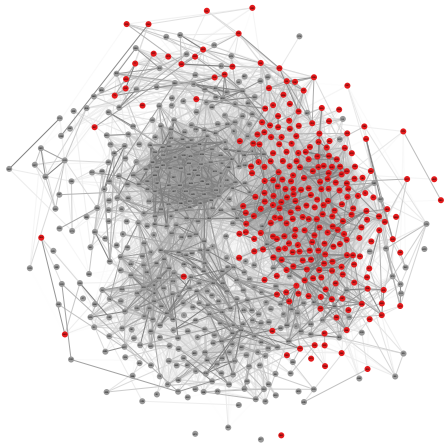


Figure 23: Network plot based on correlations between all 696 items. Note that the structure of all 696 items is considerably different from the simulated simple structure in Figure 24. Items in red are those with primary loadings on the first of 3 extracted factors — correlations between these items are factored again Figure 25.

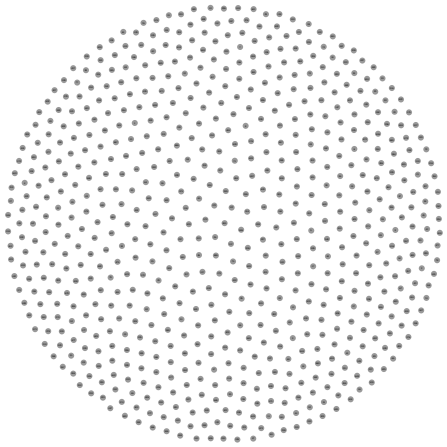


Figure 24: Network plot based on simulated correlations reflecting perfectly simple structure for 696 items.

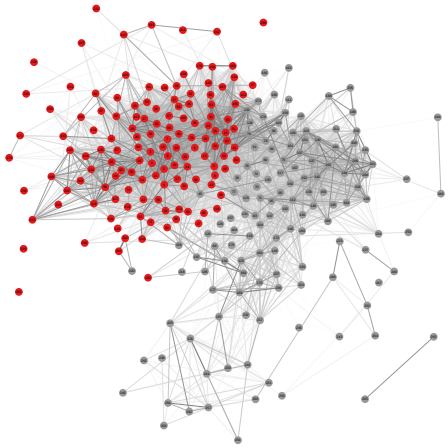


Figure 25: Network plot based on correlations between the items in red in Figure 23. Again, there is little evidence for simple structure among these 264 items (compare to Figure 26). Items in red here are those with primary loadings on the first of 3 extracted factors — correlations between these items are factored again Figure 27.

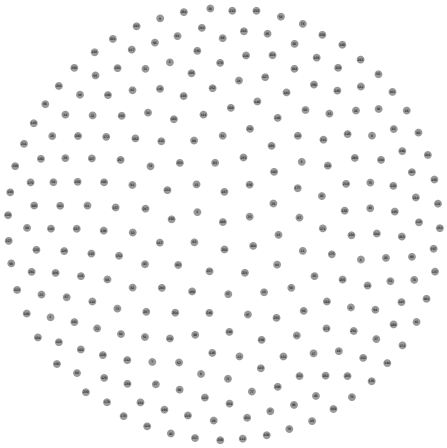


Figure 26: Network plot based on simulated correlations reflecting perfectly simple structure for 264 items.

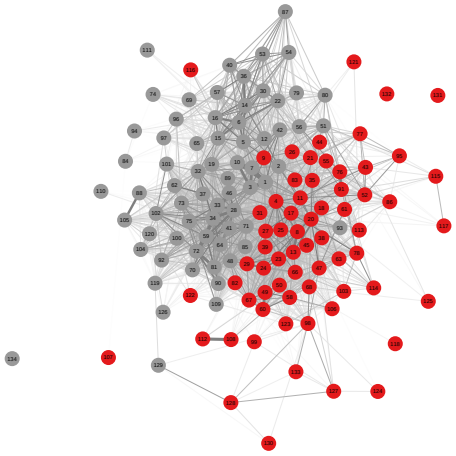


Figure 27: Network plot based on correlations between the items in red in Figure 25. Still no evidence for simple structure compared to Figure 28. Items in red here are those with primary loadings on the first of 3 extracted factors in these 136 items.

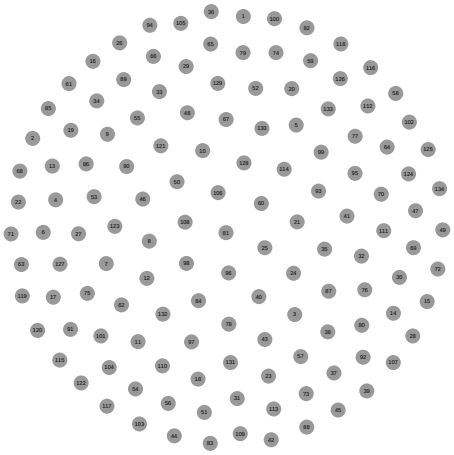


Figure 28: Network plot based on simulated correlations reflecting perfectly simple structure for 136 items.

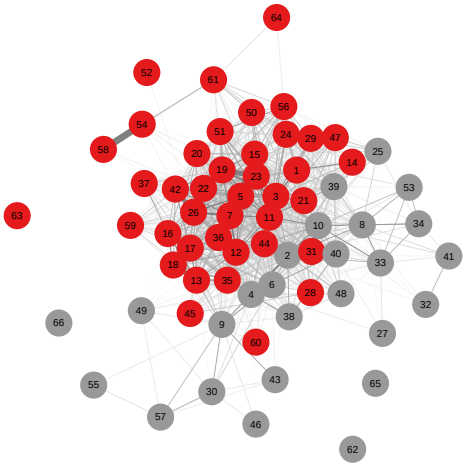


Figure 29: Network plot based on correlations between the items in red in Figure 27. Even when using the 66 items in the first factor of the first factor of the first factor of the 696 item set, simple structure is not evident.

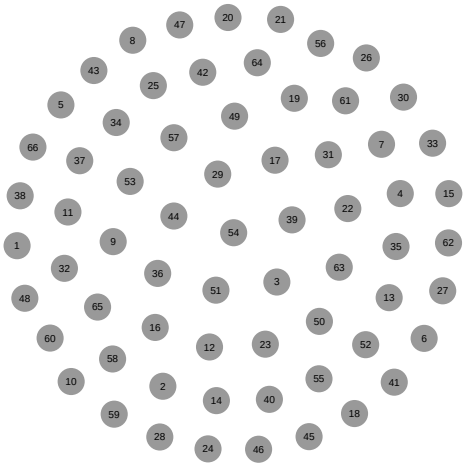


Figure 30: Network plot based on simulated correlations reflecting perfectly simple structure for 66 items.

> "The model with five latent traits influencing only their respective items ... does not fit the data ... which is mainly due to violations of simple structure: particularly, the correlations between items that belong to different personality dimensions are too high to be accounted for by the model. How can one address this problem? One way, the standard way in personality psychology (e.g., Savla et al., 2007) is by tweaking the model 'on the basis of the data' so that the basic latent variable hypothesis is preserved (e.g., by allowing cross-loadings, exploratory factor analysis with procrustes rotation; see also Borsboom, 2006 for an elaborate critique). Another way would be to make the simple structure model more complex, for example, by introducing first-order and second-order latent variables.... Another way, the central tenet of this paper, is to consider the misfit of the un-tweaked model, an indication that the latent variable hypothesis fails as an explanation of the emergence of normal personality dimensions, and to move on towards alternative models."

The authors successfully achieve their aim, but fail to propose feasible alternative models other than the one which is not addressed (more complex models with first- and second-order latent variables). My proposal includes two additional alternatives for assessment purposes. The first of these is highly similar to the more complex alternative suggested by Cramer et al. (2012) except that the levels for the latent variable models (whether the so-called first or second or any other level that may be specified) should be explicitly independent. The second alternative would be for the field of personality psychology to begin developing a repository of measures that are empirically designed to predict specific outcomes. All things being equal, outcome-specific models should be maximally predictive but the development of such a repository would be a massive undertaking. The main challenge is that a very large number of items and outcomes need to be simultaneously assessed in multiple, diverse samples in order to identify generalizable scales which do not either capitalize on chance or predictor/outcome circularity (e.g., predicting body mass from eating frequency or low activity levels). I believe that such a repository can be constructed and that personality researchers should provide information about the items (or similarly granular measures) that predict the criterion variables of interest whenever possible. Yet, a more empirically-informed and complex general-purpose model would seem to be more useful in many applications. Instead of ignoring the heterarchical nature of personality structure, such a model would be flexible enough to accomodate it. For further comments on heterarchy, see Section 6.6.2.

4.6.3 Bifactor confusion

It has recently become more common to examine the extent to which facets like those in the NEO-PI-R^{TM}can be used to predict outcomes beyond the domain (Five Factor) level using bifactor modeling techniques. These methods tend to produce results suggesting that particular facets are correlated with a criterion "above and beyond" the domains to which the facets are purportedly related (Chen et al., 2012). A common criticism is that it is theoretically difficult to interpret the meaning of most facets after removing the common variance of the higher-level trait (e.g., what is gregariousness without Extraversion?). But there is a more subtle problem caused by the fact that these analyses are often conducted without regard to the theoretical and empirical structure of the domains and facets of the measurement model. As previously suggested, there are many reasons to believe that the domains of the NEO-PI-R^{TM}(for example) are not orthogonal to one another despite the orthogonal rotational method used during their development. There is also no clear explanation of the structural orientation of the facets within any given domain, in part because this was not specified by the test developers at the outset and in part because each sample will likely (almost certainly) reflect idiosyncratic empirical orientation due to sample-size dependent instability in the correlations and other standard replicability concerns. In the case of the NEO-PI-R^{TM}, it is not even the case that the mean of the facet scores is necessarily equivalent to the domain score (this is somewhat counterintuitive). It is also not the case that facets describe the interstitial spaces between the domains more thoroughly than the domains themselves (again, this is somewhat surprising but necessarily true because both the domains and the facets use the same item set).

Bifactor analyses with measures such as these demonstrate only that facets have specific variance beyond the common variance (of the factor under study). Full stop. This may be worth demonstrating as a

psychometric exercise. But it says nothing about the location of the outcome in the multi-dimensional personality space. By that, I mean that a forced orthogonal solution between the factor and the facet-level residuals tells us nothing about the orientation of the factor or the facet in relation to all of the other factors and facets. In order to describe the absolute orientation of the scales to other structures in the personality space (factors, facets, or external criterion), considerable exploratory work is needed to identify the structure of each specific sample — and these results will still be biased unless a broader set of items is administered than those which are in the scales being used!

There are circumstances for which bifactor techniques are highly useful, but these generally do not include cases where the domain/factor and facet levels are non-orthogonal (and where there is little evidence of a "positive manifold"). See Chen et al. (2006) and Reise (2012) for more about useful applications of bifactor models and, especially, Chen et al. (p. 222, 2006) for orthogonality-related limitations and guidance. When exploring the relationship between criterion variables and factors/facets/items, there are at least two good alternatives: (1) describe the relationship between the predicted outcome and each level of the hierarchy independently — the domain level and the facet level (and maybe also the item level, if the sample is large enough); and (2) use residual regression methods to partial out the facet scores from the domain/factor score of interest. Researchers who want to explore the structural relationships of hierarchical facets to the scales (rather than criterion) are encouraged to use an omega factor analysis (without a Schmid-Leiman rotation or similar bifactor approach, Zinbarg et al., 2006) or a cluster analysis or a simple factor analysis of the facet scores (though this may not reproduce the purported higher level structure).

4.6.4 Conclusions about oblique vs orthogonal rotations

I hope to have made a thorough and compelling case for the allowance of oblique transformations of the factor analytic results. Further, the process of evaluating this analytic option has caused me to conclude that the identification of a hierarchical model need not depend upon orthogonality at any level and that the identification of optimally descriptive structure at any level should be independent of the structure at other levels. I will focus, therefore, on identifying the levels at which structure is most interpretable, most likely to replicate and most likely to be useful for making predictions.

In closing, it should be acknowledged that a very important question remains to be answered. Namely, is the use of more messy empirical models justified by greater predictive power? If not, it may not be worth the trouble to switch and the field should carry on indefinitely using variants of the NEO-PI-R™. The only way to know is through model testing. Time will tell.

4.7 Conclusions about the sensitivity analyses

We will proceed with the structural analyses by essentially using the same analytic parameters which are the defaults in the *psych* package (Revelle, 2016) in `R` (R Core Team, 2016a). A laissez-faire approach seems preferred, whenever possible. To be explicitly clear, we will conduct exploratory factor analysis using: (1) the 'fa' function rather than 'principal'; (2) the Pearson correlations rather than the polychorics; (3) the smoothed correlation matrix rather than the unsmoothed; (4) the 'oblimin' rotation option which allows for oblique rotations rather than 'varimax' or any other option that forces orthogonal rotations; and (5) the 'minres' factoring method rather than weighted or generalized least squares (or any of the many other options). The syntax will look like this:

fa(r, nfactors = *nfactors*, np.obs = *np.obs*, rotate = "oblimin", fm = "minres")
where:

- r is the smoothed correlation matrix based on Pearson correlations of the non-ipsatized data
- *nfactors* is the number of factors being extracted at each unique iteration of the analyses (we start at 1 and increase by 1, iteratively, in order to allow for comparison across solutions)
- *np.obs* is the mean number of pairwise observations among the items in the sample

The values for the number of pairwise observations were determined earlier as pwiseAdminsMeanE and pwiseAdminsMeanR in sections 3.2 and 3.3; these values are 528 for the Exploratory sample and 1,180 for the Replication sample. (Mean pairwise observations in the Confirmatory sample were 1,037, though this is not relevant until the CFA is conducted in Section 8). There are several additional options which can be specified in the 'fa()' function but they are not relevant for our purposes here. Note also that this code is the primary engine that underlies the wrapper function ('autoFactoring()'; see sections 6.1 and 6.2) that I use to streamline the extraction procedures.

Before leaving the topic of sensitivity, it's worth noting that the influence of almost all the analytic options considered here (except maybe ipsatization) appear to be highly dependent on sample size. In other words, the effect of these techniques is more noticeable in smaller sample sizes. This is how it should be for sensitivity analyses — the "effect size" gets *smaller* with larger samples. This is the inverse of how we normally think about effect sizes. Large samples are more likely to replicate in part because they are less sensitive to analytic modifications. Bigger samples make it easier to differentiate the true signal from the noise (to paraphrase a vast expanse of the methodological literature). The additional recognition to be made here is that modifications to correlation matrices for the sake of interpretability actually have a smaller effect on matrices formed from larger data sets. This is (retrospectively) intuitive but also serves as a reminder of the imperative need for large samples when relying on factor analyses for scale development.

5 Stability: within and between samples

Stability and replicability are directly related. The likelihood of replication will be a function of all the topics described up to this point, and others that I have not attempted to address. Specifically, failure to replicate the exploratory factor analyses reported below might be caused by:

1. the use of inadequate sample sizes
2. the use of a different sampling of items/stimuli
3. the administration of items to a sample of participants that differs meaningfully from the ones used here on any number of variables, including those for which no data have been collected
4. the use of different analytic options for extracting/rotating the factors
5. differences in the method of data collection (whether online through a different user interface or offline) and/or differences in the motivation of the participants (i.e., the use of financial or similar incentives that differed from the provision of feedback to participants about their personalities)
6. collection of the data across different time periods

This list is not exhaustive but I feel that these are the most likely reasons why the findings reported here would not replicate. I have listed them in descending order based on the likelihood of reducing replicability of the structural analyses in the following section (based solely on my experience in working with similar datasets over the last few years). There is, of course, the separate issue of generalizability; do these results generalize to other cultures or when using translations of items or when using observer ratings? Those are important topics for future research.

All of these issues ultimately relate to the degree of stability in the correlation matrices. Issues 2 through 6 above affect replicability by altering the degree of stability across samples. Issue 1 is somewhat different because it affects the degree of stability across samples *and within*. This is because fluctuations in the associations between variables decrease as the sample size increases.

The obvious question is: how big should the sample be? Many factor analytic experts have weighed in on this point and their answers are surprisingly varied (see Osborne and Fitzpatrick [(2012)] for an nice summary). The challenge is that it depends considerably on the number of variables being analyzed, the number of factors being extracted, and the inherent variability of the items. Given the intention to factor analyze a large pool of items and to extract a large number of factors, the recommended size in this case

would seem to be much larger than the typical recommendation of 200+ participants. In any case, it is much more practical to evaluate the stability of the correlation matrices post-hoc. In other words, how stable are the samples we've got? Given the specifics of their actual size and density, I can estimate the stability of the correlations with bootstrapping methods (we do this in R by using the function 'cor.ci()' in the psych package (Revelle, 2016)). The analyses in following code chunk use output that was generated from an earlier chunk (this was part of the analyses run on a remote computing cluster — the code is given in Section 4.2). This code chunk pulls those data in again and creates plots that reflect the stability of the correlations (only the Exploratory sample is shown as an example).

```
load(paste(filepathdata, "SPIcorCI.RData", sep = ""))

# Exploratory sample standard errors for item correlations
pdf(paste(filepathfig, "expCIs.pdf", sep = ""), onefile = TRUE)
plot(density(expSampleCorCI$sds), main = "", ylab = "Frequency", xlab = "Standard error of item level correlations",
    xlim = c(0, 0.1), ylim = c(0, 160))
dev.off()

## pdf
##   2

# Mean sd of correlations in the Exploratory sample.
meanSDofRsE <- mean(expSampleCorCI$sds)
meanSDofRsE

## [1] 0.04746665

# Median sd of correlations in the Exploratory sample.
medianSDofRsE <- median(expSampleCorCI$sds)
medianSDofRsE

## [1] 0.04737097

# min sd of correlations in the Exploratory sample.
maxSDofRsE <- max(expSampleCorCI$sds)
maxSDofRsE

## [1] 0.08731014

# max sd of correlations in the Exploratory sample.
minSDofRsE <- min(expSampleCorCI$sds)
minSDofRsE

## [1] 0.02305931
```

The mean and median of the standard errors of the correlations (based on bootstrapped estimates with 100 iterations) are 0.05 and 0.05 for the Exploratory sample, respectively. For the Replication sample, they are 0.03 and 0.03, respectively. For the Confirmatory sample, they are 0.04 and 0.04, respectively. Figures 31 through 33 show density plots of the standard errors. This implies, for example, that a correlation of .2 in the Replication sample would have an expected 95% confidence interval of about .17 to .23. For item level correlations, this is a relatively narrow range.

6 Structural analyses

Now that I have all that preliminary work out of the way, I can finally begin evaluating the factor structure for both samples. This will be done by using the 'autoFactoring' function, the code for which is given below. I will use the output from this function in many ways, including evaluation of traditional fit statistics, then evaluation of fit based on quantitative metrics of the item content for various solutions, and then based on qualitative review of the item content.

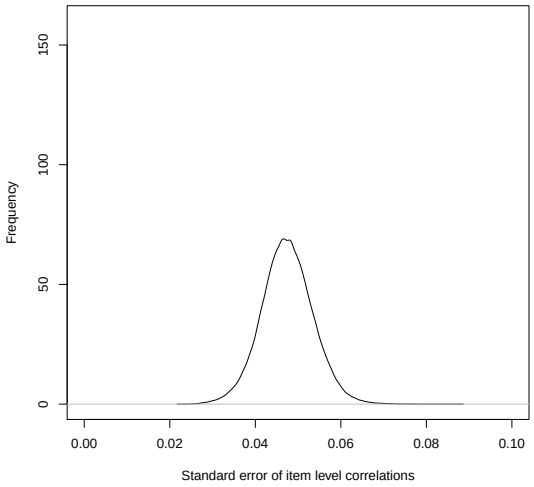


Figure 31: Density distribution of the standard errors of the correlations for the exploratory sample

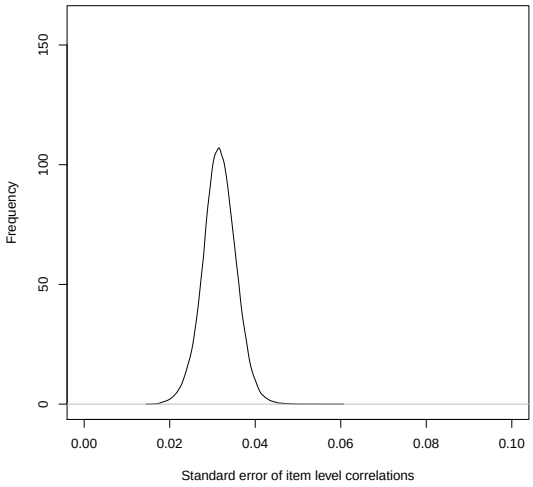


Figure 32: Density distribution of the standard errors of the correlations for the replication sample

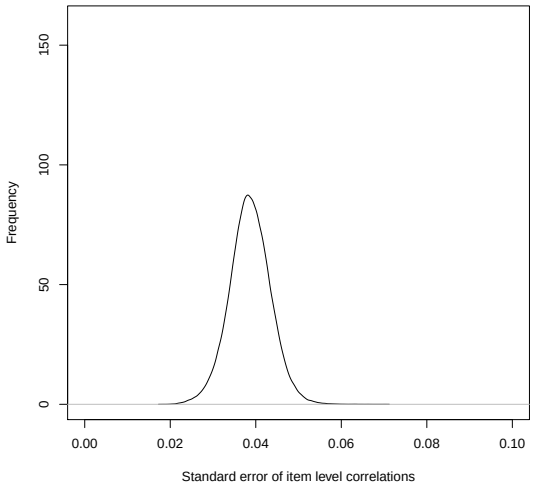


Figure 33: Density distribution of the standard errors of the correlations for the confirmatory sample

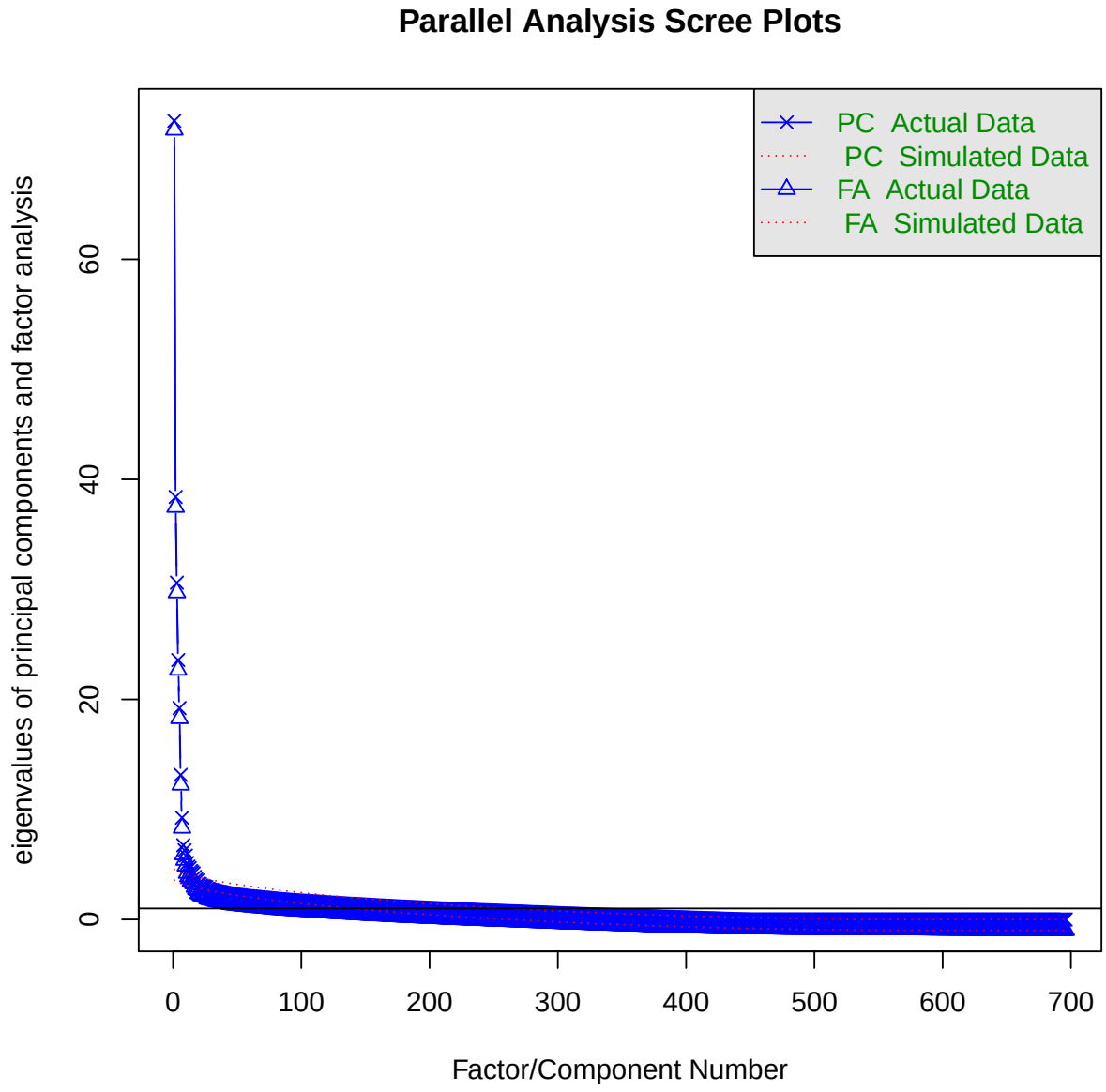
6.1 autoFactoring the Exploratory sample

First, I have to get the output. Note that it takes a ton of space to show the output for the extraction of 1 to 30 factors (several hundred pages), so I have suppressed the printing of all output here. It is possible to review the results in more detail by running the code in the rnw version of this file and then printing any of the many components of the output from the autoFactoring results. Also note that (1) the hidden code in this section includes the code for the 'autoFactoring' function which was not available elsewhere at the time this file was written; and (2) this section of the file takes a while to run (up to a few hours).

```
expSampleCor696 <- expCor696rawSmoothed

rm(expCor696rawSmoothed)

# run a parallel analysis on the Exploratory sample
expSampleCor696fapara <- fa.parallel(expSampleCor696, n.obs = pwiseAdmins1E$mean)
```



```
## Parallel analysis suggests that the number of factors =  17  and the number of components =  16

nfactors = 30

# run autoFactoring to conduct EFA at many levels simultaneously for later
# comparison of the output
expSampleCor696autoFA <- autoFactoring(expSampleCor696, nfactors = nfactors,
    np.obs = pwiseAdmins1E$mean, dictionary = ItemInfo696)
```

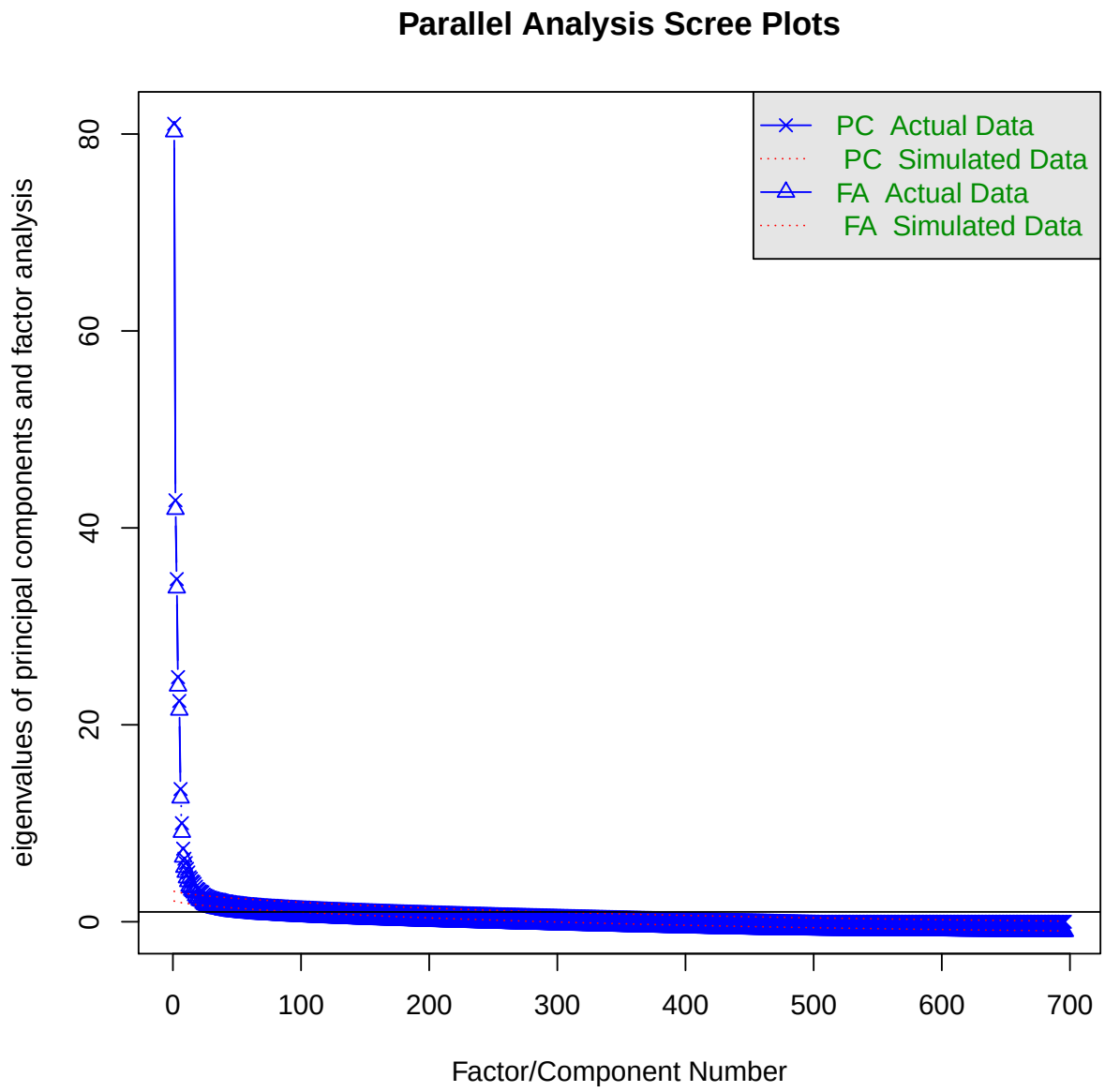
The following chunk of code is using the output of autoFactoring to make data frames of fit statistics and complexity. This will be used to generate Table 18 and Figures 34 and 36. I also pull out the mean absolute correlation between factors for all of the solutions.

```
Factors <- 1:30
# Plot and table the fit statistics to get a better sense of the structure.
expFitstatistics.df <- data.frame(Factors, subset(expSampleCor696autoFA$fits,
    select = c(MAP, eChisq, eCRMS, eBIC)))
colnames(expFitstatistics.df) <- c("Factors", "MAP", "eChiSq", "eCRMS", "eBIC")
expComplex.df <- data.frame(Factors, expSampleCor696autoFA$fits$complex)
colnames(expComplex.df) <- c("Factors", "complexity")
```

6.2 autoFactoring the Replication sample

Here I repeat the same analyses for the Replication sample. First, I run a parallel analysis, then autoFactoring, and then organize the results for tables and figures.

```
repSampleCor696 <- repCor696rawSmoothed
repSampleCor696fapara <- fa.parallel(repSampleCor696, n.obs = pwiseAdmins1R$mean)
```




```
## Parallel analysis suggests that the number of factors =  27  and the number of components =  25

repSampleCor696autoFA <- autoFactoring(repSampleCor696, nfactors = nfactors,
    np.obs = pwiseAdmins1R$mean, dictionary = ItemInfo696)

Factors <- 1:30

# Plot and table the fit statistics to get a better sense of the structure.
repFitstatistics.df <- data.frame(Factors, subset(repSampleCor696autoFA$fits,
    select = c(MAP, eChisq, eCRMS, eBIC)))
colnames(repFitstatistics.df) <- c("Factors", "MAP", "eChiSq", "eCRMS", "eBIC")
repComplex.df <- data.frame(Factors, repSampleCor696autoFA$fits$complex)
colnames(repComplex.df) <- c("Factors", "complexity")

tableFitstatistics <- round(data.frame(expFitstatistics.df, repFitstatistics.df[,
    c("MAP", "eChiSq", "eCRMS", "eBIC")]), 3)
tableFitstatistics[, "eBIC"] <- round(tableFitstatistics[, "eBIC"], 0)
tableFitstatistics[, "eBIC.1"] <- round(tableFitstatistics[, "eBIC.1"], 0)
```

```
tableFitstatistics[, "eChiSq"] <- round(tableFitstatistics[, "eChiSq"], 0)
tableFitstatistics[, "eChiSq.1"] <- round(tableFitstatistics[, "eChiSq.1"],
    0)
colnames(tableFitstatistics) <- c("Factors", "MAP", "eChiSq", "eCRMS", "eBIC",
    "MAP", "eChiSq", "eCRMS", "eBIC")
```

6.3 Interpreting the fit statistics in both samples independently

Interpreting the fit statistics is difficult because they tend not to point to clear solutions and are confusingly contradictory. But we'll try anyway. Visual inspection of the fit statistic plots (see Figures 34 and 35) shows consistent shifts in slope at around five factors. This provides good support for the broad use of five factors as a parsimonious solution. Parsimony is not the only objective however; I am attempting to empirically identify more narrow constructs which can improve the predictive utility of personality models. Plots of item complexity (see Figures 36 and 37) and, to a lesser extent, parallel analyses and/or traditional fit statistics (shown in Table 18 and Figures 34 and 35) can be useful for this purpose as they help to identify the relative fit of solutions at proximal levels of extraction.

Parallel analysis for the Exploratory sample suggests 17 factors and 16 components based on a comparison between the scree (eigenvalues) of factors/components of the observed data with that of a random data matrix of the same size. Parallel analysis for the Replication sample suggests 27 factors and 25 components.

Table 18 demonstrates that the fit statistics are inconclusive across the samples and highly inconsistent within the samples. Velicer's MAP criterion (Velicer, 1976) suggests 26 and 29 factors in the Exploratory and Replication samples, respectively. The empirically calculated RMSEA (eCRMS) (Hu and Bentler, 1999) suggests 5 factors as the optimal cut-off (about .05) for both samples. The empirically calculated Bayesian Information Criterion (eBIC, Schwarz, 1978; Revelle, 2016) suggests 19 and 25 factors in the Exploratory and Replication samples, respectively, and the empirically calculated Chi Square values did not reach a localized minimum in either sample.

The complexity plots (Figures 36 and 37) are also useful here. As expected, the complexity (Hofmann, 1977, 1978) consistently increases in both samples as additional factors are extracted. Decreases in the slope of the complexity plots, however, suggest that the extraction of an additional factor leads to a less complex solution than would be expected based on results from the previous level of extraction. There are two points worth mentioning for the complexity plots for both samples. First, both samples show similar levels of complexity at 5 factors (complexity = 2) and, for both samples, the slope of the complexity lines decreases at 5 factors and then increases rather sharply from 5 to 6 factors. The slope decreases again at 7 in the replication sample, but not much for the exploratory sample. I interpret these circumstances as consistent evidence for the reduced complexity of a 5 factor solution for both samples and inconsistent evidence for a 7 factor solution. Second, both samples show similar patterns of reduced complexity at 15-16 factors and again at 25-27 factors.

We can also consider the eigenvalues of the factors for each level of extraction (this is redundant with the scree plot approach). Eigenvalues are the sums of the squared loadings down the columns of the loadings matrix. Note that, while the "eigenvalue greater than 1" rule has been widely discredited (Shaycoft, 1970; Cliff, 1988), some researchers feel examination of the magnitudes of the eigenvalues helps to evaluate the "right" number of factors. The output of autoFactoring makes it easy to generate a **table of the eigenvalues for the various factors at each level of extraction** from 1 to 30 factors for both samples (see the rnw version for the code). Tables 19 and 20 contain the eigenvalues for the Exploratory and Replication samples, respectively. I don't find these tables to be particularly meaningful, but some psychometricians find them informative. I leave it up to the reader to interpret the results.

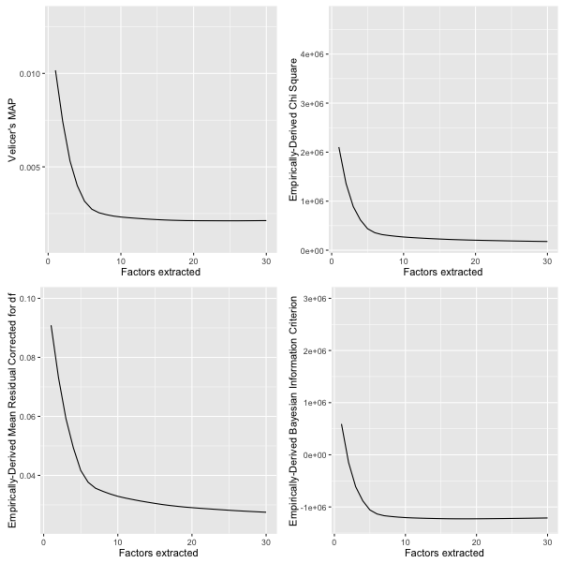


Figure 34: Fit Statistics in the Exploratory Sample

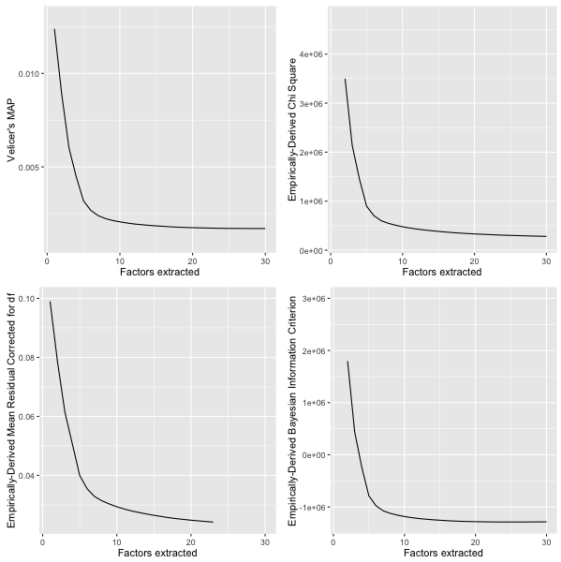


Figure 35: Fit Statistics in the Replication Sample

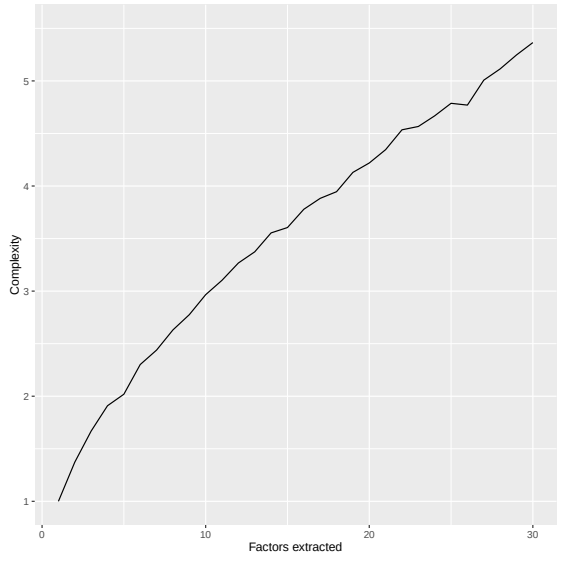


Figure 36: Complexity in the Exploratory Sample

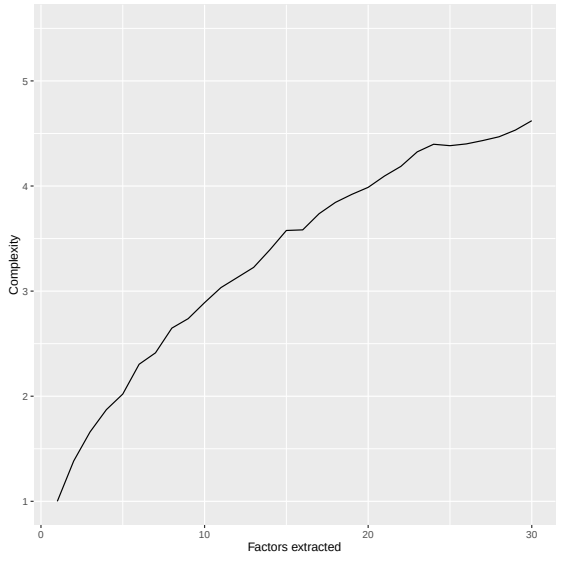


Figure 37: Complexity in the Replication Sample

	Exploratory Sample				Replication Sample			
Factors	MAP	eChiSq	eCRMS	eBIC	MAP	eChiSq	eCRMS	eBIC
1	0.01	2,102,890	0.091	591,022	0.012	5,574,554	0.099	3,868,813
2	0.007	1,358,946	0.073	-148,565	0.009	3,497,748	0.079	1,796,922
3	0.005	890,015	0.059	-613,145	0.006	2,133,040	0.061	437,124
4	0.004	615,854	**0.049**	-882,962	0.004	1,449,492	**0.051**	-241,523
5	0.003	437,023	0.042	-1,057,455	0.003	896,855	0.04	-789,265
6	0.003	356,064	0.038	-1,134,082	0.003	704,976	0.035	-976,257
7	0.003	317,855	0.036	-1,167,965	0.002	602,723	0.033	-1,073,629
8	0.002	298,545	0.035	-1,182,956	0.002	548,881	0.031	-1,122,598
9	0.002	282,168	0.034	-1,195,019	0.002	510,253	0.03	-1,156,360
10	0.002	268,744	0.033	-1,204,137	0.002	478,051	0.029	-1,183,704
11	0.002	258,554	0.032	-1,210,026	0.002	452,243	0.029	-1,204,659
12	0.002	249,800	0.032	-1,214,486	0.002	430,254	0.028	-1,221,803
13	0.002	241,600	0.031	-1,218,398	0.002	412,959	0.027	-1,234,260
14	0.002	234,389	0.031	-1,221,328	0.002	396,910	0.027	-1,245,479
15	0.002	227,579	0.031	-1,223,862	0.002	382,985	0.026	-1,254,579
16	0.002	221,221	0.03	-1,225,951	0.002	369,936	0.026	-1,262,812
17	0.002	215,908	0.03	-1,227,001	0.002	357,895	0.026	-1,270,044
18	0.002	211,290	0.03	-1,227,361	0.002	347,954	0.025	-1,275,182
19	0.002	206,994	0.029	**-1,227,408**	0.002	339,568	0.025	-1,278,772
20	0.002	203,504	0.029	-1,226,653	0.002	331,569	0.025	-1,281,983
21	0.002	200,202	0.029	-1,225,717	0.002	324,616	0.025	-1,284,155
22	0.002	197,186	0.029	-1,224,501	0.002	317,997	0.024	-1,286,000
23	0.002	194,261	0.029	-1,223,201	0.002	311,548	0.024	-1,287,681
24	0.002	191,359	0.028	-1,221,884	0.002	306,239	0.024	-1,288,230
25	0.002	188,595	0.028	-1,220,436	0.002	301,432	0.024	**-1,288,285**
26	**0.002**	185,922	0.028	-1,218,902	0.002	296,944	0.024	-1,288,026
27	0.002	183,576	0.028	-1,217,048	0.002	292,577	0.024	-1,287,655
28	0.002	181,295	0.028	-1,215,135	0.002	288,654	0.023	-1,286,846
29	0.002	179,070	0.028	-1,213,172	**0.002**	284,860	0.023	-1,285,915
30	0.002	176,918	0.028	-1,211,142	0.002	281,297	0.023	-1,284,760

Bold values indicate optimal fit for each statistic, where relevant.

MAP: Velicer's MAP criterion

eChiSq: Empirically calculated Chi Square values. Did not resolve in either sample.

eCRMS: Empirically calculated mean residual (RMSEA) corrected for the degrees of freedom.

eBIC: Empirically calculated Bayesian Information Criterion based upon the empirical Chi Square.

Table 18: Fit statistics for the Exploratory and Replication Samples

	EV1	EV2	EV3	EV4	EV5	EV6	EV7	EV8	EV9	EV10	EV11	EV12	EV13	EV14	EV15	EV16	EV17	EV18	EV19	EV20	EV21	EV22	EV23	EV24	EV25	EV26	EV27	EV28	EV29	EV30
fa1	72.6																													
fa2	60.8	47.9																												
fa3	51.4	47.6	38.4																											
fa4	48.5	40.9	34.9	34.4																										
fa5	44.7	39.8	34.3	33.4	24.0																									
fa6	43.0	39.3	33.4	33.1	24.3	14.9																								
fa7	39.0	35.7	32.9	27.1	21.5	19.4	15.8																							
fa8	33.7	29.6	26.6	23.6	21.5	20.6	18.3	16.7																						
fa9	31.3	26.7	26.7	21.3	20.9	20.4	18.3	15.8	11.8																					
fa10	31.3	25.1	23.2	22.3	20.4	20.2	18.1	13.2	11.9	10.4																				
fa11	28.9	26.3	22.9	21.0	19.4	17.1	16.9	13.8	12.8	10.3	8.8																			
fa12	28.2	21.5	19.7	19.3	17.5	16.2	15.3	14.0	13.0	12.2	10.9	10.0																		
fa13	27.7	21.5	19.3	18.9	16.9	15.6	15.6	14.7	12.0	11.9	9.6	8.6	8.5																	
fa14	27.3	19.9	19.5	18.3	17.4	15.2	14.4	14.1	12.7	10.1	9.4	8.7	8.4	7.9																
fa15	26.4	20.0	18.6	17.4	16.1	14.1	13.6	12.7	12.5	11.3	9.9	8.7	8.1	7.9	7.8															
fa16	25.5	19.9	18.6	16.6	15.9	13.5	13.4	13.1	11.8	9.7	9.0	8.7	8.2	8.2	7.8	7.5														
fa17	19.6	17.7	16.2	15.6	15.5	12.8	12.7	12.3	11.9	11.1	10.6	8.6	8.6	8.6	8.3	8.1	7.8													
fa18	15.8	15.6	15.5	15.4	14.4	12.5	12.3	12.2	11.7	11.5	10.4	10.0	9.0	8.9	8.3	7.7	7.5	7.5												
fa19	15.4	15.2	15.0	14.3	13.6	12.0	11.8	11.8	11.1	10.8	9.9	9.7	8.9	8.8	8.4	8.3	7.5	7.4	7.4											
fa20	15.8	14.9	14.3	14.3	11.8	11.8	11.7	11.6	10.4	10.1	9.8	8.7	8.7	8.6	8.5	8.5	7.9	7.8	7.2	6.8										
fa21	14.1	13.8	13.7	12.9	12.0	11.6	11.3	10.8	10.6	9.8	9.4	9.3	8.9	8.2	8.1	7.8	7.7	7.7	7.5	7.2	7.1									
fa22	14.5	14.0	13.6	13.5	11.5	11.2	11.0	10.4	10.4	9.6	9.4	9.1	8.8	8.3	7.9	7.7	7.3	7.2	7.0	6.8	6.5	6.1								
fa23	13.3	12.9	12.8	12.6	11.4	10.8	10.3	10.2	9.2	9.1	8.8	8.6	8.5	8.3	8.0	8.0	7.6	7.2	7.0	6.9	6.9	6.8	6.8							
fa24	13.3	12.5	12.5	12.1	10.7	10.5	9.9	9.8	9.6	8.9	8.9	8.6	8.3	8.1	7.9	7.9	7.6	7.3	7.1	6.8	6.8	6.5	6.4	5.7						
fa25	13.1	12.4	12.4	11.7	10.5	10.1	9.6	9.3	8.8	8.8	8.6	8.4	8.2	7.8	7.8	7.8	7.4	7.3	7.2	6.9	6.5	6.4	6.4	6.2	5.8					
fa26	12.3	12.1	11.9	11.0	10.1	10.0	9.7	9.6	8.7	8.3	8.3	8.2	8.1	8.1	7.8	7.6	7.3	7.2	7.2	7.0	6.4	6.4	6.2	5.8	5.8	5.8				
fa27	12.2	11.9	11.4	10.8	9.8	9.4	9.4	9.0	8.7	8.2	8.1	8.1	8.0	7.8	7.8	7.7	7.5	7.1	6.9	6.3	6.3	6.3	6.0	5.9	5.9	5.7	5.7			
fa28	12.0	11.2	11.0	10.3	9.7	9.1	9.0	8.6	8.5	8.1	8.0	7.9	7.7	7.6	7.6	7.5	7.4	7.1	6.9	6.7	6.3	6.1	6.1	6.0	6.0	5.9	5.7	5.5		
fa29	11.7	10.7	10.5	9.7	9.6	8.8	8.8	8.4	8.2	8.0	7.9	7.8	7.6	7.5	7.5	7.3	7.3	7.0	6.9	6.8	6.6	6.1	6.0	6.0	6.0	5.7	5.6	5.5	5.4	
fa30	11.5	11.1	10.7	10.3	9.3	9.2	8.5	8.4	8.3	7.8	7.5	7.5	7.5	7.2	7.2	7.2	7.0	7.0	6.9	6.8	6.0	6.0	5.8	5.6	5.6	5.6	5.5	5.5	5.3	5.2

Table 19: Eigenvalues by Factor - Exploratory Sample

	EV1	EV2	EV3	EV4	EV5	EV6	EV7	EV8	EV9	EV10	EV11	EV12	EV13	EV14	EV15	EV16	EV17	EV18	EV19	EV20	EV21	EV22	EV23	EV24	EV25	EV26	EV27	EV28	EV29	EV30
fa1	81.0																													
fa2	64.3	56.7																												
fa3	58.1	52.7	43.2																											
fa4	52.9	48.0	38.0	37.1																										
fa5	48.6	46.5	37.5	36.7	27.4																									
fa6	45.0	44.7	37.0	35.5	27.0	17.9																								
fa7	41.3	40.4	35.4	31.4	24.7	22.0	16.3																							
fa8	35.6	32.5	30.8	24.9	24.6	24.3	21.0	16.7																						
fa9	34.1	29.8	28.4	24.2	23.8	21.0	20.9	17.3	12.9																					
fa10	32.9	28.6	26.7	23.4	21.3	20.8	18.0	16.4	14.8	11.2																				
fa11	32.6	28.4	25.6	22.2	20.8	19.6	18.5	16.2	13.5	10.3	9.6																			
fa12	31.3	24.3	23.8	20.9	20.3	18.1	17.6	16.3	14.8	10.6	10.5	9.2																		
fa13	30.8	23.6	22.4	20.8	20.2	16.7	16.4	15.8	13.8	11.3	9.9	9.0	8.9																	
fa14	29.8	22.1	21.6	20.3	19.1	16.7	15.5	14.7	12.9	11.0	9.6	9.3	9.2	8.4																
fa15	28.7	21.7	20.9	19.2	18.4	15.0	14.6	13.9	11.6	11.2	10.0	9.4	9.4	9.3	7.9															
fa16	28.1	19.8	19.4	18.2	18.1	14.0	13.3	12.7	12.2	11.8	10.5	10.3	9.1	8.6	8.2	8.0														
fa17	22.9	19.9	18.2	17.6	16.3	14.0	13.7	13.3	12.9	10.9	10.9	9.2	8.9	8.7	8.5	8.5	7.7													
fa18	22.1	19.7	17.4	16.9	14.8	14.0	13.5	13.2	12.0	10.7	9.7	9.2	9.1	8.7	8.3	8.3	8.0	7.4												
fa19	21.2	16.7	16.6	16.4	15.8	12.9	12.8	12.4	11.7	10.6	9.7	9.3	8.6	8.6	8.5	8.3	8.0	7.5	7.3											
fa20	19.8	16.4	15.9	15.5	12.8	12.8	12.2	11.3	10.7	10.1	9.8	9.7	9.4	9.0	8.9	8.4	7.8	7.7	7.7	7.1										
fa21	17.8	15.3	15.3	15.2	12.8	12.2	11.9	10.6	10.2	10.0	9.6	9.3	9.3	9.1	8.9	8.5	8.0	7.7	7.5	7.4	6.8									
fa22	17.2	15.0	14.9	14.8	12.0	11.9	11.3	10.7	9.7	9.6	9.5	9.3	9.3	8.9	8.9	8.8	7.8	7.3	7.1	7.1	6.6	6.5								
fa23	16.8	14.5	14.3	12.8	11.8	11.6	11.4	11.0	10.7	9.6	9.5	9.4	9.3	9.2	8.5	7.9	7.2	7.0	7.0	6.8	6.6	6.6	5.9							
fa24	15.9	14.3	14.0	11.7	11.3	11.2	10.9	10.9	10.7	10.3	9.3	9.3	9.0	8.6	8.5	7.5	7.4	7.0	6.9	6.8	6.6	6.5	6.1	5.7						
fa25	15.5	13.8	13.4	12.1	10.7	10.4	10.4	10.4	10.2	9.4	9.0	9.0	8.6	8.4	8.4	8.3	8.0	7.2	7.0	6.6	6.2	6.2	6.1	5.9	5.7					
fa26	14.8	13.4	13.0	11.8	10.3	10.2	10.1	10.0	10.0	8.9	8.9	8.8	8.6	8.3	8.1	7.4	7.4	7.3	7.2	6.8	6.6	6.3	6.0	6.0	5.9	5.4				
fa27	14.5	13.3	12.7	11.3	10.2	10.1	10.0	9.8	8.7	8.6	8.6	8.5	8.2	8.2	8.1	7.7	7.4	7.2	6.8	6.8	6.8	6.1	6.0	6.0	5.9	5.7	5.2			
fa28	14.1	12.7	12.6	11.1	10.4	10.1	9.8	9.7	8.6	8.4	8.1	8.1	8.0	7.8	7.8	7.8	7.3	7.2	6.8	6.8	6.6	6.2	6.1	5.9	5.6	5.5	5.3	4.9		
fa29	13.9	12.1	12.1	10.7	9.8	9.7	9.7	9.5	8.4	8.3	8.1	8.0	7.9	7.8	7.5	7.5	7.2	7.0	6.7	6.6	6.4	6.3	6.0	6.0	5.9	5.4	5.4	5.2	5.0	
fa30	13.5	11.6	11.6	10.5	9.6	9.5	9.4	8.7	8.3	8.2	8.2	8.0	7.9	7.5	7.4	7.0	6.9	6.9	6.6	6.5	6.2	6.1	6.0	5.9	5.9	5.8	5.7	5.4	5.2	4.9

Table 20: Eigenvalues by Factor - Replication Sample

	EV1	EV2	EV3	EV4	EV5	EV6	EV7	EV8	EV9	EV10	EV11	EV12	EV13	EV14	EV15	EV16	EV17	EV18	EV19	EV20	EV21	EV22	EV23	EV24	EV25	EV26	EV27	EV28	EV29	EV30
fa1	330																													
fa2	215	192																												
fa3	192	135	119																											
fa4	143	121	109	99																										
fa5	120	114	99	108	78																									
fa6	116	115	109	100	78	6																								
fa7	102	108	105	92	71	41	15																							
fa8	94	95	88	63	74	47	37	20																						
fa9	94	86	92	54	73	50	37	25	3																					
fa10	95	78	85	59	75	52	37	20	7	5																				
fa11	80	83	71	60	50	35	60	24	18	8	5																			
fa12	80	59	55	48	55	58	29	26	18	20	15	5																		
fa13	82	62	54	47	41	45	53	27	23	15	13	5	6																	
fa14	79	60	61	50	42	45	46	27	22	13	14	11	7	2																
fa15	76	55	57	46	43	48	38	23	25	18	9	11	12	6	3															
fa16	68	59	57	44	41	23	33	46	21	20	8	5	6	10	10	6														
fa17	52	44	45	42	41	32	23	41	26	17	28	11	6	15	9	11	5													
fa18	43	38	44	42	29	28	22	33	39	28	27	14	16	16	9	12	8	5												
fa19	37	40	45	32	31	22	30	28	34	22	27	15	14	14	11	11	6	10	11											
fa20	44	39	42	37	28	23	32	29	32	23	27	14	14	18	15	10	13	12	6	0										
fa21	41	30	33	28	34	26	29	26	24	22	17	27	14	16	16	11	6	8	15	5	11									
fa22	39	34	30	41	26	27	30	28	27	27	16	27	19	11	14	13	8	14	4	5	2	0								
fa23	35	37	32	31	28	22	25	25	15	17	27	20	19	20	12	19	11	11	8	7	14	1	6							
fa24	35	30	37	29	24	20	21	29	25	27	17	20	20	12	11	16	13	11	14	14	4	5	3	1						
fa25	35	37	31	32	19	23	28	20	16	21	27	15	19	14	11	16	11	15	17	15	7	10	2	2	3					
fa26	38	29	29	32	20	24	28	19	22	26	18	15	19	16	11	15	11	16	14	14	8	9	6	9	4	1				
fa27	39	31	30	31	20	19	26	22	23	14	17	19	20	16	19	11	16	11	13	9	9	5	5	10	4	4	9			
fa28	38	35	24	31	21	19	29	21	22	18	17	12	22	15	13	14	16	11	13	12	11	4	4	8	7	10	2	7		
fa29	36	30	22	28	21	26	18	23	19	17	19	18	14	12	15	16	13	11	14	12	8	7	10	10	9	7	5	2	7	
fa30	36	29	30	30	21	20	24	18	22	20	16	13	15	16	13	11	14	14	11	14	9	10	8	1	7	6	6	1	2	8

Table 21: Qualified item counts by factor - Exploratory Sample

	EV1	EV2	EV3	EV4	EV5	EV6	EV7	EV8	EV9	EV10	EV11	EV12	EV13	EV14	EV15	EV16	EV17	EV18	EV19	EV20	EV21	EV22	EV23	EV24	EV25	EV26	EV27	EV28	EV29	EV30
fa1	362																													
fa2	210	210																												
fa3	186	133	126																											
fa4	141	130	102	101																										
fa5	118	123	107	93	79																									
fa6	123	105	109	94	75	20																								
fa7	101	107	96	93	74	43	6																							
fa8	87	88	98	60	75	55	42	10																						
fa9	88	96	78	74	57	46	51	29	6																					
fa10	80	93	73	59	49	47	52	28	19	4																				
fa11	76	73	73	56	51	43	64	29	21	3	1																			
fa12	74	68	65	54	43	37	59	50	28	9	4	1																		
fa13	72	67	68	57	50	51	31	43	23	23	10	6	0																	
fa14	73	60	66	54	47	50	31	34	22	21	12	5	2	6																
fa15	73	62	62	47	44	39	31	34	20	23	18	9	9	6	3															
fa16	73	53	58	48	45	35	42	25	21	27	11	14	9	10	4	4														
fa17	56	50	47	43	50	32	35	23	46	15	28	11	7	15	6	12	4													
fa18	59	54	46	44	42	30	35	25	40	28	13	18	12	13	6	6	4	3												
fa19	53	51	44	48	39	39	29	24	40	28	15	12	14	13	14	5	5	5	3											
fa20	56	52	44	35	28	38	25	40	28	26	26	13	13	13	17	13	5	6	5	4										
fa21	48	34	47	42	31	37	24	21	27	28	19	20	25	13	18	14	8	4	10	5	5									
fa22	44	39	48	32	29	35	25	21	20	23	25	14	26	18	19	20	8	6	7	11	5	5								
fa23	44	37	31	36	35	32	34	24	28	20	14	15	26	26	17	12	11	7	7	15	8	4	3							
fa24	45	38	32	35	34	26	28	21	27	24	14	17	24	16	23	14	9	7	11	7	7	3	6	5						
fa25	43	38	29	38	27	25	22	27	21	23	15	20	11	18	23	24	21	15	12	6	7	5	9	1	0					
fa26	42	35	28	38	26	22	22	23	25	21	15	20	25	24	12	20	11	9	13	14	11	5	1	3	6	0				
fa27	43	36	25	35	30	22	26	22	20	15	20	24	19	24	12	17	10	13	12	17	17	10	6	4	5	6	1			
fa28	40	35	31	37	28	29	22	23	23	22	19	12	24	12	18	16	11	11	17	12	13	11	10	7	4	5	0	0		
fa29	41	26	31	36	22	27	24	24	23	19	12	12	18	24	19	14	12	10	17	11	11	13	10	6	12	3	3	2	0	
fa30	41	33	21	37	22	27	20	19	21	14	20	15	20	23	18	13	10	12	16	10	13	6	9	15	10	5	9	7	5	1

Table 22: Qualified item counts by factor - Replication Sample

A more useful analysis, in my opinion, evaluates the number of *quality* items produced at the various levels of factor extraction. These results help to identify so-called junk factors. Junk factors are those which do not have many or any items with primary loadings and/or without high secondary loadings. Junk factors are problematic because they are essentially impossible to interpret. The output of autoFactoring is once again used here to generate **tables of the counts of items (by factor) with a primary factor loading above 0.3 and no secondary factor loadings above 0.3** when I extract between 1 and 30 factors. I refer to these as Qualified Item Counts (QICs).

Tables 21 and 22 show the QICs in each factor solution. Interpretation of these tables is easy — strong factors have many qualified items and weak factors have relatively few (see Section 6.6.2 for more on the relative strength of factors). True "junk" factors in these results are those with 0 qualified items (note that this does not preclude the possibility that such factors may have multiple items with primary loadings below .30).[23] Using liberal — and somewhat arbitrary — guidelines, several levels appear to offer useful solutions. My rule of thumb for evaluating the legitimacy of a factor depended on the number of factors being extracted for each solution.[24] Specifically, I judged a factor to be legit if it contained at least 10 items for factor solutions with 1-10 factors, at least 7 items for solutions with 11-15 factors, 5 items for solutions with 16-20 factors, and 3-ish items for solutions with 21-30 factors. In cases where a solution had 1 or 2 factors that just missed these thresholds, I erred on the side of leniency by flagging it for further follow-up during my evaluation of the item content in "good" solutions (i.e., those that replicated; see the next section). This was done to avoid ruling out any solutions due to the arbitrary nature of these thresholds. Note that failure to meet these thresholds does not necessarily mean that the solution provides poor statistical fit, but it does suggest that the solution is not useful as an assessment model. In the Exploratory sample, these thresholds lent support for solutions with 1, 2, 3, 4, 5, 7, 8, 15, 17, 18, 19, 24, and 27 factors; in the Replication sample, it was solutions with 1, 2, 3, 4, 5, 6, 8, 21, 22, 23, 24, 27 and 30 factors. If I focus only on those which overlapped across samples, I'm left with 1-5, 8, 24, and 27. Given the arbitrary nature of these thresholds and the fit statistics reported earlier, I spent considerable time evaluating nearly all possible solutions — with a particular focus on the solutions with between 24 and 29 extracted factors — by attempting to determine whether the factor content for these solutions aligned across samples.

Before bothering to make sense of these (many) results regarding the fits *within* each sample, it makes more sense to consider how well the solutions replicate *across* samples. There is little point in considering solutions that fail to hold up in both samples.

6.4 Replication analyses

Evaluating the replicability of the factor structures requires multiple steps. The first and most tedious of these involves creation and examination of the item content in each factor for each solution (for each sample). These tables allowed me to align the factors with matching content across the samples and then carry out several quantitative analyses. Only after completing this step can we move on to quantitative evaluation of replicability and conclusions about the factor structure across samples.

[23] Readers who have not previously pored over factor analysis output should note that it's not uncommon to get solutions with really crappy factors — these are the ones that most people call junk — where there are 0 items with primary loadings. These factors serve to improve the statistical fit but are not interpretable. I'm taking a slightly more strict view on junk factors by using this idea of qualified items.

[24] A brief digression about these guidelines seems warranted. I was not able to discover any prior work regarding the number of items (or magnitude of eigenvalues) needed to constitute a legitimate factor. Clearly, there is an opportunity for further research here. I used thresholds that seemed appropriate given the number of items included in the EFAs (696 items in all cases) and the number of factors extracted (ranging from 1 to 30). In other words, I assumed that the number of items needed to constitute a real/good factor is inversely proportionate to the number of factors extracted; more specifically, the number of parameters being estimated. Fewer items should be needed when extracting 30 factors, for example, than when extracting only 3 factors. It should be possible to specify and substantiate this proportion through various types of simulations. I did not get around to doing this but someone should. This would be a much more useful contribution than the development of another marginally useful fit statistic, of which there are too many.

6.4.1 Interpreting and aligning factors

I interpreted the factors by examining the item content at the many levels of extraction. The goals were to evaluate whether or not the solutions at each level form coherent factors based on item content and, if so, to figure out the alignment of these factors across samples at *equivalent* levels of extraction (I paid little attention to maintenance/splitting of factors within samples at increasing levels of extraction — it was interesting but not very useful).

To do this, I created Appendix A with tables of the top 10 qualified items — or all qualified items in cases where fewer than 10 were qualified — for each factor in the solutions from 1 to 30 for both samples. There are 465 tables for each sample, 930 in all. I referenced these tables frequently when attempting to align the factor solutions at various levels of extraction and when attempting to evaluate the strength of the factors in each solution. The next section of code shows how these tables were generated for the Exploratory sample.

```
objects = ls()

tablesToMake <- nfactors * (nfactors + 1)/2
tablesToMake

## [1] 465

# Make all the tables for the exploratory item set

factorsSolvedList <- list()

for (factorSolution in 1:nfactors) {
    factorsInfo <- list()
    for (factorNumber in 1:factorSolution) {
        named <- paste("ItemInfo696[names(expSampleCor696autoFA$FAoutput$fa",
            factorSolution, "$best$itemsFa", factorNumber, "$bestItems),]",
            sep = "")
        factorsInfo[[factorNumber]] <- named
        rm(factorNumber, named)
    }
    factorsSolvedList[[factorSolution]] <- factorsInfo
    rm(factorsInfo, factorSolution)
}

factorsSolved <- unlist(factorsSolvedList)
rm(factorsSolvedList)

tableNameList <- list()
n <- 0
for (i in 1:nfactors) {
    for (j in 1:i) {
        n <- n + 1
        tableNameList[n] <- paste(i, "_", j, sep = "")
    }
}
rm(j, n)

for (i in 1:tablesToMake) {
    assign(paste("ExpTable", tableNameList[i], sep = ""), eval(parse(text = factorsSolved[i])))
    rm(i)
}
```

These tables allowed me to identify similar/matching factors across the samples. This step was straightforward but tedious because it could not be automated. While invariance analyses based on CFA techniques is the gold standard for evaluating the consistency of a previously identified model across samples, those analyses are not appropriate for evaluating the consistency of factors in two samples where no a priori model exists.[25] While EFA replication analyses get around this concern, the relative disadvantage of this approach is that we have to compensate for the lack of a specified model by going through the output by hand. This is because there are many cases where effectively equivalent factors are extracted at different rank orders across the two samples. In other words, I had to determine which factor in the 19 factor solution of the Replication sample, for example, matches factor 3 in the 19 factor solution of the Exploratory sample.

[25] Yes, yes, I know, I mean other than the Big Five.

Unsurprisingly, there were a few factors among the 30 solutions (930 factors in all) that were difficult to line up clearly; this generally occurred for solutions that were poor. Uninterpretable factors were often impossible to align. Better solutions were less subjective and less likely to be biased in terms of factor alignment. In an effort to reduce subjectivity, I completed the content alignment twice, about 3 months apart. It was... a lot of fun.[26] It should be noted that the rank order of factors was not given any consideration in the quantitative evaluations of replicability as this is dependent on the eigenvalues and can be manipulated via rotation.

6.4.2 Quantifying the replicability of factors

After aligning the factors by content across samples at each level of extraction, (I was very happy. And relieved. So I took a break to work on other projects for a while and then...) I generated quantitative metrics of the extent to which they replicate. Three metrics were used, largely following the procedures outlined by Osborne and Fitzpatrick (2012). First, I checked whether the basic factor structures were similar across samples (at each level of extraction) by evaluating whether the primary loading for each of the qualified items was consistent across the samples. By this, I do not mean consistent in magnitude but rather consistent in terms of the factor content. In other words, I considered whether the items loaded on the same factor. I only used the qualified items because I was less concerned with those that had low primary loadings and/or high cross-loadings. Second, for those items which passed the first evaluation, I assessed the strength of replication by comparing the *magnitude* of the loadings across the samples. This was done by finding the difference in the squared loadings for those items that loaded on the same factors across the samples. Finally, I evaluated the correlations of the loadings for these items. While this last analysis is insensitive to the magnitudes of the loadings compared to the second analyses, it indicates the extent to which the rank orderings of the items are aligned. This is very similar to factor congruence when done for all items but different for cases where I only used the correlations for the loadings among qualified items or structurally invariant or structurally stable items on each factor.

The next section of code shows the procedures for deriving these metrics. Only the analyses for the first few factors are shown as an example. The remaining analyses and some helper functions for autoFactoring are included in the rnw version of the file.

```
stable <- 0.01
replicationEFA1_1 <- EFAreplication(expSampleCor696autoFA, repSampleCor696autoFA,
    EFAn = 1, fax = 1, fay = 1, stable = stable)
# show the output for this first example
replicationEFA1_1$qualCount  # How many qualified items are there total?

## [1] 371

replicationEFA1_1$qualItems[1:50]  # just show the first 50 items

##  [1] "q_1038" "q_867"  "q_20"   "q_1350" "q_206"  "q_105"  "q_208"
##  [8] "q_578"  "q_279"  "q_4228" "q_254"  "q_285"  "q_811"  "q_819"
## [15] "q_815"  "q_1479" "q_1044" "q_313"  "q_919"  "q_1883" "q_1457"
## [22] "q_1410" "q_832"  "q_1480" "q_1371" "q_1567" "q_1209" "q_1652"
## [29] "q_1421" "q_3090" "q_875"  "q_126"  "q_861"  "q_1215" "q_4277"
## [36] "q_824"  "q_505"  "q_4237" "q_312"  "q_2765" "q_1113" "q_258"
## [43] "q_1606" "q_4273" "q_3691" "q_1023" "q_820"  "q_1444" "q_901"
## [50] "q_4257"

replicationEFA1_1$structuralPassCount  # How many structural passes total?

## [1] 321

replicationEFA1_1$structuralPass[1:50]  # just show the first 50 items

##  [1] "q_1038" "q_867"  "q_20"   "q_1350" "q_206"  "q_105"  "q_208"
##  [8] "q_578"  "q_279"  "q_4228" "q_254"  "q_285"  "q_811"  "q_819"
## [15] "q_815"  "q_1479" "q_1044" "q_313"  "q_919"  "q_1883" "q_1457"
## [22] "q_1410" "q_832"  "q_1480" "q_1371" "q_1567" "q_1209" "q_1652"
## [29] "q_1421" "q_3090" "q_875"  "q_126"  "q_861"  "q_1215" "q_4277"
## [36] "q_824"  "q_505"  "q_4237" "q_312"  "q_2765" "q_1113" "q_258"
## [43] "q_1606" "q_4273" "q_3691" "q_1023" "q_820"  "q_1444" "q_901"
## [50] "q_4257"
```

[26] If you're interested in evaluating the results of my alignment it can be found in the next chunk of code, not visible in the PDF version.

```
replicationEFA1_1$structuralFailCount  # How many `qualifieds' failed?

## [1] 50

replicationEFA1_1$structuralFail[1:50]  # show the first 50 items

##  [1] "q_455"  "q_296"  "q_4243" "q_708"  "q_298"  "q_1341" "q_1758"
##  [8] "q_1766" "q_1666" "q_413"  "q_334"  "q_630"  "q_1585" "q_177"
## [15] "q_689"  "q_141"  "q_1136" "q_2756" "q_1392" "q_915"  "q_128"
## [22] "q_871"  "q_1577" "q_538"  "q_148"  "q_1328" "q_2754" "q_1354"
## [29] "q_1601" "q_1368" "q_1357" "q_926"  "q_1376" "q_1254" "q_1244"
## [36] "q_1993" "q_1334" "q_1260" "q_1540" "q_4222" "q_1662" "q_1853"
## [43] "q_1027" "q_4229" "q_1448" "q_618"  "q_1276" "q_1588" "q_1395"
## [50] "q_1201"

replicationEFA1_1$stableItemsCount  # How many stable items in total?

## [1] 320

replicationEFA1_1$stableItems[1:50]  # just show the first 50 items

##  [1] "q_1038" "q_867"  "q_20"   "q_1350" "q_206"  "q_105"  "q_208"
##  [8] "q_578"  "q_279"  "q_4228" "q_254"  "q_285"  "q_811"  "q_819"
## [15] "q_815"  "q_1479" "q_1044" "q_313"  "q_919"  "q_1883" "q_1457"
## [22] "q_1410" "q_832"  "q_1480" "q_1371" "q_1567" "q_1209" "q_1652"
## [29] "q_1421" "q_3090" "q_875"  "q_126"  "q_861"  "q_1215" "q_4277"
## [36] "q_824"  "q_505"  "q_4237" "q_312"  "q_2765" "q_1113" "q_258"
## [43] "q_1606" "q_4273" "q_3691" "q_1023" "q_820"  "q_1444" "q_901"
## [50] "q_4257"

replicationEFA1_1$passedItemsCor

## [1] 0.998

replicationEFA1_1$stableItemsCor

## [1] 0.998

# It is possible to write a loop but that does not work when some of the
# factors are out of order.  So, I have done this by hand in order to
# document the alignment of factors across samples at each level.
replicationEFA1_1 <- EFAreplication(expSampleCor696autoFA, repSampleCor696autoFA,
    EFAn = 1, fax = 1, fay = 1, stable = stable)

replicationEFA2_1 <- EFAreplication(expSampleCor696autoFA, repSampleCor696autoFA,
    EFAn = 2, fax = 1, fay = 1, stable = stable)
replicationEFA2_2 <- EFAreplication(expSampleCor696autoFA, repSampleCor696autoFA,
    EFAn = 2, fax = 2, fay = 2, stable = stable)

replicationEFA3_1 <- EFAreplication(expSampleCor696autoFA, repSampleCor696autoFA,
    EFAn = 3, fax = 1, fay = 1, stable = stable)
replicationEFA3_2 <- EFAreplication(expSampleCor696autoFA, repSampleCor696autoFA,
    EFAn = 3, fax = 2, fay = 2, stable = stable)
replicationEFA3_3 <- EFAreplication(expSampleCor696autoFA, repSampleCor696autoFA,
    EFAn = 3, fax = 3, fay = 3, stable = stable)
# And so on and so on
```

For clarity, let's review. This part is both critical and a bit confusing. All I'm doing is comparing the matching factors across samples at each level of extraction (from 1 to 30). First, I went through the tables in Appendix A to figure out how the factors lined up across samples according to item content. After the factors were aligned, I generated quantitative statistics for comparing the solutions.

Specifically, these statistics included lists of:

1. the number of *qualified* items in common factors across samples
2. the number of *qualified* items in common factors across samples that passed the test for structural replicability (denoted in the code/output as a structual PASS). Structural replicability was indicated if a qualified item loaded on the same factor in both solutions.
3. the number of *qualified* items in common factors across samples with stable loadings (denoted in the

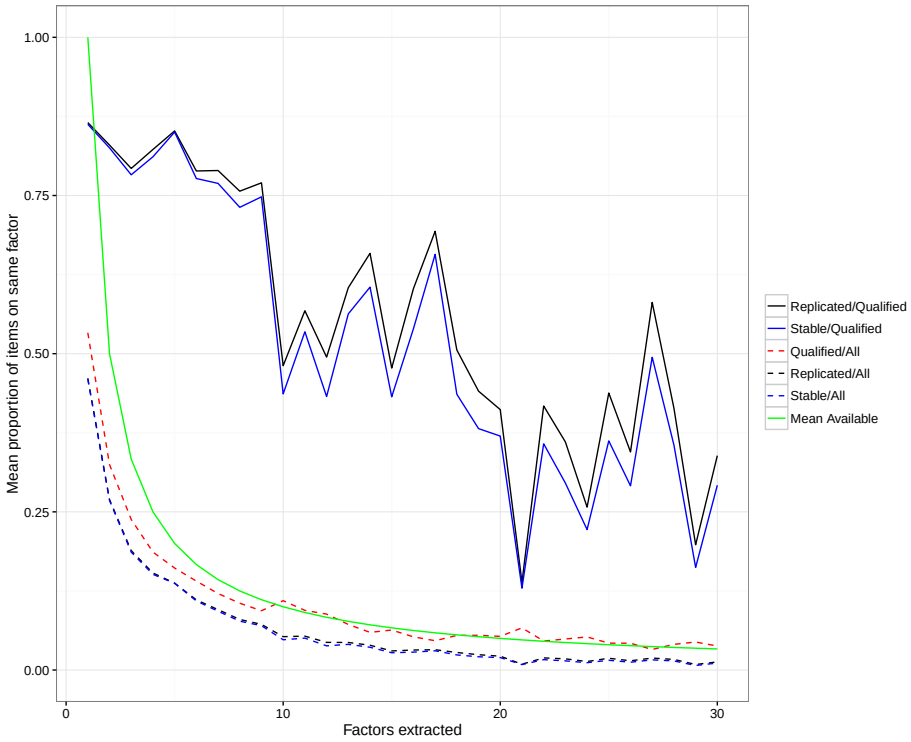


Figure 38: The mean proportion of items loading on the same factor across samples at each level of extraction.

code/output as STABLE). Stable items were those with similar magnitudes of loadings defined by a difference in loadings of less than |0.1| across samples.

4. the correlations among loadings for the items. These included (a) all of the 696 items; (b) all of the qualified items on each factor in each solution; (c) all of the structurally invariant items (qualified items that "passed" in #2 above); and (d) all of the stable items (the items in #3 above).

Two figures help to describe these analyses.[27] Figure 38 plots the proportion of items that replicate. The dotted lines at the bottom show the mean proportion of qualified items (red dotted), structurally invariant items (black dotted), and structurally stable items (blue dotted) per factor relative to the total item count (696 items). The green line is included as reference — it is the inverse of the number of factors extracted. These lines decrease rapidly as a function of complexity; as more factors are extracted, the number of items with primary loadings on any one factor decreases. The top two lines show the relationship between the qualified items, the structurally invariant items and the structurally stable items. There is considerable variability in the proportion of replicated/stable items to the qualified items. As with any proportion, this is partly driven by changes in the denominator (spikes and dips in the number of qualified items from one solution to the next) or the numerator (changes in the number of replicated/stable item counts) or both. It is important to remember that the values being plotted are means across all of the factors at each level of extraction — this explains why the qualified/all proportion is sometimes greater than 1/factors. All else being equal, higher mean proportions of stable items are better as this suggests a better distribution of stable items across the factors.

[27] I welcome suggestions about alternative methods for visualizing and interpreting these results. I was not able to readily identify existing methods in the factor analytic literature, presumably because few people bother to conduct EFA replications.

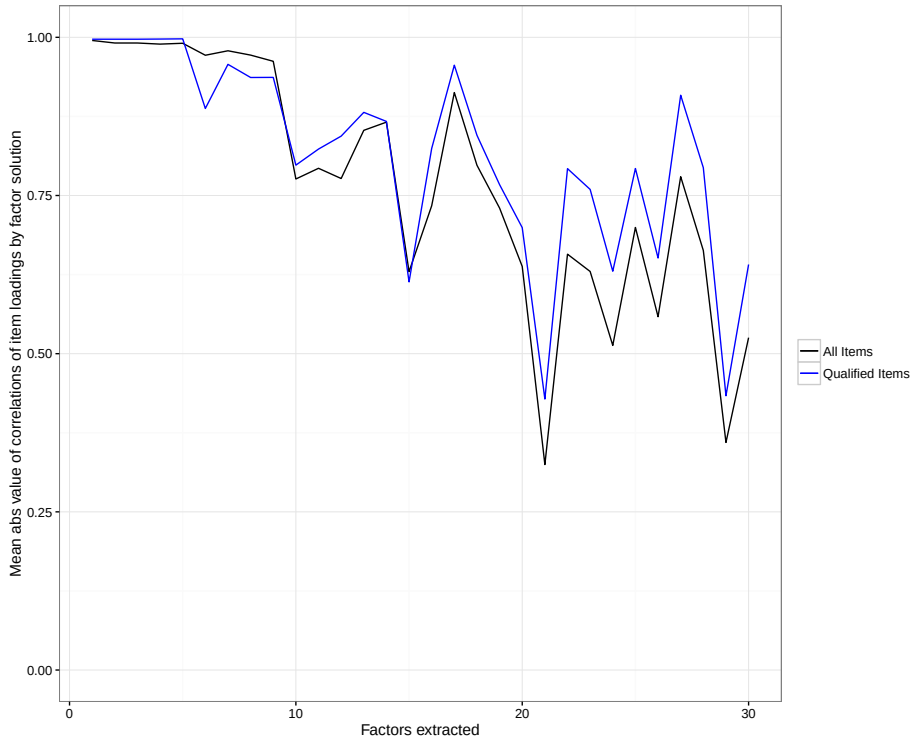


Figure 39: The mean absolute value of the correlations between factor loadings across samples.

Figure 38 shows the mean correlations of item loadings by factor for each factor solution. For example, the mean correlation for the 22 factor solution is found by determining the correlation between item loadings across samples for the 1st factor and then the 2nd factor and so on through all 22 factors... and then finding the average of those correlations. Note that the plot for the qualified items is missing a value for the 26 factor solution because it contains a junk factor without any qualified items. Higher values indicate better correspondence between samples. As with the proportions, the expected correlation should decrease as a function of the complexity of the solution (i.e., the number of factors extracted). This means it is not accurate to say that solutions with more factors are necessarily worse than those with fewer factors solely because they have lower correlations.

In sum, the replication analyses point to similar conclusions. Both provide excellent support for the 5 factor solution. The proportional approach indicates that the 5 factor solution replicates better than all others beyond 1 factor; the correlational approach indicates that it replicates as well as all solutions with fewer factors extracted. Beyond the Big Five, several solutions indicated locally superior replicability relative to nearby solutions. The 17 and 27 factor solutions were most notable, followed by 14 and 22. While the 17 factor solution had higher mean correlations and higher proportions of replicated/stable items in absolute terms, the 27 factor solution replicated nearly as strongly despite the larger number of factors extracted. Solutions with 10, 15, and 20 to 26 factors replicated poorly.

6.5 How many factors?

At this point, I have identified the fit statistics and eigenvalues for each of the factor solutions in both the Exploratory and Replication samples, identified the number of qualified items for each factor in each factor solution, aligned the factors at each level of extraction across samples, and considered several metrics of replicability for each solution. Enough already. So, what is the conclusion? Well, there appear to be three levels in the data. One at 5 factors, one at around 17, and a third at 26 or 27 factors.

The first of these is the most clear and least surprising. While it is reassuring that the Big Five emerged once again, it would have been more surprising — and a little concerning — if this hadn't happened. The replicability of this solution has been almost universally supported elsewhere and, in any case, the deck was stacked a bit in that many of the items in this sample were taken from measures based on Big Five and Big Six solutions (though some other types were included and the number of items taken from Big Five and Big Six measures was roughly equal). It is worth noting that the 6 factor solution is not nearly as good as 5 and, more importantly, it does not reflect the familiar six factor structure. Instead of the HEXACO, the replicated six factors in these samples were Sociability, Emotional Reactivity, Compassion, Conscientiousness, Intellect, and... something like Boldness/Surgency (or whatever the reverse-coded label might be; see Tables A1-41 and A1-42 in Appendix A).

The level at around 17 factors is less clear than the 5 factor solution but still quite good. In the Exploratory sample, parallel analysis indicated that 17 was the optimal solution, but this same approach suggested 27 in the larger Replication sample. Similarly, the empirical BIC statistic suggested 19 factors in the Exploratory sample but the value was considerably higher in the Replication sample (25). Complexity plots for both samples suggested slightly less complex solutions at 15 and 16 factors but the reduction in complexity was more noticeable at higher levels (25-27). The number of qualified items in both samples suggested that the 17 factor solutions were acceptable but not clearly better than the nearby solutions (15-19 factors). The most compelling evidence in support of the 17 factor solution stems from the replication analyses — among factor solutions with more than 9 factors, it had the highest mean proportion of structurally invariant and stable items and the highest average correlations among factor loadings.

If considered by itself, I think there is sufficient justification for the 17 factor solution to be used as the basis for an assessment model. However, I did not feel there was sufficient justification to include it as the middle level of a hierarchical model with 3 levels. This is because the 17 factor solution is fully accounted for by the 27 factor solution. 15 of the 17 factors are functionally equivalent to those in the 27 factor solution and the remaining two factors are combinations of factors in the 27 factor solution. One of these two is a combination of Industriousness and Orderliness (see Tables A1-277 and A1-282 in Appendix A). The other is a combination of Imaginative and Cultured (see Tables A1-287 and A1-290).[28] Given this overlap and the additional utility of the 27 factor solution, I decided to not to include the 17 factor solution in a 3-tier hierarchy, opting instead to focus only on the higher and lower levels.

The 27 factor solution replicated well across the samples and also produced a factor structure that was both clear and interpretable. While none of the fit statistics indicated that 27 factors was the best solution, several pointed to nearby solutions (25, 26, 29) and 27 factors was supported by the parallel analysis in the Replication sample. The qualified item counts at 27 factors were excellent in the Exploratory sample and very good in the Replication sample (there was 1 under-identified factor). The replication analyses also provided strong support. The 27 factor solution replicated more strongly, in absolute terms, than all of the solutions with more than 18 factors. By some criteria (the mean proportion of replicated/qualified items and correlations among loadings for qualified items), the 27 factor solution outperformed all levels above 9 except for 14 and 17. I think it's reasonable to claim that the 27 factor solution replicated better than any other (except 5) *after* accounting for the substantially higher levels of complexity.[29] Certainly, none of the nearby solutions performed nearly as well and several of these contained multiple junk factors. Further consideration of the merits of this solution are provided in the commentary section below.

So, how many factors? I advocate for a hierarchical model that has a level with 5 factors and a level with 27 factors. As Robert Sternberg (1990) observed, academic psychologists tend to be either lumpers or splitters when it comes to factor structure. His reference was specific to the organization of cognitive abilities, but the same might be said for other features of personality. For some researchers (or, more often, some assessment settings), one approach may be preferred. The use of hierarchical measures makes it possible to have both options. The 5 factor level will allow for assessment that is consistent with the massive literature

[28] The full list of 17 factors — using labels assigned by me — includes Sociability, Positivity, Conscientiousness (a combination of Industriousness and Orderliness), Compassion, Irritability, Honesty, Adventurousness, Openness (a combination of Imaginative and Cultured), Intellect, Worry, Conservatism, Humor, Impulsivity, Trust, Humility, Inactivity, and Self-Discipline.

[29] Unfortunately, I can't quite figure out how to quantify/adjust for the larger number of parameters being estimated so... until someone does, it's probably wise not to over-interpret that claim.

on the relationships between the Big Five and a host of other topics. The 27 factor level allows for more specific and narrow assessment, as is needed for prediction. While this hierarchy does not reflect a beautifully symmetrical theoretical model like the NEO-PI-R™(Costa and McCrae, 1992) or HEXACO (Ashton et al., 2004; Lee and Ashton, 2004), it offers the alternate benefit of empirical derivation — a quality that will hopefully make it more replicable, more predictive, and more amenable to iterative improvement.

6.6 Commentary on the levels identified

I did not expect that any of the solutions with more than a dozen factors or so would emerge to be clearly superior than the rest.[30] Nor do I believe that I "discovered" a structure because I wanted to find something interesting in the data. I was fully prepared to derive scales based on a more manageable number of factors.[31] Still, I acknowledge the possibility that bias has crept in because of the incentives to find *something*. If so, I trust that I will be corrected following re-evaluation by others. In any case, the broader goal of these analyses is to develop a predictive assessment model that is incrementally superior to those that are currently available. I think the 5 and 27 factor 'heterarchy' is a good start but we won't know until we evaluate validity. It might take a few iterations to move things forward.

Now, I want to make some additional observations about future attempts at replication, overfactoring, and validity.

6.6.1 The likelihood for further replication

With regards to interpretation of the factors in terms of the likelihood for further replication... I wish I could say that there is one or more factor models (beyond the regularly referenced five or six factors) that is likely to replicate in *all* reasonably sized samples. Or even many samples. I'm not comfortable saying that without many conditional statements about the characteristics of the participant sample and the item sample. The many sensitivity analyses discussed in Section 4 were presented for good reasons. The samples used here are large but idiosyncratically different from the populations of all possible participants and items. All other samples will also differ idiosyncratically and these differences will directly affect the covariances between items and, therefore, the resultant EFA output. I think the 27 factor structure is likely to replicate if a similar item set is administered to a large and diverse pool of participants.[32]

6.6.2 Heterarchy and the potential for overfactoring

With regards to the possibility of overfactoring, it is important to acknowledge that the majority of solutions produced one or more factors that were uninterpretable across samples and this was especially true for the solutions with more factors. Only the solutions with 1-9, 14, 15, 17 and 27 factors were fully interpretable in both solutions due to the presence of uninterpretable or junk factors. It is my anecdotal experience that the term "overfactoring" is used in psychometric circles to suggest that a grave error has been committed; factors have been identified that are not likely to replicate or are not meaningful. In the 27 factor solution, there are a few weak factors that I view as problematic.[33] They are problematic because they include relatively few items and/or include item content that has not received much attention in the personality literature. While I acknowledge the risk of overfactoring (I spent a lot of time worrying about this concern), the replicability of these factors supports their retention despite the weakness.

[30] As I mentioned earlier, my first attempt at these analyses was conducted as part of my dissertation. At the time of my defense, only the Exploratory sample had been collected (barely) and I only ran the EFA up to 15 factors because of the time and energy required... this was only one part of my dissertation, after all. I later expanded the scope at the urging of two colleagues who pointed out that 15 was not sufficient given the theoretical structure proposed by Costa & McCrae.

[31] Again, the evidence for this is my dissertation.

[32] Someone should do this with the ESCS sample. I don't know what to predict about the strength of replication. That sample is considerably less diverse than the ones used here on several variables that *probably* affect the structure, but I don't know whether (or to what extent) that's true. Also note that the ESCS was not administered 79 of the Eysenck items included among the 696 used here. A proper analysis would begin by evaluating the similarity of the correlation matrices for the 617 common items.

[33] These are denoted in the next section as factors 21, 23, and 26.

In general, my concerns about the spector of overfactoring have waned considerably during the course of this research. This is partly driven by the recognition that overfactoring will work itself out during the course of replication and validation analyses. Meaningless factors will not survive for long. However my views have also been affected by a more nuanced appreciation for the variable strength of factors. Anyone who has studied a loadings matrix has probably recognized that some factors have more items with primary loadings than others. But the relative strength of factors will change when more or fewer factors are extracted. In this project, I extracted from 1 to 30 factors in two samples and was constantly reminded that the relative strength of factors at any one level depends on (a) the internal structure of the factors at lower levels (solutions with fewer factors extracted), (b) the strength of association among factors at lower levels, and (c) the characteristics of the sample.

All of these features (a, b, and c) are directly implied by the statement that personality structure is **heterarchical**. It's not just a hierarchy with structural dependency across levels. It can be further classified as a heterarchy because the structural associations across AND within levels *change* based on characteristics of the sample from which they were derived.[34] Factors that represent basic, biologically determined differences among all humans (or any animal, for that matter) should be relatively strong in most samples. Eysenck posited Extraversion and Neuroticism as examples. But traits — and factors — can be placed on a spectrum of universality that includes emic and even idiosyncratic features of personality. This dimension of universality would be pretty well reflected in the relative strength of factors if the sample (of items and respondents) were perfectly representative of the population (of items and respondents). Of course, they aren't. The relative strength of factors — that is, the relationship between the factors across and within levels — will differ depending on the sampling characteristics.

This is relevant to concerns about overfactoring because more damage is done by throwing out weak factors than by checking to see if they replicate. Weak factors may indicate the existence of dimensions that are not well covered by any of the frameworks that contribute to the 696 items in these samples.[35] Such dimensions may only contain a few items because the *item sample* only contains a few items with relevant content. Similarly, the weakness of some factors may reflect characteristics of the participant sample. For example, at least two of the weak factors in the 27 factor solution are comprised of content that relates to maladaptive traits. These factors may not capture considerable variance in large normative samples (like those used here) but may have high predictive utility for clinical applications. And, as previously mentioned, the case for retaining weak factors in this 27 factor solution is buoyed by the fact that they replicated across both samples.

6.6.3 Expectations about validity

With regards to interpretation of the factors in terms of expectations about validity, I have only three comments. First, it doesn't matter what I think about validity. Validity is an empirical concern and there are many ways and criterion against which it should be evaluated. (But I won't let this stop me from talking about it.) Second, I *expect* a measurement model based on the 27 factor solution described here to be comparatively more valid than measurement tools at similar levels of specificity. This may be a somewhat controversial claim. I only mean to suggest that these factors should be more predictive of individual differences in "other stuff" than rationally/theoretically derived models (assessed with these same items) because the 27 factors described here are empirical indicators of *actual differences* in responses to the items. Here again, several considerations should be made about the sample characteristics, but I believe that the empirical approach will ultimately prove more useful than the rational approach. If not these 27 factors, then some better informed revision of them. We'll see.

Third, the face validity of the factors in the 27 factor solution (for that matter, in all of the factor solutions) varies considerably. I agonized a great deal about whether solutions with 25 or more factors should be dismissed on the grounds that this *felt* like overfactoring, especially given the identification of a

[34] And probably also based on characteristics of the situation. This is not particularly relevant to cross sectional evaluations of structure (like these). I only mention it as a preemptive retort to those who would argue that I am confusing the vagaries of sampling for dynamism in structure.

[35] Recall the prolonged discussion of representativeness in item sampling in Section 2.2.

few weaker factors (see above). These concerns evaporated when I realized that **evaluations of the validity of various factor solutions** is different from **evaluations of the validity of the underlying factors**. It may be that one or more of these factors should be skipped when conducting assessments because it/they do not relate to "other stuff" that is meaningful. Not all factors need to predict Very Important Outcomes. Some of them probably don't and that's fine. But, the removal of factors *at this stage* based on face validity or theory (aka bias) would undermine all of the comparative analyses conducted on these samples.

6.6.4 Open questions for future research on personality structure

There are a couple of questions that need further evaluation. The most obvious is whether we should continue to look beyond 30 factors. I think we definitely should but only if we can increase the scope of data collection by another order of magnitude. Given the effort required to evaluate large solutions in multiple samples (there are few economies of scale in terms of researcher effort) and the increasing frequency of junk factors in larger extractions, I would not bother extracting 40-50 factors unless I had large samples with 1000 items or more. If I could figure out a method to collect multiple large samples with 5000 items or so (I suspect this is roughly the number of public-domain items in existence), I might be willing to extract as many as 100 factors. That said, I don't personally believe there are likely to be more than 40 or 50 traits with generalizable predictive utility[36] and I think that most of those (25-27) are probably in this 27 factor solution. Another critical question relates to the representativeness of the 700 items administered to these samples. I have written extensively about this topic in Section 2 and in other places (Condon, 2014), but I view this as the most nagging question. We cannot have complete confidence in models at any level of specificity unless someone can demonstrate with some certainty that we've covered all of the important constructs. I'm not yet convinced this can be done.

7 Identify new scales

Now that we have identified the desired level(s) of extraction, we want to make scales for assessing personality at those levels with as few items as possible. The challenge here is to describe the steps used to select the items in a manner that is both consistent and clear. The exact method is described in considerable detail below but, in general, I used items with the highest and *most stable* loadings on each factor, while also taking several other characteristics of the items under consideration. Going into the item selection process, I had a hunch that it would make more sense to select the items first at the more specific level because I figured that many of those items would also work well at the less specific level. I planned to add items for the 5 factor scales as needed to boost internal consistency, but this did not prove necessary because there were sufficient overlapping items to make 5 factor scales with high internal consistency. In this section, we first import results of the item-level qualitative analyses (reported more thoroughly in Condon, Graham, Weston & Mroczek (in prep)) and consolidate them with the results from the exploratory factor analyses (the loadings). Then we use this info to select the items for the 27 factor scales. Next, we select items for the 5 factor scales from the pool of items in the 27 factor scales. Finally, we make scoring keys for all of the scales before concluding with some comments on the practice of using response styles to influence scale construction.

7.1 Item-level qualitative analyses

Before constructing the scales, we need to review/clarify which characteristics of the items were considered in addition to the loadings and why. There are several reasons why it can be problematic to rely only on the factor loadings when choosing items. The most basic reason is that this will prioritize internal consistency at the expense of validity. This is because it tends to de-emphasize the least salient aspects of the extracted factors, and this can reduce (1) the fit between the resultant measurement model (the scales) and the

[36] To be clear, I think there are probably several dozen meaningful traits, but most of these are not univerally salient. Instead, they are salient only in selected groups and they may, in fact, be highly predictive with those groups. I don't mean to say there are only 40 meaningful traits.

structural model (the factors) and (2) the utility (predictive validity) of the measurement model across a wide range of situations and individuals. Second, the selection of items based solely on the magnitudes of the loadings substantially increases the likelihood that two or more items will have highly redundant content. This is not only inefficient but also frequently leads to so-called "enemy" items in the context of computer adaptive testing.

Of course, items also differ from one another in terms of non-psychometric, qualitative properties. Examples include the readability, clarity, and salience of the items. By this I mean that the items: (1) do not use language and vocabulary that is equivalently sophisticated (they are not equally readable); (2) are not equivalently clear in their wording (clarity); and (3) are not perceived to be equally relevant for personality assessment. While these item properties certainly influence the results of psychometric analyses, it's hard to know how. In an attempt to guard against the potential use of items that are not clear, salient or easily understood by a diverse range of participants, several types of qualitative analyses were conducted before final selection of the items to be included in the scales at each level. These specifically included analyses of readability, perceived clarity, and salience for the 696 items used in these samples (and 104 other items that are not described here). The rationale and results for each of these analyses are described below.

7.1.1 Readability analyses

The rationale for conducting readability analyses on the items should be clear; it is imperative that the item content is as widely comprehensible as possible. Certainly, universal comprehension is not a reasonable goal. Sadly, many individuals are fully or partially illiterate and therefore unable to read most or all of the items. Many more individuals do not speak or read English as their native language and the use of uncommon words or complex sentence structure may pose a problem for these individuals. It is also the case that items might not have uniform clarity due to vague wording, cultural/regional variations in word meaning, and/or the use of colloquialisms.

Many methods are available for evaluating readability. One of the most popular tools is the Lexile text analyzer, a proprietary (though freely available) tool owned by MetaMetrics. Estimated lexile scores for each of the items was obtained by entering the text directly into the Lexile text analyzer at https://lexile.com/analyzer/.

We also used the `R` package 'koRpus' (Michalke, 2016) to evaluate the readability of the items using other non-proprietary metrics. These included the Flesch-Kincaid measure of reading grade level, the Flesch-Kincaid estimate of reading age level, the SMOG reading grade level, the SMOG estimate of reading age level, the Automatic Readability Index (based on reading grade level), and the Coleman Liau reading grade level.

It should be noted that no assessment of readability is particularly well-suited to brief phrases or short sentences. This is mainly due to the fact that sentence length is often used as one of the parameters in determining difficulty (along with word frequency). It is possible that very short sentences about complicated or nuanced topics would reflect a low reading level even though responding might require relatively mature or abstract cognitive abilities.[37]

The following code chunk shows how the items were analyzed using the koRpus package and also pulls in the Lexile estimates as derived directly on the Lexile website. These values will be used (along with estimates of clarity and salience) for selecting items in the next section.

```
suppressPackageStartupMessages(library(koRpus))
# Individual users will need to download and install the koRpus package.
# The koRpus package also requires a free, open-source app called TreeTagger
# to tokenize the text.  See
# http://www.cis.uni-muenchen.de/~schmid/tools/TreeTagger/ for more info.
# The following line simply points to the local installation of TreeTagger
# and will need to be customized for those who want to reproduce this
# section of code.
set.kRp.env(TT.cmd = "/Users/dmc174/bin/TreeTagger/cmd/tree-tagger-english",
```

[37] By way of anecdote regarding enigmatic Lexile scores, consider that all three of these book titles have similar results according the Lexile website: *Anna Karenina* by Leo Tolstoy (Lexile score of 1080), *Ulysses* by James Joyce (1050), and *Diary of a Wimpy Kid* by Jeff Kinney (1060).

```
    lang = "en")

FKage <- list()
FKgrade <- list()
SMOGage <- list()
SMOGgrade <- list()
ARI <- list()
CL <- list()
items <- list()
```

```
# ItemInfo696 contains the item content for all the items
for (i in 1:nrow(ItemInfo696)) {
    write(ItemInfo696[i, 1], file = paste(filepathdata, "items/", rownames(ItemInfo696)[i],
        ".txt", sep = ""))
    item <- tokenize(paste(filepathdata, "items/", rownames(ItemInfo696)[i],
        ".txt", sep = ""), lang = "kRp.env")
    rdb <- readability(item)
    FKage[i] <- rdb@Flesch.Kincaid$age
    SMOGage[i] <- rdb@SMOG$age
    FKgrade[i] <- rdb@Flesch.Kincaid$grade
    SMOGgrade[i] <- rdb@SMOG$grade
    ARI[i] <- rdb@ARI$grade
    CL[i] <- rdb@Coleman.Liau$grade
    items[i] <- rownames(ItemInfo696)[i]
}
```

```
readability <- data.frame(unlist(FKage), unlist(SMOGage), unlist(FKgrade), unlist(SMOGgrade),
    unlist(ARI), unlist(CL))
readability$readage <- (readability[, 1] + readability[, 2])/2
readability$readgrade <- (rowSums(readability[, 3:6])/4)
colnames(readability) <- c("FKage", "SMOGage", "FKgrade", "SMOGgrade", "ARIgrade",
    "CLgrade", "readage", "readgrade")
rownames(readability) <- unlist(items)

# add Lexile scores
load(paste(filepathdata, "QualitativeInfo.Rdata", sep = ""))

lexile <- lexile696

readability$lexile <- lexile[rownames(readability), c("lexile")]
```

7.1.2 Item clarity and salience

Independent of reading level evaluations, data were collected to assess the perceived clarity and salience of each item. The rationale for this data collection was based on recognition that the first author's familiarity with (indeed, passion for) the corpus of personality items may have allowed for more frequent inclusion of items with personality psychology jargon. For example, anecdotal experience suggests that many well-educated people are not familiar with the phrase "shirk my duties."[38]

The gold-standard for evaluating these sorts of issues is to use focus groups. Unfortunately, these methods tend to be expensive and time-consuming. Online surveys were used as a cost-effective, albeit lower-quality, alternative. Data about the clarity and salience of each item were collected from a sample of Amazon Mechanical Turk workers (N = 2,649). Each worker was presented with a random subset of all of the items. Participants were asked to rate 18 items for clarity ("For the items on this page, please describe the clarity of the wording for each of the phrases or sentences given below.") and an additional 18 items for salience ("Please rate the importance of each item on this page relative to your views about personality.").

Note that much more information about these analyses can be found in the supplement for a related paper (Condon, Graham, Weston & Mroczek, (in prep)) on qualitative analyses of personality items and scales. The following code chunk pulls in the means, standard deviations and sample sizes for the ratings of each item — we'll use this info along with the readability information during the selection of items for scales (up next).

[38] This phrase has occasionally elicited inexplicable snickering from undergraduates in the lab.

```
qualitative <- Qtable696
# Describe the size of the sample for item clarity ratings
mean(qualitative$c_n)

## [1] 33.625

median(qualitative$c_n)

## [1] 32

sd(qualitative$c_n)

## [1] 4.603271

# Describe the size of the sample for item salience ratings
mean(qualitative$s_n)

## [1] 33.54167

median(qualitative$s_n)

## [1] 32

sd(qualitative$s_n)

## [1] 4.603844
```

7.2 Twenty-seven factor scales

This section documents the procedures used for creating scales based on the 27 factors extracted (and replicated) in the 27 factor solutions. I aimed to identify 5 items for each factor based on my experience with CAT-based tools in other domains (namely, PROMIS™, the Patient Reported Outcome Measurement Information System). In my experience with those measurement tools, 5 items is usually sufficient to locate respondents who are within two standard deviations of the mean. In fact, most respondents can be located using computer adaptive testing with only 3 or 4 items and there are "stopping rules" in place for most measures after 5 items have been administered. But... these CATs also make use of item selection algorithms that choose from larger item pools — a few of the domain-specific PROMIS item pools contain more than 100 calibrated items.[39] It would have been better to derive 10 items for each factor, but that didn't make sense with 27 facets for several reasons. The most important is that it's not possible to identify 10 or more items with high primary loadings for all the factors. Other reasons include the fact that, with 270 items, the resultant scales would retain nearly 40% of the original 696-item set and would produce a test that is longer than most participants are willing and able to complete in cases where CATs are not possible. An alternate approach would have been to identify a variable number of items for each scale, using as many as needed to demonstrate sufficient internal consistency. I think this approach places too much emphasis on alpha[40] and is confusing for many researchers to score. Still, this is a legitimate alternative to be considered for future revisions.

Anyway, here's what I did. I identified 5 items for the 27 fixed-length scales. I also chose an additional set of items for each of the 27 factors (5 in most cases but fewer in a few cases where I couldn't get to 5) that were also reasonably good candidates for CAT-based item pools. The creation of a larger/secondary item set and further discussion of CAT development will definitely be addressed in future research but will not be discussed again here.

The first step in the identification of items is to create tables of the candidate items for each of the 27 scales. By looping through the code chunk provided below, tables of items are generated for each factor and saved as a separate .csv file. I ran these loops manually but the process could easily be automated.

[39] This is IRT lingo. In two parameter logistic item-response models, the calibrations are the sample-specific difficulty and discrimination parameters.

[40] After several simulations, I re-learned what I had previously been taught by Bill Revelle. The best way to increase the alpha of a scale is to add more items but this does not necessarily increase the general factor saturation.

```
options(width = 110)
# Start by making lists of items from the five factor solution.  First, all
# of the items with primary loadings on each of the five factors
b5_qual <- c(replicationEFA5_1$qualItems, replicationEFA5_2$qualItems, replicationEFA5_3$qualItems,
    replicationEFA5_4$qualItems, replicationEFA5_5$qualItems)
# Then the items that PASSed the test of structural replicability across
# samples for each factor
b5_pass <- c(replicationEFA5_1$structuralPass, replicationEFA5_2$structuralPass,
    replicationEFA5_3$structuralPass, replicationEFA5_4$structuralPass, replicationEFA5_5$structuralPass)
# Then those with stable factor loadings across the samples
b5_stable <- c(replicationEFA5_1$stableItems, replicationEFA5_2$stableItems,
    replicationEFA5_3$stableItems, replicationEFA5_4$stableItems, replicationEFA5_5$stableItems)

ItemInfo696$b5_stable <- ifelse(rownames(ItemInfo696) %in% b5_stable, 1, 0)
ItemInfo696$b5_pass <- ifelse(rownames(ItemInfo696) %in% b5_pass, 1, 0)
ItemInfo696$b5_qual <- ifelse(rownames(ItemInfo696) %in% b5_qual, 1, 0)

ItemTable <- data.frame(ItemInfo696[, c(1, 10:12)], qualitative)

# Now here is our example.  Here is the correspondence across samples.  This
# means exploratory factor 1 was replication factor 2, etc.
SPI_27exploratoryFactorCorrespondence = c(1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11,
    12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27)
SPI_27replicationFactorCorrespondence = c(2, 3, 1, 5, 6, 7, 12, 4, 11, 17, 8,
    9, 15, 14, 16, 10, 13, 18, 20, 19, 21, 26, 23, 22, 25, 24, 14)

# Which factor extraction solution are we looking at?
EFAn = 27

# give a generic name to the factor correspondence vector
matchrep = SPI_27replicationFactorCorrespondence

# Now just run the code below to identify the items for that factor.
exp <- eval(parse(text = paste("expSampleCor696autoFA$FAoutput$fa", EFAn, "$fa$loadings",
    sep = "")))
rep <- eval(parse(text = paste("repSampleCor696autoFA$FAoutput$fa", EFAn, "$fa$loadings",
    sep = "")))


for (n in 1:EFAn) {

    stable <- eval(parse(text = paste("replicationEFA", EFAn, "_", n, "$stableItems",
        sep = "")))
    pass <- eval(parse(text = paste("replicationEFA", EFAn, "_", n, "$structuralPass",
        sep = "")))
    qual <- eval(parse(text = paste("replicationEFA", EFAn, "_", n, "$qualItems",
        sep = "")))
    ldgs <- eval(parse(text = paste("replicationEFA", EFAn, "_", n, "$magldgs",
        sep = "")))

    # Sort the items in descending order by the magnitude of the average primary
    # loading
    sortedLdgs <- sort(ldgs, decreasing = TRUE)
    factorTable <- ItemTable[names(sortedLdgs), ]
    factorTable$stable <- ifelse(rownames(factorTable) %in% stable, 1, 0)
    factorTable$pass <- ifelse(rownames(factorTable) %in% pass, 1, 0)
    factorTable$qual <- ifelse(rownames(factorTable) %in% qual, 1, 0)
    factorTable$sortedLdgs <- sortedLdgs
    factorTable$stability <- ifelse(factorTable$stable == 1 & factorTable$b5_stable ==
        1, 1, ifelse(factorTable$pass == 1 & factorTable$b5_stable == 1, 2,
        ifelse(factorTable$qual == 1 & factorTable$b5_stable == 1, 3, ifelse(factorTable$stable ==
            1 & factorTable$b5_pass == 1, 4, ifelse(factorTable$pass == 1 &
            factorTable$b5_pass == 1, 5, ifelse(factorTable$qual == 1 & factorTable$b5_pass ==
            1, 6, ifelse(factorTable$stable == 1 & factorTable$b5_qual == 1,
            7, ifelse(factorTable$pass == 1 & factorTable$b5_qual == 1, 8, ifelse(factorTable$qual ==
                1 & factorTable$b5_qual == 1, 9, ifelse(factorTable$stable ==
                1, 10, ifelse(factorTable$pass == 1, 11, ifelse(factorTable$qual ==
                1, 12, 13)))))))))))
    factorTable$qualitativeRank <- round((scale(factorTable$clarity) + scale(factorTable$salience) -
        scale(factorTable$readgrade) - scale(factorTable$readage) - scale(factorTable$lexile))[,
        1], 2)
    factorTable <- subset(factorTable, select = c(Item, sortedLdgs, stable,
        pass, qual, b5_stable:b5_qual, stability, clarity, salience, lexile,
        readage, readgrade, qualitativeRank))
    assign(paste("factorTable", n, sep = ""), factorTable)
    write.csv(factorTable, file = paste(filepathdata, "factorTable/factorTable",
        n, ".csv", sep = ""))
```

```
}
```

Note that as a matter of protocol, I opened each of the .csv files generated in the previous chunk of code and annotated them to indicate which items were selected or excluded. I have archived screenshots of each of these files in Appendix B. (Screenshots are shown because I used some of the convenient formatting tools available in Microsoft Excel but, since this is not freely available software, I chose not to share the Excel files directly). The same three decision criteria were used for each facet. These were:

- **Item loading.** Items were considered in descending order based on the magnitude of the *average* of the loadings on the 27 factor solutions for each sample (the item tables were sorted on this basis in the prior code chunk). I did not use the weighted average loading because doing so would have given more considerably more weight to the structure of the replication sample and I didn't feel this was justified. I also might have used the loadings for the 27 factor solution after combining the data but this would have further ignored the merits of replicability.

- **Structural stability.** In an attempt to increase replicability for these scales and improve assessment efficiency, I developed a stability index that ranked each item from 1 to 13. The rankings for each item are labeled 'stability' in the tables for each factor. These rankings were formulaically derived based on the replicability and similarity of loading magnitudes across the 27 factor solutions and the 5 factor solutions. These features are indicated for each item by the columns labeled 'stable,' 'pass,' 'qual,' 'b5_stable,' 'b5_pass, and 'b5_qual.'

  Items are coded as 'qual' if the item is 'qualified' in at least one sample — recall that this means that it has a primary loading with an absolute value above 0.3 and no secondary loadings with absolute values above 0.3. Note that some items are qualified in one sample but not both. Items are coded as 'pass' if the item is qualified on the same factor in both samples. Items are coded as 'stable' if coded as 'pass' and the difference in loadings is less than 0.1. Note that this is twice as stringent as the recommended values for exploratory factor analysis replication (the recommended difference threshold is 0.2, Osborne and Fitzpatrick, 2012). The stable items are a subset of the pass items which are a subset of the qual items. Codings for 'b5_stable' and 'b5_pass' represent those items with stable loadings (difference of less than 0.1 across samples) or less stable but still structurally equivalent loadings across samples for the 5 factor solutions. 'b5_qual' is less strict than 'b5_pass' because it indicates that the item was qualified at the level of 5 factors of extraction but it was not structurally invariant. These latter three criteria are relevant because I'm attempting to identify items at the facet level (27) which may also be useful at the factor level (5). While it is not particularly critical that we use items for the 27 factor scales that are also representative of the 5 factor structure, it is more efficient because it allows for the derivation of scores on multiple levels with a single assessment. The codings for these variables are used to generate the stability ranking for each item as follows:

  1. stable and b5_stable
  2. pass and b5_stable
  3. qual and b5_stable
  4. stable and b5_pass
  5. pass and b5_pass
  6. qual and b5_pass
  7. stable and b5_qual
  8. pass and b5_qual
  9. qual and b5_qual
  10. stable
  11. pass
  12. qual
  13. items that are not qualified in either sample at the 27 factor level

- **Qualitative rank.** I also developed an index based on the qualitative data collected on each item. This index used equal weightings for five characteristics of the items. The 'clarity' and 'salience' values were based on the ratings described in Section 7.1.2. Clarity ratings reflect the perceived clarity of

the wording for each item (from 1 to 4) and salience ratings reflect the perceived importance of each item to the raters views about personality. The 'lexile,' 'readage,' 'readgrade' values were based on those described in Section 7.1.1. The Lexile values are taken exactly as described. The 'readage' and 'readgrade' values are the averages of the age and grade measures generated by the koRpus package. These five values are all scaled. The 'qualitativeRank' value in the table for each of the 27 factors is the sum of the scaled clarity and salience values minus the scaled values for lexile, readage, and readlevel.

In addition to these criteria, I also considered whether the item content was highly redundant with a previously selected item or included colloquial language. I tried to avoid the use of colloquialisms as these tend to cause problems when translating items. Note that I did *not* consider the direction of item content when choosing items. There is some debate about this practice; I discuss it in more detail at the end of this section (see sub-section 7.5).

The code below shows the items that were chosen for each of the 27 facet level scales *by item number only*. The item content is shown in Table 24 in Section 9.

```
options(width = 110)
# SPI_27 `prelim' labels are mine, not the final crowd-sourced names.  Factor 1 items - prelim label:
# compassion
SPI_27_1 <- c("q_90", "q_253", "q_1763", "q_851", "q_1832")
# other acceptable items: q_844, q_298, q_460, q_98, q_1962
x1 <- factorTable1[SPI_27_1, ]
y1 <- psych::describe(x1[, c(10:14)], fast = TRUE)

# Factor 2 items - prelim label: irritability
SPI_27_2 <- c("q_952", "q_1357", "q_1585", "q_1683", "q_176")
# other acceptable items: q_926, q_1591, q_4300, q_965, q_4235
x2 <- factorTable2[SPI_27_2, ]
y2 <- psych::describe(x2[, c(10:14)], fast = TRUE)

# Factor 3 items - prelim label: sociability
SPI_27_3 <- c("q_1904", "q_312", "q_684", "q_4243", "q_1923")
# other acceptable items: q_1899, q_1531, q_4247, q_4267, q_314
x3 <- factorTable3[SPI_27_3, ]
y3 <- psych::describe(x3[, c(10:14)], fast = TRUE)

# Factor 4 items - prelim label: well-being
SPI_27_4 <- c("q_578", "q_811", "q_1371", "q_2765", "q_820")
# other acceptable items: q_285, q_1044, q_1038, q_1578, q_832
x4 <- factorTable4[SPI_27_4, ]
y4 <- psych::describe(x4[, c(10:14)], fast = TRUE)

# Factor 5 items - prelim label: sensation-seeking
SPI_27_5 <- c("q_1367", "q_1664", "q_1662", "q_1781", "q_598")
# other acceptable items: q_1306, q_292, q_1780, q_2011, q_804
x5 <- factorTable5[SPI_27_5, ]
y5 <- psych::describe(x5[, c(10:14)], fast = TRUE)

# Factor 6 items - prelim label: worry
SPI_27_6 <- c("q_4249", "q_1989", "q_4252", "q_1505", "q_808")
# other acceptable items: q_4256, q_1596, q_986, q_85, q_332
x6 <- factorTable6[SPI_27_6, ]
y6 <- psych::describe(x6[, c(10:14)], fast = TRUE)

# Factor 7 items - prelim label: honesty
SPI_27_7 <- c("q_4296", "q_1812", "q_2853", "q_1896", "q_501")
# other acceptable items: q_1765, q_1808, q_2021, q_393, q_2003
x7 <- factorTable7[SPI_27_7, ]
y7 <- psych::describe(x7[, c(10:14)], fast = TRUE)

# Factor 8 items - prelim label: industry
SPI_27_8 <- c("q_904", "q_1744", "q_1979", "q_1452", "q_1444")
# other acceptable items: q_1087, q_992, q_985, q_637, q_602
x8 <- factorTable8[SPI_27_8, ]
y8 <- psych::describe(x8[, c(10:14)], fast = TRUE)

# Factor 9 items - prelim label: intellect
SPI_27_9 <- c("q_1253", "q_240", "q_493", "q_422", "q_1834")
# other acceptable items: q_722, q_1235, q_423, q_132, q_157
x9 <- factorTable9[SPI_27_9, ]
y9 <- psych::describe(x9[, c(10:14)], fast = TRUE)
```

```
# Factor 10 items - prelim label: imaginative
SPI_27_10 <- c("q_128", "q_2745", "q_2754", "q_1392", "q_1058")
# other acceptable items: q_516, q_1090, q_609, q_1083, q_1232
x10 <- factorTable10[SPI_27_10, ]
y10 <- psych::describe(x10[, c(10:14)], fast = TRUE)

# Factor 11 items - prelim label: impulsivity
SPI_27_11 <- c("q_35", "q_1424", "q_1173", "q_4223", "q_4276")
# other acceptable items: q_636, q_1638, q_4286, q_708, q_22
x11 <- factorTable11[SPI_27_11, ]
y11 <- psych::describe(x11[, c(10:14)], fast = TRUE)

# Factor 12 items - prelim label: attention-seeking
SPI_27_12 <- c("q_1416", "q_1296", "q_565", "q_1555", "q_1027")
# other acceptable items: q_1667, q_1871, q_690, q_698, q_154
x12 <- factorTable12[SPI_27_12, ]
y12 <- psych::describe(x12[, c(10:14)], fast = TRUE)

# Factor 13 items - prelim label: orderliness
SPI_27_13 <- c("q_1201", "q_1254", "q_1483", "q_169", "q_1290")
# other acceptable items: q_1333, q_1255, q_170, q_4254, q_1374
x13 <- factorTable13[SPI_27_13, ]
y13 <- psych::describe(x13[, c(10:14)], fast = TRUE)

# Factor 14 items - prelim label: conventionalism
SPI_27_14 <- c("q_369", "q_398", "q_1624", "q_1867", "q_1609")
# other acceptable items: q_4236, q_1752, q_4244, q_1657, q_623
x14 <- factorTable14[SPI_27_14, ]
y14 <- psych::describe(x14[, c(10:14)], fast = TRUE)

# Factor 15 items - prelim label: charisma This is a weak factor.  The first 3 items listed below are great:
# q_254, q_1045, and q_131.  q_901 loads -.45 in the exp sample and -.29 in the rep sample but has
# cross-loadings with sociability of -.30 in the rep sample (only .14 in the exp sample).  q_1242 is retained
# for the same reasons: loading of -.38 in the rep sample but only -.25 in the exp sample
SPI_27_15 <- c("q_254", "q_901", "q_1045", "q_131", "q_1242")
# other marginally acceptable items: q_158, q_3090, q_1205, q_1110, and q_241
x15 <- factorTable15[SPI_27_15, ]
y15 <- psych::describe(x15[, c(10:14)], fast = TRUE)

# Factor 16 items - prelim label: trust
SPI_27_16 <- c("q_1855", "q_4289", "q_377", "q_871", "q_379")
# other acceptable items: q_1854, q_594, q_1758, q_343, q_286
x16 <- factorTable16[SPI_27_16, ]
y16 <- psych::describe(x16[, c(10:14)], fast = TRUE)

# Factor 17 items - prelim label: humor
SPI_27_17 <- c("q_1243", "q_1244", "q_1248", "q_296", "q_1685")
# other acceptable items: q_4265, q_1064, q_1709, q_4295, q_799
x17 <- factorTable17[SPI_27_17, ]
y17 <- psych::describe(x17[, c(10:14)], fast = TRUE)

# Factor 18 items - prelim label: expressiveness
SPI_27_18 <- c("q_219", "q_1081", "q_1706", "q_1635", "q_803")
# other acceptable items: q_403, q_1810, q_55, q_1668, q_140
x18 <- factorTable18[SPI_27_18, ]
y18 <- psych::describe(x18[, c(10:14)], fast = TRUE)

# Factor 19 items - prelim label: culture
SPI_27_19 <- c("q_607", "q_348", "q_610", "q_1132", "q_612")
# other acceptable items: q_1369, q_776, q_1388, q_608, q_964
x19 <- factorTable19[SPI_27_19, ]
y19 <- psych::describe(x19[, c(10:14)], fast = TRUE)

# Factor 20 items - prelim label: reflection
SPI_27_20 <- c("q_1389", "q_1738", "q_1880", "q_755", "q_1310")
# other acceptable items: q_778, q_1587, q_322, q_197, q_4232
x20 <- factorTable20[SPI_27_20, ]
y20 <- psych::describe(x20[, c(10:14)], fast = TRUE)

# Factor 21 items - prelim label: perfectionism This is a problematic factor. In the exploratory sample, this
# factor has considerable overlap with the 13th factor (order); the overlap is far less in the replication
# sample (in fact, this is a very strong factor in the replication sample).
SPI_27_21 <- c("q_571", "q_1915", "q_1694", "q_530", "q_142")
# other acceptable items: maybe q_4278, q_554, q_71, q_1984, q_604
x21 <- factorTable21[SPI_27_21, ]
y21 <- psych::describe(x21[, c(10:14)], fast = TRUE)
```

```
# Factor 22 items - prelim label: selfdiscipline A weak factor in both samples (few items with strong
# loadings); stability across samples is okay.
SPI_27_22 <- c("q_1462", "q_1590", "q_1461", "q_56", "q_736")
# other acceptable items: maybe q_1120, q_1474
x22 <- factorTable22[SPI_27_22, ]
y22 <- psych::describe(x22[, c(10:14)], fast = TRUE)

# Factor 23 items - prelim label: modesty This factor is problematic bc it was much stronger in the replication
# sample than the exploratory sample.
SPI_27_23 <- c("q_1300", "q_2005", "q_747", "q_152", "q_1653")
# other somewhat acceptable items: q_1691, q_525, q_1151, q_1913, q_319
x23 <- factorTable23[SPI_27_23, ]
y23 <- psych::describe(x23[, c(10:14)], fast = TRUE)

# Factor 24 items - prelim label: adjustability
SPI_27_24 <- c("q_566", "q_689", "q_1542", "q_39", "q_1303")
# other acceptable items: q_38, q_582, q_47, q_77, q_1540
x24 <- factorTable24[SPI_27_24, ]
y24 <- psych::describe(x24[, c(10:14)], fast = TRUE)

# Factor 25 items - prelim label: inactivity This factor is has few items in both samples
SPI_27_25 <- c("q_1329", "q_1281", "q_1052", "q_1024", "q_1280")
# other acceptable items: q_1372
x25 <- factorTable25[SPI_27_25, ]
y25 <- psych::describe(x25[, c(10:14)], fast = TRUE)

# Factor 26 items - prelim label: emotionlability This factor is problematic, predictably related to Factor 2
# (irritability).  They are correlated and there may be an argument for collapsing the two, though it will
# depend on the evidence for discriminant validity.
SPI_27_26 <- c("q_1840", "q_797", "q_979", "q_793", "q_174")
# other acceptable items: q_1099, q_4224, q_497, q_52
x26 <- factorTable26[SPI_27_26, ]
y26 <- psych::describe(x26[, c(10:14)], fast = TRUE)

# Factor 27 items - prelim label: conservatism This factor replicates in both samples.  That said, the
# administration of these items is likely to be problematic in many settings, particularly those which are
# governed by legal oversight (employment and possibly healthcare settings).  These items explicitly ask about
# political views and religiosity.
SPI_27_27 <- c("q_1824", "q_660", "q_345", "q_1825", "q_1328")
# other acceptable items: q_4260, q_394, q_398, q_1301, q_1223
x27 <- factorTable27[SPI_27_27, ]
y27 <- psych::describe(x27[, c(10:14)], fast = TRUE)

SPI_27_Items <- c(SPI_27_1, SPI_27_2, SPI_27_3, SPI_27_4, SPI_27_5, SPI_27_6, SPI_27_7, SPI_27_8, SPI_27_9, SPI_27_10,
    SPI_27_11, SPI_27_12, SPI_27_13, SPI_27_14, SPI_27_15, SPI_27_16, SPI_27_17, SPI_27_18, SPI_27_19, SPI_27_20,
    SPI_27_21, SPI_27_22, SPI_27_23, SPI_27_24, SPI_27_25, SPI_27_26, SPI_27_27)
```

For the majority of factors (18 of 27), all five of the items selected had average loadings with an absolute value greater than 0.45. Of the remaining 9 factors, I would describe 3 as moderate in strength, 3 as weak, and 3 as problematic (see Section 6.6.2 for commentary regarding the impetus to retain weak factors). Factor 21 had only 2 items that were qualified (primary loadings above absolute value of 0.3; no secondary loadings above absolute value of 0.3), structurally invariant on the same factor and stable. Factors 23 and 26 had only one of these items each. Still, for all three of these factors, there were 5 or more items that were qualified in one or both samples and at least 3 items with average factor loadings with an absolute value above 0.3.

Let's review the items that are retained for the scales identified and describe their characteristics as a set.

```
# How many items are there total?
length(SPI_27_Items)

## [1] 135

# How do they compare with the 5 factor item lists?  How many are qualified items in the 5 factor solutions?
length(intersect(SPI_27_Items, b5_qual))

## [1] 118

# How many are structurally invariant in the 5 factor solutions?
length(intersect(SPI_27_Items, b5_pass))

## [1] 107
```

```
# How many are structurally invariant with stable loadings?
length(intersect(SPI_27_Items, b5_stable))

## [1] 106

# Make a table with all the qualitative data for the full set and for the individual scales.
allItems <- ItemTable[SPI_27_Items, c(6, 9, 12, 15, 16)]
descAllItems <- psych::describe(allItems, fast = TRUE)

# rbind all the y tables, give them rownames, and show them.
descAll <- rbind(t(descAllItems$mean), t(y1$mean), t(y2$mean), t(y3$mean), t(y4$mean), t(y5$mean), t(y6$mean),
    t(y7$mean), t(y8$mean), t(y9$mean), t(y10$mean), t(y11$mean), t(y12$mean), t(y13$mean), t(y14$mean), t(y15$mean),
    t(y16$mean), t(y17$mean), t(y18$mean), t(y19$mean), t(y20$mean), t(y21$mean), t(y22$mean), t(y23$mean), t(y24$mean),
    t(y25$mean), t(y26$mean), t(y27$mean))
rownames(descAll) <- c("All_Items", "SPI_27_1", "SPI_27_2", "SPI_27_3", "SPI_27_4", "SPI_27_5", "SPI_27_6", "SPI_27_7",
    "SPI_27_8", "SPI_27_9", "SPI_27_10", "SPI_27_11", "SPI_27_12", "SPI_27_13", "SPI_27_14", "SPI_27_15", "SPI_27_16",
    "SPI_27_17", "SPI_27_18", "SPI_27_19", "SPI_27_20", "SPI_27_21", "SPI_27_22", "SPI_27_23", "SPI_27_24", "SPI_27_25",
    "SPI_27_26", "SPI_27_27")
colnames(descAll) <- c("clarity", "salience", "lexile", "readage", "readgrade")
round(descAll, 2)

##           clarity salience lexile readage readgrade
## All_Items    3.51     3.07 281.26   10.01      4.98
## SPI_27_1     3.65     3.59 162.00   10.44      6.19
## SPI_27_2     3.52     3.22 122.00   11.43      4.23
## SPI_27_3     3.48     2.93 226.00    8.32      2.80
## SPI_27_4     3.59     3.30 220.00    9.29      4.60
## SPI_27_5     3.39     2.99 346.00    9.27      4.75
## SPI_27_6     3.52     3.09 348.00    9.48      3.09
## SPI_27_7     3.44     3.30 538.00    6.70      0.83
## SPI_27_8     3.61     3.00 216.00    7.81      1.76
## SPI_27_9     3.62     3.06 294.00    8.54      4.36
## SPI_27_10    3.56     3.20 174.00   10.44      3.73
## SPI_27_11    3.58     3.24 320.00   10.45      6.62
## SPI_27_12    3.51     2.96 316.00   11.86      6.36
## SPI_27_13    3.53     2.96 430.00    8.30      2.28
## SPI_27_14    3.64     3.23 220.00   11.66      7.89
## SPI_27_15    3.49     2.96 256.00   13.36      8.79
## SPI_27_16    3.52     3.30 400.00    9.92      5.78
## SPI_27_17    3.49     2.81 128.00    5.68      0.67
## SPI_27_18    3.50     3.29 356.00   11.33      6.93
## SPI_27_19    3.61     2.30 202.00    9.88      3.19
## SPI_27_20    3.52     3.09 266.00    9.40      4.45
## SPI_27_21    3.43     3.26 278.00   11.30      6.62
## SPI_27_22    3.59     3.02 302.00   11.89      8.26
## SPI_27_23    3.34     2.94 296.00    9.99      4.50
## SPI_27_24    3.43     3.17 320.00   10.39      5.41
## SPI_27_25    3.16     2.77 318.00    7.94      2.89
## SPI_27_26    3.21     3.09 414.00   11.73      8.08
## SPI_27_27    3.70     2.76 126.00   13.51      9.37
```

As noted above, all of information used to select items is provided in Appendix B (see Figures A2-1 through A2-27). I hope this detail will encourage others to (tactfully) identify shortcomings and suggest revisions.

7.3 Five factor scales

To be clear, the procedure described above could be used to identify scales at ANY level of extraction. The decision to repeat the procedure for the five factor solution was warranted because: (1) it provides a pretty impressive solution, as shown in Section 6.3; (2) the five factor solution is very frequently used by other researchers and extensively referenced in the literature; and (3) I believe that assessment at the level of five factors (by others in the field) will benefit from using empirically-derived blends of existing measures, especially if these 5 factor scales fit hierarchically with the (27) facet level scales.

To reiterate a critically important methodological point made at the beginning of this section, I gave priority during the selection of items for the 27 factor solution to those items that were qualified/invariant/stable on the 5 factor solution. The reason for this was because I planned to identify items that work at both levels of the hierarchy. Here, I chose items for the 5 factor scales from those in the 27 factor set. More than 90% of these items have primary loadings on their respective factor in the 5 factor solution and all of them

have stable loadings across both samples. But, I certainly would have chosen different items if I was only concerned with high internal consistency at the 5 factor level without regard for hierarchy.

Aside from this distinction, items were chosen for the 5 factor scales using the same general criteria as those used for the 27 factor scales. The "stability" index had fewer values because I was not concerned with the nuances of each items loadings at the 27 factor level. Items were ranked 1 if they had stable 5 factor loadings on the same factor and were included among the 27 factor scales. Items were ranked 2 if they had stable 5 factor loadings on the same factor but were **not** included among the 27 factor scales. A ranking of 3 indicated structural invariance but not stable loadings with an absolute value of 0.1 in both samples. A 4 indicated that the item was only qualified on both items and a 5 indicated that it was not a replicable 5 factor item.

An important observation needs to be made before presenting the code used to select the candidate items for the five factor scales: the fourth factor in this solution is essentially Agreeableness,[41] but it also includes many items that I believe to be strongly gendered. This includes items about compassion and empathy but also items about danger-seeking and Machiavellianism. In the six factor solution, the danger and Machiavellianism items appear to split off from the compassion and empathy items. This suggests to me that there may be an effect of gender on the factor structure at the 5/6 factor level. It is a top priority to explore this question further in future research.[42] The key point for the current work is that I have decided to use only the top 14 items (from those in the 27 factor scales) for each of the 5 factor scales. This avoids the inclusion of 2 items relating to "danger." Even with 14 items, the Agreeableness scale includes 5 items that have lower primary loadings than the other factors (5 items have primary loadings below 0.4). While I might have speculated that Agreeableness would be a problematic factor given the inclusion of 6 factor scales in this sample of items,[43] I would not have predicted that evidence of underlying structure in this factor would include danger-seeking and Machiavellianism.

The next section of code shows the procedures for identifying items at the 5 factor level. Figures A2-28 through A2-32 in Appendix B provide specific details.

```
options(width = 110)
ItemTable$SPI27 <- ifelse(rownames(ItemTable) %in% rownames(allItems), 1, 0)

SPI_5exploratoryFactorCorrespondence = c(1, 2, 3, 4, 5)
SPI_5replicationFactorCorrespondence = c(1, 2, 4, 3, 5)

EFAn = 5
matchrep = SPI_5replicationFactorCorrespondence

exp <- eval(parse(text = paste("expSampleCor696autoFA$FAoutput$fa", EFAn, "$fa$loadings", sep = "")))
rep <- eval(parse(text = paste("repSampleCor696autoFA$FAoutput$fa", EFAn, "$fa$loadings", sep = "")))

for (n in 1:EFAn) {

    stable <- eval(parse(text = paste("replicationEFA", EFAn, "_", n, "$stableItems", sep = "")))
    pass <- eval(parse(text = paste("replicationEFA", EFAn, "_", n, "$structuralPass", sep = "")))
    qual <- eval(parse(text = paste("replicationEFA", EFAn, "_", n, "$qualItems", sep = "")))
    ldgs <- eval(parse(text = paste("replicationEFA", EFAn, "_", n, "$magldgs", sep = "")))

    # Sort the items in descending order by the magnitude of the average primary loading
    sortedLdgs <- sort(ldgs, decreasing = TRUE)
    factorTable <- ItemTable[names(sortedLdgs), ]
    factorTable$sortedLdgs <- sortedLdgs
    factorTable$stable <- ifelse(rownames(factorTable) %in% stable, 1, 0)
    factorTable$pass <- ifelse(rownames(factorTable) %in% pass, 1, 0)
```

[41] In truth, I think this is a terrible name. The items do not specifically relate to the tendency to "agree," nor is it true that the content in Agreeableness scales developed by others reflect this. A more appropriate name would be Compassion and that is the label I have used for the facet scale that is most highly correlated with the 5 factor scale of Agreeableness. I'm not going to change the name for the 5 factor solution but I would certainly support a movement away from this misleading label.

[42] It's reasonable to wonder why I haven't explored this issue before deriving the scales and/or whether I should somehow control for characteristics like gender in the exploratory factor analyses. My answer is that this only serves to emphasize the importance of using representative samples. I think it's a little heavy handed for me to say what constitutes representativeness, much less what constitutes "gender." Plus, a bit of poking around in the data has suggested that the factor structure may be more-than-a-little different across other variables — age & race/ethnicity. So, I have resisted the temptation to pull these strings, for now.

[43] I didn't.

```
    factorTable$qual <- ifelse(rownames(factorTable) %in% qual, 1, 0)
    factorTable$stability <- ifelse(factorTable$stable == 1 & factorTable$pass == 1 & factorTable$qual == 1 & factorTable$SPI27 ==
        1, 1, ifelse(factorTable$stable == 1 & factorTable$pass == 1 & factorTable$qual == 1, 2, ifelse(factorTable$pass ==
        1 & factorTable$qual == 1, 3, ifelse(factorTable$qual == 1, 4, 5))))
    factorTable$qualitativeRank <- round((scale(factorTable$clarity) + scale(factorTable$salience) - scale(factorTable$readgrade) -
        scale(factorTable$readage) - scale(factorTable$lexile))[, 1], 2)
    factorTable <- subset(factorTable, select = c(Item, sortedLdgs, stable, pass, qual, SPI27, stability, clarity,
        salience, lexile, readage, readgrade, qualitativeRank))
    assign(paste("factors5Table", n, sep = ""), factorTable)
    write.csv(factorTable, file = paste(filepathdata, "factorTable/factors5Table", n, ".csv", sep = ""))
}

# Factor 1 items - prelim label: Extraversion
SPI_5_1 <- c("q_1904", "q_4243", "q_312", "q_565", "q_1416", "q_1923", "q_1027", "q_684", "q_254", "q_1296", "q_901",
    "q_1243", "q_803", "q_1244")
# all spi27 items invariant on this factor: q_1904, q_4243, q_312, q_565, q_1416, q_1923, q_1027, q_684, q_254,
# q_1296, q_901, q_1243, q_803, q_1244, q_1635, q_219, q_296, q_1781, q_1248, q_598, q_1662, q_1045, q_1371,
# q_1052, q_1081, q_1242, q_1555 Note: all of the above were also stable qualified (but not inv.) in Exp or Rep
# sample: q_2765, q_39
x1_5 <- data.frame(factors5Table1[SPI_5_1, c(1, 2, 7:12)], ItemInfo696[SPI_5_1, c(2:4, 6, 7)])
y1_5 <- psych::describe(x1_5[, c(3:7)], fast = TRUE)

# Factor 2 items - prelim label: Neuroticism
SPI_5_2 <- c("q_979", "q_4252", "q_1989", "q_1505", "q_4249", "q_808", "q_793", "q_1840", "q_811", "q_1585", "q_578",
    "q_176", "q_797", "q_1683")
# all spi27 items invariant on this factor: q_979, q_4252, q_1989, q_1505, q_4249, q_808, q_793, q_1840, q_811,
# q_1585, q_578, q_176, q_797, q_1683, q_820, q_1706, q_566, q_1357 Note: q_1357 was not stable qualified (but
# not inv.) in Exp or Rep sample: q_174, q_689, q_56
x2_5 <- data.frame(factors5Table2[SPI_5_2, c(1, 2, 7:12)], ItemInfo696[SPI_5_2, c(2:4, 6, 7)])
y2_5 <- psych::describe(x2_5[, c(3:7)], fast = TRUE)

# Factor 3 items - prelim label: Conscientiousness
SPI_5_3 <- c("q_1290", "q_1744", "q_1979", "q_1452", "q_1915", "q_1201", "q_530", "q_904", "q_1867", "q_1694",
    "q_369", "q_1444", "q_1483", "q_1254")
# all spi27 items invariant on this factor: q_1290, q_1744, q_1979, q_1452, q_1915, q_1201, q_530, q_904,
# q_1867, q_1694, q_369, q_1444, q_1483, q_1254, q_571, q_398, q_169, q_736, q_1024 Note: all of the above were
# also stable qualified (but not inv.) in Exp or Rep sample: q_4223, q_1424, q_1328
x3_5 <- data.frame(factors5Table3[SPI_5_3, c(1, 2, 7:12)], ItemInfo696[SPI_5_3, c(2:4, 6, 7)])
y3_5 <- psych::describe(x3_5[, c(3:7)], fast = TRUE)

# Factor 4 items - prelim label: Agreeableness
SPI_5_4 <- c("q_90", "q_1763", "q_253", "q_1896", "q_851", "q_1832", "q_501", "q_377", "q_871", "q_1855", "q_4296",
    "q_142", "q_379", "q_4289")
# all spi27 items invariant on this factor: q_90, q_1763, q_253, q_1896, q_851, q_1832, q_501, q_377, q_871,
# q_1855, q_4296, q_142, q_379, q_4289, q_1367, q_1664 Note: all of the above were also stable qualified (but
# not inv.) in Exp or Rep sample: q_2853
x4_5 <- data.frame(factors5Table4[SPI_5_4, c(1, 2, 7:12)], ItemInfo696[SPI_5_4, c(2:4, 6, 7)])
y4_5 <- psych::describe(x4_5[, c(3:7)], fast = TRUE)

# Factor 5 items - prelim label: Openness
SPI_5_5 <- c("q_128", "q_2745", "q_2754", "q_1392", "q_1058", "q_240", "q_1738", "q_422", "q_1389", "q_1310", "q_1880",
    "q_747", "q_1609", "q_1834")
# all spi27 items invariant on this factor: q_128, q_2745, q_2754, q_1392, q_1058, q_240, q_1738, q_422,
# q_1389, q_1310, q_1880, q_747, q_1609, q_1834, q_1132, q_493, q_1303, q_610, q_755, q_1300, q_1653, q_2005,
# q_607, q_612, q_152, q_1253, q_1542 Note: all of the above were also stable qualified (but not inv.) in Exp
# or Rep sample: q_348, q_1825
x5_5 <- data.frame(factors5Table5[SPI_5_5, c(1, 2, 7:12)], ItemInfo696[SPI_5_5, c(2:4, 6, 7)])
y5_5 <- psych::describe(x5_5[, c(3:7)], fast = TRUE)

SPI_5_Items <- c(SPI_5_1, SPI_5_2, SPI_5_3, SPI_5_4, SPI_5_5)

# How many SPI items in total?
length(SPI_5_Items)

## [1] 70

# Confirm they're all unique...
length(unique(SPI_5_Items))

## [1] 70

# What are the item labels?
unique(SPI_5_Items)

##  [1] "q_1904" "q_4243" "q_312"  "q_565"  "q_1416" "q_1923" "q_1027" "q_684"  "q_254"  "q_1296" "q_901"
## [12] "q_1243" "q_803"  "q_1244" "q_979"  "q_4252" "q_1989" "q_1505" "q_4249" "q_808"  "q_793"  "q_1840"
```

```
## [23] "q_811"  "q_1585" "q_578"  "q_176"  "q_797"  "q_1683" "q_1290" "q_1744" "q_1979" "q_1452" "q_1915"
## [34] "q_1201" "q_530"  "q_904"  "q_1867" "q_1694" "q_369"  "q_1444" "q_1483" "q_1254" "q_90"   "q_1763"
## [45] "q_253"  "q_1896" "q_851"  "q_1832" "q_501"  "q_377"  "q_871"  "q_1855" "q_4296" "q_142"  "q_379"
## [56] "q_4289" "q_128"  "q_2745" "q_2754" "q_1392" "q_1058" "q_240"  "q_1738" "q_422"  "q_1389" "q_1310"
## [67] "q_1880" "q_747"  "q_1609" "q_1834"

# How many of them overlap with 27 factor items?
length(intersect(SPI_5_Items, SPI_27_Items))

## [1] 70
```

7.4 Scoring keys and item lists

After identifying all of the items in the scales, it's time to clean up a bit. This includes making scoring keys and item lists for later use. In the following code chunk, I have written a helper function to streamline this process and make it less subject to human error (mine, specifically). It does this by using the factor output for the items in each scale to get the correct scoring direction — the alternative is to do this by hand, but... don't say I didn't warn you.

```
SPI_5_Scales <- c("SPI_5_1", "SPI_5_2", "SPI_5_3", "SPI_5_4", "SPI_5_5")
SPI_27_Scales <- c("SPI_27_1", "SPI_27_2", "SPI_27_3", "SPI_27_4", "SPI_27_5", "SPI_27_6", "SPI_27_7", "SPI_27_8",
    "SPI_27_9", "SPI_27_10", "SPI_27_11", "SPI_27_12", "SPI_27_13", "SPI_27_14", "SPI_27_15", "SPI_27_16", "SPI_27_17",
    "SPI_27_18", "SPI_27_19", "SPI_27_20", "SPI_27_21", "SPI_27_22", "SPI_27_23", "SPI_27_24", "SPI_27_25", "SPI_27_26",
    "SPI_27_27")

autoKeying <- function(EFAn = EFAn)
{

    EFAn = EFAn

    keying.list <- list(list())
    item.list <- list(list())
    n <- 0

    for (i in 1:EFAn) {
        n <- n + 1
        expLdgs <- eval(parse(text = paste("expSampleCor696autoFA$FAoutput$fa", EFAn, "$fa$loadings", sep = "")))
        repLdgs <- eval(parse(text = paste("repSampleCor696autoFA$FAoutput$fa", EFAn, "$fa$loadings", sep = "")))
        if (EFAn == 5) {
            rows <- eval(parse(text = SPI_5_Scales[i]))
            colExp <- SPI_5exploratoryFactorCorrespondence[i]
            colRep <- SPI_5replicationFactorCorrespondence[i]
            named <- SPI_5_Scales
        }
        if (EFAn == 27) {
            rows <- eval(parse(text = SPI_27_Scales[i]))
            colExp <- SPI_27exploratoryFactorCorrespondence[i]
            colRep <- SPI_27replicationFactorCorrespondence[i]
            named <- SPI_27_Scales
        }
        expVals <- expLdgs[rows, colExp]
        repVals <- repLdgs[rows, colRep]
        expVals[expVals < 0] <- -1
        expVals[expVals > 0] <- 1
        repVals[repVals < 0] <- -1
        repVals[repVals > 0] <- 1
        ifelse(sum(repVals - expVals) == 0, x <- expVals, ifelse(sum(repVals + expVals) == 0, x <- expVals, x <- c("NA")))
        z <- list()
        for (j in 1:length(x)) {
            z[[j]] <- paste("", names(x[j]), sep = "")
        }
        z <- unlist(z)
        item.list[[i]] <- z
        y <- list()
        for (j in 1:length(x)) {
            ifelse(x[j] == -1, y[[j]] <- paste("-", names(x[j]), sep = ""), y[[j]] <- paste("", names(x[j]), sep = ""))
        }
        y <- unlist(y)
        keying.list[[i]] <- y
        rm(colExp, colRep, expLdgs, expVals, i, j, repLdgs, repVals, rows)
    }
    names(keying.list) <- named
```

```
    names(item.list) <- named
    rm(n)
    results <- list(keys = keying.list, items = item.list)
    return(results)
}

keys.list27 <- autoKeying(EFAn = 27)

keys.list5 <- autoKeying(EFAn = 5)

# Some manual changes to the direction of scoring are needed.  The following 7 lines of code were added
# post-hoc, after the crowd-sourced names were derived.  All we are doing here is flipping the direction of the
# items.
keys.list27$keys$SPI_27_3 <- c("q_1904", "-q_312", "-q_684", "q_4243", "-q_1923")
keys.list27$keys$SPI_27_4 <- c("-q_578", "-q_811", "q_1371", "q_2765", "q_820")
keys.list27$keys$SPI_27_7 <- c("-q_4296", "q_1812", "q_2853", "-q_1896", "-q_501")
keys.list27$keys$SPI_27_8 <- c("-q_904", "q_1744", "q_1979", "-q_1452", "-q_1444")
keys.list27$keys$SPI_27_18 <- c("q_219", "-q_1081", "q_1706", "-q_1635", "q_803")
keys.list27$keys$SPI_27_19 <- c("-q_607", "q_348", "-q_610", "q_1132", "-q_612")
keys.list5$keys$SPI_5_4 <- c("q_90", "q_1763", "q_253", "-q_1896", "q_851", "q_1832", "-q_501", "q_377", "-q_871",
    "q_1855", "-q_4296", "-q_142", "q_379", "q_4289")
```

7.5 Comments on 'the challenge of response sets'

People differ. That's the fundamental reason for assessing personality in the first place. Unfortunately, these differences include the ways in which people respond to surveys and this inconvenient truth introduces several potential confounds in personality measurement by survey. There's not much to say about these confounds that wasn't covered by Block (1965) and Rorer (1965) more than 50 years ago or more recently by Johnson (2014a). Careful survey construction can help with some of these issues (i.e., readability, clarity, and colloquialisms) but it also seems worth commenting briefly on the topics of social desirability bias and acquiescence.

Social desirability is particularly vexing. I have not encountered any good solutions nor do any seem likely. It seems to me that impression management is an integral part of the human experience (and a fascinating source of individual differences). It is critical to remember that survey responses do not necessarily reflect actual behavior and the extent to which responses align with behavior varies across persons as well as items/scales. It is beyond the scope of the current work to estimate the extent of this variability among the 27 facet scales (this will require substantial data from observer reports of personality and other criterion variables), but it seems worth noting that a few of the facets seem particularly vulnerable to socially desirable responding. Factors 7 (Honesty) and 1 (Compassion) are the best examples.

In general, I believe that responses to the 696 items administered to these samples should be *relatively* less biased by social desirability than most administrations on the grounds that the primary motivation — typically, the *only* motivation — for responding to these items was to receive algorithmically-generated feedback about their personality. In other words, participants should have been motivated to respond accurately and without expectation that their responses would be evaluated by anyone else. Still, a substantial proportion of socially-desirable responding probably occurs unconsciously and there is no reason to believe these samples are less affected by these unconscious biases than participants in other samples.

By comparison, the issue of acquiescence is much less concerning, though still worth mentioning because it has received some attention recently with respect to the BFI (Soto et al., 2008; Soto and John, 2016). First of all, it should be obvious that the influence of acquiescence, if any, should not affect the comparison of EFA solutions within a sample because the solutions are based on the same underlying correlational structure. While it might affect the *replicability* of a given solution if the samples differ in terms of the tendency to acquiesce, the magnitude of the effect in the samples described here is likely to be small given that the items were administered in random order, without regard to positively- and negatively-oriented content (this is supported by evaluation of the effects of ipsatization in Section 4.1).

The more relevant question is whether I should have considered the threat of acquiescence when identifying items to be included in the scales. This would have meant choosing items such that the number of positively- and negatively-keyed items was balanced. With 5 items in each scale, the best I could have done would be to choose 2 negatively-keyed items. The odd number of items would make it impossible to have

perfect balance so all the scales would still be somewhat biased in one direction or the other. There are several reasons why I did not do this:

1. **Emphasis on internal consistency.** In general, I used items with the greatest magnitude of mean loadings. I can only say "in general" because I made some efforts to avoid the inclusion of enemy items (those that are highly-redundant) and items that were unclear or likely to pose translation issues. But, I mainly aimed to develop a broad personality assessment tool built on many narrow, unidimensional scales. Unidimensionality would have been reduced for several of the facet-level scales if I had made an intentional effort to choose items that were keyed in both directions. This is partly due to the fact that I was constrained by these 696 items and partly due to the fact that the introduction of reverse-keyed items sometimes changes the very nature of a dimension.

2. **The questionable logic of "balanced" scales.** The claim that balanced scales are free of acquiescence strikes me as specious because it presumes that items are formulaic and people are rational. I don't believe either is true. Let's consider an example in which we determine the location of an individual on the Conscientiousness dimension. So we'll administer 12 items to that individual — 8 of them will be positively keyed (higher agreement/scores indicates higher Conscientiousness) and 4 of them will be negatively keyed. Now we can construct two overlapping 8-item scales for Conscientiousness. One will have 8 positively-keyed items and the second will have 4 positively- and 4 negatively-keyed items. What will we learn if the scores are different? In theory, we could claim evidence for acquiescence — this individual is either a nay-sayer or a yea-sayer when it comes to Conscientiousness items(depending on the direction of the difference in scores). But there are many other reasons why the scores might differ including the fact that positively and negatively keyed items are rarely perfect opposites in terms of meaning or difficulty (consider "I keep a messy room" vs "I keep a clean room" vs "I do not keep a messy room"). Even when people are given items that are highly similar — in terms of syntax and/or highly correlated response patterns in large samples — many individuals will not respond identically to both items (or identically opposite, if they are keyed in opposite directions). People are not perfectly rational. Sometimes we are uncertain and/or behave inexplicably and/or fail to pay attention and/or interpret reverse-coded items to have much different meanings and it is impossible to accurately distinguish these issues from acquiescence. It seems to me that the use of balanced scales to "prevent" acquiescence presumes that these things don't happen, that the true score in this example must be the balanced 8-item scale.

It's also not clear to me (or Block and others) what conclusions we could reach if we extended this example to include assessment across multiple domains. If the individual acquiesces in different directions across domains or even in the same direction to different extents, then I would be concerned that the so-called acquiescence is, to some extent, domain-specific. And that (domain-specific variation) is what we're trying to measure in the first place! To be clear, I am not arguing against the existence of acquiescence as a phenomenon; differences between ipsatized and non-ipsatized scores suggest that response styles do exist. However, it is my view is that more compelling evidence is needed to demonstrate the measurement effects of acquiescence on validity (Johnson, 2014a) and, more importantly, the ways that balanced scales remove bias.

3. **The merits of ipsative scoring procedures.** In cases where high levels of acquiescence are expected (Soto et al., 2008), the identification of differences in response style across sub-samples may well be informative. Fortunately, the effects of response style can be minimized (from a statistical perspective, eliminated) through the use of ipsative scoring. This practice is common in survey research (Ten Berge, 1999), including personality research (Goldberg, 1992), and the procedures for ipsatization are straight-forward (I have demonstrated how to ipsatize scores and evaluate the results for these samples in Section 4.1). In fact, I would recommend routinely evaluating the effects of ipsatization in sensitivity analyses because there is information to be gained by doing so. I don't believe there is any marginal utility to be gained through the use of balanced scales. If anything, the use of balanced scales may mask the evidence for differences in response styles across sub-samples. Given this, the development of carefully balanced scales at the expense of internal consistency does not seem warranted.

8 Confirmatory factor analysis

The fact that CFAs are viewed by most psychometricians as the standard methodological protocol for testing structural models serves as the primary rational for conducting a confirmatory factor analyis in this project. Clearly, my first choice for testing the structure identified in the Exploratory sample was to use EFA replication techniques, but I also acknowledge that these are uncommonly used techniques. So, a third and final sample was collected in order to conduct a CFA.

The distinction between EFA replication and CFA *for these specific purposes* is not trivial. The different approaches for evaluating structural fit are not much different than those which might be used for other fit evaluations. The CFA approach is a little like taking your favorite pair of jeans to the store and then evaluating pairs in the store's inventory based on the degree to which they match the ones you brought in. The EFA replication approach is more closely aligned with the shopping process most people actually use — you try on a few (or more) pairs and buy the ones that match your body best. It seems to me that the latter method is preferred because it more directly measures the structure of reality. But, it's better still to use both approaches instead of choosing only one.

8.1 Model fits

The following code chunk shows how the 27 factor model is specified and then used to evaluate fit in the Confirmatory sample. The same procedures are then used with the 5 factor model (not shown in the pdf version).

```
library(lavaan)
library(semTools)

load(paste(filepathdata, "descriptivesData.Rdata", sep = ""))
load(paste(filepathdata, "factorContentData.Rdata", sep = ""))
rm(list = setdiff(ls(), c("confSampleCor696", "DataItems", "filepathdata", "filepathfig", "ItemInfo696", "keys.list5",
    "keys.list27", "pwiseAdmins1C")))

for (i in 1:27) {
    assign(paste("CFA27_", i, sep = ""), paste("F", i, " =~ ", eval(keys.list27$items[[i]][1]), " + ", eval(keys.list27$items[[i]][2]),
        " + ", eval(keys.list27$items[[i]][3]), " + ", eval(keys.list27$items[[i]][4]), " + ", eval(keys.list27$items[[i]][5]),
        sep = ""))
}

assign(paste("SPI27model"), paste(eval(CFA27_1), " \n ", eval(CFA27_2), " \n ", eval(CFA27_3), " \n ", eval(CFA27_4),
    " \n ", eval(CFA27_5), " \n ", eval(CFA27_6), " \n ", eval(CFA27_7), " \n ", eval(CFA27_8), " \n ", eval(CFA27_9),
    " \n ", eval(CFA27_10), " \n ", eval(CFA27_11), " \n ", eval(CFA27_12), " \n ", eval(CFA27_13), " \n ", eval(CFA27_14),
    " \n ", eval(CFA27_15), " \n ", eval(CFA27_16), " \n ", eval(CFA27_17), " \n ", eval(CFA27_18), " \n ", eval(CFA27_19),
    " \n ", eval(CFA27_20), " \n ", eval(CFA27_21), " \n ", eval(CFA27_22), " \n ", eval(CFA27_23), " \n ", eval(CFA27_24),
    " \n ", eval(CFA27_25), " \n ", eval(CFA27_26), " \n ", eval(CFA27_27), sep = ""))

SPI27cfaOblique <- cfa(SPI27model, sample.cov = confSampleCor696, sample.nobs = 697, std.lv = TRUE, orthogonal = FALSE)

fitsSPI27cfaOblique <- fitMeasures(SPI27cfaOblique)
```

Unfortunately, the most widely-used fit statistics are not very useful for evaluations of fit based on samples with many participants and items. That includes the Confirmatory sample which has nearly 700 mean pairwise observations between items and 696 variables. The null models in the CFAs reported here include 9,000 degrees of freedom for the 27 factor model and 2,500 degrees of freedom for the 5 factor model. Given this, the chi-square statistics for evaluations of both models are highly likely to be statistically significant and... virtually all other fit statistics are fundamentally based on the chi-square. It's safe to assume — even before I have conducted the CFAs — that the fit statistics will be difficult to interpret.

To avoid cherry-picking, I have shown most of the fit statistics provided by the lavaan package (Rosseel, 2012b) for both the 27 factor and 5 factor models in Table 23. Some of these do not appear to be compelling using traditional standards, but this is mainly because these standards were derived based on models with small sample sizes and far fewer degrees of freedom (Kenny et al., 2014). For example, Kenny (2016) does not even recommend reporting the so-called "incremental" measures of fit — these include the non-normed fit index (NNFI; aka the Tucker-Lewis Index [TLI]), the normed fit index (NFI), and the comparative fit index (CFI) — when the RMSEA of the null model is below .158 as the range of possible values is restricted

below thresholds that are generally considered to indicate good fit. I've reported them anyway and he's right; the values for these statistics range from .54 to .64 for the 5 factor model and .61 to .80 for the 27 factor model (see Table 23). The RMSEA for the null model with 27 factors and 5 factors is 0.0767 and 0.1032, respectively. The absolute measures of fit (RMSEA and standardized root mean square residual [SRMR]) are very good for both of the proposed models. RMSEA for the 27 and 5 factor models are 0.0327 and 0.0631, respectively. SRMR is 0.0596 and 0.0917, respectively.

	SPI-27	SPI-5
Chi-Square	14949	8825
Degrees of freedom	8559	2335
p value (proposed v null)	0.000	0.000
Root Mean Square Error of Approximation (RMSEA)	0.033	0.063
RMSEA - confidence interval lower bound	0.032	0.062
RMSEA - confidence interval upper bound	0.034	0.065
Root Mean Square Residual (RMR)	0.059	0.092
Standardized Root Mean Square Residual (SRMR)	0.060	0.092
Comparative Fit Index (CFI)	0.828	0.638
Tucker-Lewis Index (TLI)	0.818	0.626
Bentler-Bonett Non-normed Fit Index (NNFI)	0.818	0.626
Bentler-Bonett Normed Fit Index (NFI)	0.658	0.551
Parsimony Normed Fit Index (PNFI)	0.676	0.566
Bollen's Relative Fit Index (RFI)	0.640	0.547
Bollen's Incremental Fit Index (IFI)	0.830	0.640
Relative Noncentrality Index (RNI)	0.828	0.638
Akaike Information Criterion (AIC)	236920	127174
Bayesian Information Criterion (BIC)	239743	127856
Sample-size adjusted Bayesian (SABIC)	237772	127379
Goodness of Fit Index (GFI)	0.749	0.669
Adjusted Goodness of Fit Index (AGFI)	0.731	0.648
Parsimony Goodness of Fit Index (PGFI)	0.699	0.629
McDonald Fit Index (MFI)	0.010	0.009
Expected Cross-Validation Index (ECVI)	23.23	13.09

Table 23: CFA fit statistics for the 27 and 5 factor models

Comparative fit statistics are — at least in theory — useful for comparing the 5 and 27 factor models because they allow for comparisons based on differing numbers of parameters. The 27 factor model has 135 parameters while the 5 factor model uses only 70 of those same parameters. The Akaike Information Criterion (AIC) is 236,920 for the 27 factor model and 127,174 for the 5 factor model; the Bayesian Information Criterion (BIC) values are 239,743 and 127,856, respectively. Both of these suggest that the 5 factor model provides a "better" fitting solution. I say that this is only theoretically useful because these statistics emphasize parsimony. In other words, they indicate that the 5 factor model is more parsimonious than the 27 factor model, a point which I find rather obvious and largely irrelevant to the issue of validity (and other aspects of utility).

Aside from overall fit, the models generally performed as expected. Figure 40 shows the standardized item loadings (estimates) for the 27 factor model (note that the numeric values are hidden for the sake of legibility; magnitudes are indicated by the intensity of the arrow shading). All but 5 of the 135 item-factor loadings were greater than 0.4 in absolute magnitude. Only 1 of these was particularly problematic (less than 0.3 in absolute magnitude) — item "q_142" had a standardized loading of only 0.18 on factor 21. Recall that factor 21 was also the most problematic factor in the replication EFA. The remaining four items in factor 21 loaded very highly (between .52 and .67). Consistent with my prior commentary (see Section **??**), I think it's best to retain this factor — and this item — for now with the intention to rigorously evaluate it's predictive validity in future projects. It's likely that this will be revised in future versions of the measure.

The factor correlations for the 27 factor solution are shown in Figure 41. Entire manuscripts might be written about the relationships between these factors,[44] but I will limit myself to only a few observations for

[44]In some sense, they already have been written, using slightly different hierarchical taxonomies.

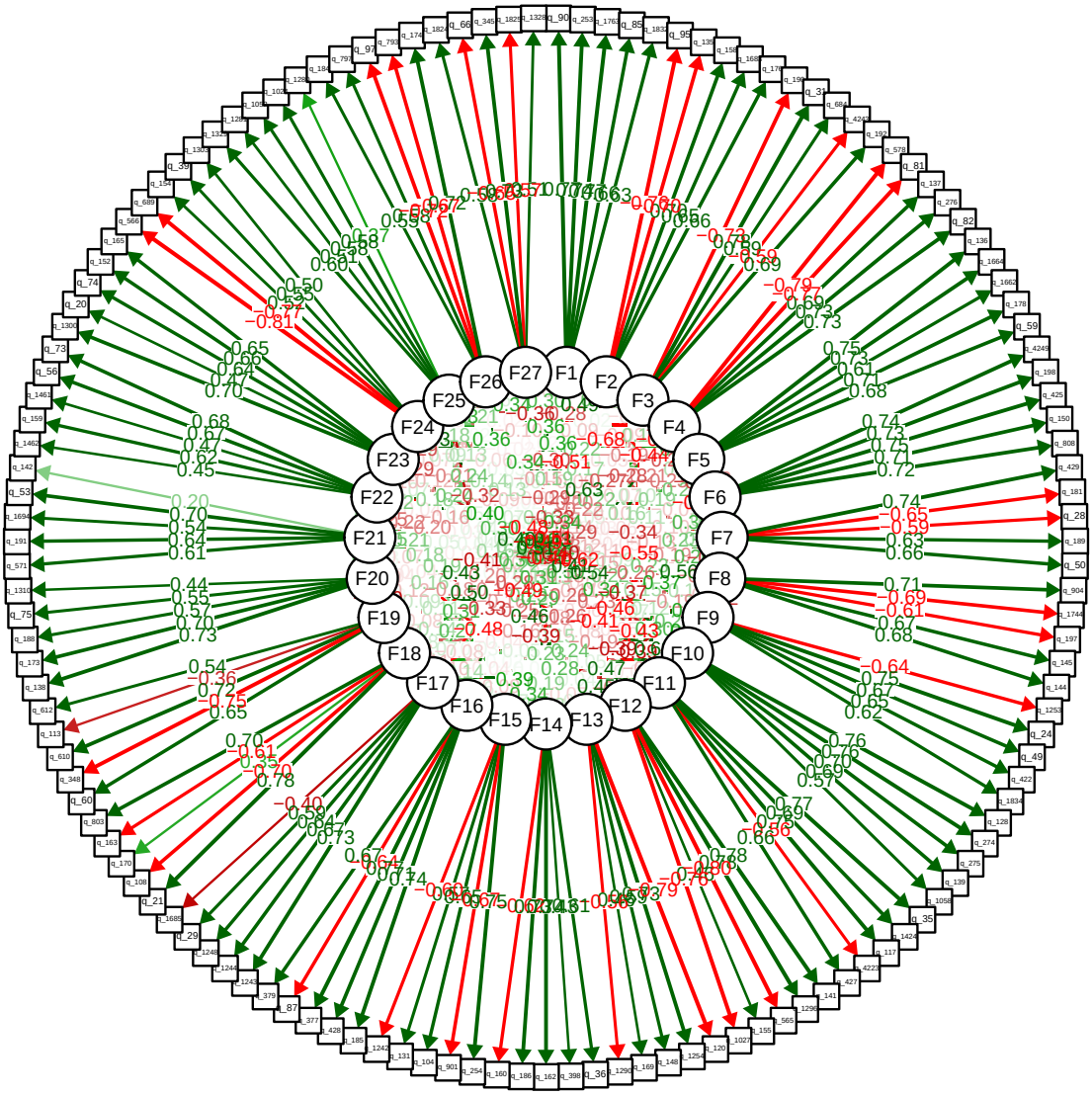


Figure 40: Path diagram for the 27 factor model in the Confirmatory sample

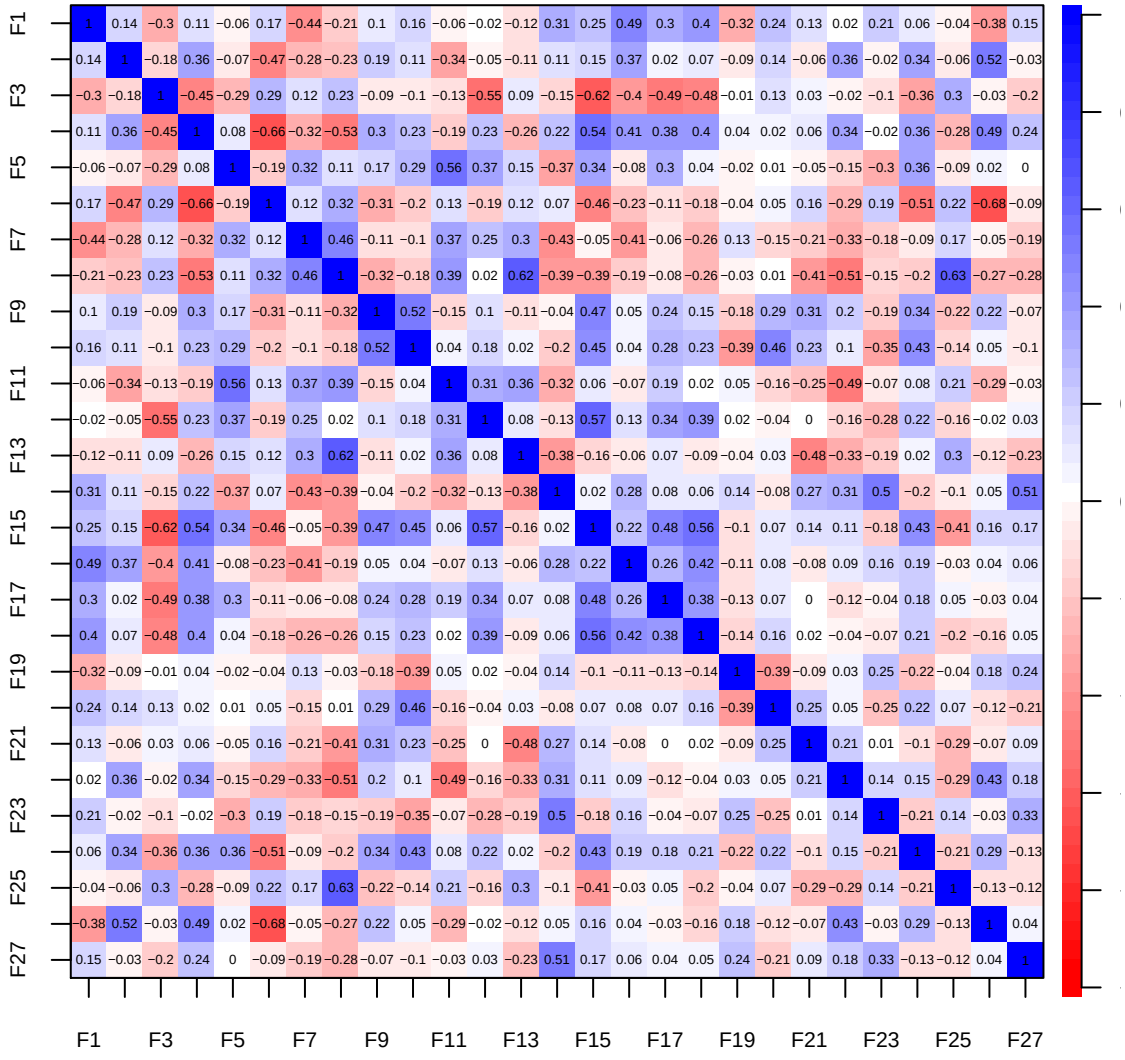


Figure 41: Correlations among the SPI-27 factors in the Confirmatory sample

now. First, **the factors are correlated**.[45] Second, the correlations are *mainly* low to moderate in strength (absolute magnitudes less than 0.3) but there are many intriguing exceptions. Factor 8, to pick one example, is correlated 0.67 with factor 25 and 0.62 with factor 13. I have chosen this example because the evidence for redundancy in this case is low (i.e., the remaining correlations for these factors are not consistent and the correlation between factors 13 and 25 is only 0.3).

Third, there is evidence for higher order factors. Factors 15 through 18 (and, to a lesser extent, factors 1, 3, 4, and 12) clearly hang together. These are all facets of the most salient factor in the 5 factor model — Extraversion.[46] If one takes the time to rearrange the factors in this correlation matrix and/or factor the scores, it is possible to identify much more evidence of higher order structure, even beyond the 5 factor level. See (Condon, 2014) for discussion of the evidence at the 3 factor level; I referred to these factors as Socialability, Emotionality, and Social Cohesion — not much different from the P-E-N model (Eysenck, 1981, 1991). In general, the evidence for unnested hierarchical structure at multiple levels in this independent sample is consistent with the findings from the Exploratory and Replication samples. How many factors of personality do you want?

Figure 42 shows the standardized item loadings (estimates) and factor correlations for the 5 factor model. In this case, all but 3 of the 70 standardized estimates were greater than 0.3 in absolute magnitude. Two of these had loadings of only .2 and both were in factor 5. Both of these items relate to "unconventionality," which is (ironically) an uncommonly measured facet of Openness. I feel these items should be retained because they likely add incremental validity, though they may not fit well at the 5 factor level. The correlations between factors are shown in Figure 43 (this is slightly redundant with Figure 42). The factors all reflect low to moderate correlations with absolute magnitudes between .08 and .34.

8.2 CFA conclusions

First, the RMSEA and SRMR values allow us to state that, in absolute terms, the 27 factor model fits very well and the 5 factor model fits well. Within each model, the standardized item loadings are generally quite high, with few exceptions. The correlations between factors are mainly low to moderate, but there are several strong correlations in the 27 factor model.

Second, from a methodological perspective, traditional fit statistics are not useful when fitting models with many parameters and large samples. This is because virtually all of them are variations on the chi-square test and therefore sensitive to sample size or — to a lesser extent — degrees of freedom. The absolute fit indices (RMSEA and SRMR) are preferred in circumstances like these because they allow for comparisons against the standard of perfect fit, though these should be used cautiously as well because the large degrees of freedom and sample size make even the null/independent models appear reasonable.

Finally, I think these analyses help to reinforce the approach of using EFA replication techniques in addition to CFA (or even in place of it). Particularly with large samples, EFA replication helps to demonstrate whether the proposed model represents the best structure.

9 Naming procedures for the scales

For many of the SPI-27 scales, it was relatively easy to generate names for the 5-item scales that were consistent with constructs previously described in the personality literature. However, there were a few scales which described seemingly-coherent traits that were hard to name or that might have been paired with more

[45] Unless you have begun reading in this section, I hope you might say to yourself "right, we knew that." I have also conducted these CFAs using orthogonal rotations but have omitted a summary of the results to prevent confusion (see the Rnw version). Guess what happens? The factors are uncorrelated (duh, orthogonal) and the fit is worse, as expected (the 90% confidence interval for the 27 factor model is RMSEA is .045 to .047).

[46] From a measurement perspective, this introduces the question of whether all these factors need to be assessed separately. Are they all independently useful predictors of important outcomes? For predicting the size of one's social network, probably not. But it's not hard to imagine situations where the demand characteristics for Extraversion are very strong and it may be useful to differentiate among the underlying factors in these circumstances.

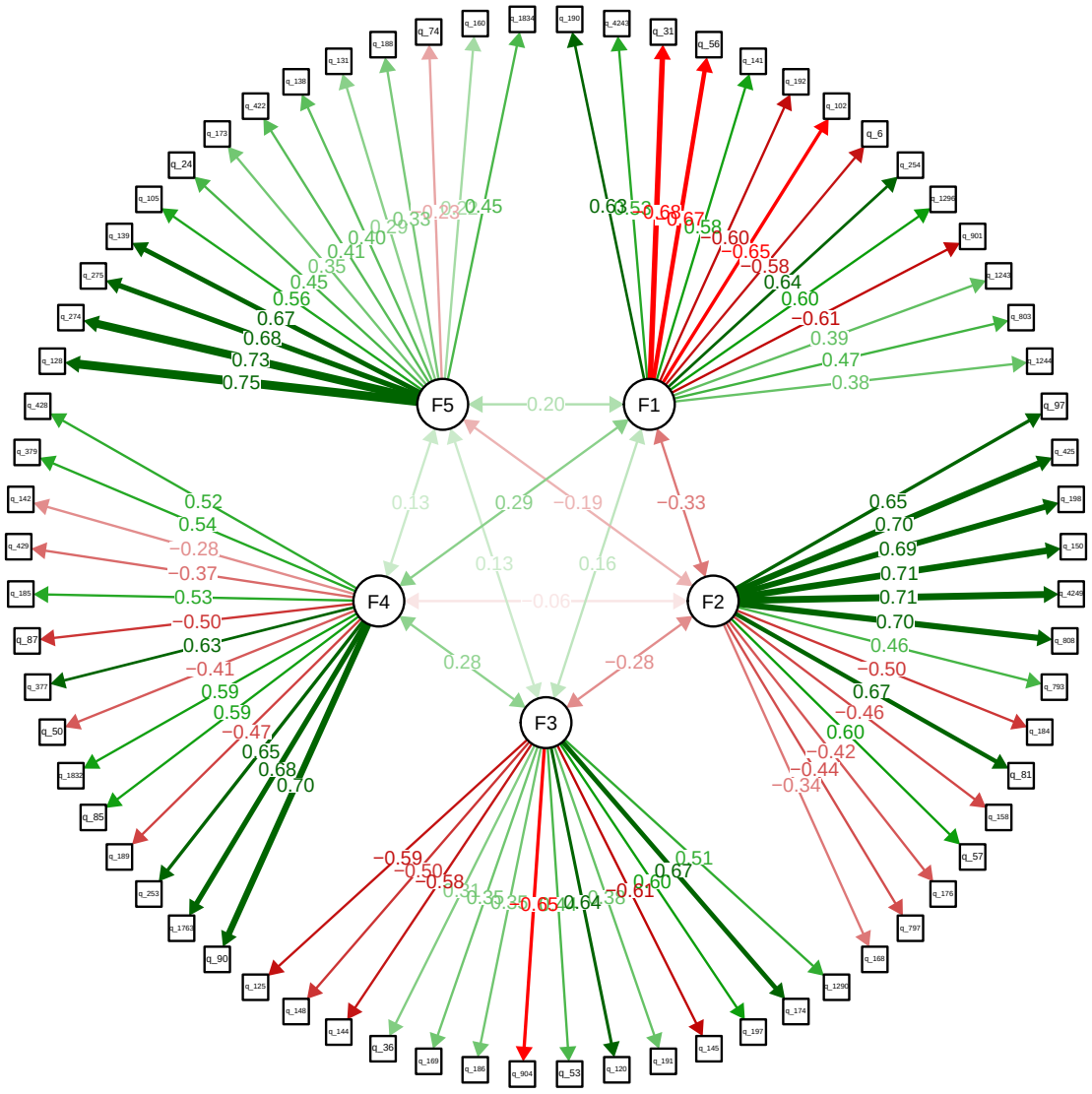


Figure 42: Path diagram for the 5 factor model in the Confirmatory sample

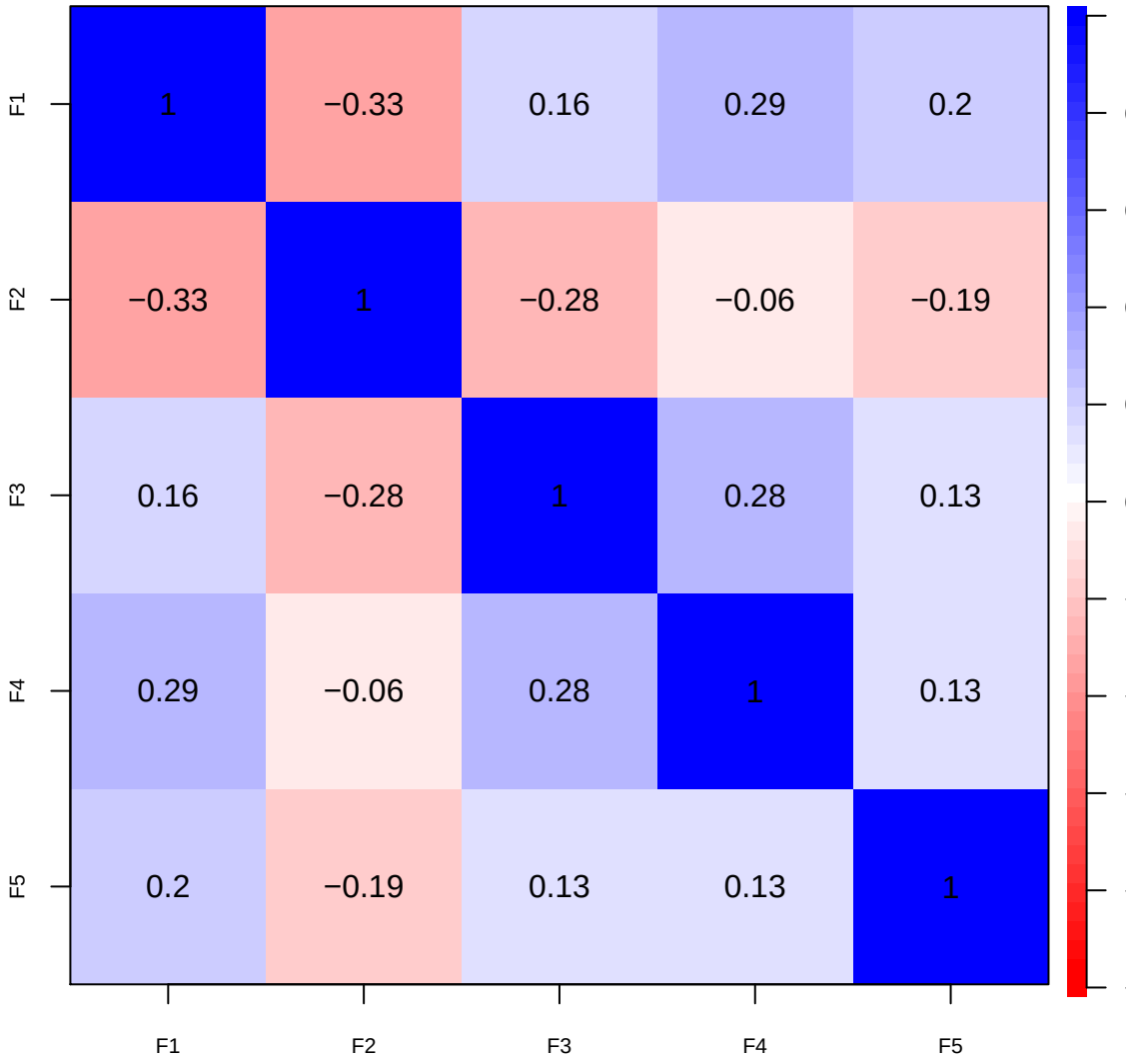


Figure 43: Correlations among the SPI-5 factors in the Confirmatory sample

than one construct[47]. One controversial example was the SPI-5 factor that maps closely onto Agreeableness. The items in this factor did not explicitly relate to the tendency to agree with others or to be consenting or even deferential. They were more related to empathy and compassion. While the attribute of agreeableness (with a lower case A) is probably more highly correlated with this trait than with the remaining 4 SPI-5 factors, it is not *the* defining attribute. This is not only true for the items in the SPI-5 operationalization of this scale, but also for the items in the IPIP-NEO, the IPIP items measuring the Big Five Factor Markers and the IPIP-HEXACO. An example from the 27 factor solution included a factor where my opinion about the most accurate label ("laziness") was likely to be unfairly biased (and more than a little judgmental).

To avoid problems like these during the naming of the 27 factor scales, I decided to employ a method from biomedical research that is sometimes referred to as "citizen-engagement," also known as crowd-sourcing. I designed an ad hoc four-step method that was intended to incorporate the views of both ordinary citizens and personality psychologists.

In step 1, I generated names for each of the factors on my own. These were pre-registered on the Open Science Framework prior to the collection of any data (see the pre-registration page). In step 2, participants recruited from Amazon's Mechanical Turk service were asked to consider a random subset of the 27 factor scales. This sample included 226 participants from countries where English is the national language. For each scale, participants were presented with all of the items and then asked to rate the coherence of each set (from 1 - very incoherent to 6 - very coherent) and to give it a one- or two-word label. Each participant rated 12 of the 27 factors in addition to 4 random item sets (and additional questions that attempted to confirm their English fluency). This step produced a mean of 114 (sd = 6.4) non-unique nominations for the name of each factor.

In the third step, the nominations from step 2 were used to generate a wordcloud of potential names for each factor. This was planned because I was concerned that relatively little consensus would emerge from the first survey — I anticipated that there would be at least a couple of factors where most of the 100 nominations would be unique. The use of wordclouds as stimuli instead of the full text of all items in each scale was mainly intended to encourage participants to choose appealling labels for personality traits rather than focusing on the best possible label for the 5 item sets. Secondary benefits included the fact that I wanted to make the task a bit less cognitively challenging and reduce the amount of time required for participants to generate nominations — thus making data collection more efficient.

The point about getting "appealling labels" warrants more explanation. In the first round of nominations (Step 2 of the naming process), I asked for nominations based on the item content. The task was to generate labels that matched the items. In this process, it was possible for some very creative and appealling labels to be nominated but it was unlikely that such labels would receive *many* nominations. In the second round, by asking for nominations based on the previous round of nominations, I was allowing for rare-but-clever labels to receive more nominations by using word clouds from the first survey.[48] An example of the wordclouds used in the second survey is shown for Factor 6 in Figure 44. All of the words in each cloud were the same size font in order to discourage respondents from simply selecting the most frequent (i.e., the largest) word in the image. This survey was administered to 204 participants, each of whom was asked to nominate one- or two-word names for all 27 wordclouds. Data from 1 participant was omitted because they did not follow directions. Participants were not asked to rate coherence in this round.

In the last step, a third and final voting survey was constructed using my nominations in step one and the most frequently suggested nominations in steps two and three. Five multiple choice response options were chosen to be presented along with the full text of the items in each of the 27 scales. These choices were selected from the most frequently nominated labels in the first two surveys (without using different versions of the same word). If my nomination was not among the most frequently nominated labels in the surveys, they were added as one of the five choices. This final survey was administered to 226 participants who were recruited to participate voluntarily using email lists of members in several professional associations to which

[47] This is a persistent problem in psychology and personality psychologists are, in my opinion, among the worst offenders. This post provides a nice overview.

[48] Yes, I was concerned that the introduction of this intermediate step would introduce unforeseeable confounds but I also hoped to mitigate this risk somewhat in the last step by using nominations from both surveys as candidates for voting.

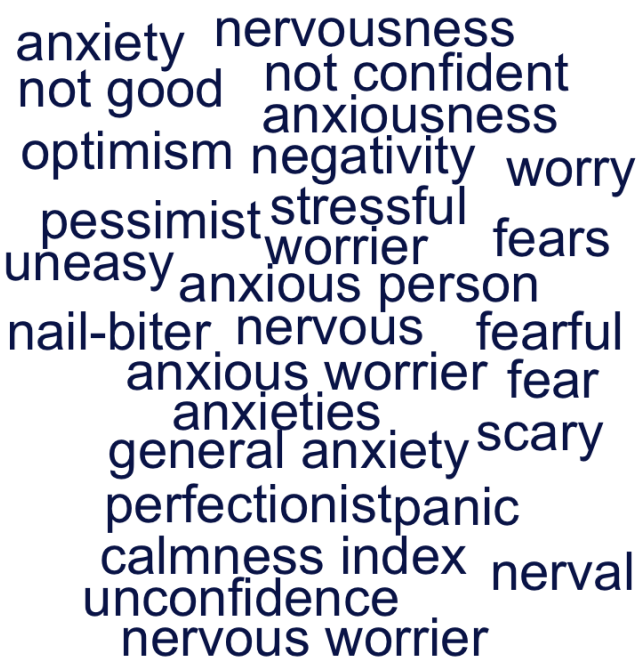


Figure 44: Wordcloud used in the second survey with nominations for Factor 6

personality psychologists are members. [49] The nomination that received the most votes in this step was used as the name for each factor. More details regarding these procedures and the data collected in each step are given in Condon, Graham, Weston & Mroczek (in prep).

In the following code chunk (not shown), the names for each scale are combined with the item content to generate Table 24.

[49] These include the European Association of Personality Psychology, the Association for Research in Personality, the Society of Personality and Social Psychologists, the Australian Psychology Society, the Ibero-American Association for the Investigation of Individual Differences, the British Society of the Psychology of Individual Differences, the Canadian Psychological Association, the division of personality research in the Chinese Society of Psychology, the International Society for the Study of Individual Differences, and the Society for Personality Assessment.

Table 24: Organization of items by factor

	Item Content	SPI27 Factor	SPI5 Factor (70 items)	SPI5 Factor (invariant)
q_90	Am concerned about others.	Compassion	Agreeableness	Agreeableness
q_253	Am sensitive to the needs of others.	Compassion	Agreeableness	Agreeableness
q_1763	Sympathize with others feelings.	Compassion	Agreeableness	Agreeableness
q_851	Feel sympathy for those who are worse off than myself.	Compassion	Agreeableness	Agreeableness
q_1832	Think of others first.	Compassion	Agreeableness	Agreeableness
q_952	Get angry easily.	Irritability	NA	NA
q_1357	Lose my temper.	Irritability	NA	Neuroticism
q_1585	Rarely get irritated.	Irritability	Neuroticism	Neuroticism
q_1683	Seldom get mad.	Irritability	Neuroticism	Neuroticism
q_176	Am not easily annoyed.	Irritability	Neuroticism	Neuroticism
q_1904	Usually like to spend my free time with people.	Sociability	Extraversion	Extraversion
q_312	Avoid company.	Sociability	Extraversion	Extraversion
q_684	Dont like crowded events.	Sociability	Extraversion	Extraversion
q_4243	Like going out a lot.	Sociability	Extraversion	Extraversion
q_1923	Want to be left alone.	Sociability	Extraversion	Extraversion
q_578	Dislike myself.	WellBeing	Neuroticism	Neuroticism
q_811	Feel a sense of worthlessness or hopelessness.	WellBeing	Neuroticism	Neuroticism
q_1371	Love life.	WellBeing	NA	Extraversion
q_2765	Am happy with my life.	WellBeing	NA	NA
q_820	Feel comfortable with myself.	WellBeing	NA	Neuroticism
q_1367	Love dangerous situations.	SensationSeeking	NA	Agreeableness
q_1664	Seek danger.	SensationSeeking	NA	Agreeableness
q_1662	Seek adventure.	SensationSeeking	NA	Extraversion
q_1781	Take risks.	SensationSeeking	NA	Extraversion
q_598	Do crazy things.	SensationSeeking	NA	Extraversion
q_4249	Would call myself a nervous person.	Anxiety	Neuroticism	Neuroticism
q_1989	Worry about things.	Anxiety	Neuroticism	Neuroticism
q_4252	Am a worrier.	Anxiety	Neuroticism	Neuroticism
q_1505	Panic easily.	Anxiety	Neuroticism	Neuroticism
q_808	Fear for the worst.	Anxiety	Neuroticism	Neuroticism
q_4296	Tell a lot of lies.	Honesty	Agreeableness	Agreeableness
q_1812	Tell the truth.	Honesty	NA	NA
q_2853	Cannot imagine lying or cheating.	Honesty	NA	NA
q_1896	Use others for my own ends.	Honesty	Agreeableness	Agreeableness
q_501	Cheat to get ahead.	Honesty	Agreeableness	Agreeableness
q_904	Find it difficult to get down to work.	Industry	Conscientiousness	Conscientiousness
q_1744	Start tasks right away.	Industry	Conscientiousness	Conscientiousness
q_1979	Work hard.	Industry	Conscientiousness	Conscientiousness
q_1452	Neglect my duties.	Industry	Conscientiousness	Conscientiousness
q_1444	Need a push to get started.	Industry	Conscientiousness	Conscientiousness
q_1253	Learn things slowly.	Intellect	NA	Openness
q_240	Am quick to understand things.	Intellect	Openness	Openness
q_493	Catch on to things quickly.	Intellect	NA	Openness
q_422	Can handle a lot of information.	Intellect	Openness	Openness
q_1834	Think quickly.	Intellect	Openness	Openness
q_128	Am full of ideas.	Creativity	Openness	Openness
q_2745	Am able to come up with new and different ideas.	Creativity	Openness	Openness
q_2754	Am an original thinker.	Creativity	Openness	Openness
q_1392	Love to think up new ways of doing things.	Creativity	Openness	Openness
q_1058	Have a vivid imagination.	Creativity	Openness	Openness
q_35	Act without thinking.	Impulsivity	NA	NA
q_1424	Make rash decisions.	Impulsivity	NA	NA
q_1173	Jump into things without thinking.	Impulsivity	NA	NA
q_4223	Stop to think things over before doing anything.	Impulsivity	NA	NA
q_4276	Often make decisions on the spur of the moment.	Impulsivity	NA	NA
q_1416	Make myself the center of attention.	AttentionSeeking	Extraversion	Extraversion
q_1296	Like to attract attention.	AttentionSeeking	Extraversion	Extraversion
q_565	Dislike being the center of attention.	AttentionSeeking	Extraversion	Extraversion
q_1555	Put on a show to impress people.	AttentionSeeking	NA	Extraversion
q_1027	Hate being the center of attention.	AttentionSeeking	Extraversion	Extraversion
q_1201	Keep things tidy.	Order	Conscientiousness	Conscientiousness
q_1254	Leave a mess in my room.	Order	Conscientiousness	Conscientiousness
q_1483	Often forget to put things back in their proper place.	Order	Conscientiousness	Conscientiousness
q_169	Am not bothered by disorder.	Order	NA	Conscientiousness
q_1290	Like order.	Order	Conscientiousness	Conscientiousness
q_369	Believe laws should be strictly enforced.	Authoritarianism	Conscientiousness	Conscientiousness
q_398	Believe that we should be tough on crime.	Authoritarianism	NA	Conscientiousness
q_1624	Respect authority.	Authoritarianism	NA	NA
q_1867	Try to follow the rules.	Authoritarianism	Conscientiousness	Conscientiousness
q_1609	Rebel against authority.	Authoritarianism	Openness	Openness
q_254	Am skilled in handling social situations.	Charisma	Extraversion	Extraversion
q_901	Find it difficult to approach others.	Charisma	Extraversion	Extraversion
q_1045	Have a natural talent for influencing people.	Charisma	NA	Extraversion
q_131	Am good at making impromptu speeches.	Charisma	NA	NA
q_1242	Lack the talent for influencing people.	Charisma	NA	Extraversion
q_1855	Trust what people say.	Trust	Agreeableness	Agreeableness
q_4289	Trust people to mainly tell the truth.	Trust	Agreeableness	Agreeableness
q_377	Believe that others have good intentions.	Trust	Agreeableness	Agreeableness
q_871	Feel that most people cant be trusted.	Trust	Agreeableness	Agreeableness
q_379	Believe that people are basically moral.	Trust	Agreeableness	Agreeableness
q_1243	Laugh a lot.	Humor	Extraversion	Extraversion
q_1244	Laugh aloud.	Humor	Extraversion	Extraversion
q_1248	Laugh my way through life.	Humor	NA	Extraversion
q_296	Amuse my friends.	Humor	NA	Extraversion
q_1685	Seldom joke around.	Humor	NA	NA
q_219	Am open about my feelings.	EmotionalExpressiveness	NA	Extraversion
q_1081	Have difficulty expressing my feelings.	EmotionalExpressiveness	NA	Extraversion
q_1706	Show my sadness.	EmotionalExpressiveness	NA	Neuroticism
q_1635	Reveal little about myself.	EmotionalExpressiveness	NA	Extraversion
q_803	Express myself easily.	EmotionalExpressiveness	Extraversion	Extraversion
q_607	Do not enjoy going to art museums.	ArtAppreciation	NA	Openness
q_348	Believe in the importance of art.	ArtAppreciation	NA	NA
q_610	Do not like art.	ArtAppreciation	NA	Openness
q_1132	Have read the great literary classics.	ArtAppreciation	NA	Openness
q_612	Do not like poetry.	ArtAppreciation	NA	Openness
q_1389	Love to reflect on things.	Introspection	Openness	Openness
q_1738	Spend time reflecting on things.	Introspection	Openness	Openness

(continued on next page)

Table 24: Organization of items by factor

	Item Content	SPI27 Factor	SPI5 Factor (70 items)	SPI5 Factor (invariant)
q_1880	Try to understand myself.	Introspection	Openness	Openness
q_755	Enjoy examining myself and my life.	Introspection	NA	Openness
q_1310	Like to get lost in thought.	Introspection	Openness	Openness
q_571	Dislike imperfect work.	Perfectionism	NA	Conscientiousness
q_1915	Want every detail taken care of.	Perfectionism	Conscientiousness	Conscientiousness
q_1694	Set high standards for myself and others.	Perfectionism	Conscientiousness	Conscientiousness
q_530	Continue until everything is perfect.	Perfectionism	Conscientiousness	Conscientiousness
q_142	Am hard to satisfy.	Perfectionism	Agreeableness	Agreeableness
q_1462	Never splurge.	SelfControl	NA	NA
q_1590	Rarely overindulge.	SelfControl	NA	NA
q_1461	Never spend more than I can afford.	SelfControl	NA	NA
q_56	Am able to control my cravings.	SelfControl	NA	NA
q_736	Easily resist temptations.	SelfControl	NA	Conscientiousness
q_1300	Like to be thought of as a normal kind of person.	Conformity	NA	Openness
q_2005	Would hate to be considered odd or strange.	Conformity	NA	Openness
q_747	Enjoy being thought of as a normal mainstream person.	Conformity	Openness	Openness
q_152	Am just an ordinary person.	Conformity	NA	Openness
q_1653	See myself as an average person.	Conformity	NA	Openness
q_566	Dislike changes.	Adaptability	NA	Neuroticism
q_689	Dont like the idea of change.	Adaptability	NA	NA
q_1542	Prefer variety to routine.	Adaptability	NA	Openness
q_39	Adjust easily.	Adaptability	NA	NA
q_1303	Like to begin new things.	Adaptability	NA	Openness
q_1329	Like to take it easy.	EasyGoingness	NA	NA
q_1281	Like a leisurely lifestyle.	EasyGoingness	NA	NA
q_1052	Have a slow pace to my life.	EasyGoingness	NA	Extraversion
q_1024	Hang around doing nothing.	EasyGoingness	NA	Conscientiousness
q_1280	Let things proceed at their own pace.	EasyGoingness	NA	NA
q_1840	Think that my moods dont change more than most peoples do.	EmotionalStability	Neuroticism	Neuroticism
q_797	Experience very few emotional highs and lows.	EmotionalStability	Neuroticism	Neuroticism
q_979	Get overwhelmed by emotions.	EmotionalStability	Neuroticism	Neuroticism
q_793	Experience my emotions intensely.	EmotionalStability	Neuroticism	Neuroticism
q_174	Am not easily affected by my emotions.	EmotionalStability	NA	NA
q_1824	Tend to vote for conservative political candidates.	Conservatism	NA	NA
q_660	Dont consider myself religious.	Conservatism	NA	NA
q_345	Believe in one true religion.	Conservatism	NA	NA
q_1825	Tend to vote for liberal political candidates.	Conservatism	NA	NA
q_1328	Like to stand during the national anthem.	Conservatism	NA	NA

10 Describe the scales

10.1 Internal consistency

Here we consider the internal consistency values for the scales at each level. To do this (and also to evaluate other properties of these scales in this section), I combine the Exploratory, Replication, and Confirmatory samples.

```
load(paste(filepathdata, "descriptivesData.Rdata", sep = ""))
bothSample <- rbind(expSample, repSample)
allSample <- rbind(bothSample, confSample)

allSampleCor <- cor(subset(allSample, select = c(DataItems)), use = "pairwise")
allSampleCor <- cor.smooth(allSampleCor)

SPIKey <- make.keys(allSample[, DataItems], c(keys.list27$keys, keys.list5$keys))
allSampleDataItemsScoredSPI <- scoreItems(SPIKey, allSample[, DataItems], totals = FALSE, impute = "none", min = 1,
    max = 6)
allSampleDataItemsScoredOverlapSPI <- scoreOverlap(SPIKey, allSampleCor, impute = "none")

rely <- data.frame()
for (i in 1:27) {
    alpha1 <- suppressWarnings(alpha(allSample[, keys.list27[[2]][[i]]], check.keys = TRUE))
    alpha <- alpha1$total$raw_alpha
    unidim <- alpha1$Unidim$Unidim
    rows <- c(alpha, unidim)
    rows <- round(rows, 2)
    rely <- rbind(rely, rows)
}
rely <- data.frame(rely, cohScore)
rownames(rely) <- names27
# colnames(rely) <- c('Alpha', 'Unidimensionality')
colnames(rely) <- c("Alpha", "Unidimensionality", "Coherence")
SPI_27_ICs <- rely

rely <- data.frame()
for (i in 1:5) {
    alpha1 <- suppressWarnings(alpha(allSample[, keys.list5[[2]][[i]]], check.keys = TRUE))
```

```
    alpha <- alpha1$total$raw_alpha
    unidim <- alpha1$Unidim$Unidim
    rows <- c(alpha, unidim)
    rows <- round(rows, 2)
    rely <- rbind(rely, rows)
}
rownames(rely) <- names5
colnames(rely) <- c("Alpha", "Unidimensionality")
SPI_5_ICs <- rely

names(keys.list27$items) <- names27
names(keys.list27$keys) <- names27
names(keys.list5$items) <- names5
names(keys.list5$keys) <- names5

save(allSampleDataItemsScoredSPI, allSampleDataItemsScoredOverlapSPI, allSample, allSampleCor, filepathdata, filepathfig,
    itemContent, ItemInfo696, keys.list27, keys.list5, SPI_27_ICs, SPI_5_ICs, SPIKey, file = paste(filepathdata,
        "keysAndScalesInfo.Rdata", sep = ""))
```

The internal consistency and unidimensionality values are more than adequate for all but three cases (see Tables 25 and 26). Two of the 27 facets and one of the 5 factors have unidimensionality values below 0.7 — Perfectionism (0.61) and Easy-Goingness (0.64) and Openness (SPI-5) (0.59). While I think it is marginally acceptable to use values around 0.75 or higher (0.8 is preferred), the unidimensionality in these two cases is much lower. This is relevant to the extent that we intend to use item-response modeling for the development of CATs and for evaluations of differential item functioning.

Note that Table 25 also includes estimates of the mean and confidence intervals for the ratings of "coherence." Recall from Section 9 that participants rated the coherence of each scale while suggesting nominations for the names of the scales. These ratings have been scaled such that a coherence rating of 0 reflects the mean rating given to 5 item sets grouped at random. A rating of 1 would reflect a consensus rating of very coherent (using a 6 point scale) across all raters. All of the SPI-27 scales were rated significantly higher than random ($p < .001$). While the correlation between alpha and unidimensionality (omega) was nearly perfect ($r = .99$), the coherence ratings were moderately negatively correlated with both alpha ($r = -.20$) and omega ($r = -.19$). There are several possible interpretations. Part of the issue seems to be that raters struggle with reverse coded items — the correlations are slightly less negative ($r = -.10$) if the coherence ratings are adjusted by the proportion of oppositely coded items (3/5, 4/5, or 5/5). But, the bigger problem seems to be that raters tend to see *more* coherence than can be demonstrated psychometrically. If the scales with unidimensionality below .75 are excluded (Introspection, Perfectionism, Self-Control, and Easy-Goingness), the coherence correlations are moderately positive ($r = .36$ with both alpha and unidimensionality). The ratings are somewhat biased relative to the underlying structure.[50] See Condon, Graham, Weston & Mroczek (in prep) for more discussion of this topic.

10.2 Correlations between scales

An important consideration is the degree to which the scales correlate. Figures 45 and 46 show the correlations between the scales for the 27 and 5 factor solutions *after adjusting for overlapping items* (Bashaw and Anderson, 1967). This correlation plot contains a lot of information but I want to highlight two features in particular. First, the magnitudes between the 5 factor scales are substantial (in part because we allowed them to be oblique), ranging from |0.05| to |0.3|. Second, there are several high correlations between the 27 and 5 factor levels. Specifically, Extraversion is correlated (using the fully corrected correlations) above |0.3| with Factors 3 (Sociability), 4 (Well-Being), 5 (Sensation-Seeking), 6 (Anxiety), 12 (Attention-Seeking), 15 (Charisma), 16 (Trust), 17 (Humor), 18 (Emotional Expressiveness), and 24 (Adaptability); Neuroticism is correlated above |0.3| with Factors 2 (Irritability), 4 (Well-Being), 6 (Anxiety), 8 (Industry), 9 (Intellect), 15 (Charisma), 22 (Self-Control), 24 (Adaptability), and 26 (Emotional Stability); Conscientiousness is correlated above |0.3| with Factors 4 (Well-Being), 7 (Honesty), 8 (Industry), 11 (Impulsivity), 13 (Order), 14 (Authoritarianism), 21 (Perfectionism), 22 (Self-Control), 25 (Easy-Goingness), and 27 (Conservatism); Agreeableness is correlated above |0.3| with Factors 1 (Compassion), 2 (Irritability), 3 (Sociability),

[50] Additional evidence for this bias stems from recognition that even random groupings of items are not rated as fully incoherent ($m = 2.3$ on a 1 to 6 scale. People see stronger themes in groups of items than actually exists.

	Alpha	Unidimensionality	Coherence
Compassion	0.87	0.92	0.90
Irritability	0.87	0.91	0.38
Sociability	0.85	0.88	0.32
WellBeing	0.91	0.95	0.27
SensationSeeking	0.87	0.91	0.84
Anxiety	0.89	0.94	0.91
Honesty	0.81	0.84	0.33
Industry	0.85	0.89	0.39
Intellect	0.83	0.87	0.58
Creativity	0.85	0.88	0.90
Impulsivity	0.86	0.89	0.69
AttentionSeeking	0.87	0.89	0.47
Order	0.80	0.80	0.39
Authoritarianism	0.81	0.82	0.57
Charisma	0.83	0.85	0.35
Trust	0.86	0.90	0.77
Humor	0.78	0.78	0.67
EmotionalExpressiveness	0.80	0.78	0.41
ArtAppreciation	0.77	0.76	0.37
Introspection	0.75	0.74	0.92
Perfectionism	0.68	0.62	0.89
SelfControl	0.75	0.74	0.90
Conformity	0.81	0.80	0.88
Adaptability	0.81	0.80	0.47
EasyGoingness	0.69	0.64	0.91
EmotionalStability	0.83	0.86	0.49
Conservatism	0.77	0.75	0.17

Coherence coefficients range from 0 (items grouped at random) to 1 (the items are maximally similar).

Table 25: Internal consistencies for SPI-27

4 (Well-Being), 7 (Honesty), 8 (Industry), 14 (Authoritarianism), 16 (Trust), 17 (Humor), and 18 (Emotional Expressiveness); and Openess is correlated above |0.3| with Factors 5 (Sensation-Seeking), 9 (Intellect), 10 (Creativity), 14 (Authoritarianism), 15 (Charisma), 19 (Art Appreciation), 20 (Introspection), 23 (Conformity), and 24 (Adaptability). All of the 27 facets are correlated above |0.3| with at least one of the 5 factors; most are correlated with 2 or 3 and Well-Being is correlated above this threshold with 4 of the 5 factors. These cross-loadings are demonstrated more clearly in Figure 46. The arrows indicate only the correlations above |0.3| after correcting for item overlap.

10.3 Coverage of the multidimensional space

Perhaps the most important goal of scale development is to develop measures that explain a good proportion of the variance without being inefficiently redundant. One manner of depicting how well any given set of scales achieves this goal is by use of a network plot, as shown in Figures 47 and 48. These plots are essentially showing the residual correlations of the items after the general factor has been removed. Recall that similar plots were used to describe the fractal nature of the multidimensional personality space in Section 4.6.1; refer to Figure 24 for a depiction of the hypothetically perfect simple structure of a simulated 696-item space.

Figure 47 shows the 135 items of the SPI-27 scales (in color) amongst the larger set of 696 items (all

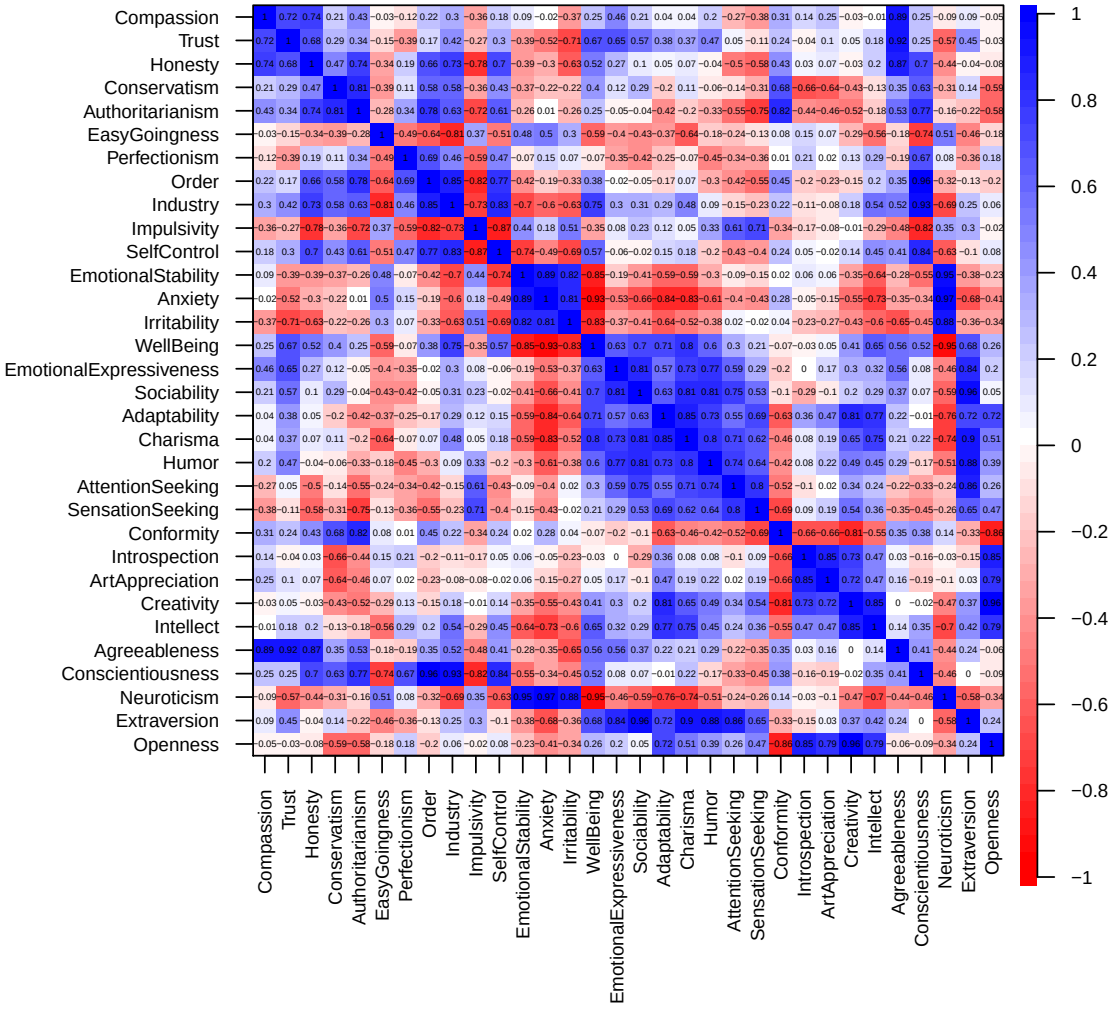


Figure 45: Correlations between scales for the SPI-27 and the SPI-5. Correlations below the diagonal are corrected for item overlap, where needed, and scores above the diagonal are corrected for item overlap and attenuation. Cronbach's alpha values are shown on the diagonal.

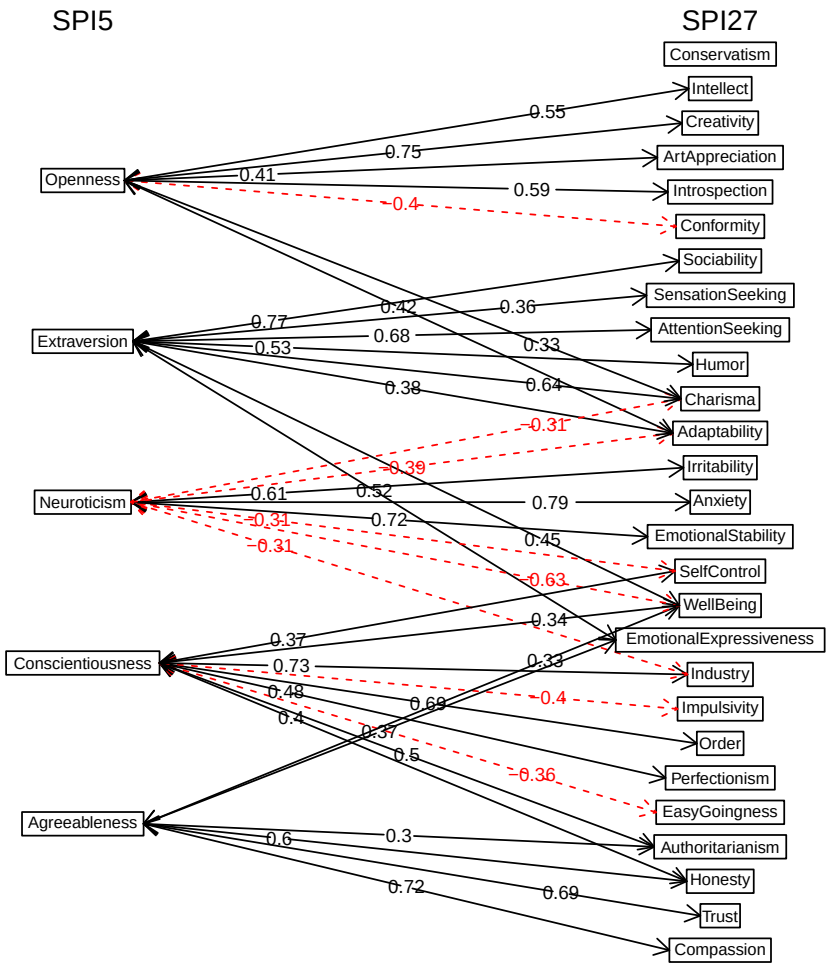


Figure 46: Correlations between scales for the SPI-27 and the SPI-5. Correlations corrected for item overlap but not for attenuation. These match the values below the diagonal in Figure 45. Only values greater than |0.3| are shown.

	Alpha	Unidimensionality
Extraversion	0.90	0.80
Neuroticism	0.90	0.79
Conscientiousness	0.86	0.71
Agreeableness	0.87	0.71
Openness	0.81	0.59

Table 26: Internal consistencies for SPI-5

others are in grey). The shaded ovals are included to help indicate the regions of the multidimensional space which are covered by each of the 5-item scales. Of course, this depiction is somewhat misleading in that it is a 2 dimensional representation of a geometric space with much higher dimensionality. Nevertheless, the SPI-27 appears to cover much of the space without considerable overlap.

For comparison purposes, a similar figure is shown for the 300-items of the IPIP-NEO (Figure 48, Goldberg, 1999). The 300-item version is both inefficient and confusing; several of the facets are highly overlapping and/or entirely nested inside the regions covered by other facets. In the image for the 27 facet SPI, the large circle at the top of the image is Easy-Goingness. This is also one of the weaker factors and has relatively low unidimensionality. The extent to which this factor overlaps with other factors is unclear based on the two-dimensional representation but it appears to be less well-defined than all the rest. The code needed to draw these plots is somewhat involved; I have tucked it away in the rnw version of the file.

10.4 Age and gender norms for the SPI items

Age and gender specific norms for the SPI items are provided in Table 27. These norms are based on the data in all three samples combined. As discussed in Section 3, these data should not be considered as wholly representative of any population other than English-speaking individuals who were willing to complete a web survey about personality in 2014 or 2015.

It is trivial to identify the norms (or, if desired, the full distribution of responses) for each item at each year of age, but this is an overwhelming amount of output (Table 27 only shows age bands of about 10 years). To get more narrow age bands, simply alter the code below by changing the lines which collapse the age categories (using 'mapvalues'). In Appendix C, we show the scale means and sds for the SPI-27 and SPI-5 scales (rather than the item means and sds) in Tables A3-1 and A3-2, respectively. Plots of the scores by age and gender are given for all ages from 14 to 90 in Figures A3-1 through A3-32.

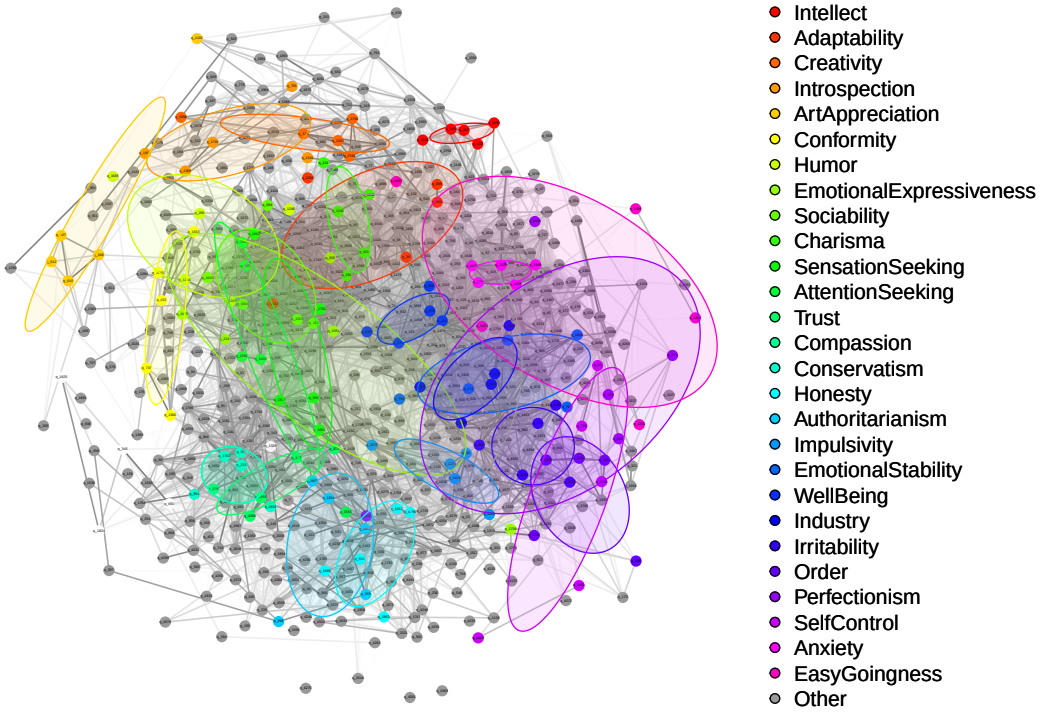


Figure 47: Network graph for the 135 items and 27 facets of the SPI

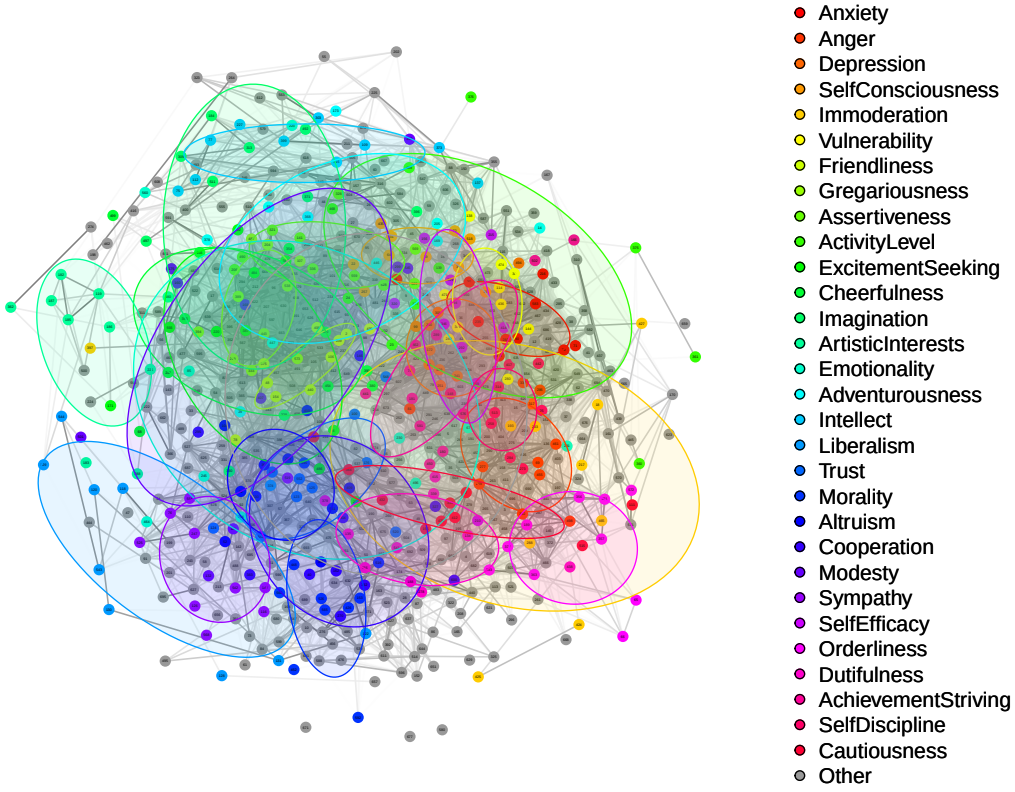


Figure 48: Network graph for the 300 items and 30 facets of the IPIP-NEO-300

Table 27: SPI item means and standard deviations by age range and gender

		14 — 18 yrs old				19 — 25 yrs old				26 — 35 yrs old				36 — 45 yrs old				46 — 55 yrs old				56 — 65 yrs old				66 yrs old and up			
		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female	
		m	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*
q_90	Am concerned about others.	4.52	1.27	4.91	1.14	4.55	1.20	4.98	1.06	4.49	1.22	5.01	1.08	4.71	1.14	5.17	0.95	4.96	0.98	5.24	0.96	4.95	1.03	5.49	0.65	4.76	1.20	5.31	1.01
q_253	Am sensitive to the needs of others.	4.05	1.34	4.48	1.28	4.22	1.29	4.67	1.20	4.36	1.25	4.90	1.12	4.48	1.22	5.03	1.05	4.69	1.18	5.12	1.03	4.73	1.08	5.15	1.04	4.90	0.89	5.32	0.72
q_1763	Sympathize with others feelings.	4.36	1.31	4.78	1.20	4.51	1.27	5.01	1.06	4.52	1.28	5.08	1.07	4.70	1.17	5.20	1.02	4.73	1.23	5.21	0.99	4.92	0.99	5.28	0.98	4.92	1.16	5.31	1.00
q_851	Feel sympathy for those who are worse off than myself.	4.37	1.37	4.87	1.22	4.39	1.35	4.90	1.18	4.46	1.31	4.98	1.18	4.58	1.23	5.06	1.20	4.64	1.22	5.23	1.07	4.55	1.33	5.29	1.01	4.83	1.03	5.21	1.10
q_1832	Think of others first.	4.12	1.28	4.52	1.22	4.18	1.32	4.62	1.18	4.19	1.30	4.65	1.23	4.29	1.26	4.78	1.13	4.46	1.23	4.83	1.15	4.33	1.23	4.66	1.27	4.36	1.27	4.39	1.35
q_952	Get angry easily.	3.19	1.55	3.48	1.54	2.89	1.50	3.17	1.51	2.82	1.49	3.15	1.50	3.01	1.55	3.02	1.53	2.80	1.46	2.65	1.36	2.81	1.54	2.62	1.46	2.76	1.47	2.22	1.37
q_1357	Lose my temper.	3.05	1.54	3.43	1.51	2.81	1.52	3.15	1.49	2.91	1.49	3.23	1.51	3.15	1.50	3.22	1.51	2.95	1.44	2.94	1.45	2.99	1.59	2.77	1.46	2.67	1.38	2.66	1.56
q_1585	Rarely get irritated.	3.26	1.52	2.71	1.39	3.44	1.48	2.97	1.38	3.41	1.45	2.91	1.39	3.18	1.46	3.00	1.37	3.22	1.45	3.25	1.37	3.36	1.52	3.46	1.50	3.48	1.52	3.44	1.55
q_1683	Seldom get mad.	3.72	1.54	3.31	1.49	3.90	1.53	3.52	1.45	3.84	1.52	3.41	1.47	3.72	1.55	3.44	1.50	3.84	1.55	3.64	1.48	3.93	1.54	3.69	1.49	4.55	1.45	3.67	1.56
q_176	Am not easily annoyed.	3.41	1.50	2.81	1.44	3.62	1.45	3.15	1.45	3.60	1.47	3.24	1.46	3.57	1.47	3.36	1.39	3.66	1.49	3.53	1.48	3.52	1.65	3.74	1.44	3.87	1.48	4.09	1.51
q_1904	Usually like to spend my free time with people.	3.93	1.55	4.01	1.57	3.70	1.52	3.84	1.54	3.42	1.50	3.56	1.53	3.30	1.51	3.64	1.52	3.30	1.47	3.43	1.52	3.12	1.51	3.39	1.61	3.04	1.45	3.56	1.30
q_312	Avoid company.	3.04	1.42	3.07	1.47	3.13	1.41	3.05	1.42	3.27	1.47	3.12	1.48	3.37	1.47	3.30	1.53	3.36	1.49	3.05	1.54	3.10	1.58	3.05	1.55	2.98	1.44	2.86	1.66
q_684	Dont like crowded events.	3.91	1.58	3.77	1.62	3.97	1.55	3.96	1.55	4.11	1.55	4.08	1.60	4.06	1.65	4.12	1.63	4.15	1.56	4.17	1.59	4.31	1.58	4.14	1.66	4.30	1.68	4.51	1.32
q_4243	Like going out a lot.	3.98	1.57	4.06	1.58	3.51	1.55	3.66	1.55	3.30	1.56	3.35	1.53	3.17	1.46	3.10	1.53	3.06	1.49	3.22	1.45	3.50	1.50	3.20	1.49	3.29	1.43	3.64	1.62
q_1923	Want to be left alone.	3.63	1.43	3.75	1.46	3.74	1.39	3.60	1.47	3.76	1.43	3.63	1.49	3.84	1.45	3.64	1.44	3.91	1.42	3.62	1.42	3.79	1.39	3.56	1.38	3.76	1.48	3.09	1.57
q_578	Dislike myself.	2.97	1.63	3.35	1.69	2.97	1.61	2.92	1.60	2.76	1.56	2.79	1.58	2.59	1.53	2.61	1.56	2.41	1.47	2.42	1.46	2.29	1.54	2.49	1.63	1.94	1.21	2.09	1.46
q_811	Feel a sense of worthlessness or hopelessness.	3.12	1.67	3.48	1.63	3.20	1.65	3.22	1.62	2.92	1.64	3.09	1.66	2.74	1.62	2.79	1.63	2.62	1.59	2.56	1.59	2.54	1.74	2.29	1.60	2.21	1.46	2.27	1.43
q_1371	Love life.	4.53	1.47	4.31	1.55	4.42	1.47	4.66	1.35	4.50	1.41	4.72	1.29	4.75	1.26	4.84	1.18	4.73	1.38	4.97	1.15	4.85	1.31	5.08	1.19	4.98	1.12	5.18	1.15
q_2765	Am happy with my life.	4.29	1.42	4.17	1.49	4.15	1.48	4.35	1.36	4.12	1.49	4.38	1.37	4.22	1.45	4.42	1.38	4.30	1.51	4.56	1.32	4.47	1.39	4.37	1.41	4.81	1.22	4.65	1.35
q_820	Feel comfortable with myself.	4.27	1.50	3.86	1.56	4.26	1.43	4.18	1.42	4.41	1.41	4.18	1.41	4.43	1.40	4.43	1.40	4.54	1.35	4.58	1.37	4.60	1.29	4.70	1.22	4.98	1.16	5.06	1.17
q_1367	Love dangerous situations.	3.42	1.52	3.04	1.56	3.16	1.49	2.69	1.45	3.00	1.50	2.37	1.41	3.00	1.50	2.12	1.28	2.85	1.50	2.14	1.40	2.60	1.42	1.93	1.27	2.26	1.29	1.46	1.14
q_1664	Seek danger.	2.89	1.45	2.71	1.43	2.83	1.43	2.34	1.36	2.69	1.47	2.12	1.30	2.57	1.46	1.87	1.22	2.56	1.48	1.78	1.17	2.59	1.39	1.72	1.16	2.34	1.51	1.72	1.28
q_1662	Seek adventure.	4.50	1.33	4.78	1.25	4.44	1.30	4.52	1.29	4.22	1.37	4.25	1.35	4.18	1.40	3.95	1.39	4.14	1.35	3.81	1.38	3.68	1.53	4.01	1.37	3.81	1.33	4.05	1.31
q_1781	Take risks.	4.07	1.34	3.84	1.34	3.90	1.34	3.69	1.30	3.91	1.36	3.59	1.40	3.99	1.36	3.59	1.37	3.99	1.27	3.45	1.44	3.67	1.41	3.35	1.55	3.45	1.44	2.98	1.55
q_598	Do crazy things.	3.75	1.52	3.79	1.49	3.56	1.49	3.49	1.48	3.27	1.49	3.13	1.49	3.04	1.58	2.90	1.46	2.98	1.50	2.90	1.43	2.67	1.46	2.59	1.50	2.40	1.34	2.53	1.40
q_4249	Would call myself a nervous person.	3.52	1.60	3.92	1.54	3.35	1.58	3.77	1.55	3.09	1.59	3.57	1.59	2.85	1.51	3.01	1.60	2.65	1.49	2.81	1.55	2.76	1.74	2.89	1.64	2.60	1.74	2.34	1.56
q_1989	Worry about things.	4.34	1.44	4.95	1.20	4.32	1.43	4.88	1.18	4.17	1.45	4.83	1.23	4.11	1.45	4.53	1.41	3.97	1.48	4.25	1.48	3.60	1.77	4.29	1.51	3.31	1.61	4.18	1.64
q_4252	Am a worrier.	3.86	1.60	4.60	1.41	3.82	1.61	4.54	1.41	3.73	1.61	4.47	1.45	3.72	1.58	4.30	1.51	3.69	1.67	3.94	1.54	3.44	1.72	3.98	1.64	3.35	1.56	3.51	1.77
q_1505	Panic easily.	2.81	1.47	3.84	1.56	2.75	1.48	3.60	1.55	2.53	1.47	3.32	1.56	2.33	1.44	2.96	1.56	2.43	1.50	2.70	1.50	2.00	1.28	2.66	1.46	1.82	1.17	2.31	1.43
q_808	Fear for the worst.	3.80	1.59	4.24	1.47	3.67	1.54	4.00	1.50	3.48	1.61	3.79	1.55	3.33	1.58	3.42	1.57	3.04	1.59	3.23	1.57	2.86	1.53	3.03	1.59	2.60	1.50	3.33	1.69
q_4296	Tell a lot of lies.	2.92	1.51	2.56	1.45	2.59	1.44	2.16	1.29	2.14	1.32	1.85	1.16	1.89	1.23	1.64	1.01	1.74	1.19	1.48	0.97	1.62	1.00	1.42	0.88	1.67	1.17	1.52	1.08
q_1812	Tell the truth.	4.49	1.23	4.64	1.08	4.74	1.11	4.91	0.96	4.94	1.01	5.11	0.88	4.93	1.01	5.21	0.86	5.12	0.99	5.36	0.82	5.22	0.98	5.36	0.78	5.15	0.76	5.43	0.54
q_2853	Cannot imagine lying or cheating.	2.92	1.57	3.45	1.62	3.21	1.56	3.71	1.60	3.37	1.60	3.81	1.59	3.57	1.59	3.98	1.60	3.83	1.57	4.14	1.57	4.00	1.54	4.24	1.65	3.89	1.56	4.40	1.69
q_1896	Use others for my own ends.	2.81	1.40	2.40	1.29	2.66	1.38	2.18	1.24	2.41	1.36	1.93	1.18	2.24	1.38	1.77	1.11	1.96	1.13	1.59	1.00	1.82	1.26	1.56	1.05	1.69	1.26	1.81	1.47
q_501	Cheat to get ahead.	2.64	1.45	2.19	1.31	2.32	1.37	1.86	1.16	2.02	1.27	1.58	1.00	1.89	1.22	1.47	0.94	1.68	1.12	1.40	0.86	1.46	0.94	1.34	0.82	1.49	0.95	1.45	1.04
q_904	Find it difficult to get down to work.	3.79	1.45	3.64	1.47	3.59	1.50	3.42	1.48	3.39	1.57	3.10	1.53	3.05	1.51	2.93	1.54	3.04	1.55	2.67	1.50	2.88	1.52	2.78	1.50	3.00	1.67	3.19	1.59
q_1744	Start tasks right away.	3.04	1.40	3.23	1.44	3.16	1.44	3.47	1.45	3.38	1.49	3.70	1.52	3.58	1.51	3.88	1.49	3.65	1.49	4.03	1.46	3.80	1.53	3.93	1.41	4.12	1.38	4.07	1.39
q_1979	Work hard.	4.53	1.27	4.83	1.18	4.67	1.25	5.02	1.09	4.87	1.16	5.14	1.05	5.07	1.06	5.28	1.01	5.10	1.05	5.34	0.91	5.20	1.02	5.33	1.01	5.31	1.02	5.28	1.02
q_1452	Neglect my duties.	3.01	1.39	2.80	1.39	2.77	1.37	2.45	1.33	2.53	1.38	2.26	1.29	2.28	1.33	2.16	1.26	2.03	1.24	1.98	1.24	1.90	1.20	1.86	1.17	2.10	1.31	1.82	1.24
q_1444	Need a push to get started.	3.93	1.38	3.89	1.40	3.92	1.44	3.65	1.48	3.64	1.53	3.43	1.55	3.45	1.57	3.24	1.55	3.10	1.54	2.96	1.51	3.16	1.44	2.98	1.46	3.08	1.55	2.90	1.53
q_1253	Learn things slowly.	2.68	1.38	3.00	1.42	2.67	1.40	2.82	1.42	2.36	1.35	2.49	1.37	2.47	1.40	2.43	1.42	2.47	1.40	2.52	1.44	2.43	1.31	2.36	1.42	2.63	1.50	2.57	1.31
q_240	Am quick to understand things.	4.76	1.10	4.60	1.11	4.87	1.04	4.71	1.06	5.01	1.03	4.90	1.04	5.04	1.01	4.91	1.06	5.06	0.93	4.87	1.08	5.09	0.86	5.07	0.96	4.82	0.97	4.92	1.08
q_493	Catch on to things quickly.	4.79	1.08	4.65	1.13	4.87	1.04	4.80	1.05	5.03	1.03	4.99	1.05	5.01	1.07	5.02	1.05	5.04	1.06	4.98	1.06	5.07	1.02	5.00	0.96	4.78	1.10	4.67	1.31
q_422	Can handle a lot of information.	4.47	1.27	4.31	1.29	4.61	1.18	4.50	1.21	4.82	1.17	4.73	1.18	4.79	1.26	4.71	1.28	4.96	1.23	4.71	1.27	4.95	1.17	5.03	1.05	5.10	1.06	4.68	1.33
q_1834	Think quickly.	4.58	1.19	4.31	1.23	4.62	1.20	4.38	1.20	4.72	1.23	4.56	1.19	4.66	1.30	4.61	1.27	4.79	1.24	4.70	1.20	4.77	1.11	4.68	1.23	4.84	1.28	4.86	1.12
q_128	Am full of ideas.	4.75	1.17	4.63	1.18	4.77	1.13	4.64	1.16	4.89	1.13	4.74	1.19	4.96	1.09	4.82	1.17	5.09	0.99	4.88	1.15	5.06	1.15	4.92	1.20	5.12	1.12	4.83	1.30
q_2745	Am able to come up with new and different ideas.	4.63	1.10	4.49	1.15	4.73	1.09	4.58	1.10	4.96	1.04	4.77	1.08	5.14	0.96	4.87	1.03	5.10	1.03	4.84	1.11	5.07	1.06	4.94	1.11	5.00	1.07	4.70	1.20
q_2754	Am an original thinker.	4.49	1.19	4.38	1.17	4.60	1.15	4.45	1.16	4.70	1.10	4.53	1.15	4.85	1.03	4.61	1.18	4.90	1.03	4.58	1.16	4.95	1.09	4.70	1.25	4.93	1.17	4.22	1.29
q_1392	Love to think up new ways of doing things.	4.54	1.19	4.37	1.23	4.69	1.14	4.45	1.20	4.89	1.15	4.61	1.19	5.01	1.10	4.66	1.26	5.00	1.12	4.74	1.16	4.95	1.18	4.92	1.23	4.84	1.02	4.71	1.30
q_1058	Have a vivid imagination.	4.80	1.26	4.89	1.19	4.89	1.19	4.83	1.21	4.89	1.22	4.86	1.23	4.91	1.21	4.76	1.27	4.79	1.23	4.72	1.29	5.05	1.00	4.74	1.43	4.63	1.27	4.74	1.10
q_35	Act without thinking.	3.25	1.50	3.24	1.48	2.91	1.45	2.95	1.38	2.59	1.38	2.82	1.40	2.41	1.35	2.69	1.38	2.37	1.30	2.58	1.39	2.47	1.27	2.66	1.31	2.10	1.43	2.64	1.25
q_1424	Make rash decisions.	3.34	1.36	3.32	1.36	3.13	1.36	3.08	1.39	2.91	1.41	2.97	1.44	2.80	1.44	2.80	1.42	2.55	1.33	2.62	1.37	2.63	1.43	2.45	1.35	2.36	1.17	2.19	1.35
q_1173	Jump into things without thinking.	3.34	1.45	3.29	1.44	3.10	1.43	3.04	1.43	2.78	1.43	2.99	1.46	2.73	1.39	2.77	1.37	2.66	1.36	2.83	1.43	2.51	1.37	2.65	1.39	2.49	1.33	2.17	1.26
q_4223	Stop to think things over before doing anything.	4.09	1.30	4.16	1.32	4.36	1.29	4.34	1.27	4.48	1.21	4.39	1.26	4.49	1.28	4.45	1.23	4.48	1.21	4.47	1.24	4.55	1.09	4.47	1.14	4.54	1.54	4.69	0.95
q_4276	Often make decisions on the spur of the moment.	3.88	1.40	3.78	1.40	3.75	1.39	3.60	1.42	3.55	1.46	3.53	1.43	3.50	1.45	3.59	1.37	3.51	1.39	3.44	1.46	3.41	1.45	3.62	1.38	3.77	1.74	3.41	1.45
q_1416	Make myself the center of attention.	2.79	1.49	2.54	1.43	2.62	1.40	2.50	1.39	2.73	1.44	2.47	1.41	2.68	1.42	2.40	1.40	2.79	1.43	2.34	1.38	2.52	1.39	2.34	1.34	2.31	1.26	2.16	1.42
q_1296	Like to attract attention.	3.09	1.49	2.99	1.50	3.06	1.50	2.99	1.49	3.08	1.54	2.84	1.49	2.97	1.48	2.74	1.48	2.93	1.50	2.57	1.42	2.84	1.49	2.44	1.47	3.02	1.42	2.65	1.58
q_565	Dislike being the center of attention.	3.69	1.56	3.83	1.55	3.78	1.50	3.90	1.52	3.72	1.56	3.97	1.55	3.66	1.56	3.85	1.51	3.64	1.65	3.97	1.53	3.82	1.55	4.00	1.53	4.03	1.28	4.29	1.47
q_1555	Put on a show to impress people.	3.33	1.51	2.84	1.47	3.20	1.47	2.70	1.44	2.99	1.50	2.58	1.44	2.87	1.51	2.33	1.37	2.63	1.51	2.14	1.32	2.31	1.32	2.08	1.32	2.62	1.40	2.17	1.26
q_1027	Hate being the center of attention.	3.73	1.57	3.77	1.57	3.60	1.53	3.80	1.51	3.63	1.58	3.85	1.57	3.58	1.58	3.95	1.54	3.58	1.56	3.90	1.55	3.43	1.63	3.90	1.51	3.76	1.53	3.89	1.51
q_1201	Keep things tidy.	3.56	1.45	3.77	1.49	3.67	1.45	4.05	1.44	3.77	1.49	4.06	1.51	3.95	1.50	4.05	1.54	4.09	1.40	4.26	1.47	3.96	1.43	4.20	1.46	3.67	1.67	4.41	1.31
q_1254	Leave a mess in my room.	4.05	1.59	4.11	1.63	3.85	1.60	3.80	1.67	3.72	1.61	3.65	1.71	3.39	1.59	3.48	1.69	3.25	1.61	3.27	1.65	3.28	1.59	3.26	1.72	2.74	1.50	2.78	1.61

(continued on next page)

Table 27: SPI item means and standard deviations by age range and gender

		14 — 18 yrs old				19 — 25 yrs old				26 — 35 yrs old				36 — 45 yrs old				46 — 55 yrs old				56 — 65 yrs old				66 yrs old and up			
		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female	
		m	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*
q_1483	Often forget to put things back in their proper place.	3.72	1.52	3.76	1.53	3.46	1.56	3.45	1.60	3.31	1.64	3.19	1.67	3.35	1.61	3.04	1.62	3.09	1.70	3.01	1.61	3.03	1.55	2.97	1.59	3.34	1.81	2.67	1.75
q_169	Am not bothered by disorder.	3.64	1.47	3.35	1.52	3.47	1.43	3.17	1.52	3.32	1.53	3.03	1.52	3.24	1.50	2.83	1.53	3.20	1.56	2.93	1.52	3.51	1.45	2.98	1.54	2.91	1.44	2.73	1.69
q_1290	Like order.	4.27	1.26	4.44	1.26	4.44	1.20	4.61	1.21	4.47	1.27	4.65	1.20	4.57	1.20	4.77	1.21	4.57	1.16	4.73	1.22	4.50	1.25	4.76	1.20	4.51	1.39	4.49	1.41
q_369	Believe laws should be strictly enforced.	3.66	1.33	3.85	1.26	3.70	1.39	3.91	1.29	3.70	1.45	3.88	1.35	3.87	1.47	4.07	1.33	3.97	1.41	4.26	1.33	3.70	1.38	3.99	1.37	3.74	1.65	4.08	1.33
q_398	Believe that we should be tough on crime.	4.25	1.31	4.32	1.20	4.18	1.35	4.28	1.28	4.15	1.45	4.41	1.36	4.40	1.43	4.44	1.38	4.48	1.33	4.47	1.34	4.18	1.49	4.34	1.50	4.26	1.50	4.37	1.64
q_1624	Respect authority.	4.39	1.34	4.80	1.22	4.33	1.40	4.84	1.20	4.26	1.47	4.72	1.29	4.32	1.45	4.83	1.29	4.34	1.47	4.91	1.24	4.37	1.46	4.65	1.43	4.23	1.44	4.62	1.41
q_1867	Try to follow the rules.	4.26	1.28	4.53	1.22	4.32	1.26	4.71	1.10	4.34	1.29	4.78	1.14	4.49	1.25	4.84	1.15	4.63	1.18	4.94	1.12	4.52	1.28	4.79	1.22	4.38	1.31	4.97	1.15
q_1609	Rebel against authority.	3.32	1.48	3.04	1.52	3.33	1.50	2.89	1.49	3.50	1.50	2.96	1.57	3.58	1.48	2.98	1.58	3.49	1.54	2.88	1.55	3.69	1.48	3.31	1.62	3.83	1.52	3.16	1.48
q_254	Am skilled in handling social situations.	3.87	1.48	3.85	1.51	3.93	1.45	4.03	1.43	4.03	1.43	4.16	1.44	4.10	1.46	4.29	1.40	4.14	1.44	4.46	1.35	4.43	1.43	4.45	1.43	4.34	1.51	4.63	1.51
q_901	Find it difficult to approach others.	3.62	1.61	3.72	1.58	3.61	1.58	3.53	1.57	3.41	1.62	3.31	1.59	3.24	1.53	3.10	1.57	2.92	1.56	2.96	1.56	2.95	1.51	2.86	1.55	3.29	1.64	2.56	1.46
q_1045	Have a natural talent for influencing people.	3.94	1.34	3.93	1.36	4.01	1.34	3.90	1.33	4.05	1.40	3.93	1.39	4.15	1.33	4.04	1.35	4.07	1.44	4.03	1.43	3.98	1.47	4.14	1.39	4.03	1.25	4.27	1.34
q_131	Am good at making impromptu speeches.	3.47	1.61	3.02	1.66	3.44	1.63	2.95	1.62	3.61	1.66	3.04	1.69	3.71	1.67	3.19	1.76	3.89	1.68	3.26	1.74	4.11	1.62	3.40	1.77	3.87	1.59	3.75	1.84
q_1242	Lack the talent for influencing people.	2.87	1.36	2.89	1.32	2.82	1.39	2.82	1.33	2.67	1.36	2.72	1.36	2.59	1.41	2.70	1.39	2.46	1.47	2.62	1.39	2.60	1.42	2.65	1.40	2.50	1.32	2.60	1.30
q_1855	Trust what people say.	3.65	1.33	3.56	1.43	3.70	1.34	3.71	1.37	3.67	1.34	3.59	1.38	3.72	1.30	3.73	1.34	3.98	1.33	3.90	1.30	3.98	1.24	4.26	1.21	4.19	1.38	3.85	1.56
q_4289	Trust people to mainly tell the truth.	3.94	1.39	3.87	1.49	3.96	1.40	4.02	1.39	3.90	1.39	4.04	1.39	4.21	1.26	4.11	1.40	4.44	1.27	4.46	1.25	4.25	1.32	4.55	1.25	4.44	1.23	4.76	0.98
q_377	Believe that others have good intentions.	3.90	1.33	4.05	1.34	3.98	1.28	4.22	1.24	4.04	1.28	4.24	1.21	4.23	1.15	4.42	1.15	4.43	1.15	4.56	1.03	4.30	1.17	4.72	0.97	4.75	0.81	4.58	1.20
q_871	Feel that most people cant be trusted.	3.71	1.39	3.74	1.41	3.55	1.40	3.59	1.39	3.42	1.41	3.42	1.46	3.13	1.49	3.25	1.41	2.98	1.46	2.91	1.42	2.73	1.35	2.74	1.42	2.79	1.37	2.46	1.53
q_379	Believe that people are basically moral.	3.70	1.32	3.73	1.28	3.71	1.35	3.90	1.28	3.80	1.34	3.83	1.31	3.99	1.40	4.17	1.24	4.16	1.24	4.20	1.25	4.40	1.24	4.33	1.23	4.51	1.20	4.42	1.17
q_1243	Laugh a lot.	4.78	1.27	5.09	1.12	4.62	1.29	4.95	1.13	4.52	1.24	4.79	1.19	4.38	1.27	4.65	1.25	4.43	1.29	4.60	1.28	4.53	1.38	4.62	1.32	4.58	1.35	4.69	1.23
q_1244	Laugh aloud.	4.45	1.36	4.96	1.20	4.43	1.37	4.88	1.24	4.44	1.38	4.85	1.31	4.40	1.42	4.79	1.38	4.58	1.29	4.92	1.20	4.61	1.40	4.90	1.38	4.38	1.56	4.76	1.39
q_1248	Laugh my way through life.	4.01	1.45	4.18	1.41	4.05	1.42	4.08	1.40	3.83	1.45	3.97	1.41	3.70	1.41	3.75	1.44	3.65	1.46	3.78	1.46	3.57	1.44	3.74	1.42	3.42	1.65	3.48	1.53
q_296	Amuse my friends.	4.76	1.08	4.86	1.04	4.74	1.09	4.76	1.08	4.58	1.17	4.67	1.12	4.47	1.21	4.58	1.19	4.51	1.20	4.51	1.22	4.35	1.17	4.68	1.12	4.00	1.37	4.14	1.20
q_1685	Seldom joke around.	2.62	1.59	2.67	1.62	2.48	1.49	2.48	1.47	2.46	1.45	2.46	1.43	2.45	1.36	2.35	1.36	2.34	1.25	2.41	1.37	2.34	1.49	2.51	1.41	2.44	1.72	2.77	1.63
q_219	Am open about my feelings.	3.20	1.63	3.33	1.67	3.34	1.61	3.68	1.59	3.55	1.62	4.03	1.57	3.63	1.61	4.33	1.49	3.94	1.50	4.42	1.41	3.82	1.52	4.22	1.49	3.53	1.49	3.96	1.65
q_1081	Have difficulty expressing my feelings.	3.92	1.54	3.97	1.61	3.83	1.56	3.67	1.60	3.67	1.59	3.33	1.61	3.44	1.58	2.96	1.62	3.07	1.51	2.86	1.66	2.99	1.47	2.62	1.53	2.68	1.30	2.78	1.51
q_1706	Show my sadness.	2.81	1.44	3.20	1.52	2.84	1.48	3.39	1.50	3.12	1.52	3.63	1.50	3.35	1.49	3.73	1.50	3.44	1.44	3.82	1.40	3.61	1.44	3.78	1.46	3.16	1.44	3.61	1.60
q_1635	Reveal little about myself.	3.96	1.48	3.89	1.48	4.07	1.44	3.76	1.49	3.99	1.49	3.55	1.52	3.72	1.55	3.68	1.53	3.57	1.52	3.39	1.51	3.62	1.49	3.53	1.52	3.64	1.71	3.40	1.73
q_803	Express myself easily.	3.67	1.54	3.64	1.53	3.68	1.54	3.85	1.48	3.93	1.55	4.05	1.45	4.22	1.39	4.42	1.34	4.55	1.41	4.56	1.35	4.67	1.25	4.71	1.29	4.77	1.16	4.65	1.47
q_607	Do not enjoy going to art museums.	3.39	1.71	2.63	1.60	2.98	1.59	2.58	1.56	2.81	1.60	2.44	1.54	2.74	1.61	2.40	1.57	2.31	1.45	2.31	1.53	2.52	1.61	2.22	1.67	2.12	1.59	2.26	1.67
q_348	Believe in the importance of art.	4.27	1.56	4.67	1.42	4.50	1.43	4.69	1.37	4.67	1.37	4.78	1.32	4.64	1.34	4.83	1.29	4.86	1.19	5.02	1.21	4.65	1.42	5.24	1.06	4.93	1.22	5.49	0.95
q_610	Do not like art.	2.71	1.67	2.02	1.36	2.38	1.48	2.05	1.33	2.19	1.39	1.94	1.27	2.13	1.31	1.99	1.28	2.19	1.48	1.76	1.17	2.03	1.36	1.60	1.07	1.73	0.99	1.43	1.02
q_1132	Have read the great literary classics.	3.06	1.66	3.41	1.62	3.15	1.60	3.46	1.65	3.31	1.67	3.58	1.71	3.42	1.67	3.63	1.73	3.55	1.69	3.91	1.57	3.54	1.68	4.14	1.55	3.94	1.71	4.18	1.30
q_612	Do not like poetry.	3.44	1.71	3.00	1.72	3.10	1.58	2.85	1.59	3.13	1.63	2.75	1.56	3.18	1.60	2.87	1.61	3.10	1.59	2.77	1.59	3.12	1.67	2.55	1.57	2.50	1.34	2.51	1.50
q_1389	Love to reflect on things.	4.62	1.31	4.64	1.26	4.95	1.14	4.91	1.12	5.11	1.07	5.00	1.11	4.98	1.15	5.03	1.07	5.11	1.04	4.89	1.16	5.26	0.94	5.26	0.89	5.05	1.01	5.04	1.28
q_1738	Spend time reflecting on things.	4.85	1.15	4.87	1.15	5.05	1.07	5.04	1.01	5.09	1.06	5.10	1.00	5.03	1.10	5.04	1.10	5.14	1.06	5.04	1.03	5.10	1.05	5.18	1.04	5.30	0.94	5.25	0.87
q_1880	Try to understand myself.	5.01	1.13	5.10	1.03	5.26	0.98	5.25	0.95	5.33	0.97	5.35	0.94	5.32	0.95	5.35	1.00	5.30	1.01	5.42	0.95	5.41	0.86	5.35	1.16	5.45	0.99	5.44	0.93
q_755	Enjoy examining myself and my life.	4.63	1.31	4.43	1.44	4.77	1.29	4.74	1.29	4.81	1.29	4.80	1.30	4.68	1.33	4.74	1.28	4.69	1.39	4.75	1.35	4.67	1.34	4.86	1.17	4.71	1.35	4.44	1.46
q_1310	Like to get lost in thought.	4.84	1.23	4.86	1.27	4.80	1.25	4.72	1.29	4.74	1.33	4.55	1.36	4.60	1.36	4.50	1.35	4.60	1.36	4.36	1.40	4.63	1.37	4.65	1.31	4.45	1.50	4.41	1.47
q_571	Dislike imperfect work.	4.21	1.32	4.35	1.33	4.47	1.23	4.53	1.26	4.61	1.30	4.62	1.27	4.62	1.29	4.55	1.33	4.63	1.21	4.58	1.31	4.77	1.13	4.75	1.23	4.63	1.24	4.45	1.48
q_1915	Want every detail taken care of.	4.22	1.27	4.50	1.24	4.39	1.27	4.57	1.23	4.36	1.32	4.60	1.25	4.33	1.32	4.51	1.29	4.19	1.36	4.37	1.36	4.13	1.45	4.21	1.45	4.01	1.40	4.48	1.32
q_1694	Set high standards for myself and others.	4.62	1.28	4.87	1.19	4.88	1.12	4.97	1.11	4.97	1.10	5.06	1.07	4.99	1.10	5.03	1.07	5.00	1.06	5.02	1.02	4.82	1.06	5.08	1.05	4.78	1.16	4.79	1.27
q_530	Continue until everything is perfect.	3.99	1.30	4.26	1.25	4.15	1.23	4.35	1.22	4.23	1.29	4.39	1.25	4.23	1.29	4.38	1.25	4.23	1.30	4.34	1.26	4.27	1.28	4.14	1.35	3.99	1.46	4.17	1.49
q_142	Am hard to satisfy.	3.37	1.36	3.37	1.42	3.47	1.44	3.30	1.47	3.63	1.51	3.39	1.47	3.57	1.43	3.18	1.53	3.48	1.49	3.10	1.50	3.21	1.36	2.95	1.49	3.51	1.34	2.80	1.71
q_1462	Never splurge.	3.34	1.39	3.10	1.35	3.19	1.40	2.95	1.35	3.13	1.42	2.84	1.36	3.20	1.45	2.90	1.37	3.22	1.41	2.90	1.41	3.26	1.44	2.88	1.35	3.26	1.69	3.00	1.49
q_1590	Rarely overindulge.	3.32	1.34	3.18	1.29	3.30	1.34	3.14	1.32	3.30	1.45	3.11	1.38	3.32	1.39	3.27	1.44	3.34	1.41	3.37	1.43	3.63	1.37	3.37	1.40	3.82	1.59	3.79	1.31
q_1461	Never spend more than I can afford.	4.29	1.53	4.20	1.55	4.14	1.59	3.99	1.59	3.94	1.68	3.70	1.65	3.79	1.62	3.49	1.60	3.98	1.56	3.70	1.62	4.41	1.43	3.81	1.71	4.34	1.76	4.41	1.40
q_56	Am able to control my cravings.	3.82	1.37	3.50	1.38	3.79	1.37	3.48	1.38	3.77	1.42	3.45	1.43	3.82	1.43	3.60	1.44	3.82	1.43	3.75	1.44	3.84	1.40	3.87	1.33	4.08	1.46	4.36	1.26
q_736	Easily resist temptations.	3.51	1.40	3.39	1.34	3.49	1.39	3.40	1.37	3.57	1.45	3.43	1.41	3.55	1.39	3.61	1.42	3.66	1.45	3.56	1.43	3.63	1.40	3.81	1.34	3.51	1.21	4.23	1.35
q_1300	Like to be thought of as a normal kind of person.	3.55	1.57	3.70	1.54	3.62	1.54	3.89	1.48	3.71	1.49	4.03	1.46	3.95	1.46	4.08	1.45	4.15	1.41	4.31	1.42	4.11	1.55	4.54	1.32	4.59	1.39	4.67	1.28
q_2005	Would hate to be considered odd or strange.	3.18	1.65	3.19	1.64	2.99	1.56	3.08	1.57	2.84	1.54	2.96	1.58	3.02	1.57	3.12	1.60	3.20	1.50	3.34	1.61	3.23	1.52	3.48	1.57	3.33	1.54	3.49	1.57
q_747	Enjoy being thought of as a normal mainstream person.	2.88	1.43	2.90	1.44	2.79	1.43	2.99	1.41	2.84	1.47	3.23	1.49	3.06	1.45	3.23	1.57	3.33	1.54	3.47	1.60	2.93	1.54	3.31	1.49	3.41	1.56	3.22	1.61
q_152	Am just an ordinary person.	3.22	1.64	3.65	1.63	3.33	1.63	3.79	1.56	3.44	1.61	3.87	1.57	3.44	1.61	4.05	1.60	3.69	1.70	4.16	1.57	3.60	1.59	3.98	1.63	3.48	1.68	3.61	1.73
q_1653	See myself as an average person.	3.26	1.61	3.81	1.53	3.17	1.56	3.74	1.50	3.11	1.58	3.72	1.54	3.18	1.63	3.73	1.57	3.18	1.57	3.78	1.58	3.03	1.58	3.53	1.60	2.75	1.74	3.76	1.73
q_566	Dislike changes.	3.50	1.43	3.69	1.39	3.31	1.38	3.62	1.43	3.23	1.45	3.39	1.43	3.24	1.43	3.38	1.47	3.28	1.45	3.15	1.48	3.02	1.48	3.24	1.42	3.05	1.57	3.00	1.32
q_689	Dont like the idea of change.	3.23	1.49	3.49	1.48	3.01	1.43	3.33	1.49	2.94	1.40	3.23	1.50	2.92	1.53	3.09	1.46	2.92	1.53	3.08	1.47	2.61	1.46	3.05	1.48	2.39	1.38	3.07	1.67
q_1542	Prefer variety to routine.	4.03	1.41	4.00	1.40	4.07	1.39	3.86	1.40	4.04	1.44	3.88	1.45	4.25	1.43	4.04	1.48	4.25	1.41	4.15	1.39	4.41	1.36	4.36	1.41	4.43	1.41	4.49	1.33
q_39	Adjust easily.	4.29	1.20	4.17	1.26	4.35	1.24	4.26	1.28	4.43	1.28	4.40	1.31	4.47	1.28	4.61	1.21	4.45	1.20	4.63	1.12	4.32	1.44	4.68	1.08	4.67	0.85	4.83	1.12
q_1303	Like to begin new things.	4.43	1.20	4.57	1.17	4.62	1.15	4.68	1.12	4.72	1.20	4.77	1.10	4.88	1.15	4.76	1.13	4.83	1.03	4.65	1.17	4.89	1.10	4.91	1.10	5.03	0.93	4.89	1.13
q_1329	Like to take it easy.	4.68	1.19	4.43	1.24	4.58	1.27	4.43	1.22	4.43	1.31	4.34	1.28	4.32	1.38	4.27	1.36	4.23	1.34	4.19	1.36	4.04	1.47	4.15	1.47	4.11	1.59	3.90	1.29
q_1281	Like a leisurely lifestyle.	4.50	1.28	4.31	1.26	4.48	1.26	4.35	1.26	4.44	1.31	4.37	1.29	4.33	1.35	4.36	1.31	4.17	1.43	4.23	1.33	4.12	1.45	4.18	1.42	3.94	1.68	4.41	1.33
q_1052	Have a slow pace to my life.	3.53	1.38	3.16	1.42	3.52	1.45	3.16	1.45	3.61	1.47	3.14	1.51	3.30	1.49	3.19	1.55	3.32	1.61	3.16	1.56	3.66	1.54	3.38	1.55	3.19	1.58	3.36	1.68
q_1024	Hang around doing nothing.	3.84	1.44	3.92	1.48	3.77	1.49	3.70	1.53	3.40	1.56	3.33	1.62	3.03	1.60	2.95	1.57	2.91	1.58	2.75	1.51	2.51	1.44	2.75	1.61	2.69	1.60	2.71	1.83
q_1280	Let things proceed at their own pace.	4.12	1.19	4.08	1.18	4.14	1.21	3.96	1.20	3.99	1.29	3.81	1.22	3.78	1.31	3.79	1.22	4.00	1.25	3.87	1.21	3.72	1.29	4.07	1.19	4.07	1.29	3.58	1.33
q_1840	Think that my moods dont change more than most peoples do.	3.65	1.47	3.29	1.52	3.80	1.50	3.44	1.46	3.91	1.52	3.49	1.55	3.99	1.51	3.63	1.54	3.96	1.59	3.95	1.50	4.13	1.53	4.07	1.55	4.19	1.68	3.87	1.82

(continued on next page)

Table 27: SPI item means and standard deviations by age range and gender

		14 — 18 yrs old				19 — 25 yrs old				26 — 35 yrs old				36 — 45 yrs old				46 — 55 yrs old				56 — 65 yrs old				66 yrs old and up			
		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female	
		m	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*
q_797	Experience very few emotional highs and lows.	3.24	1.59	2.83	1.55	3.27	1.57	2.76	1.49	3.29	1.64	2.70	1.47	3.24	1.53	2.83	1.48	3.08	1.52	2.87	1.44	3.41	1.52	2.94	1.52	3.85	1.38	2.92	1.53
q_979	Get overwhelmed by emotions.	3.25	1.57	4.25	1.49	3.21	1.56	4.15	1.49	3.07	1.55	4.06	1.51	3.11	1.55	3.82	1.51	3.02	1.47	3.79	1.54	3.09	1.49	3.20	1.57	3.09	1.44	3.46	1.69
q_793	Experience my emotions intensely.	3.77	1.58	4.44	1.42	3.89	1.54	4.52	1.37	3.86	1.53	4.51	1.39	3.90	1.48	4.55	1.36	3.92	1.50	4.51	1.32	3.95	1.38	4.50	1.37	4.05	1.74	4.19	1.44
q_174	Am not easily affected by my emotions.	3.35	1.62	2.67	1.50	3.40	1.55	2.66	1.47	3.45	1.53	2.60	1.43	3.36	1.55	2.65	1.42	3.23	1.44	2.69	1.41	2.97	1.42	2.67	1.35	2.98	1.52	2.60	1.47
q_1824	Tend to vote for conservative political candidates.	2.78	1.60	2.61	1.57	2.59	1.57	2.49	1.55	2.53	1.58	2.34	1.53	2.83	1.70	2.45	1.61	2.87	1.79	2.70	1.77	2.84	1.88	2.38	1.71	3.05	1.91	2.45	1.77
q_660	Dont consider myself religious.	4.14	1.88	3.69	1.91	4.29	1.87	3.77	1.88	4.41	1.80	3.84	1.92	4.05	1.94	3.69	1.94	3.84	1.93	3.33	1.96	3.72	1.91	3.19	1.97	4.31	1.85	3.77	2.12
q_345	Believe in one true religion.	2.82	2.02	3.02	2.05	2.49	1.94	2.91	2.02	2.35	1.89	2.70	2.05	2.44	2.01	2.64	2.01	2.49	1.95	2.94	2.13	2.26	1.90	2.65	2.05	2.35	1.95	3.00	2.17
q_1825	Tend to vote for liberal political candidates.	3.50	1.72	3.64	1.72	3.81	1.67	3.84	1.70	4.02	1.71	3.92	1.74	3.93	1.72	3.95	1.83	3.71	1.87	3.65	1.89	4.25	1.80	4.30	1.78	4.03	1.79	4.20	2.06
q_1328	Like to stand during the national anthem.	3.86	1.79	4.12	1.72	3.75	1.85	3.96	1.76	3.75	1.89	3.89	1.86	3.93	1.90	4.32	1.77	4.26	1.78	4.54	1.80	4.40	1.80	4.67	1.72	3.83	1.69	4.65	1.93

10.5 Item Response Theory-based parameters

The following section of code derives the IRT parameters for each of the 27 scales in the SPI-27 using the two parameter logistic model. IRT parameters are not derived for the SPI-5 because the use of such parameters is not supported for all 5 factors based on the unidimensionality estimates (see Table 26). After considerable reflection, I decided to derive the parameters for all of the 27 factor scales because it would be very confusing to users if they were omitted for the two factors with inadequate unidimensionality (see Section 10.1). I think future research with these scales will likely lead in one of two directions. Either these scales (or any of the others) will not prove to have much predictive utility or the unidimensionality of these factors will be strengthened by future analyses of personality structure. Basically, I think we should assume these factors are "real" until we have more information but remain skeptical about their utility.

The best uses of the IRT parameters for the SPI-27 items (note the unidimensionality in Table 25) would be to identify Differential Item Functioning and/or for computer adaptive assessment (aka computer adaptive testing or CATs). Recommendations for such procedures extend beyond the scope of this paper, but it seems worth noting that it would be possible to administer CATs that provide concise and reliable scores on all 27 scales with about 81-108 items. Since most of these items are also valid for scoring on the SPI-5 scales, this methodology would simultaneously provide scores on that level as well.

```
rm(list = setdiff(ls(), c("filepathdata", "filepathfig")))

load(paste(filepathdata, "keysAndScalesInfo.Rdata", sep = ""))

# Get the IRT parameters for all of the SPI27 scales

irt.fa.loop <- function(x, y, nscales = c(1:length(y)))
{

    # Loops through all of the item lists in y x is the raw data frame used to derive the parameters nscales is a
    # vector of the numbers of the lists in y to be run

    IRTlist <- list()

    for (i in nscales) {

        IRT <- irt.fa(subset(x, select = c(y[[i]])))
        IRTlist[[i]] <- IRT

    }

    names(IRTlist) <- names(y)[nscales]
    results <- IRTlist
    return(results)

}

IRToutputSPI27 <- irt.fa.loop(allSample, keys.list27$items)
for (i in 1:27)
{
    calTable <- cbind(IRToutputSPI27[i][[1]]$irt[2][[1]], IRToutputSPI27[i][[1]]$irt[1][[1]][[1]])
    colnames(calTable) <- c("slope", "thresh1", "thresh2", "thresh3", "thresh4", "thresh5")
    assign(paste("calTable", i, sep = ""), round(calTable, 2))
    rm(calTable)

}

calTableCombined <- rbind(calTable1, calTable2, calTable3, calTable4, calTable5, calTable6, calTable7, calTable8,
    calTable9, calTable10, calTable11, calTable12, calTable13, calTable14, calTable15, calTable16, calTable17,
    calTable18, calTable19, calTable20, calTable21, calTable22, calTable23, calTable24, calTable25, calTable26,
    calTable27)

save(allSample, calTable1, calTable2, calTable3, calTable4, calTable5, calTable6, calTable7, calTable8, calTable9,
    calTable10, calTable11, calTable12, calTable13, calTable14, calTable15, calTable16, calTable17, calTable18,
    calTable19, calTable20, calTable21, calTable22, calTable23, calTable24, calTable25, calTable26, calTable27,
    calTableCombined, IRToutputSPI27, keys.list27, file = paste(filepathdata, "IRToutputSPI27.Rdata", sep = ""))
```

Now that I have derived the IRT parameters, I can plot the Item Information Functions and the Test Information Functions for each of the SPI-27 scales. These are shown by factor in Appendix D (Figures A4-1 through A4-54). Appendix D also includes tables (A4-1 through A4-27) showing the discrimination and difficulty thresholds for each of the 27 scales.

11 Topics for further research

Are you still here? It's over. I can't believe you made it this far. The only explanation is that you're an incurable insomniac with a strong interest in personality structure. Well, the bad news (depending on your perspective) is that there's not much more to say at this point. All I can offer you are some ideas for getting down to work yourself.

My first suggestion is to evaluate the extent to which the results reported here are replicable. As I have already pointed out, several of the 27 factors are weak/moderate in strength. It'd be good to understand why. Equally important is the issue of predictive utility. I expect different facets of personality to be predictive of many important outcomes in many domains — health outcomes, economic/financial outcomes, education, employment, social, and relationship outcomes. But I don't expect that all differences are predictive of outcomes that matter to most people. Given the inefficiency of measuring irrelevant differences, it would be very useful to determine whether each of the 27 predict anything important.

This leads directly to the topic of differential predictive utility across groups. This includes grouping by one or more variables such as age, gender, SES, cognitive ability, educational attainment level, health status and many more. DIF analyses (based on IRT scoring) are also needed to ascertain whether the scales derived here perform consistently across groups or if there evidence for bias. Not all DIF leads to bias and there are many methods for addressing DIF at the scale and item level.

To the extent that differences across groups can be substantiated, it would be useful to consider the mechanisms underlying these differences. This might be pursued by considering item level differences or by considering the contribution of external factors. The latter case might include social roles, biological factors, and situations. Just one example of the former can be found in the last row of Table 24 — women of all age groups endorse "like to stand during the national anthem" at significantly higher rates than men. Why? There are many similar differences to be considered in the remaining 695 items. I intend to focus on these topics in my own research because I think item-level analyses are generally under-utilized in personality assessment, but there's a ton of work to do here — have at it.

There are also several practical avenues for further research. The data described here could be used for linking analyses that would allow for the development of equivalence scores across closely related measures of the Big Five and Big Six. This contribution would enable more direct translation of previously reported findings that are based on different measures and would *potentially* allow for immediate extension of the nomological network for the SPI27 scales.

Another means of evaluating the generalizability of these measures (or, more precisely, the structure they represent) would be to administer the items in many different languages and modes (including those which may not require reading). This will first require translation of the items into as many languages as possible. I would advocate prioritization of the 135 items in the 27 factor scales but many more should be translated in order to enable EFA replications. Unfortunately, high quality translation work requires considerable resources. The gold standard (or a very good one) in translation methodology (FACIT, Eremenco, 2005) uses a multi-step process to maximize equivalence in both meaning and measurement. The steps include (1) two independent forward translations performed simultaneously by separate individuals, preferably by persons with slightly different nationalities and/or bilingual dialect; (2) reconciliation of the original translations by a third person who is a native speaker of the target language; (3) back-translation by one or more native (bilingual) speaker(s); (4) quality control to ensure that the back-translation closely matches the source document; and (5) independent review by three or four bilingual experts. While the the prospect of translating hundreds (or possibly thousands) of items into multiple languages is daunting, many IPIP items have already been translated; see http://ipip.ori.org/newItemTranslations.htm for more information.

Evaluations of structure would also benefit from several advanced psychometric analyses. As previously discussed, IRT-based analyses of differential item functioning (DIF) are a priority to determine the extent to which various items perform inconsistently across variously-defined groups; revision of the scales may be needed if differential functioning suggests biased scales. IRT-based scoring also facilitates the development of computer adaptive testing procedures, though this is as much of a technological challenge as it is psychometric. The benefit of CAT assessment is a reduction in administration time without loss of precision.

It would also be insightful to consider the longitudinal invariance of this proposed structure. While

I have focused on the inclusion of items that are structurally stable across samples, I have no information regarding stability over time. Using multiple timepoints of longitudinal data collection and item-level change scores, it is possible to fit a measurement model of derivatives (Estabrook, 2015) that enables evaluation of within and between person change. Differing magnitudes and directions of change among items over time should be evaluated as predictors of important outcomes and, possibly, for evidence that the scales could be improved.[51]

From my perspective, the most exciting avenue for further research involves the continued application of the methods used here. This will include administration of the remaining IPIP items to evaluate their relationship to the 696 administered here. A likely outcome is that the many of the remaining IPIP items can be "located" among the 27 factor scales using factor extension procedures. But, these data may also lead to the replacement or elimination of existing factors or even the identification of new ones.

More importantly, I look forward to using these methods to integrate these items with other frameworks for assessing individual differences. These include domains like cognitive abilities, interests (including hobbies and pasttimes), and values as well as important demographic/psychographic characteristics. The predictive utility for each of these domains of measurement is supported by a long history of research and validation (see (Condon, 2014) for more details about the prospects for integration in differential/personality psychology). Unfortunately, very few attempts have previously been made to integrate these domains; the extent to which they overlap or are incrementally valid is not clear. I view this as the biggest opportunity in personality assessment as it suggests to me that our current tools could be improved — either made more efficient or more predictive — by use of SAPA-like methods for evaluating them holistically.

Of course, I am happy to provide more or more specific feedback about these suggestions for further research just as I hope that many people will reach out with suggestions of their own. I truly believe that the most efficient path forward for personality assessment as a field is through collaboration. While I recognize the importance of maintaining a diversity of data collection methods, it seems to me that the best way to evaluate personality structure is with very large international samples. This might be achieved if the personality research community collectively directed as much traffic as possible to a collaboratively developed and maintained administration portal (in my very biased opinion, SAPA-Project.org would be a good model but I'd be pleased just to be involved). Under such a collaboration, all data *and measures* would be made publicly available, publications would include anyone who contributes time or resources to the project, and the constructs under study at any point in time would be targeted based on input from a steering committee.

Who knows? Someday, maybe. In the meantime, we will continue to do what we can with the resources we've got. Thank you for reading all this — I look forward to your feedback and your iterative contribution.

[51] I say "possibly" because it's not clear to me if or how much items should be invariant over time.

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Appendices

Appendix A

Item-factor loadings from exploratory factor analyses

David M. Condon*

This appendix contains many pages of tables that show the content for items loading onto each factor when 1 to 30 factors are extracted from the exploratory and replication samples. For ease of navigation, a listing of the tables (with hotlinks) follows this introduction. The methods for extraction (the exact `R` code used) is provided in Section 6.4.

Table lists the item content for every extracted factor, labeled by the name of the table. Each table shows the 10 items with the highest primary loadings (or all of the items if fewer than 10 items have primary loadings above 0.3) on the given factor. Items are not listed if they have secondary loadings on any other factor(s) above 0.3. These are described elsewhere as the "qualified" items.

Note that I am merely presenting all the tables here, without differentiating between the quality of the solutions. There are 465 tables for each sample — (nfactors)*(nfactors+1)/2 where nfactors is set at 30 for these analyses. There are 2 samples; 930 tables in all. Note that some of the tables are merely place holders for instances where the factor does not have any qualified items. Each table also indicates the other IPIP-based personality scales in which the item can be found, if applicable. To keep things legible, I've used abbreviations for the column headers to denote the measures as follows:

IPIP100: the 100 IPIP items corresponding to the Big Five factor marker (Goldberg, 1999) scales
BFAS: the 100 items of the 10 Big Five Aspect Scales (DeYoung et al., 2007)
HEXACO: the 240 items of the 6 factor scales and 24 facet scales of the IPIP-HEXACO inventory (Ashton et al., 2007)
QB6: the 48 items of the 6 Questionnaire Big Six (Thalmayer et al., 2011) scales
IPIP-NEO: the 300 items of the 5 factor scales and 30 facet scales of the IPIP-NEO (Goldberg, 1999)
MPQ: the 127 items of the 12 IPIP-Multidimensional Personality Questionnaire (Goldberg, 2016; Tellegen and Waller, 2008) scales
EPQr: revisions based on the 79 items of the 3 Eysenck Personality Questionnaire (Revised) (Eysenck et al., 1985) scales (items from the Lie scale have been intentionally omitted)
PS: the 40 items of the 2 Plasticity/Stability (DeYoung, 2010) scales

Administration of these scales also implies the administration of several other measures which are abbreviations of these scales, including the 24 and 36 item Questionnaire Big Six scales (Thalmayer et al., 2011), the 50 item IPIP scales corresponding to the Big Five factor markers (Goldberg, 2016), and the 20 item "mini-IPIP" scales (Donnellan et al., 2006). If one includes these items, the item sets administered represent all of the items in 114 publicly available personality scales. Several other IPIP-based scales are partially represented by this subset (e.g., the Hogan Personality Inventory ["HPI], Gough's California Psychological Inventory [CPI], Cloninger's Temperament and Character Inventory [TCI], Cattell's 16 Factor Personality Questionnaire [16PF]). See Table Table 2 in Section 2 for a (partial) listing of the scales represented in this 696 item set.

Here are the abbreviations used to denote the scales within each measure:

IPIP100:B5:A = IPIP100 - Agreeableness
IPIP100:B5:C = IPIP100 - Conscientiousness
IPIP100:B5:E = IPIP100 - Extraversion
IPIP100:B5:ES = IPIP100 - Emotional Stability

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*This document is an appendix to *The SAPA Personality Inventory*. Correspondence should be directed to david-condon@northwestern.edu, Department of Medical Social Sciences, Northwestern University, Chicago, Illinois. Please use the following citation information: Condon, D.M. (2017). The SAPA Personality Inventory: an empirically-derived, hierarchically-organized self-report personality assessment model.

IPIP100:B5:I = IPIP100 - Intellect
BFAS:A:C = BFAS Agreeableness - Compassion
BFAS:A:P = BFAS Agreeableness - Politeness
BFAS:C:I = BFAS Conscientiousness - Industriousness
BFAS:C:O = BFAS Conscientiousness - Orderliness
BFAS:E:A = BFAS Extraversion - Assertiveness
BFAS:E:E = BFAS Extraversion - Enthusiasm
BFAS:N:W = BFAS Neuroticism - Withdrawal
BFAS:N:W = BFAS Neuroticism - Volatility
BFAS:O:V = BFAS Openness - Openness
BFAS:O:I = BFAS Openness - Intellect
H:H:F = HEXACO Honesty-Humility - Fairness
H:H:GA = HEXACO Honesty-Humility - Greed Avoidance
H:H:M = HEXACO Honesty-Humility - Modesty
H:H:S = HEXACO Honesty-Humility - Sincerity
H:E:A = HEXACO Emotionality - Anxiety
H:E:D = HEXACO Emotionality - Dependence
H:E:F = HEXACO Emotionality - Fearfulness
H:E:S = HEXACO Emotionality - Sentimentality
H:X:E = HEXACO eXtraversion - Expressiveness
H:X:L = HEXACO eXtraversion - Liveliness
H:X:S = HEXACO eXtraversion - Sociability
H:X:SB = HEXACO eXtraversion - Social Boldness
H:A:FL = HEXACO Agreeableness - Flexibility
H:A:FO = HEXACO Agreeableness - Forgiveness
H:A:G = HEXACO Agreeableness - Gentleness
H:A:P = HEXACO Agreeableness - Patience
H:C:D = HEXACO Conscientiousness - Diligence
H:C:O = HEXACO Conscientiousness - Organization
H:C:PE = HEXACO Conscientiousness - Perfectionism
H:C:PR = HEXACO Conscientiousness - Prudence
H:O:AA = HEXACO Openness - Aesthetic Appreciation
H:O:C = HEXACO Openness - Creativity
H:O:I = HEXACO Openness - Inquisitiveness
H:O:U = HEXACO Openness - Unconventionality
QB6:A = QB6 Agreeableness
QB6:C = QB6 Conscientiousness
QB6:ES = QB6 Emotional Stability
QB6:H = QB6 Honesty/Propriety
QB6:O = QB6 Openness
QB6:X = QB6 Extraversion
N1:AN: = IPIP-NEO Neuroticism - Anxiety
N2:AN: = IPIP-NEO Neuroticism - Anger
N3:DE: = IPIP-NEO Neuroticism - Depression
N4:SC: = IPIP-NEO Neuroticism - Self-Consciousness
N5:IM: = IPIP-NEO Neuroticism - Immoderation
N6:VU: = IPIP-NEO Neuroticism - Vulnerability
E1:FR: = IPIP-NEO Extraversion - Friendliness
E2:GR: = IPIP-NEO Extraversion - Gregariousness
E3:AS: = IPIP-NEO Extraversion - Assertiveness
E4:AL: = IPIP-NEO Extraversion - Activity Level
E5:ES: = IPIP-NEO Extraversion - Excitement-Seeking
E6:CH: = IPIP-NEO Extraversion - Cheerfulness
O1:IM: = IPIP-NEO Openness - Imagination
O2:AI: = IPIP-NEO Openness - Artistic Interests
O3:EM: = IPIP-NEO Openness - Emotionality
O4:AD: = IPIP-NEO Openness - Adventurousness
O5:IN: = IPIP-NEO Openness - Intellect
O6:LI: = IPIP-NEO Openness - Liberalism
A1:TR: = IPIP-NEO Agreeableness - Trust
A2:MO: = IPIP-NEO Agreeableness - Morality
A3:AL: = IPIP-NEO Agreeableness - Altruism
A4:CO: = IPIP-NEO Agreeableness - Cooperation
A5:MO: = IPIP-NEO Agreeableness - Modesty
A6:SY: = IPIP-NEO Agreeableness - Sympathy
C1:SE: = IPIP-NEO Conscientiousness - Self-Efficacy
C2:OR: = IPIP-NEO Conscientiousness - Orderliness
C3:DU: = IPIP-NEO Conscientiousness - Dutifulness
C4:AS: = IPIP-NEO Conscientiousness - Achievement Striving
C5:SD: = IPIP-NEO Conscientiousness - Self-Discipline
C6:CA: = IPIP-NEO Conscientiousness - Cautiousness
MPQ:WB MPQ Wellbeing (Joyfulness)
MPQ:SP MPQ Social Potency (Power-Seeking)
MPQ:AC MPQ Achievement (Achievement-Seeking)
MPQ:SC MPQ Social Closeness (Friendliness)
MPQ:SR MPQ Stress Reaction (Emotional Instability)
MPQ:AG MPQ Aggression (Belligerence)

MPQ:AL MPQ Alienation (Distrust)
MPQ:CO MPQ Control (Planfulness)
MPQ:HA MPQ Harm Avoidance (Risk Avoidance)
MPQ:TR MPQ Traditionalism (Conservatism)
MPQ:AB MPQ Absorption (Imagination)
MPQ:UV MPQ Unlikely Virtues (Unlikely Virtues)
EPQ:P EPQrevised - Psychoticism
EPQ:P EPQrevised - Extraversion
EPQ:P EPQrevised - Neuroticism
PS:P Plasticity/Stability - Plasticity
PS:S Plasticity/Stability - Stability

EFA1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_867	Feel that Im unable to deal with things.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_20	Act comfortably with others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:E1:FR	NULL	NULL
q_1350	Look at the bright side of life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_105	Am easily discouraged.	NULL	BFAS:N:W	NULL	NULL	NULL	NULL	NULL	NULL
q_208	Am often in a bad mood.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N2:ANG	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_279	Am usually active and full of energy.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-1: Exploratory Sample - EFA1:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_867	Feel that Im unable to deal with things.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1350	Look at the bright side of life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_208	Am often in a bad mood.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N2:ANG	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_832	Feel healthy and vibrant most of the time.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-2: Replication Sample - EFA1:Factor1

EFA2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4283	Can get a party going.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1410	Make friends easily.	IPIP100:E	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4237	Enjoy meeting new people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_20	Act comfortably with others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:E1:FR	NULL	NULL

Table A1-3: Exploratory Sample - EFA2:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4283	Can get a party going.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_262	Am the life of the party.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1742	Start conversations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL

Table A1-4: Replication Sample - EFA2:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_978	Get out of control.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_405	Break rules.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1780	Take risks that could cause trouble for me	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_22	Act impulsively when something is bothering me.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_630	Do things out of revenge.	NULL	NULL	NULL	NULL	MPQ:AG	NULL	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-5: Exploratory Sample - EFA2:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_978	Get out of control.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_22	Act impulsively when something is bothering me.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_920	Find myself in the same kinds of trouble time after time.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_3691	Am self-destructive.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_630	Do things out of revenge.	NULL	NULL	NULL	NULL	MPQ:AG	NULL	NULL	NULL
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL

Table A1-6: Replication Sample - EFA2:Factor2

EFA3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_867	Feel that Im unable to deal with things.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_105	Am easily discouraged.	NULL	BFAS:N:W	NULL	NULL	NULL	NULL	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_960	Get caught up in my problems.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1447	Need reassurance.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_52	Am a person whose moods go up and down easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-7: Exploratory Sample - EFA3:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_867	Feel that Im unable to deal with things.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_52	Am a person whose moods go up and down easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_105	Am easily discouraged.	NULL	BFAS:N:W	NULL	NULL	NULL	NULL	NULL	NULL
q_1099	Have frequent mood swings.	IPIP100:ES	NULL	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL
q_960	Get caught up in my problems.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL

Table A1-8: Replication Sample - EFA3:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4237	Enjoy meeting new people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4283	Can get a party going.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_262	Am the life of the party.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL

Table A1-9: Exploratory Sample - EFA3:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_262	Am the life of the party.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4283	Can get a party going.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4237	Enjoy meeting new people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL

Table A1-10: Replication Sample - EFA3:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_405	Break rules.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_2029	Would not regret my behavior if I were to take advantage of someone impulsively.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_146	Am indifferent to the feelings of others.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_40	Admire a really clever scam.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_1214	Know how to get around the rules.	NULL	NULL	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_4293	Would like for other people to be afraid of me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-11: Exploratory Sample - EFA3:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_405	Break rules.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_146	Am indifferent to the feelings of others.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1818	Tend to dislike soft-hearted people.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_2029	Would not regret my behavior if I were to take advantage of someone impulsively.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL

Table A1-12: Replication Sample - EFA3:Factor3

EFA4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4237	Enjoy meeting new people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4283	Can get a party going.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_262	Am the life of the party.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL

Table A1-13: Exploratory Sample - EFA4:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_262	Am the life of the party.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4283	Can get a party going.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4237	Enjoy meeting new people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL

Table A1-14: Replication Sample - EFA4:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_52	Am a person whose moods go up and down easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_1099	Have frequent mood swings.	IPIP100:ES	NULL	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL

Table A1-15: Exploratory Sample - EFA4:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_52	Am a person whose moods go up and down easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-16: Replication Sample - EFA4:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_619	Do things according to a plan.	IPIP100:C	NULL	H:C:PR	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1321	Like to plan ahead.	NULL	NULL	NULL	QB6:C	MPQ:CO	NULL	NULL	NULL
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1422	Make plans and stick to them.	IPIP100:C	NULL	H:C:PR	NULL	MPQ:CO	NULL	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL

Table A1-17: Exploratory Sample - EFA4:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1818	Tend to dislike soft-hearted people.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_146	Am indifferent to the feelings of others.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_487	Cant stand weak people.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_4293	Would like for other people to be afraid of me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_957	Get back at others.	NULL	NULL	NULL	NULL	MPQ:AG	NEO:A4:CO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-18: Replication Sample - EFA4:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4293	Would like for other people to be afraid of me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_487	Cant stand weak people.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_146	Am indifferent to the feelings of others.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1818	Tend to dislike soft-hearted people.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1054	Have a strong need for power.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-19: Exploratory Sample - EFA4:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_619	Do things according to a plan.	IPIP100:C	NULL	H:C:PR	NULL	NULL	NEO:C2:OR	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_76	Am always prepared.	IPIP100:C	NULL	NULL	NULL	MPQ:UV	NEO:C5:SD	NULL	NULL
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1321	Like to plan ahead.	NULL	NULL	NULL	QB6:C	MPQ:CO	NULL	NULL	NULL
q_1422	Make plans and stick to them.	IPIP100:C	NULL	H:C:PR	NULL	MPQ:CO	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-20: Replication Sample - EFA4:Factor4

EFA5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4237	Enjoy meeting new people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4283	Can get a party going.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_745	Enjoy being part of a loud crowd.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-21: Exploratory Sample - EFA5:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_262	Am the life of the party.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4283	Can get a party going.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_4234	Can usually let myself go and enjoy a lively party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL

Table A1-22: Replication Sample - EFA5:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_52	Am a person whose moods go up and down easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1099	Have frequent mood swings.	IPIP100:ES	NULL	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_960	Get caught up in my problems.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-23: Exploratory Sample - EFA5:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_52	Am a person whose moods go up and down easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-24: Replication Sample - EFA5:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_619	Do things according to a plan.	IPIP100:C	NULL	H:C:PR	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1321	Like to plan ahead.	NULL	NULL	NULL	QB6:C	MPQ:CO	NULL	NULL	NULL
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1422	Make plans and stick to them.	IPIP100:C	NULL	H:C:PR	NULL	MPQ:CO	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-25: Exploratory Sample - EFA5:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_146	Am indifferent to the feelings of others.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1818	Tend to dislike soft-hearted people.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_957	Get back at others.	NULL	NULL	NULL	NULL	MPQ:AG	NEO:A4:CO	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-26: Replication Sample - EFA5:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_146	Am indifferent to the feelings of others.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_4293	Would like for other people to be afraid of me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1818	Tend to dislike soft-hearted people.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-27: Exploratory Sample - EFA5:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_619	Do things according to a plan.	IPIP100:C	NULL	H:C:PR	NULL	NULL	NEO:C2:OR	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_76	Am always prepared.	IPIP100:C	NULL	NULL	NULL	MPQ:UV	NEO:C5:SD	NULL	NULL
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1321	Like to plan ahead.	NULL	NULL	NULL	QB6:C	MPQ:CO	NULL	NULL	NULL
q_1422	Make plans and stick to them.	IPIP100:C	NULL	H:C:PR	NULL	MPQ:CO	NULL	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL

Table A1-28: Replication Sample - EFA5:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1050	Have a rich vocabulary.	IPIP100:I	BFAS:O:I	H:O:I	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_492	Carry the conversation to a higher level.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	PS:P

Table A1-29: Exploratory Sample - EFA5:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1050	Have a rich vocabulary.	IPIP100:I	BFAS:O:I	H:O:I	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1893	Use difficult words.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-30: Replication Sample - EFA5:Factor5

EFA6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_4283	Can get a party going.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-31: Exploratory Sample - EFA6:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_52	Am a person whose moods go up and down easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_177	Am not easily bothered by things.	IPIP100:ES	NULL	NULL	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-32: Replication Sample - EFA6:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_52	Am a person whose moods go up and down easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1099	Have frequent mood swings.	IPIP100:ES	NULL	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_960	Get caught up in my problems.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL

Table A1-33: Exploratory Sample - EFA6:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1643	Say little.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_262	Am the life of the party.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-34: Replication Sample - EFA6:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_146	Am indifferent to the feelings of others.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_4293	Would like for other people to be afraid of me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1818	Tend to dislike soft-hearted people.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-35: Exploratory Sample - EFA6:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1818	Tend to dislike soft-hearted people.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_146	Am indifferent to the feelings of others.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-36: Replication Sample - EFA6:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_619	Do things according to a plan.	IPIP100:C	NULL	H:C:PR	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1321	Like to plan ahead.	NULL	NULL	NULL	QB6:C	MPQ:CO	NULL	NULL	NULL
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1422	Make plans and stick to them.	IPIP100:C	NULL	H:C:PR	NULL	MPQ:CO	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-37: Exploratory Sample - EFA6:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_619	Do things according to a plan.	IPIP100:C	NULL	H:C:PR	NULL	NULL	NEO:C2:OR	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_76	Am always prepared.	IPIP100:C	NULL	NULL	NULL	MPQ:UV	NEO:C5:SD	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_491	Carry out my plans.	NULL	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1321	Like to plan ahead.	NULL	NULL	NULL	QB6:C	MPQ:CO	NULL	NULL	NULL

Table A1-38: Replication Sample - EFA6:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1050	Have a rich vocabulary.	IPIP100:I	BFAS:O:I	H:O:I	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_492	Carry the conversation to a higher level.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	PS:P

Table A1-39: Exploratory Sample - EFA6:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1050	Have a rich vocabulary.	IPIP100:I	BFAS:O:I	H:O:I	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1893	Use difficult words.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-40: Replication Sample - EFA6:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_4261	Am more easy-going about right and wrong than most people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_26	Act or feel in a way that does not fit me.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_1276	Let people push me around to help them feel important.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1787	Take things as they come.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL

Table A1-41: Exploratory Sample - EFA6:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_4261	Am more easy-going about right and wrong than most people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1292	Like to act on a whim.	NULL	NULL	NULL	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1780	Take risks that could cause trouble for me	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL

Table A1-42: Replication Sample - EFA6:Factor6

EFA7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1643	Say little.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_313	Avoid contacts with others.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-43: Exploratory Sample - EFA7:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1643	Say little.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL

Table A1-44: Replication Sample - EFA7:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_52	Am a person whose moods go up and down easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_1099	Have frequent mood swings.	IPIP100:ES	NULL	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_497	Change my mood a lot.	IPIP100:ES	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL

Table A1-45: Exploratory Sample - EFA7:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_248	Am relaxed most of the time.	IPIP100:ES	NULL	NULL	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_177	Am not easily bothered by things.	IPIP100:ES	NULL	NULL	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_52	Am a person whose moods go up and down easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-46: Replication Sample - EFA7:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_619	Do things according to a plan.	IPIP100:C	NULL	H:C:PR	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1321	Like to plan ahead.	NULL	NULL	NULL	QB6:C	MPQ:CO	NULL	NULL	NULL

Table A1-47: Exploratory Sample - EFA7:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_491	Carry out my plans.	NULL	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_76	Am always prepared.	IPIP100:C	NULL	NULL	NULL	MPQ:UV	NEO:C5:SD	NULL	NULL

Table A1-48: Replication Sample - EFA7:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_225	Am out for my own personal gain.	NULL	BFAS:A:P	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1543	Pretend to be concerned for others.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL

Table A1-49: Exploratory Sample - EFA7:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_716	Dont think that Im better than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1818	Tend to dislike soft-hearted people.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_225	Am out for my own personal gain.	NULL	BFAS:A:P	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1543	Pretend to be concerned for others.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL

Table A1-50: Replication Sample - EFA7:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1050	Have a rich vocabulary.	IPIP100:I	BFAS:O:I	H:O:I	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_492	Carry the conversation to a higher level.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	PS:P

Table A1-51: Exploratory Sample - EFA7:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1050	Have a rich vocabulary.	IPIP100:I	BFAS:O:I	H:O:I	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1893	Use difficult words.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1964	Will not probe deeply into a subject.	IPIP100:I	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL

Table A1-52: Replication Sample - EFA7:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1780	Take risks that could cause trouble for me	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_31	Act wild and crazy.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL

Table A1-53: Exploratory Sample - EFA7:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1780	Take risks that could cause trouble for me	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-54: Replication Sample - EFA7:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_114	Am easily intimidated.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_159	Am nice to people I should be angry at.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1276	Let people push me around to help them feel important.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_217	Am on good terms with nearly everyone.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-55: Exploratory Sample - EFA7:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_114	Am easily intimidated.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_4225	Often take notice of what people think.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-56: Replication Sample - EFA7:Factor7

EFA8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_313	Avoid contacts with others.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-57: Exploratory Sample - EFA8:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_313	Avoid contacts with others.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_314	Avoid crowds.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL

Table A1-58: Replication Sample - EFA8:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_619	Do things according to a plan.	IPIP100:C	NULL	H:C:PR	NULL	NULL	NEO:C2:OR	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1321	Like to plan ahead.	NULL	NULL	NULL	QB6:C	MPQ:CO	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1422	Make plans and stick to them.	IPIP100:C	NULL	H:C:PR	NULL	MPQ:CO	NULL	NULL	NULL

Table A1-59: Exploratory Sample - EFA8:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_76	Am always prepared.	IPIP100:C	NULL	NULL	NULL	MPQ:UV	NEO:C5:SD	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_491	Carry out my plans.	NULL	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-60: Replication Sample - EFA8:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_225	Am out for my own personal gain.	NULL	BFAS:A:P	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1543	Pretend to be concerned for others.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL

Table A1-61: Exploratory Sample - EFA8:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1818	Tend to dislike soft-hearted people.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_146	Am indifferent to the feelings of others.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1543	Pretend to be concerned for others.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL

Table A1-62: Replication Sample - EFA8:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_820	Feel comfortable with myself.	NULL	BFAS:N:W	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL

Table A1-63: Exploratory Sample - EFA8:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_820	Feel comfortable with myself.	NULL	BFAS:N:W	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_824	Feel desperate.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	PS:S
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL

Table A1-64: Replication Sample - EFA8:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1050	Have a rich vocabulary.	IPIP100:I	BFAS:O:I	H:O:I	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_492	Carry the conversation to a higher level.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	PS:P
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-65: Exploratory Sample - EFA8:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1050	Have a rich vocabulary.	IPIP100:I	BFAS:O:I	H:O:I	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1893	Use difficult words.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1964	Will not probe deeply into a subject.	IPIP100:I	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL

Table A1-66: Replication Sample - EFA8:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1184	Keep my cool.	NULL	NULL	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL

Table A1-67: Exploratory Sample - EFA8:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL

Table A1-68: Replication Sample - EFA8:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1780	Take risks that could cause trouble for me	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL

Table A1-69: Exploratory Sample - EFA8:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1780	Take risks that could cause trouble for me	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-70: Replication Sample - EFA8:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_114	Am easily intimidated.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_4290	Am easily hurt when people find fault with me or the work I do.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1447	Need reassurance.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-71: Exploratory Sample - EFA8:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_114	Am easily intimidated.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1446	Need protection.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4290	Am easily hurt when people find fault with me or the work I do.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1330	Like to take my time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-72: Replication Sample - EFA8:Factor8

EFA9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_1643	Say little.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1742	Start conversations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-73: Exploratory Sample - EFA9:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1643	Say little.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL

Table A1-74: Replication Sample - EFA9:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_626	Do things in a half-way manner.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1949	Waste my time.	IPIP100:C	BFAS:C:I	NULL	QB6:C	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-75: Exploratory Sample - EFA9:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_716	Dont think that Im better than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_225	Am out for my own personal gain.	NULL	BFAS:A:P	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-76: Replication Sample - EFA9:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_225	Am out for my own personal gain.	NULL	BFAS:A:P	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-77: Exploratory Sample - EFA9:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-78: Replication Sample - EFA9:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1835	Think that all will be well.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-79: Exploratory Sample - EFA9:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1050	Have a rich vocabulary.	IPIP100:I	BFAS:O:I	H:O:I	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_1893	Use difficult words.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_492	Carry the conversation to a higher level.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	PS:P
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-80: Replication Sample - EFA9:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1050	Have a rich vocabulary.	IPIP100:I	BFAS:O:I	H:O:I	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_492	Carry the conversation to a higher level.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	PS:P
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-81: Exploratory Sample - EFA9:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-82: Replication Sample - EFA9:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL

Table A1-83: Exploratory Sample - EFA9:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1780	Take risks that could cause trouble for me	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-84: Replication Sample - EFA9:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1368	Love excitement.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-85: Exploratory Sample - EFA9:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1350	Look at the bright side of life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1835	Think that all will be well.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL

Table A1-86: Replication Sample - EFA9:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_114	Am easily intimidated.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_4280	Worry a lot about my looks.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1447	Need reassurance.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_4290	Am easily hurt when people find fault with me or the work I do.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1853	Tremble in dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-87: Exploratory Sample - EFA9:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_114	Am easily intimidated.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_67	Am afraid that I will do the wrong thing.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_4290	Am easily hurt when people find fault with me or the work I do.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1447	Need reassurance.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL

Table A1-88: Replication Sample - EFA9:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_82	Am attached to conventional ways.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-89: Exploratory Sample - EFA9:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_4238	Good manners are very important.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1657	See that rules are observed.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_397	Believe that we coddle criminals too much.	NULL	NULL	NULL	NULL	NULL	NEO:O6:LI	NULL	NULL

Table A1-90: Replication Sample - EFA9:Factor9

EFA10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1643	Say little.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_1742	Start conversations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-91: Exploratory Sample - EFA10:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_313	Avoid contacts with others.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL

Table A1-92: Replication Sample - EFA10:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1949	Waste my time.	IPIP100:C	BFAS:C:I	NULL	QB6:C	NULL	NEO:C5:SD	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL

Table A1-93: Exploratory Sample - EFA10:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_225	Am out for my own personal gain.	NULL	BFAS:A:P	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_716	Dont think that Im better than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL

Table A1-94: Replication Sample - EFA10:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_225	Am out for my own personal gain.	NULL	BFAS:A:P	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_716	Dont think that Im better than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1543	Pretend to be concerned for others.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL

Table A1-95: Exploratory Sample - EFA10:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-96: Replication Sample - EFA10:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_919	Find life difficult.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S

Table A1-97: Exploratory Sample - EFA10:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-98: Replication Sample - EFA10:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1050	Have a rich vocabulary.	IPIP100:I	BFAS:O:I	H:O:I	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_492	Carry the conversation to a higher level.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	PS:P
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-99: Exploratory Sample - EFA10:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1350	Look at the bright side of life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_820	Feel comfortable with myself.	NULL	BFAS:N:W	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL

Table A1-100: Replication Sample - EFA10:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL

Table A1-101: Exploratory Sample - EFA10:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1780	Take risks that could cause trouble for me	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL

Table A1-102: Replication Sample - EFA10:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1368	Love excitement.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-103: Exploratory Sample - EFA10:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_747	Enjoy being thought of as a normal mainstream person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1861	Try to avoid complex people.	IPIP100:I	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_2775	Am not all that curious about the world.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_1964	Will not probe deeply into a subject.	IPIP100:I	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_82	Am attached to conventional ways.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL

Table A1-104: Replication Sample - EFA10:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_114	Am easily intimidated.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1276	Let people push me around to help them feel important.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1435	Misjudge situations.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-105: Exploratory Sample - EFA10:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_492	Carry the conversation to a higher level.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	PS:P
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_946	Formulate ideas clearly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_2756	Am considered to be a wise person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_4271	Nearly always have a ready answer when talking to people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-106: Replication Sample - EFA10:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4238	Good manners are very important.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4233	Dislike people who dont know how to behave themselves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1372	Love luxury.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1384	Love to eat.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_339	Believe in an eye for an eye.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-107: Exploratory Sample - EFA10:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_114	Am easily intimidated.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_4290	Am easily hurt when people find fault with me or the work I do.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_890	Feel threatened easily.	IPIP100:ES	BFAS:N:W	NULL	NULL	NULL	NULL	NULL	NULL
q_1276	Let people push me around to help them feel important.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL

Table A1-108: Replication Sample - EFA10:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1583	Rarely get caught up in the excitement.	NULL	BFAS:E:E	NULL	NULL	NULL	NULL	NULL	NULL
q_797	Experience very few emotional highs and lows.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_4266	Most things taste the same to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-109: Exploratory Sample - EFA10:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4238	Good manners are very important.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1330	Like to take my time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1289	Like music.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_964	Get deeply immersed in music.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL

Table A1-110: Replication Sample - EFA10:Factor10

EFA11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1643	Say little.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-111: Exploratory Sample - EFA11:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_262	Am the life of the party.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL

Table A1-112: Replication Sample - EFA11:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1307	Like to do things for others.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-113: Exploratory Sample - EFA11:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_146	Am indifferent to the feelings of others.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_838	Feel little concern for others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1962	Will do anything for others.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1307	Like to do things for others.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-114: Replication Sample - EFA11:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1949	Waste my time.	IPIP100:C	BFAS:C:I	NULL	QB6:C	NULL	NEO:C5:SD	NULL	NULL

Table A1-115: Exploratory Sample - EFA11:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-116: Replication Sample - EFA11:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1835	Think that all will be well.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL

Table A1-117: Exploratory Sample - EFA11:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1350	Look at the bright side of life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1835	Think that all will be well.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-118: Replication Sample - EFA11:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-119: Exploratory Sample - EFA11:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-120: Replication Sample - EFA11:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1368	Love excitement.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL

Table A1-121: Exploratory Sample - EFA11:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL
q_1780	Take risks that could cause trouble for me	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-122: Replication Sample - EFA11:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1648	See beauty in things that others might not notice.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL

Table A1-123: Exploratory Sample - EFA11:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL

Table A1-124: Replication Sample - EFA11:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_4271	Nearly always have a ready answer when talking to people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_455	Can talk others into doing things.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1023	Handle tasks smoothly.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-125: Exploratory Sample - EFA11:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_455	Can talk others into doing things.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_4271	Nearly always have a ready answer when talking to people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-126: Replication Sample - EFA11:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_4280	Worry a lot about my looks.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1447	Need reassurance.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_704	Dont pretend to be more than I am.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL

Table A1-127: Exploratory Sample - EFA11:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_704	Dont pretend to be more than I am.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL

Table A1-128: Replication Sample - EFA11:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_339	Believe in an eye for an eye.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_4233	Dislike people who dont know how to behave themselves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4238	Good manners are very important.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-129: Exploratory Sample - EFA11:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4238	Good manners are very important.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1289	Like music.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1330	Like to take my time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-130: Replication Sample - EFA11:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1373	Love my enemies.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_4266	Most things taste the same to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-131: Exploratory Sample - EFA11:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL

Table A1-132: Replication Sample - EFA11:Factor11

EFA12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1643	Say little.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-133: Exploratory Sample - EFA12:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL

Table A1-134: Replication Sample - EFA12:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_919	Find life difficult.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S

Table A1-135: Exploratory Sample - EFA12:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-136: Replication Sample - EFA12:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_1949	Waste my time.	IPIP100:C	BFAS:C:I	NULL	QB6:C	NULL	NEO:C5:SD	NULL	NULL

Table A1-137: Exploratory Sample - EFA12:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1350	Look at the bright side of life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL

Table A1-138: Replication Sample - EFA12:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL

Table A1-139: Exploratory Sample - EFA12:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_721	Dont understand people who get emotional.	NULL	NULL	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-140: Replication Sample - EFA12:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1543	Pretend to be concerned for others.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL

Table A1-141: Exploratory Sample - EFA12:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_278	Am usually a patient person.	NULL	NULL	H:A:P	QB6:A	NULL	NULL	NULL	NULL

Table A1-142: Replication Sample - EFA12:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1648	See beauty in things that others might not notice.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-143: Exploratory Sample - EFA12:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1780	Take risks that could cause trouble for me	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-144: Replication Sample - EFA12:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1368	Love excitement.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL

Table A1-145: Exploratory Sample - EFA12:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-146: Replication Sample - EFA12:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_82	Am attached to conventional ways.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_623	Do things by the book.	NULL	NULL	NULL	NULL	MPQ:CO	NULL	NULL	NULL
q_1657	See that rules are observed.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-147: Exploratory Sample - EFA12:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL

Table A1-148: Replication Sample - EFA12:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_4271	Nearly always have a ready answer when talking to people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-149: Exploratory Sample - EFA12:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1327	Like to solve complex problems.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-150: Replication Sample - EFA12:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_505	Cheer people up.	NULL	NULL	NULL	NULL	NULL	NEO:E1:FR	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1419	Make people feel at ease.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1421	Make people feel welcome.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-151: Exploratory Sample - EFA12:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_114	Am easily intimidated.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1435	Misjudge situations.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-152: Replication Sample - EFA12:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1276	Let people push me around to help them feel important.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_339	Believe in an eye for an eye.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-153: Exploratory Sample - EFA12:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4238	Good manners are very important.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1384	Love to eat.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-154: Replication Sample - EFA12:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_4266	Most things taste the same to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_251	Am seldom bothered by the apparent suffering of strangers.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-155: Exploratory Sample - EFA12:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL

Table A1-156: Replication Sample - EFA12:Factor12

EFA13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1643	Say little.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1379	Love to chat.	NULL	NULL	H:X:S	NULL	MPQ:SC	NULL	NULL	NULL

Table A1-157: Exploratory Sample - EFA13:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL

Table A1-158: Replication Sample - EFA13:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1835	Think that all will be well.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-159: Exploratory Sample - EFA13:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1835	Think that all will be well.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-160: Replication Sample - EFA13:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL

Table A1-161: Exploratory Sample - EFA13:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL

Table A1-162: Replication Sample - EFA13:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-163: Exploratory Sample - EFA13:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_721	Dont understand people who get emotional.	NULL	NULL	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-164: Replication Sample - EFA13:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_721	Dont understand people who get emotional.	NULL	NULL	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL

Table A1-165: Exploratory Sample - EFA13:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_278	Am usually a patient person.	NULL	NULL	H:A:P	QB6:A	NULL	NULL	NULL	NULL

Table A1-166: Replication Sample - EFA13:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-167: Exploratory Sample - EFA13:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-168: Replication Sample - EFA13:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1648	See beauty in things that others might not notice.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-169: Exploratory Sample - EFA13:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL

Table A1-170: Replication Sample - EFA13:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1368	Love excitement.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-171: Exploratory Sample - EFA13:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-172: Replication Sample - EFA13:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_82	Am attached to conventional ways.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-173: Exploratory Sample - EFA13:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1327	Like to solve complex problems.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-174: Replication Sample - EFA13:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_429	Can manage many things at the same time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_4271	Nearly always have a ready answer when talking to people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-175: Exploratory Sample - EFA13:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1657	See that rules are observed.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1223	Know that anyone who tries can get a job.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-176: Replication Sample - EFA13:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1435	Misjudge situations.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1146	Have trouble guessing how others will react.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-177: Exploratory Sample - EFA13:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_114	Am easily intimidated.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1435	Misjudge situations.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-178: Replication Sample - EFA13:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_4266	Most things taste the same to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL

Table A1-179: Exploratory Sample - EFA13:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_121	Am easy to satisfy.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_1787	Take things as they come.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1384	Love to eat.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_6	Accept people as they are.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL

Table A1-180: Replication Sample - EFA13:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1787	Take things as they come.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_121	Am easy to satisfy.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_6	Accept people as they are.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL

Table A1-181: Exploratory Sample - EFA13:Factor13

Item	IPIP100	BFAS	HEXACO QB6	MPQ	IPIPneo	EPQr	PS
NA							

Table A1-182: Replication Sample - EFA13:Factor13

EFA14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_745	Enjoy being part of a loud crowd.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL

Table A1-183: Exploratory Sample - EFA14:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL

Table A1-184: Replication Sample - EFA14:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1835	Think that all will be well.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-185: Exploratory Sample - EFA14:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1350	Look at the bright side of life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL

Table A1-186: Replication Sample - EFA14:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-187: Exploratory Sample - EFA14:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-188: Replication Sample - EFA14:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-189: Exploratory Sample - EFA14:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_721	Dont understand people who get emotional.	NULL	NULL	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-190: Replication Sample - EFA14:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-191: Exploratory Sample - EFA14:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-192: Replication Sample - EFA14:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-193: Exploratory Sample - EFA14:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL

Table A1-194: Replication Sample - EFA14:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1648	See beauty in things that others might not notice.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P

Table A1-195: Exploratory Sample - EFA14:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-196: Replication Sample - EFA14:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1780	Take risks that could cause trouble for me	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL

Table A1-197: Exploratory Sample - EFA14:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1054	Have a strong need for power.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-198: Replication Sample - EFA14:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_429	Can manage many things at the same time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1616	Remain calm under pressure.	NULL	NULL	H:E:A	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1327	Like to solve complex problems.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-199: Exploratory Sample - EFA14:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1616	Remain calm under pressure.	NULL	NULL	H:E:A	NULL	NULL	NEO:N6:VU	NULL	NULL

Table A1-200: Replication Sample - EFA14:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1223	Know that anyone who tries can get a job.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-201: Exploratory Sample - EFA14:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1657	See that rules are observed.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-202: Replication Sample - EFA14:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1435	Misjudge situations.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1146	Have trouble guessing how others will react.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-203: Exploratory Sample - EFA14:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_905	Find it difficult to manipulate others.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	NULL

Table A1-204: Replication Sample - EFA14:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL

Table A1-205: Exploratory Sample - EFA14:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4294	Am sometimes bubbling over with energy and sometimes very sluggish.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1395	Make a fool of myself.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL

Table A1-206: Replication Sample - EFA14:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1787	Take things as they come.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_4261	Am more easy-going about right and wrong than most people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_121	Am easy to satisfy.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_6	Accept people as they are.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-207: Exploratory Sample - EFA14:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-208: Replication Sample - EFA14:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_711	Dont strive for elegance in my appearance.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-209: Exploratory Sample - EFA14:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL

Table A1-210: Replication Sample - EFA14:Factor14

EFA15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1180	Keep in the background.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_745	Enjoy being part of a loud crowd.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL

Table A1-211: Exploratory Sample - EFA15:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL

Table A1-212: Replication Sample - EFA15:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1835	Think that all will be well.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-213: Exploratory Sample - EFA15:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL

Table A1-214: Replication Sample - EFA15:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-215: Exploratory Sample - EFA15:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-216: Replication Sample - EFA15:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-217: Exploratory Sample - EFA15:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-218: Replication Sample - EFA15:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-219: Exploratory Sample - EFA15:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_2036	Yell at people.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL

Table A1-220: Replication Sample - EFA15:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1088	Have difficulty understanding abstract ideas.	IPIP100:I	BFAS:O:I	NULL	QB6:O	NULL	NEO:O5:IN	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL

Table A1-221: Exploratory Sample - EFA15:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_761	Enjoy intellectual games.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_1893	Use difficult words.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_316	Avoid difficult reading material.	IPIP100:I	BFAS:O:I	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1327	Like to solve complex problems.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL

Table A1-222: Replication Sample - EFA15:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_393	Believe there is never an excuse for lying.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL

Table A1-223: Exploratory Sample - EFA15:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-224: Replication Sample - EFA15:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1360	Love action.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-225: Exploratory Sample - EFA15:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL

Table A1-226: Replication Sample - EFA15:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_429	Can manage many things at the same time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_132	Am good at many things.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-227: Exploratory Sample - EFA15:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_455	Can talk others into doing things.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1599	React quickly.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1616	Remain calm under pressure.	NULL	NULL	H:E:A	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P

Table A1-228: Replication Sample - EFA15:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_82	Am attached to conventional ways.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_623	Do things by the book.	NULL	NULL	NULL	NULL	MPQ:CO	NULL	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1657	See that rules are observed.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL

Table A1-229: Exploratory Sample - EFA15:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1657	See that rules are observed.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-230: Replication Sample - EFA15:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4280	Worry a lot about my looks.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_334	Begin to panic when there is danger.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1853	Tremble in dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_479	Cant stand confrontations.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_332	Become overwhelmed by events.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1446	Need protection.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL

Table A1-231: Exploratory Sample - EFA15:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_957	Get back at others.	NULL	NULL	NULL	NULL	MPQ:AG	NEO:A4:CO	NULL	NULL
q_630	Do things out of revenge.	NULL	NULL	NULL	NULL	MPQ:AG	NULL	NULL	NULL

Table A1-232: Replication Sample - EFA15:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1435	Misjudge situations.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-233: Exploratory Sample - EFA15:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2891	Dont pride myself on being original.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_132	Am good at many things.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-234: Replication Sample - EFA15:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_2821	Behave in unusual and strange ways.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_2951	Have a colorful and dramatic way of talking about things.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1395	Make a fool of myself.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL

Table A1-235: Exploratory Sample - EFA15:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1381	Love to daydream.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4294	Am sometimes bubbling over with energy and sometimes very sluggish.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_67	Am afraid that I will do the wrong thing.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL

Table A1-236: Replication Sample - EFA15:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1787	Take things as they come.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_121	Am easy to satisfy.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-237: Exploratory Sample - EFA15:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1511	Pay too little attention to details.	NULL	NULL	H:C:PE	QB6:C	NULL	NULL	NULL	NULL

Table A1-238: Replication Sample - EFA15:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4266	Most things taste the same to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-239: Exploratory Sample - EFA15:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_4261	Am more easy-going about right and wrong than most people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-240: Replication Sample - EFA15:Factor15

EFA16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_745	Enjoy being part of a loud crowd.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_314	Avoid crowds.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL

Table A1-241: Exploratory Sample - EFA16:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4240	Tend to keep in the background on social occasions.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4259	Am mostly quiet when with other people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1803	Talk to a lot of different people at parties.	IPIP100:E	NULL	H:X:S	QB6:X	NULL	NEO:E2:GR	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL

Table A1-242: Replication Sample - EFA16:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_919	Find life difficult.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S

Table A1-243: Exploratory Sample - EFA16:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1350	Look at the bright side of life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S

Table A1-244: Replication Sample - EFA16:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-245: Exploratory Sample - EFA16:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-246: Replication Sample - EFA16:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-247: Exploratory Sample - EFA16:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_2036	Yell at people.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL

Table A1-248: Replication Sample - EFA16:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-249: Exploratory Sample - EFA16:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-250: Replication Sample - EFA16:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1780	Take risks that could cause trouble for me	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL

Table A1-251: Exploratory Sample - EFA16:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_704	Dont pretend to be more than I am.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL

Table A1-252: Replication Sample - EFA16:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL

Table A1-253: Exploratory Sample - EFA16:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-254: Replication Sample - EFA16:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL

Table A1-255: Exploratory Sample - EFA16:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-256: Replication Sample - EFA16:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_429	Can manage many things at the same time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_157	Am more capable than most others.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL

Table A1-257: Exploratory Sample - EFA16:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1327	Like to solve complex problems.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-258: Replication Sample - EFA16:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_82	Am attached to conventional ways.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL

Table A1-259: Exploratory Sample - EFA16:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-260: Replication Sample - EFA16:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_1853	Tremble in dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_479	Cant stand confrontations.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_4280	Worry a lot about my looks.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1446	Need protection.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_332	Become overwhelmed by events.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL

Table A1-261: Exploratory Sample - EFA16:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_67	Am afraid that I will do the wrong thing.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4285	Worry too long after an embarrassing experience.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_469	Cant make up my mind.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL

Table A1-262: Replication Sample - EFA16:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_4268	Worry if I know there are mistakes in my work.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL

Table A1-263: Exploratory Sample - EFA16:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1292	Like to act on a whim.	NULL	NULL	NULL	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-264: Replication Sample - EFA16:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_716	Dont think that Im better than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL

Table A1-265: Exploratory Sample - EFA16:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_132	Am good at many things.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1652	See myself as a good leader.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1694	Set high standards for myself and others.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL

Table A1-266: Replication Sample - EFA16:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_359	Believe that criminals should receive help rather than punishment.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-267: Exploratory Sample - EFA16:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1242	Lack the talent for influencing people.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL

Table A1-268: Replication Sample - EFA16:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_2951	Have a colorful and dramatic way of talking about things.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1395	Make a fool of myself.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_634	Do things that others find strange.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-269: Exploratory Sample - EFA16:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1330	Like to take my time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-270: Replication Sample - EFA16:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1330	Like to take my time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1052	Have a slow pace to my life.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL

Table A1-271: Exploratory Sample - EFA16:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4248	Have enemies who want to harm me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1420	Make people feel uncomfortable.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-272: Replication Sample - EFA16:Factor16

EFA17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_745	Enjoy being part of a loud crowd.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_314	Avoid crowds.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL

Table A1-273: Exploratory Sample - EFA17:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_4237	Enjoy meeting new people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-274: Replication Sample - EFA17:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL

Table A1-275: Exploratory Sample - EFA17:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1350	Look at the bright side of life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-276: Replication Sample - EFA17:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-277: Exploratory Sample - EFA17:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-278: Replication Sample - EFA17:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-279: Exploratory Sample - EFA17:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-280: Replication Sample - EFA17:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_413	Can be stirred up easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-281: Exploratory Sample - EFA17:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_619	Do things according to a plan.	IPIP100:C	NULL	H:C:PR	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-282: Replication Sample - EFA17:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL

Table A1-283: Exploratory Sample - EFA17:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1215	Know how to get things done.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-284: Replication Sample - EFA17:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-285: Exploratory Sample - EFA17:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_704	Dont pretend to be more than I am.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-286: Replication Sample - EFA17:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-287: Exploratory Sample - EFA17:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-288: Replication Sample - EFA17:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_429	Can manage many things at the same time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_157	Am more capable than most others.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL

Table A1-289: Exploratory Sample - EFA17:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_2775	Am not all that curious about the world.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-290: Replication Sample - EFA17:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_67	Am afraid that I will do the wrong thing.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4268	Worry if I know there are mistakes in my work.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1447	Need reassurance.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4285	Worry too long after an embarrassing experience.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4290	Am easily hurt when people find fault with me or the work I do.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-291: Exploratory Sample - EFA17:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_67	Am afraid that I will do the wrong thing.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_4285	Worry too long after an embarrassing experience.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_184	Am not embarrassed easily.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL

Table A1-292: Replication Sample - EFA17:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_82	Am attached to conventional ways.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_623	Do things by the book.	NULL	NULL	NULL	NULL	MPQ:CO	NULL	NULL	NULL
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_4244	Prefer to go my own way rather than act by the rules.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL

Table A1-293: Exploratory Sample - EFA17:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL

Table A1-294: Replication Sample - EFA17:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_2951	Have a colorful and dramatic way of talking about things.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_1730	Speak softly.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1114	Have little to say.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	PS:P
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL

Table A1-295: Exploratory Sample - EFA17:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1052	Have a slow pace to my life.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1024	Hang around doing nothing.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1330	Like to take my time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_595	Do a lot in my spare time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL

Table A1-296: Replication Sample - EFA17:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_1446	Need protection.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_479	Cant stand confrontations.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL

Table A1-297: Exploratory Sample - EFA17:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-298: Replication Sample - EFA17:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-299: Exploratory Sample - EFA17:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_2951	Have a colorful and dramatic way of talking about things.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_1730	Speak softly.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL

Table A1-300: Replication Sample - EFA17:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_716	Dont think that Im better than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL

Table A1-301: Exploratory Sample - EFA17:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-302: Replication Sample - EFA17:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1330	Like to take my time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1052	Have a slow pace to my life.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1024	Hang around doing nothing.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL

Table A1-303: Exploratory Sample - EFA17:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-304: Replication Sample - EFA17:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_4266	Most things taste the same to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-305: Exploratory Sample - EFA17:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_736	Easily resist temptations.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_4248	Have enemies who want to harm me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-306: Replication Sample - EFA17:Factor17

EFA18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1350	Look at the bright side of life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL

Table A1-307: Exploratory Sample - EFA18:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4237	Enjoy meeting new people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL

Table A1-308: Replication Sample - EFA18:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_314	Avoid crowds.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4292	Like having plenty of bustle and excitement around.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL

Table A1-309: Exploratory Sample - EFA18:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1350	Look at the bright side of life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-310: Replication Sample - EFA18:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-311: Exploratory Sample - EFA18:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_2036	Yell at people.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL

Table A1-312: Replication Sample - EFA18:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-313: Exploratory Sample - EFA18:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-314: Replication Sample - EFA18:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_2036	Yell at people.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL

Table A1-315: Exploratory Sample - EFA18:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_931	Follow a schedule.	IPIP100:C	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_619	Do things according to a plan.	IPIP100:C	NULL	H:C:PR	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-316: Replication Sample - EFA18:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_429	Can manage many things at the same time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_132	Am good at many things.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-317: Exploratory Sample - EFA18:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-318: Replication Sample - EFA18:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-319: Exploratory Sample - EFA18:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_704	Dont pretend to be more than I am.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL

Table A1-320: Replication Sample - EFA18:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_393	Believe there is never an excuse for lying.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-321: Exploratory Sample - EFA18:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_598	Do crazy things.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:C6:CA	NULL	NULL

Table A1-322: Replication Sample - EFA18:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-323: Exploratory Sample - EFA18:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_2775	Am not all that curious about the world.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL

Table A1-324: Replication Sample - EFA18:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1643	Say little.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1795	Talk a lot.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1114	Have little to say.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	PS:P
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_1730	Speak softly.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1742	Start conversations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-325: Exploratory Sample - EFA18:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-326: Replication Sample - EFA18:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_82	Am attached to conventional ways.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_623	Do things by the book.	NULL	NULL	NULL	NULL	MPQ:CO	NULL	NULL	NULL
q_4244	Prefer to go my own way rather than act by the rules.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-327: Exploratory Sample - EFA18:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_67	Am afraid that I will do the wrong thing.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_184	Am not embarrassed easily.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4285	Worry too long after an embarrassing experience.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-328: Replication Sample - EFA18:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_1616	Remain calm under pressure.	NULL	NULL	H:E:A	NULL	NULL	NEO:N6:VU	NULL	NULL
q_85	Am calm even in tense situations.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL

Table A1-329: Exploratory Sample - EFA18:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1052	Have a slow pace to my life.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_4278	Often take on more activities than I have time for.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1024	Hang around doing nothing.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_74	Am always on the go.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-330: Replication Sample - EFA18:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-331: Exploratory Sample - EFA18:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-332: Replication Sample - EFA18:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_331	I become frustrated and angry with people when they dont live up to my expectations.	NULL	NULL	H:A:G	QB6:A	NULL	NULL	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_239	Am quick to judge others.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_549	Demand a lot from others.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_80	Am annoyed by others mistakes.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_4290	Am easily hurt when people find fault with me or the work I do.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL

Table A1-333: Exploratory Sample - EFA18:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_2951	Have a colorful and dramatic way of talking about things.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1730	Speak softly.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1395	Make a fool of myself.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL

Table A1-334: Replication Sample - EFA18:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1292	Like to act on a whim.	NULL	NULL	NULL	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_22	Act impulsively when something is bothering me.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL

Table A1-335: Exploratory Sample - EFA18:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-336: Replication Sample - EFA18:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1330	Like to take my time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1024	Hang around doing nothing.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1052	Have a slow pace to my life.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL

Table A1-337: Exploratory Sample - EFA18:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1694	Set high standards for myself and others.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_4268	Worry if I know there are mistakes in my work.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_142	Am hard to satisfy.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_997	Get upset if others change the way that I have arranged things.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL

Table A1-338: Replication Sample - EFA18:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_716	Dont think that Im better than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_711	Dont strive for elegance in my appearance.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-339: Exploratory Sample - EFA18:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_651	Dont bother worrying about political and social problems.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_1461	Never spend more than I can afford.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL

Table A1-340: Replication Sample - EFA18:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4266	Most things taste the same to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-341: Exploratory Sample - EFA18:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4248	Have enemies who want to harm me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_736	Easily resist temptations.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-342: Replication Sample - EFA18:Factor18

EFA19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4292	Like having plenty of bustle and excitement around.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_314	Avoid crowds.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-343: Exploratory Sample - EFA19:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4237	Enjoy meeting new people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-344: Replication Sample - EFA19:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-345: Exploratory Sample - EFA19:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4273	Often feel listless and tired for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_4288	Often feel lonely.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_919	Find life difficult.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S

Table A1-346: Replication Sample - EFA19:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL

Table A1-347: Exploratory Sample - EFA19:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-348: Replication Sample - EFA19:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_2036	Yell at people.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL

Table A1-349: Exploratory Sample - EFA19:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL

Table A1-350: Replication Sample - EFA19:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-351: Exploratory Sample - EFA19:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_2036	Yell at people.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL

Table A1-352: Replication Sample - EFA19:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-353: Exploratory Sample - EFA19:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_704	Dont pretend to be more than I am.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL

Table A1-354: Replication Sample - EFA19:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_393	Believe there is never an excuse for lying.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_905	Find it difficult to manipulate others.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	NULL

Table A1-355: Exploratory Sample - EFA19:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-356: Replication Sample - EFA19:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_132	Am good at many things.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-357: Exploratory Sample - EFA19:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-358: Replication Sample - EFA19:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1648	See beauty in things that others might not notice.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL

Table A1-359: Exploratory Sample - EFA19:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_2775	Am not all that curious about the world.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL

Table A1-360: Replication Sample - EFA19:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1643	Say little.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1795	Talk a lot.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1114	Have little to say.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	PS:P
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_1730	Speak softly.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_740	Engage in discussions.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P

Table A1-361: Exploratory Sample - EFA19:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-362: Replication Sample - EFA19:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4244	Prefer to go my own way rather than act by the rules.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_82	Am attached to conventional ways.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-363: Exploratory Sample - EFA19:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-364: Replication Sample - EFA19:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_1616	Remain calm under pressure.	NULL	NULL	H:E:A	NULL	NULL	NEO:N6:VU	NULL	NULL

Table A1-365: Exploratory Sample - EFA19:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1292	Like to act on a whim.	NULL	NULL	NULL	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL

Table A1-366: Replication Sample - EFA19:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-367: Exploratory Sample - EFA19:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1043	Have a lot of fun.	NULL	BFAS:E:E	H:X:L	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_2951	Have a colorful and dramatic way of talking about things.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1709	Smile a lot.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-368: Replication Sample - EFA19:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_997	Get upset if others change the way that I have arranged things.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL

Table A1-369: Exploratory Sample - EFA19:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1992	Would be afraid to give a speech in public.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_1768	Take charge.	IPIP100:E	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_1769	Take control of things.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_131	Am good at making impromptu speeches.	NULL	NULL	H:X:SB	NULL	MPQ:SP	NULL	NULL	PS:P
q_184	Am not embarrassed easily.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1730	Speak softly.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1151	Hold back my opinions.	NULL	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_2161	Do not have an assertive personality.	NULL	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-370: Replication Sample - EFA19:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4285	Worry too long after an embarrassing experience.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4290	Am easily hurt when people find fault with me or the work I do.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1652	See myself as a good leader.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_114	Am easily intimidated.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1447	Need reassurance.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL

Table A1-371: Exploratory Sample - EFA19:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1694	Set high standards for myself and others.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4268	Worry if I know there are mistakes in my work.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_997	Get upset if others change the way that I have arranged things.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-372: Replication Sample - EFA19:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1292	Like to act on a whim.	NULL	NULL	NULL	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1488	Often make last-minute plans.	NULL	NULL	NULL	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4278	Often take on more activities than I have time for.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-373: Exploratory Sample - EFA19:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1175	Just know that I will be a success.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	NULL
q_1652	See myself as a good leader.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_1042	Have a high opinion of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1830	Think highly of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P

Table A1-374: Replication Sample - EFA19:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4266	Most things taste the same to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_56	Am able to control my cravings.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-375: Exploratory Sample - EFA19:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-376: Replication Sample - EFA19:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_121	Am easy to satisfy.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_651	Dont bother worrying about political and social problems.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_1787	Take things as they come.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_6	Accept people as they are.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL

Table A1-377: Exploratory Sample - EFA19:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_67	Am afraid that I will do the wrong thing.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_4278	Often take on more activities than I have time for.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4285	Worry too long after an embarrassing experience.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-378: Replication Sample - EFA19:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_716	Dont think that Im better than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-379: Exploratory Sample - EFA19:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_736	Easily resist temptations.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-380: Replication Sample - EFA19:Factor19

EFA20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_745	Enjoy being part of a loud crowd.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL

Table A1-381: Exploratory Sample - EFA20:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_4237	Enjoy meeting new people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-382: Replication Sample - EFA20:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL

Table A1-383: Exploratory Sample - EFA20:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4273	Often feel listless and tired for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_4288	Often feel lonely.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_824	Feel desperate.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	PS:S

Table A1-384: Replication Sample - EFA20:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1764	Sympathize with the homeless.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-385: Exploratory Sample - EFA20:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-386: Replication Sample - EFA20:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4235	Am an irritable person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-387: Exploratory Sample - EFA20:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_2036	Yell at people.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL

Table A1-388: Replication Sample - EFA20:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-389: Exploratory Sample - EFA20:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-390: Replication Sample - EFA20:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-391: Exploratory Sample - EFA20:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL

Table A1-392: Replication Sample - EFA20:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL

Table A1-393: Exploratory Sample - EFA20:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_804	Face danger confidently.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-394: Replication Sample - EFA20:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_132	Am good at many things.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-395: Exploratory Sample - EFA20:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_2775	Am not all that curious about the world.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-396: Replication Sample - EFA20:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1648	See beauty in things that others might not notice.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL

Table A1-397: Exploratory Sample - EFA20:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_905	Find it difficult to manipulate others.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	NULL

Table A1-398: Replication Sample - EFA20:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_901	Find it difficult to approach others.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NEO:N4:SC	NULL	NULL
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_184	Am not embarrassed easily.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1652	See myself as a good leader.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_3090	When with a group have difficulties selecting a good topic to talk about.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1055	Have a strong personality.	NULL	BFAS:E:A	H:X:SB	NULL	NULL	NULL	NULL	PS:P

Table A1-399: Exploratory Sample - EFA20:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-400: Replication Sample - EFA20:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_4244	Prefer to go my own way rather than act by the rules.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-401: Exploratory Sample - EFA20:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-402: Replication Sample - EFA20:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_997	Get upset if others change the way that I have arranged things.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-403: Exploratory Sample - EFA20:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-404: Replication Sample - EFA20:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-405: Exploratory Sample - EFA20:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-406: Replication Sample - EFA20:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1024	Hang around doing nothing.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1052	Have a slow pace to my life.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_74	Am always on the go.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-407: Exploratory Sample - EFA20:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_549	Demand a lot from others.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_4290	Am easily hurt when people find fault with me or the work I do.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL

Table A1-408: Replication Sample - EFA20:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_507	Choose my words with care.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_45	Always know why I do things.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL

Table A1-409: Exploratory Sample - EFA20:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1043	Have a lot of fun.	NULL	BFAS:E:E	H:X:L	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL

Table A1-410: Replication Sample - EFA20:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_332	Become overwhelmed by events.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL

Table A1-411: Exploratory Sample - EFA20:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1768	Take charge.	IPIP100:E	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1769	Take control of things.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1992	Would be afraid to give a speech in public.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_184	Am not embarrassed easily.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_2161	Do not have an assertive personality.	NULL	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	NULL
q_131	Am good at making impromptu speeches.	NULL	NULL	H:X:SB	NULL	MPQ:SP	NULL	NULL	PS:P
q_740	Engage in discussions.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S

Table A1-412: Replication Sample - EFA20:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1709	Smile a lot.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-413: Exploratory Sample - EFA20:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1175	Just know that I will be a success.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	NULL
q_1042	Have a high opinion of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1830	Think highly of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-414: Replication Sample - EFA20:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_716	Dont think that Im better than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_698	Dont mind being the center of attention.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P

Table A1-415: Exploratory Sample - EFA20:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL

Table A1-416: Replication Sample - EFA20:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_531	Contradict others.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_1461	Never spend more than I can afford.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1420	Make people feel uncomfortable.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-417: Exploratory Sample - EFA20:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL

Table A1-418: Replication Sample - EFA20:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
NA									

Table A1-419: Exploratory Sample - EFA20:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_736	Easily resist temptations.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1461	Never spend more than I can afford.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-420: Replication Sample - EFA20:Factor20

EFA21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-421: Exploratory Sample - EFA21:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_4237	Enjoy meeting new people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-422: Replication Sample - EFA21:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_745	Enjoy being part of a loud crowd.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_4292	Like having plenty of bustle and excitement around.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-423: Exploratory Sample - EFA21:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-424: Replication Sample - EFA21:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4288	Often feel lonely.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1840	Think that my moods dont change more than most peoples do.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_4282	Have once wished that I were dead.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_497	Change my mood a lot.	IPIP100:ES	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-425: Exploratory Sample - EFA21:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4273	Often feel listless and tired for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_4288	Often feel lonely.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_824	Feel desperate.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	PS:S

Table A1-426: Replication Sample - EFA21:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_2036	Yell at people.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL

Table A1-427: Exploratory Sample - EFA21:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-428: Replication Sample - EFA21:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1643	Say little.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_901	Find it difficult to approach others.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NEO:N4:SC	NULL	NULL
q_740	Engage in discussions.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_712	Dont talk a lot.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1742	Start conversations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1114	Have little to say.	IPIP100:E	NULL	H:X:SB	NULL	MPQ:SP	NEO:E3:AS	NULL	PS:P
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_4226	Am a talkative person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-429: Exploratory Sample - EFA21:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-430: Replication Sample - EFA21:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_804	Face danger confidently.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL

Table A1-431: Exploratory Sample - EFA21:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-432: Replication Sample - EFA21:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_429	Can manage many things at the same time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-433: Exploratory Sample - EFA21:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_804	Face danger confidently.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-434: Replication Sample - EFA21:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_905	Find it difficult to manipulate others.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL

Table A1-435: Exploratory Sample - EFA21:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1292	Like to act on a whim.	NULL	NULL	NULL	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL

Table A1-436: Replication Sample - EFA21:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1397	Make a mess of things.	IPIP100:C	NULL	NULL	NULL	MPQ:CO	NULL	NULL	NULL

Table A1-437: Exploratory Sample - EFA21:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-438: Replication Sample - EFA21:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_191	Am not highly motivated to succeed.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_74	Am always on the go.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL

Table A1-439: Exploratory Sample - EFA21:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_2775	Am not all that curious about the world.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL

Table A1-440: Replication Sample - EFA21:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_45	Always know why I do things.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-441: Exploratory Sample - EFA21:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL

Table A1-442: Replication Sample - EFA21:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-443: Exploratory Sample - EFA21:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_1138	Have sometimes had to tell a lie.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_905	Find it difficult to manipulate others.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_185	Am not good at deceiving other people.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL

Table A1-444: Replication Sample - EFA21:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-445: Exploratory Sample - EFA21:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-446: Replication Sample - EFA21:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1381	Love to daydream.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-447: Exploratory Sample - EFA21:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-448: Replication Sample - EFA21:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1043	Have a lot of fun.	NULL	BFAS:E:E	H:X:L	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL

Table A1-449: Exploratory Sample - EFA21:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1043	Have a lot of fun.	NULL	BFAS:E:E	H:X:L	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_1709	Smile a lot.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-450: Replication Sample - EFA21:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_549	Demand a lot from others.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_331	I become frustrated and angry with people when they dont live up to my expectations.	NULL	NULL	H:A:G	QB6:A	NULL	NULL	NULL	NULL
q_239	Am quick to judge others.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_538	Criticize others shortcomings.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1601	React strongly to criticism.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_4290	Am easily hurt when people find fault with me or the work I do.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL

Table A1-451: Exploratory Sample - EFA21:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1768	Take charge.	IPIP100:E	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1769	Take control of things.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1992	Would be afraid to give a speech in public.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_184	Am not embarrassed easily.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_131	Am good at making impromptu speeches.	NULL	NULL	H:X:SB	NULL	MPQ:SP	NULL	NULL	PS:P
q_740	Engage in discussions.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1151	Hold back my opinions.	NULL	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_2161	Do not have an assertive personality.	NULL	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-452: Replication Sample - EFA21:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1175	Just know that I will be a success.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	NULL
q_1042	Have a high opinion of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_1830	Think highly of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_727	Dont worry about things that have already happened.	NULL	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_1835	Think that all will be well.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-453: Exploratory Sample - EFA21:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_634	Do things that others find strange.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_67	Am afraid that I will do the wrong thing.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL

Table A1-454: Replication Sample - EFA21:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_4268	Worry if I know there are mistakes in my work.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_997	Get upset if others change the way that I have arranged things.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL

Table A1-455: Exploratory Sample - EFA21:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1175	Just know that I will be a success.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	NULL
q_1042	Have a high opinion of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1830	Think highly of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1652	See myself as a good leader.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL

Table A1-456: Replication Sample - EFA21:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_757	Enjoy feeling close to the earth.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL

Table A1-457: Exploratory Sample - EFA21:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1573	Rarely cry during sad movies.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL

Table A1-458: Replication Sample - EFA21:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4248	Have enemies who want to harm me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_880	Feel that people are against me.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S

Table A1-459: Exploratory Sample - EFA21:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_747	Enjoy being thought of as a normal mainstream person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-460: Replication Sample - EFA21:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_716	Dont think that Im better than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1787	Take things as they come.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL

Table A1-461: Exploratory Sample - EFA21:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_736	Easily resist temptations.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_56	Am able to control my cravings.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-462: Replication Sample - EFA21:Factor21

EFA22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_4282	Have once wished that I were dead.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_4288	Often feel lonely.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL

Table A1-463: Exploratory Sample - EFA22:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-464: Replication Sample - EFA22:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_314	Avoid crowds.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL

Table A1-465: Exploratory Sample - EFA22:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1206	Know how to comfort others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-466: Replication Sample - EFA22:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_995	Get upset easily.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL

Table A1-467: Exploratory Sample - EFA22:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4273	Often feel listless and tired for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_4288	Often feel lonely.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_824	Feel desperate.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	PS:S

Table A1-468: Replication Sample - EFA22:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-469: Exploratory Sample - EFA22:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-470: Replication Sample - EFA22:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_804	Face danger confidently.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-471: Exploratory Sample - EFA22:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-472: Replication Sample - EFA22:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_429	Can manage many things at the same time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-473: Exploratory Sample - EFA22:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_4278	Often take on more activities than I have time for.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-474: Replication Sample - EFA22:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_905	Find it difficult to manipulate others.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL

Table A1-475: Exploratory Sample - EFA22:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_804	Face danger confidently.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL

Table A1-476: Replication Sample - EFA22:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_901	Find it difficult to approach others.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NEO:N4:SC	NULL	NULL
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_3090	When with a group have difficulties selecting a good topic to talk about.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_740	Engage in discussions.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_184	Am not embarrassed easily.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_69	Am afraid to draw attention to myself.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_131	Am good at making impromptu speeches.	NULL	NULL	H:X:SB	NULL	MPQ:SP	NULL	NULL	PS:P

Table A1-477: Exploratory Sample - EFA22:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-478: Replication Sample - EFA22:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL

Table A1-479: Exploratory Sample - EFA22:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-480: Replication Sample - EFA22:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_191	Am not highly motivated to succeed.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_74	Am always on the go.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-481: Exploratory Sample - EFA22:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-482: Replication Sample - EFA22:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_507	Choose my words with care.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL

Table A1-483: Exploratory Sample - EFA22:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_316	Avoid difficult reading material.	IPIP100:I	BFAS:O:I	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-484: Replication Sample - EFA22:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_82	Am attached to conventional ways.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-485: Exploratory Sample - EFA22:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-486: Replication Sample - EFA22:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1381	Love to daydream.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL

Table A1-487: Exploratory Sample - EFA22:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-488: Replication Sample - EFA22:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-489: Exploratory Sample - EFA22:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1043	Have a lot of fun.	NULL	BFAS:E:E	H:X:L	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-490: Replication Sample - EFA22:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1709	Smile a lot.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-491: Exploratory Sample - EFA22:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1138	Have sometimes had to tell a lie.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_905	Find it difficult to manipulate others.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL

Table A1-492: Replication Sample - EFA22:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_716	Dont think that Im better than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL

Table A1-493: Exploratory Sample - EFA22:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1768	Take charge.	IPIP100:E	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1769	Take control of things.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1992	Would be afraid to give a speech in public.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_2161	Do not have an assertive personality.	NULL	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	NULL
q_131	Am good at making impromptu speeches.	NULL	NULL	H:X:SB	NULL	MPQ:SP	NULL	NULL	PS:P
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1151	Hold back my opinions.	NULL	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P

Table A1-494: Replication Sample - EFA22:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL

Table A1-495: Exploratory Sample - EFA22:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_634	Do things that others find strange.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_4268	Worry if I know there are mistakes in my work.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-496: Replication Sample - EFA22:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_757	Enjoy feeling close to the earth.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL

Table A1-497: Exploratory Sample - EFA22:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_747	Enjoy being thought of as a normal mainstream person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-498: Replication Sample - EFA22:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1136	Have some bad habits.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-499: Exploratory Sample - EFA22:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-500: Replication Sample - EFA22:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_531	Contradict others.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_238	Quick to correct others.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1163	Insult people.	IPIP100:A	BFAS:A:P	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_1420	Make people feel uncomfortable.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1697	Shoot my mouth off.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S

Table A1-501: Exploratory Sample - EFA22:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_38	Adapt easily to new situations.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL

Table A1-502: Replication Sample - EFA22:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1175	Just know that I will be a success.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL

Table A1-503: Exploratory Sample - EFA22:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1330	Like to take my time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1830	Think highly of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1042	Have a high opinion of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1175	Just know that I will be a success.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	NULL

Table A1-504: Replication Sample - EFA22:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
NA									

Table A1-505: Exploratory Sample - EFA22:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_736	Easily resist temptations.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_56	Am able to control my cravings.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-506: Replication Sample - EFA22:Factor22

EFA23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_4282	Have once wished that I were dead.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4288	Often feel lonely.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL

Table A1-507: Exploratory Sample - EFA23:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-508: Replication Sample - EFA23:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_98	Am deeply moved by others misfortunes.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL

Table A1-509: Exploratory Sample - EFA23:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-510: Replication Sample - EFA23:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_314	Avoid crowds.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4292	Like having plenty of bustle and excitement around.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-511: Exploratory Sample - EFA23:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-512: Replication Sample - EFA23:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-513: Exploratory Sample - EFA23:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_832	Feel healthy and vibrant most of the time.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL
q_1350	Look at the bright side of life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL

Table A1-514: Replication Sample - EFA23:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1521	Postpone decisions.	NULL	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-515: Exploratory Sample - EFA23:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1553	Put little time and effort into my work.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL

Table A1-516: Replication Sample - EFA23:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-517: Exploratory Sample - EFA23:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-518: Replication Sample - EFA23:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_905	Find it difficult to manipulate others.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL

Table A1-519: Exploratory Sample - EFA23:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1054	Have a strong need for power.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-520: Replication Sample - EFA23:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_429	Can manage many things at the same time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-521: Exploratory Sample - EFA23:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-522: Replication Sample - EFA23:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_332	Become overwhelmed by events.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL

Table A1-523: Exploratory Sample - EFA23:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-524: Replication Sample - EFA23:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_507	Choose my words with care.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL

Table A1-525: Exploratory Sample - EFA23:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_67	Am afraid that I will do the wrong thing.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL

Table A1-526: Replication Sample - EFA23:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1301	Like to be viewed as proper and conventional.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-527: Exploratory Sample - EFA23:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-528: Replication Sample - EFA23:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_901	Find it difficult to approach others.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NEO:N4:SC	NULL	NULL
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1410	Make friends easily.	IPIP100:E	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1205	Know how to captivate people.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	PS:P
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_89	Am comfortable in unfamiliar situations.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL

Table A1-529: Exploratory Sample - EFA23:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-530: Replication Sample - EFA23:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1381	Love to daydream.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-531: Exploratory Sample - EFA23:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-532: Replication Sample - EFA23:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-533: Exploratory Sample - EFA23:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1441	Need a creative outlet.	NULL	BFAS:O:O	NULL	NULL	NULL	NULL	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL

Table A1-534: Replication Sample - EFA23:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-535: Exploratory Sample - EFA23:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1709	Smile a lot.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-536: Replication Sample - EFA23:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_698	Dont mind being the center of attention.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL

Table A1-537: Exploratory Sample - EFA23:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1242	Lack the talent for influencing people.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1652	See myself as a good leader.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_1768	Take charge.	IPIP100:E	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1205	Know how to captivate people.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	PS:P
q_455	Can talk others into doing things.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL

Table A1-538: Replication Sample - EFA23:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_140	Am hard to get to know.	IPIP100:A	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL

Table A1-539: Exploratory Sample - EFA23:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_38	Adapt easily to new situations.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL

Table A1-540: Replication Sample - EFA23:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1043	Have a lot of fun.	NULL	BFAS:E:E	H:X:L	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL

Table A1-541: Exploratory Sample - EFA23:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1694	Set high standards for myself and others.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_4268	Worry if I know there are mistakes in my work.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL
q_80	Am annoyed by others mistakes.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL

Table A1-542: Replication Sample - EFA23:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1652	See myself as a good leader.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_191	Am not highly motivated to succeed.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1769	Take control of things.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1768	Take charge.	IPIP100:E	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL

Table A1-543: Exploratory Sample - EFA23:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_747	Enjoy being thought of as a normal mainstream person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL

Table A1-544: Replication Sample - EFA23:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_549	Demand a lot from others.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_331	I become frustrated and angry with people when they dont live up to my expectations.	NULL	NULL	H:A:G	QB6:A	NULL	NULL	NULL	NULL
q_538	Criticize others shortcomings.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_239	Am quick to judge others.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_1924	Want to be liked.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1260	Let myself be influenced by others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL

Table A1-545: Exploratory Sample - EFA23:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_793	Experience my emotions intensely.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1759	Suspect that my facial expressions give me away when I feel sad.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL

Table A1-546: Replication Sample - EFA23:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_757	Enjoy feeling close to the earth.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL

Table A1-547: Exploratory Sample - EFA23:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1697	Shoot my mouth off.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1420	Make people feel uncomfortable.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1663	Seek conflict.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1163	Insult people.	IPIP100:A	BFAS:A:P	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_531	Contradict others.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_238	Quick to correct others.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_479	Cant stand confrontations.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL

Table A1-548: Replication Sample - EFA23:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_316	Avoid difficult reading material.	IPIP100:I	BFAS:O:I	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-549: Exploratory Sample - EFA23:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1330	Like to take my time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_651	Dont bother worrying about political and social problems.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL

Table A1-550: Replication Sample - EFA23:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_531	Contradict others.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_1461	Never spend more than I can afford.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-551: Exploratory Sample - EFA23:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1138	Have sometimes had to tell a lie.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-552: Replication Sample - EFA23:Factor23

EFA24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_745	Enjoy being part of a loud crowd.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL

Table A1-553: Exploratory Sample - EFA24:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1575	Rarely enjoy being with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL

Table A1-554: Replication Sample - EFA24:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL

Table A1-555: Exploratory Sample - EFA24:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-556: Replication Sample - EFA24:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_98	Am deeply moved by others misfortunes.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1053	Have a soft heart.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-557: Exploratory Sample - EFA24:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-558: Replication Sample - EFA24:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_4288	Often feel lonely.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4282	Have once wished that I were dead.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL

Table A1-559: Exploratory Sample - EFA24:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1553	Put little time and effort into my work.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL

Table A1-560: Replication Sample - EFA24:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-561: Exploratory Sample - EFA24:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-562: Replication Sample - EFA24:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-563: Exploratory Sample - EFA24:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4288	Often feel lonely.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_832	Feel healthy and vibrant most of the time.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-564: Replication Sample - EFA24:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_334	Begin to panic when there is danger.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL

Table A1-565: Exploratory Sample - EFA24:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1894	Use flattery to get ahead.	NULL	NULL	H:H:S	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_917	Find it necessary to please the people who have power.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-566: Replication Sample - EFA24:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_393	Believe there is never an excuse for lying.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL

Table A1-567: Exploratory Sample - EFA24:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-568: Replication Sample - EFA24:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_429	Can manage many things at the same time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-569: Exploratory Sample - EFA24:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_334	Begin to panic when there is danger.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL

Table A1-570: Replication Sample - EFA24:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-571: Exploratory Sample - EFA24:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-572: Replication Sample - EFA24:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_507	Choose my words with care.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S

Table A1-573: Exploratory Sample - EFA24:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-574: Replication Sample - EFA24:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL

Table A1-575: Exploratory Sample - EFA24:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-576: Replication Sample - EFA24:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_698	Dont mind being the center of attention.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL

Table A1-577: Exploratory Sample - EFA24:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-578: Replication Sample - EFA24:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_901	Find it difficult to approach others.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1205	Know how to captivate people.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	PS:P
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_3090	When with a group have difficulties selecting a good topic to talk about.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_131	Am good at making impromptu speeches.	NULL	NULL	H:X:SB	NULL	MPQ:SP	NULL	NULL	PS:P

Table A1-579: Exploratory Sample - EFA24:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1709	Smile a lot.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-580: Replication Sample - EFA24:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-581: Exploratory Sample - EFA24:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_608	Do not enjoy watching dance performances.	NULL	NULL	H:O:A	NULL	NULL	NEO:O2:AI	NULL	NULL

Table A1-582: Replication Sample - EFA24:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_4278	Often take on more activities than I have time for.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_191	Am not highly motivated to succeed.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_74	Am always on the go.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL

Table A1-583: Exploratory Sample - EFA24:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_140	Am hard to get to know.	IPIP100:A	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-584: Replication Sample - EFA24:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_1063	Have an eye for detail.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-585: Exploratory Sample - EFA24:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1205	Know how to captivate people.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	PS:P
q_1242	Lack the talent for influencing people.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1652	See myself as a good leader.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_3090	When with a group have difficulties selecting a good topic to talk about.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL

Table A1-586: Replication Sample - EFA24:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_140	Am hard to get to know.	IPIP100:A	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL

Table A1-587: Exploratory Sample - EFA24:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_747	Enjoy being thought of as a normal mainstream person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL

Table A1-588: Replication Sample - EFA24:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1043	Have a lot of fun.	NULL	BFAS:E:E	H:X:L	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL

Table A1-589: Exploratory Sample - EFA24:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_38	Adapt easily to new situations.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-590: Replication Sample - EFA24:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_757	Enjoy feeling close to the earth.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL

Table A1-591: Exploratory Sample - EFA24:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1587	Rarely look for a deeper meaning in things.	NULL	NULL	NULL	NULL	MPQ:AB	NULL	NULL	NULL

Table A1-592: Replication Sample - EFA24:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1151	Hold back my opinions.	NULL	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1055	Have a strong personality.	NULL	BFAS:E:A	H:X:SB	NULL	NULL	NULL	NULL	PS:P

Table A1-593: Exploratory Sample - EFA24:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1697	Shoot my mouth off.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1663	Seek conflict.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1420	Make people feel uncomfortable.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1163	Insult people.	IPIP100:A	BFAS:A:P	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_479	Cant stand confrontations.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_238	Quick to correct others.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL

Table A1-594: Replication Sample - EFA24:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_4248	Have enemies who want to harm me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-595: Exploratory Sample - EFA24:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_651	Dont bother worrying about political and social problems.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL

Table A1-596: Replication Sample - EFA24:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1175	Just know that I will be a success.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	NULL
q_316	Avoid difficult reading material.	IPIP100:I	BFAS:O:I	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL

Table A1-597: Exploratory Sample - EFA24:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_1694	Set high standards for myself and others.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL
q_1474	Often eat too much.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-598: Replication Sample - EFA24:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL

Table A1-599: Exploratory Sample - EFA24:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1138	Have sometimes had to tell a lie.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_185	Am not good at deceiving other people.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL

Table A1-600: Replication Sample - EFA24:Factor24

EFA25

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_314	Avoid crowds.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-601: Exploratory Sample - EFA25:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1575	Rarely enjoy being with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL

Table A1-602: Replication Sample - EFA25:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_98	Am deeply moved by others misfortunes.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1764	Sympathize with the homeless.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-603: Exploratory Sample - EFA25:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1307	Like to do things for others.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-604: Replication Sample - EFA25:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL

Table A1-605: Exploratory Sample - EFA25:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-606: Replication Sample - EFA25:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_4282	Have once wished that I were dead.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_919	Find life difficult.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S

Table A1-607: Exploratory Sample - EFA25:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL

Table A1-608: Replication Sample - EFA25:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-609: Exploratory Sample - EFA25:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-610: Replication Sample - EFA25:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1521	Postpone decisions.	NULL	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-611: Exploratory Sample - EFA25:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_4288	Often feel lonely.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4273	Often feel listless and tired for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4282	Have once wished that I were dead.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-612: Replication Sample - EFA25:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_393	Believe there is never an excuse for lying.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-613: Exploratory Sample - EFA25:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-614: Replication Sample - EFA25:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_334	Begin to panic when there is danger.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_4258	Would call myself tense or highly-strung.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-615: Exploratory Sample - EFA25:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL

Table A1-616: Replication Sample - EFA25:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_507	Choose my words with care.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL

Table A1-617: Exploratory Sample - EFA25:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1292	Like to act on a whim.	NULL	NULL	NULL	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL

Table A1-618: Replication Sample - EFA25:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_429	Can manage many things at the same time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_559	Detect mistakes.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL

Table A1-619: Exploratory Sample - EFA25:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1054	Have a strong need for power.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-620: Replication Sample - EFA25:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4244	Prefer to go my own way rather than act by the rules.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-621: Exploratory Sample - EFA25:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-622: Replication Sample - EFA25:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1232	Know that my ideas sometimes surprise people.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-623: Exploratory Sample - EFA25:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1709	Smile a lot.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-624: Replication Sample - EFA25:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_698	Dont mind being the center of attention.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-625: Exploratory Sample - EFA25:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-626: Replication Sample - EFA25:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_901	Find it difficult to approach others.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NEO:N4:SC	NULL	NULL
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_1205	Know how to captivate people.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	PS:P
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1410	Make friends easily.	IPIP100:E	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_89	Am comfortable in unfamiliar situations.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL

Table A1-627: Exploratory Sample - EFA25:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_63	Am able to stand up for myself.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1768	Take charge.	IPIP100:E	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_2161	Do not have an assertive personality.	NULL	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	NULL
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_455	Can talk others into doing things.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1242	Lack the talent for influencing people.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_1151	Hold back my opinions.	NULL	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL

Table A1-628: Replication Sample - EFA25:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-629: Exploratory Sample - EFA25:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_964	Get deeply immersed in music.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-630: Replication Sample - EFA25:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1374	Love order and regularity.	IPIP100:C	NULL	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1063	Have an eye for detail.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL

Table A1-631: Exploratory Sample - EFA25:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-632: Replication Sample - EFA25:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL

Table A1-633: Exploratory Sample - EFA25:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_393	Believe there is never an excuse for lying.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_1747	Steal things.	NULL	NULL	H:H:F	QB6:H	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1138	Have sometimes had to tell a lie.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_404	Break my promises.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL

Table A1-634: Replication Sample - EFA25:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_4278	Often take on more activities than I have time for.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_74	Am always on the go.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_191	Am not highly motivated to succeed.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL

Table A1-635: Exploratory Sample - EFA25:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_140	Am hard to get to know.	IPIP100:A	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-636: Replication Sample - EFA25:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_757	Enjoy feeling close to the earth.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL

Table A1-637: Exploratory Sample - EFA25:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-638: Replication Sample - EFA25:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL

Table A1-639: Exploratory Sample - EFA25:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_747	Enjoy being thought of as a normal mainstream person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL

Table A1-640: Replication Sample - EFA25:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_4266	Most things taste the same to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_141	Am hard to reason with.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_4248	Have enemies who want to harm me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-641: Exploratory Sample - EFA25:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1461	Never spend more than I can afford.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_736	Easily resist temptations.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_56	Am able to control my cravings.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_4248	Have enemies who want to harm me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-642: Replication Sample - EFA25:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_164	Am not always what I appear to be.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_4285	Worry too long after an embarrassing experience.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4225	Often take notice of what people think.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-643: Exploratory Sample - EFA25:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-644: Replication Sample - EFA25:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1151	Hold back my opinions.	NULL	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL

Table A1-645: Exploratory Sample - EFA25:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1507	Pay attention to details.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:CO	NULL	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1063	Have an eye for detail.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_124	Am exacting in my work.	IPIP100:C	NULL	H:C:D	NULL	MPQ:CO	NULL	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL

Table A1-646: Replication Sample - EFA25:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1372	Love luxury.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-647: Exploratory Sample - EFA25:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-648: Replication Sample - EFA25:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1840	Think that my moods dont change more than most peoples do.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_797	Experience very few emotional highs and lows.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL

Table A1-649: Exploratory Sample - EFA25:Factor25

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
NA									

Table A1-650: Replication Sample - EFA25:Factor25

EFA26

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_98	Am deeply moved by others misfortunes.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-651: Exploratory Sample - EFA26:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1575	Rarely enjoy being with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-652: Replication Sample - EFA26:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL

Table A1-653: Exploratory Sample - EFA26:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1307	Like to do things for others.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-654: Replication Sample - EFA26:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_314	Avoid crowds.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_745	Enjoy being part of a loud crowd.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL

Table A1-655: Exploratory Sample - EFA26:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-656: Replication Sample - EFA26:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_4282	Have once wished that I were dead.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_832	Feel healthy and vibrant most of the time.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-657: Exploratory Sample - EFA26:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_520	Complete tasks successfully.	NULL	NULL	H:C:D	NULL	NULL	NEO:C1:SE	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_665	Dont finish the things that I start.	NULL	NULL	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-658: Replication Sample - EFA26:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-659: Exploratory Sample - EFA26:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL

Table A1-660: Replication Sample - EFA26:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1521	Postpone decisions.	NULL	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-661: Exploratory Sample - EFA26:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-662: Replication Sample - EFA26:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_500	Cheat on people who have trusted me.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL

Table A1-663: Exploratory Sample - EFA26:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_22	Act impulsively when something is bothering me.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL

Table A1-664: Replication Sample - EFA26:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL

Table A1-665: Exploratory Sample - EFA26:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4288	Often feel lonely.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4273	Often feel listless and tired for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4282	Have once wished that I were dead.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-666: Replication Sample - EFA26:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1893	Use difficult words.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-667: Exploratory Sample - EFA26:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL

Table A1-668: Replication Sample - EFA26:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4244	Prefer to go my own way rather than act by the rules.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-669: Exploratory Sample - EFA26:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_1054	Have a strong need for power.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-670: Replication Sample - EFA26:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_507	Choose my words with care.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-671: Exploratory Sample - EFA26:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-672: Replication Sample - EFA26:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1232	Know that my ideas sometimes surprise people.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-673: Exploratory Sample - EFA26:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1709	Smile a lot.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-674: Replication Sample - EFA26:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_901	Find it difficult to approach others.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NEO:N4:SC	NULL	NULL
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_131	Am good at making impromptu speeches.	NULL	NULL	H:X:SB	NULL	MPQ:SP	NULL	NULL	PS:P
q_1742	Start conversations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_3090	When with a group have difficulties selecting a good topic to talk about.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_89	Am comfortable in unfamiliar situations.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_4262	Can easily get some life into a dull party.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4257	Usually take the initiative in making new friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-675: Exploratory Sample - EFA26:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_393	Believe there is never an excuse for lying.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1138	Have sometimes had to tell a lie.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL

Table A1-676: Replication Sample - EFA26:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_698	Dont mind being the center of attention.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL

Table A1-677: Exploratory Sample - EFA26:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-678: Replication Sample - EFA26:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-679: Exploratory Sample - EFA26:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-680: Replication Sample - EFA26:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_1063	Have an eye for detail.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1507	Pay attention to details.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:CO	NULL	NULL	NULL

Table A1-681: Exploratory Sample - EFA26:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_608	Do not enjoy watching dance performances.	NULL	NULL	H:O:A	NULL	NULL	NEO:O2:AI	NULL	NULL
q_395	Believe that too much tax money goes to support artists.	NULL	NULL	NULL	NULL	NULL	NEO:O6:LI	NULL	NULL

Table A1-682: Replication Sample - EFA26:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL

Table A1-683: Exploratory Sample - EFA26:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1587	Rarely look for a deeper meaning in things.	NULL	NULL	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_492	Carry the conversation to a higher level.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	PS:P

Table A1-684: Replication Sample - EFA26:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_4278	Often take on more activities than I have time for.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_74	Am always on the go.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_191	Am not highly motivated to succeed.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL

Table A1-685: Exploratory Sample - EFA26:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_455	Can talk others into doing things.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_63	Am able to stand up for myself.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1242	Lack the talent for influencing people.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1768	Take charge.	IPIP100:E	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_114	Am easily intimidated.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1276	Let people push me around to help them feel important.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL

Table A1-686: Replication Sample - EFA26:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1043	Have a lot of fun.	NULL	BFAS:E:E	H:X:L	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL

Table A1-687: Exploratory Sample - EFA26:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_140	Am hard to get to know.	IPIP100:A	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL

Table A1-688: Replication Sample - EFA26:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_757	Enjoy feeling close to the earth.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL

Table A1-689: Exploratory Sample - EFA26:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL
q_1507	Pay attention to details.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:CO	NULL	NULL	NULL
q_1063	Have an eye for detail.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_124	Am exacting in my work.	IPIP100:C	NULL	H:C:D	NULL	MPQ:CO	NULL	NULL	NULL
q_1694	Set high standards for myself and others.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL

Table A1-690: Replication Sample - EFA26:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_141	Am hard to reason with.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_56	Am able to control my cravings.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1461	Never spend more than I can afford.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_4266	Most things taste the same to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-691: Exploratory Sample - EFA26:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL

Table A1-692: Replication Sample - EFA26:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_164	Am not always what I appear to be.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_4285	Worry too long after an embarrassing experience.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL

Table A1-693: Exploratory Sample - EFA26:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_747	Enjoy being thought of as a normal mainstream person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-694: Replication Sample - EFA26:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1151	Hold back my opinions.	NULL	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_2005	Would hate to be considered odd or strange.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1691	Seldom toot my own horn.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_479	Cant stand confrontations.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL

Table A1-695: Exploratory Sample - EFA26:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1151	Hold back my opinions.	NULL	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL

Table A1-696: Replication Sample - EFA26:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_38	Adapt easily to new situations.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-697: Exploratory Sample - EFA26:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1024	Hang around doing nothing.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL

Table A1-698: Replication Sample - EFA26:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1840	Think that my moods dont change more than most peoples do.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_651	Dont bother worrying about political and social problems.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_797	Experience very few emotional highs and lows.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL

Table A1-699: Exploratory Sample - EFA26:Factor25

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_736	Easily resist temptations.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_56	Am able to control my cravings.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1461	Never spend more than I can afford.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1474	Often eat too much.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-700: Replication Sample - EFA26:Factor25

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1372	Love luxury.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-701: Exploratory Sample - EFA26:Factor26

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
NA									

Table A1-702: Replication Sample - EFA26:Factor26

EFA27

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_98	Am deeply moved by others misfortunes.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-703: Exploratory Sample - EFA27:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1575	Rarely enjoy being with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-704: Replication Sample - EFA27:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-705: Exploratory Sample - EFA27:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-706: Replication Sample - EFA27:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_314	Avoid crowds.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_745	Enjoy being part of a loud crowd.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL

Table A1-707: Exploratory Sample - EFA27:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-708: Replication Sample - EFA27:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_820	Feel comfortable with myself.	NULL	BFAS:N:W	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL
q_4282	Have once wished that I were dead.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-709: Exploratory Sample - EFA27:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_665	Dont finish the things that I start.	NULL	NULL	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_520	Complete tasks successfully.	NULL	NULL	H:C:D	NULL	NULL	NEO:C1:SE	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_491	Carry out my plans.	NULL	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-710: Replication Sample - EFA27:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-711: Exploratory Sample - EFA27:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_832	Feel healthy and vibrant most of the time.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_820	Feel comfortable with myself.	NULL	BFAS:N:W	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL

Table A1-712: Replication Sample - EFA27:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL

Table A1-713: Exploratory Sample - EFA27:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-714: Replication Sample - EFA27:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_500	Cheat on people who have trusted me.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL

Table A1-715: Exploratory Sample - EFA27:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL

Table A1-716: Replication Sample - EFA27:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL

Table A1-717: Exploratory Sample - EFA27:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_22	Act impulsively when something is bothering me.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL

Table A1-718: Replication Sample - EFA27:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_786	Excel in what I do.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C1:SE	NULL	NULL

Table A1-719: Exploratory Sample - EFA27:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1054	Have a strong need for power.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL

Table A1-720: Replication Sample - EFA27:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1232	Know that my ideas sometimes surprise people.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-721: Exploratory Sample - EFA27:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-722: Replication Sample - EFA27:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_507	Choose my words with care.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL

Table A1-723: Exploratory Sample - EFA27:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_157	Am more capable than most others.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-724: Replication Sample - EFA27:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_698	Dont mind being the center of attention.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_364	Believe that I am better than others.	NULL	BFAS:A:P	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-725: Exploratory Sample - EFA27:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_393	Believe there is never an excuse for lying.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_1138	Have sometimes had to tell a lie.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL

Table A1-726: Replication Sample - EFA27:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL

Table A1-727: Exploratory Sample - EFA27:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1709	Smile a lot.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL

Table A1-728: Replication Sample - EFA27:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_623	Do things by the book.	NULL	NULL	NULL	NULL	MPQ:CO	NULL	NULL	NULL
q_1657	See that rules are observed.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_4244	Prefer to go my own way rather than act by the rules.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4291	It is better to follow societys rules than to go my own way.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-729: Exploratory Sample - EFA27:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-730: Replication Sample - EFA27:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_901	Find it difficult to approach others.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NEO:N4:SC	NULL	NULL
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_131	Am good at making impromptu speeches.	NULL	NULL	H:X:SB	NULL	MPQ:SP	NULL	NULL	PS:P
q_89	Am comfortable in unfamiliar situations.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_184	Am not embarrassed easily.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1742	Start conversations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_3090	When with a group have difficulties selecting a good topic to talk about.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_740	Engage in discussions.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P

Table A1-731: Exploratory Sample - EFA27:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-732: Replication Sample - EFA27:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-733: Exploratory Sample - EFA27:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_63	Am able to stand up for myself.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_455	Can talk others into doing things.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1768	Take charge.	IPIP100:E	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1242	Lack the talent for influencing people.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_2161	Do not have an assertive personality.	NULL	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL

Table A1-734: Replication Sample - EFA27:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1043	Have a lot of fun.	NULL	BFAS:E:E	H:X:L	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1709	Smile a lot.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-735: Exploratory Sample - EFA27:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1232	Know that my ideas sometimes surprise people.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-736: Replication Sample - EFA27:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL

Table A1-737: Exploratory Sample - EFA27:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_140	Am hard to get to know.	IPIP100:A	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL

Table A1-738: Replication Sample - EFA27:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_757	Enjoy feeling close to the earth.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL

Table A1-739: Exploratory Sample - EFA27:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1587	Rarely look for a deeper meaning in things.	NULL	NULL	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL

Table A1-740: Replication Sample - EFA27:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_164	Am not always what I appear to be.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_4285	Worry too long after an embarrassing experience.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL

Table A1-741: Exploratory Sample - EFA27:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_608	Do not enjoy watching dance performances.	NULL	NULL	H:O:A	NULL	NULL	NEO:O2:AI	NULL	NULL
q_395	Believe that too much tax money goes to support artists.	NULL	NULL	NULL	NULL	NULL	NEO:O6:LI	NULL	NULL

Table A1-742: Replication Sample - EFA27:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4278	Often take on more activities than I have time for.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_74	Am always on the go.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1519	Plunge into tasks with all my heart.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1694	Set high standards for myself and others.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL
q_142	Am hard to satisfy.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL

Table A1-743: Exploratory Sample - EFA27:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL
q_1507	Pay attention to details.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:CO	NULL	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1063	Have an eye for detail.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_124	Am exacting in my work.	IPIP100:C	NULL	H:C:D	NULL	MPQ:CO	NULL	NULL	NULL
q_1694	Set high standards for myself and others.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL

Table A1-744: Replication Sample - EFA27:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1461	Never spend more than I can afford.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_56	Am able to control my cravings.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-745: Exploratory Sample - EFA27:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_38	Adapt easily to new situations.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-746: Replication Sample - EFA27:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1691	Seldom toot my own horn.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1151	Hold back my opinions.	NULL	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_2005	Would hate to be considered odd or strange.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_319	Avoid imposing my will on others.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-747: Exploratory Sample - EFA27:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_747	Enjoy being thought of as a normal mainstream person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_2005	Would hate to be considered odd or strange.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-748: Replication Sample - EFA27:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_38	Adapt easily to new situations.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_4274	Like doing things in which I have to act quickly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-749: Exploratory Sample - EFA27:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_797	Experience very few emotional highs and lows.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_793	Experience my emotions intensely.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_174	Am not easily affected by my emotions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL

Table A1-750: Replication Sample - EFA27:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1372	Love luxury.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1052	Have a slow pace to my life.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL

Table A1-751: Exploratory Sample - EFA27:Factor25

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1024	Hang around doing nothing.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_1052	Have a slow pace to my life.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_1280	Let things proceed at their own pace.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-752: Replication Sample - EFA27:Factor25

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1840	Think that my moods dont change more than most peoples do.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_651	Dont bother worrying about political and social problems.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_797	Experience very few emotional highs and lows.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL

Table A1-753: Exploratory Sample - EFA27:Factor26

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_736	Easily resist temptations.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_56	Am able to control my cravings.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1461	Never spend more than I can afford.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1474	Often eat too much.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-754: Replication Sample - EFA27:Factor26

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_395	Believe that too much tax money goes to support artists.	NULL	NULL	NULL	NULL	NULL	NEO:O6:LI	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1373	Love my enemies.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-755: Exploratory Sample - EFA27:Factor27

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1373	Love my enemies.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL

Table A1-756: Replication Sample - EFA27:Factor27

EFA28

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_98	Am deeply moved by others misfortunes.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-757: Exploratory Sample - EFA28:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1575	Rarely enjoy being with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL

Table A1-758: Replication Sample - EFA28:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1575	Rarely enjoy being with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_744	Enjoy being part of a group.	NULL	NULL	H:X:S	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL

Table A1-759: Exploratory Sample - EFA28:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1307	Like to do things for others.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL

Table A1-760: Replication Sample - EFA28:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL

Table A1-761: Exploratory Sample - EFA28:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL

Table A1-762: Replication Sample - EFA28:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_4282	Have once wished that I were dead.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1042	Have a high opinion of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-763: Exploratory Sample - EFA28:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_665	Dont finish the things that I start.	NULL	NULL	H:C:O	NULL	NULL	NULL	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_930	Finish what I start.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_520	Complete tasks successfully.	NULL	NULL	H:C:D	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-764: Replication Sample - EFA28:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-765: Exploratory Sample - EFA28:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_727	Dont worry about things that have already happened.	NULL	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL

Table A1-766: Replication Sample - EFA28:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL

Table A1-767: Exploratory Sample - EFA28:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_832	Feel healthy and vibrant most of the time.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-768: Replication Sample - EFA28:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_500	Cheat on people who have trusted me.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL

Table A1-769: Exploratory Sample - EFA28:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-770: Replication Sample - EFA28:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_519	Complete my duties as soon as possible.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1521	Postpone decisions.	NULL	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_706	Dont put my mind on the task at hand.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-771: Exploratory Sample - EFA28:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1292	Like to act on a whim.	NULL	NULL	NULL	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL

Table A1-772: Replication Sample - EFA28:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_786	Excel in what I do.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C1:SE	NULL	NULL

Table A1-773: Exploratory Sample - EFA28:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1054	Have a strong need for power.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL

Table A1-774: Replication Sample - EFA28:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_507	Choose my words with care.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL

Table A1-775: Exploratory Sample - EFA28:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1218	Know immediately what to do.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1600	React slowly.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL

Table A1-776: Replication Sample - EFA28:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_698	Dont mind being the center of attention.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_2025	Would not enjoy being a famous celebrity.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-777: Exploratory Sample - EFA28:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-778: Replication Sample - EFA28:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1232	Know that my ideas sometimes surprise people.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-779: Exploratory Sample - EFA28:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-780: Replication Sample - EFA28:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-781: Exploratory Sample - EFA28:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-782: Replication Sample - EFA28:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_623	Do things by the book.	NULL	NULL	NULL	NULL	MPQ:CO	NULL	NULL	NULL
q_1657	See that rules are observed.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_4244	Prefer to go my own way rather than act by the rules.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4291	It is better to follow societys rules than to go my own way.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-783: Exploratory Sample - EFA28:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-784: Replication Sample - EFA28:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-785: Exploratory Sample - EFA28:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_393	Believe there is never an excuse for lying.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_1138	Have sometimes had to tell a lie.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1747	Steal things.	NULL	NULL	H:H:F	QB6:H	NULL	NULL	NULL	NULL

Table A1-786: Replication Sample - EFA28:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_901	Find it difficult to approach others.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NEO:N4:SC	NULL	NULL
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_131	Am good at making impromptu speeches.	NULL	NULL	H:X:SB	NULL	MPQ:SP	NULL	NULL	PS:P
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_89	Am comfortable in unfamiliar situations.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_740	Engage in discussions.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1742	Start conversations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_184	Am not embarrassed easily.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL

Table A1-787: Exploratory Sample - EFA28:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_63	Am able to stand up for myself.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1768	Take charge.	IPIP100:E	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1242	Lack the talent for influencing people.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_2161	Do not have an assertive personality.	NULL	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	NULL
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_455	Can talk others into doing things.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL

Table A1-788: Replication Sample - EFA28:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1043	Have a lot of fun.	NULL	BFAS:E:E	H:X:L	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-789: Exploratory Sample - EFA28:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1232	Know that my ideas sometimes surprise people.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-790: Replication Sample - EFA28:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_140	Am hard to get to know.	IPIP100:A	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL

Table A1-791: Exploratory Sample - EFA28:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_140	Am hard to get to know.	IPIP100:A	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL

Table A1-792: Replication Sample - EFA28:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_757	Enjoy feeling close to the earth.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1388	Love to read challenging material.	IPIP100:I	NULL	H:O:I	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-793: Exploratory Sample - EFA28:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_608	Do not enjoy watching dance performances.	NULL	NULL	H:O:A	NULL	NULL	NEO:O2:AI	NULL	NULL
q_964	Get deeply immersed in music.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL

Table A1-794: Replication Sample - EFA28:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_4278	Often take on more activities than I have time for.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_74	Am always on the go.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1519	Plunge into tasks with all my heart.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_191	Am not highly motivated to succeed.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_2737	Am a goal-oriented person.	NULL	NULL	NULL	QB6:C	NULL	NULL	NULL	NULL
q_1694	Set high standards for myself and others.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL

Table A1-795: Exploratory Sample - EFA28:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1587	Rarely look for a deeper meaning in things.	NULL	NULL	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL

Table A1-796: Replication Sample - EFA28:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_1601	React strongly to criticism.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_331	I become frustrated and angry with people when they dont live up to my expectations.	NULL	NULL	H:A:G	QB6:A	NULL	NULL	NULL	NULL
q_1775	Take offense easily.	IPIP100:ES	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_576	Dislike loud music.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL
q_538	Criticize others shortcomings.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_2005	Would hate to be considered odd or strange.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_239	Am quick to judge others.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_549	Demand a lot from others.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL

Table A1-797: Exploratory Sample - EFA28:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL
q_1507	Pay attention to details.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:CO	NULL	NULL	NULL
q_1063	Have an eye for detail.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_124	Am exacting in my work.	IPIP100:C	NULL	H:C:D	NULL	MPQ:CO	NULL	NULL	NULL
q_1511	Pay too little attention to details.	NULL	NULL	H:C:PE	QB6:C	NULL	NULL	NULL	NULL

Table A1-798: Replication Sample - EFA28:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1840	Think that my moods dont change more than most peoples do.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_497	Change my mood a lot.	IPIP100:ES	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_797	Experience very few emotional highs and lows.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL

Table A1-799: Exploratory Sample - EFA28:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_966	Get even with others.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_958	Get back at people who insult me.	NULL	NULL	H:A:FO	QB6:A	NULL	NULL	NULL	NULL
q_957	Get back at others.	NULL	NULL	NULL	NULL	MPQ:AG	NEO:A4:CO	NULL	NULL
q_630	Do things out of revenge.	NULL	NULL	NULL	NULL	MPQ:AG	NULL	NULL	NULL
q_1163	Insult people.	IPIP100:A	BFAS:A:P	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_1663	Seek conflict.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_915	Find it hard to forgive others.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1150	Hold a grudge.	NULL	NULL	H:A:FO	NULL	MPQ:AG	NEO:A4:CO	NULL	NULL
q_145	Am inclined to forgive others.	NULL	NULL	H:A:FO	QB6:A	NULL	NULL	NULL	NULL
q_217	Am on good terms with nearly everyone.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-800: Replication Sample - EFA28:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_56	Am able to control my cravings.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-801: Exploratory Sample - EFA28:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_38	Adapt easily to new situations.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-802: Replication Sample - EFA28:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_319	Avoid imposing my will on others.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_238	Quick to correct others.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1670	Seek to influence others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_531	Contradict others.	NULL	NULL	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_1054	Have a strong need for power.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1691	Seldom toot my own horn.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1163	Insult people.	IPIP100:A	BFAS:A:P	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL

Table A1-803: Exploratory Sample - EFA28:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_747	Enjoy being thought of as a normal mainstream person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_2005	Would hate to be considered odd or strange.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_2821	Behave in unusual and strange ways.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S

Table A1-804: Replication Sample - EFA28:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL

Table A1-805: Exploratory Sample - EFA28:Factor25

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1330	Like to take my time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1024	Hang around doing nothing.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL

Table A1-806: Replication Sample - EFA28:Factor25

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_38	Adapt easily to new situations.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL

Table A1-807: Exploratory Sample - EFA28:Factor26

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1679	Seldom feel weepy while reading the sad part of a story.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1573	Rarely cry during sad movies.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1681	Seldom get emotional.	NULL	NULL	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_174	Am not easily affected by my emotions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_797	Experience very few emotional highs and lows.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL

Table A1-808: Replication Sample - EFA28:Factor26

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1372	Love luxury.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-809: Exploratory Sample - EFA28:Factor27

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
NA									

Table A1-810: Replication Sample - EFA28:Factor27

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-811: Exploratory Sample - EFA28:Factor28

Item	IPIP100	BFAS	HEXACO QB6	MPQ	IPIPneo	EPQr	PS
NA							

Table A1-812: Replication Sample - EFA28:Factor28

EFA29

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_98	Am deeply moved by others misfortunes.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1764	Sympathize with the homeless.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-813: Exploratory Sample - EFA29:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1575	Rarely enjoy being with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL

Table A1-814: Replication Sample - EFA29:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1575	Rarely enjoy being with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_744	Enjoy being part of a group.	NULL	NULL	H:X:S	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL

Table A1-815: Exploratory Sample - EFA29:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_965	Get easily agitated.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-816: Replication Sample - EFA29:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL

Table A1-817: Exploratory Sample - EFA29:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1962	Will do anything for others.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1766	Take an interest in other peoples lives.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1792	Take time out for others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-818: Replication Sample - EFA29:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1042	Have a high opinion of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_820	Feel comfortable with myself.	NULL	BFAS:N:W	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL

Table A1-819: Exploratory Sample - EFA29:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_665	Dont finish the things that I start.	NULL	NULL	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_520	Complete tasks successfully.	NULL	NULL	H:C:D	NULL	NULL	NEO:C1:SE	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_491	Carry out my plans.	NULL	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL

Table A1-820: Replication Sample - EFA29:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-821: Exploratory Sample - EFA29:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-822: Replication Sample - EFA29:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_500	Cheat on people who have trusted me.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL

Table A1-823: Exploratory Sample - EFA29:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_727	Dont worry about things that have already happened.	NULL	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL

Table A1-824: Replication Sample - EFA29:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL

Table A1-825: Exploratory Sample - EFA29:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1292	Like to act on a whim.	NULL	NULL	NULL	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL

Table A1-826: Replication Sample - EFA29:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_786	Excel in what I do.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C1:SE	NULL	NULL

Table A1-827: Exploratory Sample - EFA29:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_4273	Often feel listless and tired for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_4277	Often feel life is very dull.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_832	Feel healthy and vibrant most of the time.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL

Table A1-828: Replication Sample - EFA29:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1798	Talk even when I know I shouldnt.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-829: Exploratory Sample - EFA29:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1600	React slowly.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_761	Enjoy intellectual games.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL

Table A1-830: Replication Sample - EFA29:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1521	Postpone decisions.	NULL	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_706	Dont put my mind on the task at hand.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL
q_520	Complete tasks successfully.	NULL	NULL	H:C:D	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-831: Exploratory Sample - EFA29:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1054	Have a strong need for power.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-832: Replication Sample - EFA29:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_698	Dont mind being the center of attention.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_2025	Would not enjoy being a famous celebrity.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-833: Exploratory Sample - EFA29:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-834: Replication Sample - EFA29:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL

Table A1-835: Exploratory Sample - EFA29:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-836: Replication Sample - EFA29:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1232	Know that my ideas sometimes surprise people.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-837: Exploratory Sample - EFA29:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1709	Smile a lot.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-838: Replication Sample - EFA29:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-839: Exploratory Sample - EFA29:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-840: Replication Sample - EFA29:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_623	Do things by the book.	NULL	NULL	NULL	NULL	MPQ:CO	NULL	NULL	NULL
q_1657	See that rules are observed.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_4244	Prefer to go my own way rather than act by the rules.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1609	Rebel against authority.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-841: Exploratory Sample - EFA29:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_393	Believe there is never an excuse for lying.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_1138	Have sometimes had to tell a lie.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1747	Steal things.	NULL	NULL	H:H:F	QB6:H	NULL	NULL	NULL	NULL
q_1808	Tell other people what they want to hear so that they will do what I want them to do.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL

Table A1-842: Replication Sample - EFA29:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1043	Have a lot of fun.	NULL	BFAS:E:E	H:X:L	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-843: Exploratory Sample - EFA29:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1768	Take charge.	IPIP100:E	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_2161	Do not have an assertive personality.	NULL	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	NULL
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_63	Am able to stand up for myself.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1769	Take control of things.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1652	See myself as a good leader.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_1055	Have a strong personality.	NULL	BFAS:E:A	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1276	Let people push me around to help them feel important.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL

Table A1-844: Replication Sample - EFA29:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_901	Find it difficult to approach others.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NEO:N4:SC	NULL	NULL
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_89	Am comfortable in unfamiliar situations.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_131	Am good at making impromptu speeches.	NULL	NULL	H:X:SB	NULL	MPQ:SP	NULL	NULL	PS:P
q_740	Engage in discussions.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1742	Start conversations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_184	Am not embarrassed easily.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_3090	When with a group have difficulties selecting a good topic to talk about.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P

Table A1-845: Exploratory Sample - EFA29:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1232	Know that my ideas sometimes surprise people.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-846: Replication Sample - EFA29:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_140	Am hard to get to know.	IPIP100:A	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL

Table A1-847: Exploratory Sample - EFA29:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_140	Am hard to get to know.	IPIP100:A	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-848: Replication Sample - EFA29:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_757	Enjoy feeling close to the earth.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_964	Get deeply immersed in music.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL

Table A1-849: Exploratory Sample - EFA29:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_608	Do not enjoy watching dance performances.	NULL	NULL	H:O:A	NULL	NULL	NEO:O2:AI	NULL	NULL
q_395	Believe that too much tax money goes to support artists.	NULL	NULL	NULL	NULL	NULL	NEO:O6:LI	NULL	NULL

Table A1-850: Replication Sample - EFA29:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_4278	Often take on more activities than I have time for.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_74	Am always on the go.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1519	Plunge into tasks with all my heart.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1694	Set high standards for myself and others.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL
q_595	Do a lot in my spare time.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_191	Am not highly motivated to succeed.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL

Table A1-851: Exploratory Sample - EFA29:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1587	Rarely look for a deeper meaning in things.	NULL	NULL	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL

Table A1-852: Replication Sample - EFA29:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1840	Think that my moods dont change more than most peoples do.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:S
q_4224	My mood often goes up and down.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_497	Change my mood a lot.	IPIP100:ES	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_52	Am a person whose moods go up and down easily.	NULL	BFAS:N:V	NULL	NULL	NULL	NULL	NULL	NULL
q_1099	Have frequent mood swings.	IPIP100:ES	NULL	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL
q_797	Experience very few emotional highs and lows.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-853: Exploratory Sample - EFA29:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_966	Get even with others.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_957	Get back at others.	NULL	NULL	NULL	NULL	MPQ:AG	NEO:A4:CO	NULL	NULL
q_958	Get back at people who insult me.	NULL	NULL	H:A:FO	QB6:A	NULL	NULL	NULL	NULL
q_630	Do things out of revenge.	NULL	NULL	NULL	NULL	MPQ:AG	NULL	NULL	NULL
q_1163	Insult people.	IPIP100:A	BFAS:A:P	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_1663	Seek conflict.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_915	Find it hard to forgive others.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1150	Hold a grudge.	NULL	NULL	H:A:FO	NULL	MPQ:AG	NEO:A4:CO	NULL	NULL
q_1725	Speak ill of others.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_217	Am on good terms with nearly everyone.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-854: Replication Sample - EFA29:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_56	Am able to control my cravings.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_4266	Most things taste the same to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_141	Am hard to reason with.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_1461	Never spend more than I can afford.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-855: Exploratory Sample - EFA29:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL
q_1507	Pay attention to details.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:CO	NULL	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1063	Have an eye for detail.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL
q_124	Am exacting in my work.	IPIP100:C	NULL	H:C:D	NULL	MPQ:CO	NULL	NULL	NULL
q_1511	Pay too little attention to details.	NULL	NULL	H:C:PE	QB6:C	NULL	NULL	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL

Table A1-856: Replication Sample - EFA29:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_38	Adapt easily to new situations.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-857: Exploratory Sample - EFA29:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_38	Adapt easily to new situations.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-858: Replication Sample - EFA29:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1670	Seek to influence others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_319	Avoid imposing my will on others.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1691	Seldom toot my own horn.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_238	Quick to correct others.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_1769	Take control of things.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1054	Have a strong need for power.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_455	Can talk others into doing things.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1652	See myself as a good leader.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL

Table A1-859: Exploratory Sample - EFA29:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_747	Enjoy being thought of as a normal mainstream person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_2005	Would hate to be considered odd or strange.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-860: Replication Sample - EFA29:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_4232	Often worry about things I should not have done or said.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_2786	Am often worried by things that I said or did.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_1381	Love to daydream.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_164	Am not always what I appear to be.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-861: Exploratory Sample - EFA29:Factor25

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_793	Experience my emotions intensely.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_174	Am not easily affected by my emotions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1573	Rarely cry during sad movies.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_721	Dont understand people who get emotional.	NULL	NULL	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_797	Experience very few emotional highs and lows.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1681	Seldom get emotional.	NULL	NULL	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_979	Get overwhelmed by emotions.	IPIP100:ES	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_539	Cry during movies.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL

Table A1-862: Replication Sample - EFA29:Factor25

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_538	Criticize others shortcomings.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_651	Dont bother worrying about political and social problems.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_6	Accept people as they are.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_1725	Speak ill of others.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_1150	Hold a grudge.	NULL	NULL	H:A:FO	NULL	MPQ:AG	NEO:A4:CO	NULL	NULL
q_576	Dislike loud music.	NULL	NULL	NULL	NULL	NULL	NEO:E5:ES	NULL	NULL

Table A1-863: Exploratory Sample - EFA29:Factor26

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1675	Seldom daydream.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1682	Seldom get lost in thought.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1676	Seldom experience sudden intuitive insights.	NULL	NULL	H:O:C	QB6:O	NULL	NULL	NULL	NULL

Table A1-864: Replication Sample - EFA29:Factor26

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1601	React strongly to criticism.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_1448	Need the approval of others.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_2005	Would hate to be considered odd or strange.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1775	Take offense easily.	IPIP100:ES	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-865: Exploratory Sample - EFA29:Factor27

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1372	Love luxury.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-866: Replication Sample - EFA29:Factor27

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1372	Love luxury.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-867: Exploratory Sample - EFA29:Factor28

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1033	Hate waiting for anything.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_487	Cant stand weak people.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-868: Replication Sample - EFA29:Factor28

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL

Table A1-869: Exploratory Sample - EFA29:Factor29

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
NA									

Table A1-870: Replication Sample - EFA29:Factor29

EFA30

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_851	Feel sympathy for those who are worse off than myself.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1763	Sympathize with others feelings.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_844	Feel others emotions.	IPIP100:A	BFAS:A:C	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_460	Cant be bothered with others needs.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_98	Am deeply moved by others misfortunes.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1764	Sympathize with the homeless.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-871: Exploratory Sample - EFA30:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_4243	Like going out a lot.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1370	Love large parties.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1575	Rarely enjoy being with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_4247	Prefer reading to meeting people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL

Table A1-872: Replication Sample - EFA30:Factor1

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_4300	When my temper rises I find it difficult to control.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL

Table A1-873: Exploratory Sample - EFA30:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_90	Am concerned about others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_253	Am sensitive to the needs of others.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_298	Anticipate the needs of others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1832	Think of others first.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1162	Inquire about others well-being.	IPIP100:A	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1757	Suffer from others sorrows.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL
q_1962	Will do anything for others.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1766	Take an interest in other peoples lives.	NULL	BFAS:A:C	NULL	NULL	NULL	NULL	NULL	NULL
q_1792	Take time out for others.	IPIP100:A	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1385	Love to help others.	IPIP100:A	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL

Table A1-874: Replication Sample - EFA30:Factor2

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1904	Usually like to spend my free time with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1531	Prefer to be alone.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_312	Avoid company.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1671	Seem to derive less enjoyment from interacting with people than others do.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1575	Rarely enjoy being with people.	NULL	NULL	H:X:S	NULL	NULL	NULL	NULL	NULL
q_1899	Usually enjoy being with people.	NULL	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_744	Enjoy being part of a group.	NULL	NULL	H:X:S	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_1923	Want to be left alone.	NULL	NULL	NULL	NULL	MPQ:SC	NEO:E2:GR	NULL	NULL
q_684	Dont like crowded events.	NULL	NULL	NULL	NULL	NULL	NEO:E2:GR	NULL	NULL
q_4267	Like mixing with people.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL

Table A1-875: Exploratory Sample - EFA30:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_952	Get angry easily.	IPIP100:ES	BFAS:N:V	H:A:P	QB6:A	NULL	NEO:N2:ANG	NULL	NULL
q_974	Get irritated easily.	IPIP100:ES	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1683	Seldom get mad.	IPIP100:ES	NULL	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_1357	Lose my temper.	NULL	NULL	H:A:P	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_1585	Rarely get irritated.	IPIP100:ES	BFAS:N:V	H:A:P	NULL	MPQ:AG	NEO:N2:ANG	NULL	NULL
q_176	Am not easily annoyed.	NULL	BFAS:N:V	NULL	NULL	NULL	NEO:N2:ANG	NULL	NULL
q_926	Find that it takes a lot to make me feel angry at someone.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_101	Am easily annoyed.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL
q_1591	Rarely show my anger.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1577	Rarely feel angry with people.	NULL	NULL	H:A:P	NULL	NULL	NULL	NULL	NULL

Table A1-876: Replication Sample - EFA30:Factor3

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_2765	Am happy with my life.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_578	Dislike myself.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:N3:DE	NULL	NULL
q_1371	Love life.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1044	Have a low opinion of myself.	NULL	NULL	NULL	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_1038	Have a dark outlook on the future.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	PS:S
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_4282	Have once wished that I were dead.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL

Table A1-877: Exploratory Sample - EFA30:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1979	Work hard.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_637	Do too little work.	NULL	NULL	H:C:D	NULL	MPQ:AC	NULL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1553	Put little time and effort into my work.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL

Table A1-878: Replication Sample - EFA30:Factor4

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_292	Am willing to take risks.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL

Table A1-879: Exploratory Sample - EFA30:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1306	Like to do frightening things.	NULL	NULL	H:E:F	QB6:H	NULL	NULL	NULL	NULL
q_599	Do dangerous things.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1367	Love dangerous situations.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_1664	Seek danger.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2017	Would never go hang gliding or bungee jumping.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_2018	Would never go riding down a stretch of rapids in a canoe.	NULL	NULL	H:E:F	NULL	NULL	NULL	NULL	NULL
q_315	Avoid dangerous situations.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_1781	Take risks.	NULL	NULL	NULL	NULL	MPQ:HA	NULL	NULL	NULL
q_746	Enjoy being reckless.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL
q_1662	Seek adventure.	NULL	NULL	NULL	NULL	MPQ:HA	NEO:E5:ES	NULL	NULL

Table A1-880: Replication Sample - EFA30:Factor5

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_986	Get stressed out easily.	IPIP100:ES	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL

Table A1-881: Exploratory Sample - EFA30:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4249	Would call myself a nervous person.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1989	Worry about things.	IPIP100:ES	BFAS:N:W	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_4256	Worry about awful things that might happen.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_808	Fear for the worst.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1596	Rarely worry.	NULL	NULL	H:E:A	QB6:ES	NULL	NULL	NULL	NULL
q_4252	Am a worrier.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4287	Suffer from nerves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1495	Often worry about things that turn out to be unimportant.	NULL	NULL	H:E:A	NULL	NULL	NULL	NULL	NULL
q_727	Dont worry about things that have already happened.	NULL	NULL	H:E:A	NULL	MPQ:SR	NEO:N1:ANX	NULL	NULL
q_1505	Panic easily.	IPIP100:ES	NULL	H:E:A	QB6:ES	MPQ:SR	NEO:N6:VU	NULL	NULL

Table A1-882: Replication Sample - EFA30:Factor6

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL
q_1896	Use others for my own ends.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_500	Cheat on people who have trusted me.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_1765	Take advantage of others.	NULL	BFAS:A:P	NULL	NULL	NULL	NEO:A2:MO	NULL	NULL
q_404	Break my promises.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL

Table A1-883: Exploratory Sample - EFA30:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1292	Like to act on a whim.	NULL	NULL	NULL	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL

Table A1-884: Replication Sample - EFA30:Factor7

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_35	Act without thinking.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_1173	Jump into things without thinking.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4276	Often make decisions on the spur of the moment.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1638	Rush into things.	NULL	NULL	NULL	NULL	NULL	NEO:C6:CA	NULL	NULL
q_636	Do things without thinking of the consequences.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_4286	Generally look before I leap.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1424	Make rash decisions.	NULL	NULL	H:C:PR	NULL	MPQ:CO	NEO:C6:CA	NULL	NULL
q_4223	Stop to think things over before doing anything.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4270	People have said that I sometimes act rashly.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_708	Dont see the consequences of things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL

Table A1-885: Exploratory Sample - EFA30:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1578	Rarely feel depressed.	NULL	BFAS:N:W	H:E:A	NULL	NULL	NULL	NULL	NULL
q_4228	Sometimes feel just miserable for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_206	Am often down in the dumps.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1479	Often feel blue.	IPIP100:ES	NULL	H:X:L	NULL	MPQ:WB	NEO:N3:DE	NULL	NULL
q_4273	Often feel listless and tired for no reason.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_811	Feel a sense of worthlessness or hopelessness.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_4277	Often feel life is very dull.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_4282	Have once wished that I were dead.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_1677	Seldom feel blue.	IPIP100:ES	BFAS:N:W	NULL	NULL	MPQ:SR	NEO:N3:DE	NULL	NULL
q_832	Feel healthy and vibrant most of the time.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-886: Replication Sample - EFA30:Factor8

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_515	Come up with good solutions.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_786	Excel in what I do.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C1:SE	NULL	NULL

Table A1-887: Exploratory Sample - EFA30:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_240	Am quick to understand things.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_1253	Learn things slowly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_422	Can handle a lot of information.	IPIP100:I	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_493	Catch on to things quickly.	IPIP100:I	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1235	Know the answers to many questions.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1834	Think quickly.	NULL	BFAS:O:I	NULL	NULL	NULL	NULL	NULL	NULL
q_722	Dont understand things.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_423	Can handle complex problems.	NULL	NULL	NULL	NULL	NULL	NEO:N6:VU	NULL	NULL
q_761	Enjoy intellectual games.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_1050	Have a rich vocabulary.	IPIP100:I	BFAS:O:I	H:O:I	QB6:O	NULL	NEO:O5:IN	NULL	NULL

Table A1-888: Replication Sample - EFA30:Factor9

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL

Table A1-889: Exploratory Sample - EFA30:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_381	Believe that people are essentially evil.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL

Table A1-890: Replication Sample - EFA30:Factor10

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_904	Find it difficult to get down to work.	IPIP100:C	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1744	Start tasks right away.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1087	Have difficulty starting tasks.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_985	Get started quickly on doing a job.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_992	Get to work at once.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_1452	Neglect my duties.	IPIP100:C	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_1444	Need a push to get started.	NULL	NULL	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_602	Do just enough work to get by.	NULL	NULL	H:C:D	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1521	Postpone decisions.	NULL	BFAS:C:I	NULL	NULL	NULL	NEO:C5:SD	NULL	NULL
q_706	Dont put my mind on the task at hand.	NULL	BFAS:C:I	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-891: Exploratory Sample - EFA30:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1517	Play a role in order to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_2008	Would like to have more power than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1054	Have a strong need for power.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL

Table A1-892: Replication Sample - EFA30:Factor11

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4289	Trust people to mainly tell the truth.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1855	Trust what people say.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1854	Trust others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_377	Believe that others have good intentions.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_871	Feel that most people cant be trusted.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_379	Believe that people are basically moral.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_594	Distrust people.	NULL	NULL	H:A:FO	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_1758	Suspect hidden motives in others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL
q_343	Believe in human goodness.	NULL	NULL	NULL	NULL	NULL	NEO:A1:TR	NULL	NULL
q_286	Am wary of others.	NULL	NULL	NULL	NULL	MPQ:AL	NEO:A1:TR	NULL	NULL

Table A1-893: Exploratory Sample - EFA30:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1201	Keep things tidy.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NULL	NULL	NULL
q_1254	Leave a mess in my room.	IPIP100:C	NULL	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_1333	Like to tidy up.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1483	Often forget to put things back in their proper place.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1255	Leave my belongings around.	IPIP100:C	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_962	Get chores done right away.	IPIP100:C	NULL	H:C:O	NULL	NULL	NEO:C5:SD	NULL	NULL
q_170	Am not bothered by messy people.	NULL	BFAS:C:O	NULL	NULL	NULL	NEO:C2:OR	NULL	NULL
q_1290	Like order.	IPIP100:C	BFAS:C:O	H:C:O	QB6:C	NULL	NEO:C2:OR	NULL	NULL
q_169	Am not bothered by disorder.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_4254	Good manners and cleanliness matter to me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-894: Replication Sample - EFA30:Factor12

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1416	Make myself the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1296	Like to attract attention.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_565	Dislike being the center of attention.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1027	Hate being the center of attention.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_690	Dont like to draw attention to myself.	IPIP100:E	NULL	H:X:E	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1555	Put on a show to impress people.	NULL	NULL	H:H:S	NULL	NULL	NULL	NULL	NULL
q_698	Dont mind being the center of attention.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_1667	Seek status.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_1871	Try to impress others.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL
q_154	Am likely to show off if I get the chance.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL

Table A1-895: Exploratory Sample - EFA30:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1685	Seldom joke around.	NULL	NULL	NULL	QB6:X	NULL	NEO:E6:CH	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4295	Other people think of me as being very lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1709	Smile a lot.	NULL	NULL	H:X:L	NULL	NULL	NULL	NULL	NULL

Table A1-896: Replication Sample - EFA30:Factor13

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_1867	Try to follow the rules.	NULL	NULL	H:H:F	NULL	NULL	NEO:C3:DU	NULL	PS:S
q_1752	Stick to the rules.	NULL	NULL	NULL	QB6:H	NULL	NEO:A2:MO	NULL	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1657	See that rules are observed.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_623	Do things by the book.	NULL	NULL	NULL	NULL	MPQ:CO	NULL	NULL	NULL
q_4244	Prefer to go my own way rather than act by the rules.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_4291	It is better to follow societys rules than to go my own way.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-897: Exploratory Sample - EFA30:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_369	Believe laws should be strictly enforced.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4236	People should always respect the law.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_398	Believe that we should be tough on crime.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1624	Respect authority.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL

Table A1-898: Replication Sample - EFA30:Factor14

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_901	Find it difficult to approach others.	IPIP100:E	NULL	H:X:SB	NULL	NULL	NEO:N4:SC	NULL	NULL
q_158	Am never at a loss for words.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_241	Am quiet around strangers.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_131	Am good at making impromptu speeches.	NULL	NULL	H:X:SB	NULL	MPQ:SP	NULL	NULL	PS:P
q_89	Am comfortable in unfamiliar situations.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_740	Engage in discussions.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1742	Start conversations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	NULL
q_184	Am not embarrassed easily.	NULL	BFAS:N:W	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_3090	When with a group have difficulties selecting a good topic to talk about.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P

Table A1-899: Exploratory Sample - EFA30:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1812	Tell the truth.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_4296	Tell a lot of lies.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_2853	Cannot imagine lying or cheating.	NULL	NULL	NULL	QB6:H	NULL	NULL	NULL	NULL
q_2021	Would never take things that arent mine.	NULL	NULL	H:H:F	QB6:H	MPQ:AG	NULL	NULL	NULL
q_393	Believe there is never an excuse for lying.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1138	Have sometimes had to tell a lie.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_2003	Would feel very badly for a long time if I were to steal from someone.	NULL	NULL	H:H:F	NULL	NULL	NULL	NULL	NULL
q_1747	Steal things.	NULL	NULL	H:H:F	QB6:H	NULL	NULL	NULL	NULL
q_404	Break my promises.	NULL	NULL	NULL	NULL	NULL	NEO:C3:DU	NULL	NULL
q_501	Cheat to get ahead.	NULL	NULL	H:H:F	NULL	MPQ:AG	NEO:A2:MO	NULL	NULL

Table A1-900: Replication Sample - EFA30:Factor15

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1232	Know that my ideas sometimes surprise people.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-901: Exploratory Sample - EFA30:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1913	Wait for others to lead the way.	IPIP100:E	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1768	Take charge.	IPIP100:E	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1769	Take control of things.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1110	Have leadership abilities.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	PS:P
q_2161	Do not have an assertive personality.	NULL	BFAS:E:A	NULL	NULL	NULL	NULL	NULL	NULL
q_1652	See myself as a good leader.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_63	Am able to stand up for myself.	NULL	NULL	NULL	NULL	NULL	NEO:N4:SC	NULL	NULL
q_1992	Would be afraid to give a speech in public.	NULL	NULL	H:X:SB	NULL	NULL	NULL	NULL	NULL
q_1055	Have a strong personality.	NULL	BFAS:E:A	H:X:SB	NULL	NULL	NULL	NULL	PS:P

Table A1-902: Replication Sample - EFA30:Factor16

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_71	Am always busy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1984	Work too much.	NULL	NULL	NULL	NULL	MPQ:AC	NULL	NULL	NULL
q_4278	Often take on more activities than I have time for.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_74	Am always on the go.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1550	Push myself very hard to succeed.	NULL	NULL	H:C:D	NULL	NULL	NULL	NULL	NULL
q_191	Am not highly motivated to succeed.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1519	Plunge into tasks with all my heart.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1329	Like to take it easy.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_604	Do more than whats expected of me.	NULL	NULL	NULL	NULL	MPQ:AC	NEO:C4:AS	NULL	NULL
q_1694	Set high standards for myself and others.	NULL	NULL	NULL	NULL	NULL	NEO:C4:AS	NULL	NULL

Table A1-903: Exploratory Sample - EFA30:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_140	Am hard to get to know.	IPIP100:A	BFAS:E:E	H:X:S	NULL	MPQ:SC	NEO:E1:FR	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_586	Dislike talking about myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL

Table A1-904: Replication Sample - EFA30:Factor17

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1243	Laugh a lot.	NULL	BFAS:E:E	H:X:L	QB6:X	NULL	NULL	NULL	NULL
q_1248	Laugh my way through life.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_296	Amuse my friends.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1244	Laugh aloud.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1064	Have an intense boisterous laugh.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_4265	Like telling jokes and funny stories to my friends.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_175	Am not easily amused.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL
q_1043	Have a lot of fun.	NULL	BFAS:E:E	H:X:L	NULL	MPQ:WB	NEO:E6:CH	NULL	NULL
q_4230	Am rather lively.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:E	NULL
q_799	Express childlike joy.	NULL	NULL	NULL	NULL	NULL	NEO:E6:CH	NULL	NULL

Table A1-905: Exploratory Sample - EFA30:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_128	Am full of ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2745	Am able to come up with new and different ideas.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_516	Come up with something new.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_2754	Am an original thinker.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1058	Have a vivid imagination.	IPIP100:I	NULL	H:O:C	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_1090	Have excellent ideas.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1392	Love to think up new ways of doing things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_609	Do not have a good imagination.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1232	Know that my ideas sometimes surprise people.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_1083	Have difficulty imagining things.	IPIP100:I	NULL	H:O:C	NULL	NULL	NEO:O1:IM	NULL	NULL

Table A1-906: Replication Sample - EFA30:Factor18

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_219	Am open about my feelings.	NULL	NULL	NULL	NULL	MPQ:SC	NULL	NULL	NULL
q_1081	Have difficulty expressing my feelings.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_403	Bottle up my feelings.	IPIP100:E	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_1635	Reveal little about myself.	NULL	BFAS:E:E	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1706	Show my sadness.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL
q_803	Express myself easily.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1810	Tell people about it when Im irritated.	NULL	NULL	H:X:E	NULL	NULL	NULL	NULL	NULL
q_55	Am a very private person.	IPIP100:E	NULL	NULL	QB6:X	NULL	NULL	NULL	NULL
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1668	Seek support.	NULL	NULL	H:E:D	NULL	NULL	NULL	NULL	NULL

Table A1-907: Exploratory Sample - EFA30:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_608	Do not enjoy watching dance performances.	NULL	NULL	H:O:A	NULL	NULL	NEO:O2:AI	NULL	NULL
q_395	Believe that too much tax money goes to support artists.	NULL	NULL	NULL	NULL	NULL	NEO:O6:LI	NULL	NULL

Table A1-908: Replication Sample - EFA30:Factor19

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_348	Believe in the importance of art.	NULL	BFAS:O:O	H:O:A	QB6:O	MPQ:TR	NEO:O2:AI	NULL	NULL
q_610	Do not like art.	NULL	NULL	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_607	Do not enjoy going to art museums.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_1132	Have read the great literary classics.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_612	Do not like poetry.	NULL	BFAS:O:O	H:O:A	NULL	MPQ:AB	NEO:O2:AI	NULL	NULL
q_776	Enjoy the beauty of nature.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL
q_964	Get deeply immersed in music.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_757	Enjoy feeling close to the earth.	NULL	NULL	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1687	Seldom notice the emotional aspects of paintings and pictures.	NULL	BFAS:O:O	H:O:A	NULL	NULL	NULL	NULL	NULL
q_1369	Love flowers.	NULL	NULL	NULL	NULL	NULL	NEO:O2:AI	NULL	NULL

Table A1-909: Exploratory Sample - EFA30:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_778	Enjoy thinking about things.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_197	Am not interested in theoretical discussions.	NULL	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_322	Avoid philosophical discussions.	NULL	BFAS:O:I	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL
q_1587	Rarely look for a deeper meaning in things.	NULL	NULL	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_194	Am not interested in abstract ideas.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O5:IN	NULL	NULL

Table A1-910: Replication Sample - EFA30:Factor20

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_319	Avoid imposing my will on others.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_1691	Seldom toot my own horn.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1670	Seek to influence others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_1769	Take control of things.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_455	Can talk others into doing things.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_238	Quick to correct others.	NULL	NULL	NULL	QB6:A	NULL	NULL	NULL	NULL
q_1872	Try to lead others.	NULL	NULL	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL
q_1652	See myself as a good leader.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL

Table A1-911: Exploratory Sample - EFA30:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_530	Continue until everything is perfect.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:AC	NULL	NULL	NULL
q_571	Dislike imperfect work.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1915	Want every detail taken care of.	NULL	BFAS:C:O	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1507	Pay attention to details.	IPIP100:C	NULL	H:C:PE	NULL	MPQ:CO	NULL	NULL	NULL
q_1063	Have an eye for detail.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1916	Want everything to add up perfectly.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL
q_1917	Want everything to be just right.	NULL	BFAS:C:O	H:C:O	NULL	NULL	NEO:C2:OR	NULL	NULL
q_124	Am exacting in my work.	IPIP100:C	NULL	H:C:D	NULL	MPQ:CO	NULL	NULL	NULL
q_1511	Pay too little attention to details.	NULL	NULL	H:C:PE	QB6:C	NULL	NULL	NULL	NULL
q_554	Demand quality.	NULL	NULL	H:C:PE	NULL	NULL	NEO:C4:AS	NULL	NULL

Table A1-912: Replication Sample - EFA30:Factor21

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_38	Adapt easily to new situations.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-913: Exploratory Sample - EFA30:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_747	Enjoy being thought of as a normal mainstream person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_2005	Would hate to be considered odd or strange.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL

Table A1-914: Replication Sample - EFA30:Factor22

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1389	Love to reflect on things.	NULL	BFAS:O:O	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_1738	Spend time reflecting on things.	IPIP100:I	NULL	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1880	Try to understand myself.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1310	Like to get lost in thought.	NULL	NULL	NULL	NULL	MPQ:AB	NEO:O1:IM	NULL	NULL
q_755	Enjoy examining myself and my life.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1675	Seldom daydream.	NULL	BFAS:O:O	NULL	NULL	NULL	NEO:O1:IM	NULL	NULL
q_1587	Rarely look for a deeper meaning in things.	NULL	NULL	NULL	NULL	MPQ:AB	NULL	NULL	NULL
q_164	Am not always what I appear to be.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL

Table A1-915: Exploratory Sample - EFA30:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1146	Have trouble guessing how others will react.	NULL	NULL	H:O:C	NULL	NULL	NULL	NULL	NULL
q_1420	Make people feel uncomfortable.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_1045	Have a natural talent for influencing people.	NULL	NULL	NULL	NULL	MPQ:SP	NULL	NULL	PS:P
q_1435	Misjudge situations.	NULL	NULL	NULL	NULL	NULL	NEO:C1:SE	NULL	NULL
q_254	Am skilled in handling social situations.	IPIP100:E	NULL	NULL	NULL	NULL	NULL	NULL	PS:P
q_1242	Lack the talent for influencing people.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NULL	NULL	NULL
q_1395	Make a fool of myself.	NULL	NULL	H:C:PR	NULL	NULL	NULL	NULL	NULL
q_455	Can talk others into doing things.	NULL	BFAS:E:A	NULL	NULL	MPQ:SP	NEO:E3:AS	NULL	NULL
q_3090	When with a group have difficulties selecting a good topic to talk about.	NULL	NULL	NULL	NULL	NULL	NULL	NULL	PS:P

Table A1-916: Replication Sample - EFA30:Factor23

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4279	There are several people who keep trying to avoid me.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-917: Exploratory Sample - EFA30:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1573	Rarely cry during sad movies.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_174	Am not easily affected by my emotions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_4239	My feelings are easily hurt.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:N	NULL
q_793	Experience my emotions intensely.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1589	Rarely notice my emotional reactions.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL
q_721	Dont understand people who get emotional.	NULL	NULL	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_539	Cry during movies.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_1681	Seldom get emotional.	NULL	NULL	H:E:S	NULL	NULL	NEO:O3:EM	NULL	NULL
q_1679	Seldom feel weepy while reading the sad part of a story.	NULL	NULL	H:E:S	NULL	NULL	NULL	NULL	NULL
q_797	Experience very few emotional highs and lows.	NULL	NULL	NULL	NULL	NULL	NEO:O3:EM	NULL	NULL

Table A1-918: Replication Sample - EFA30:Factor24

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1474	Often eat too much.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_56	Am able to control my cravings.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1120	Have never engaged in gossip.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_1009	Go on binges.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1384	Love to eat.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL

Table A1-919: Exploratory Sample - EFA30:Factor25

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_566	Dislike changes.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_689	Dont like the idea of change.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_1542	Prefer variety to routine.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_47	Am a creature of habit.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_39	Adjust easily.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL
q_38	Adapt easily to new situations.	NULL	NULL	NULL	NULL	NULL	NEO:N1:ANX	NULL	NULL
q_1540	Prefer to stick with things that I know.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL
q_77	Am always ready to start afresh.	NULL	NULL	NULL	NULL	MPQ:UV	NULL	NULL	NULL
q_582	Dislike routine.	NULL	BFAS:C:O	NULL	NULL	NULL	NULL	NULL	NULL
q_1303	Like to begin new things.	NULL	NULL	NULL	NULL	NULL	NEO:O4:AD	NULL	NULL

Table A1-920: Replication Sample - EFA30:Factor25

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1653	See myself as an average person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_152	Am just an ordinary person.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL
q_1300	Like to be thought of as a normal kind of person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_525	Consider myself an average person.	NULL	NULL	H:H:M	NULL	NULL	NEO:A5:MO	NULL	NULL
q_747	Enjoy being thought of as a normal mainstream person.	NULL	NULL	H:O:U	NULL	NULL	NULL	NULL	NULL
q_716	Dont think that Im better than other people.	NULL	NULL	H:H:M	NULL	NULL	NULL	NULL	NULL

Table A1-921: Exploratory Sample - EFA30:Factor26

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1042	Have a high opinion of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_1830	Think highly of myself.	NULL	NULL	NULL	NULL	NULL	NEO:A5:MO	NULL	NULL
q_285	Am very pleased with myself.	NULL	NULL	NULL	NULL	NULL	NEO:N3:DE	NULL	NULL
q_1175	Just know that I will be a success.	NULL	NULL	NULL	NULL	MPQ:WB	NULL	NULL	NULL
q_79	Am an extraordinary person.	NULL	NULL	NULL	QB6:O	NULL	NULL	NULL	NULL

Table A1-922: Replication Sample - EFA30:Factor26

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_651	Dont bother worrying about political and social problems.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_538	Criticize others shortcomings.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_923	Find political discussions interesting.	NULL	NULL	H:O:I	NULL	NULL	NULL	NULL	NULL
q_6	Accept people as they are.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_1725	Speak ill of others.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_1537	Prefer to just let things happen.	NULL	NULL	H:C:PE	NULL	NULL	NULL	NULL	NULL

Table A1-923: Exploratory Sample - EFA30:Factor27

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_966	Get even with others.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_958	Get back at people who insult me.	NULL	NULL	H:A:FO	QB6:A	NULL	NULL	NULL	NULL
q_957	Get back at others.	NULL	NULL	NULL	NULL	MPQ:AG	NEO:A4:CO	NULL	NULL
q_630	Do things out of revenge.	NULL	NULL	NULL	NULL	MPQ:AG	NULL	NULL	NULL
q_1163	Insult people.	IPIP100:A	BFAS:A:P	NULL	NULL	NULL	NEO:A4:CO	NULL	NULL
q_1150	Hold a grudge.	NULL	NULL	H:A:FO	NULL	MPQ:AG	NEO:A4:CO	NULL	NULL
q_915	Find it hard to forgive others.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL
q_1663	Seek conflict.	NULL	BFAS:A:P	NULL	NULL	NULL	NULL	NULL	NULL
q_339	Believe in an eye for an eye.	NULL	NULL	NULL	NULL	NULL	NEO:A6:SY	NULL	NULL

Table A1-924: Replication Sample - EFA30:Factor27

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1151	Hold back my opinions.	NULL	BFAS:E:A	NULL	NULL	NULL	NEO:E3:AS	NULL	NULL

Table A1-925: Exploratory Sample - EFA30:Factor28

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_549	Demand a lot from others.	NULL	NULL	NULL	QB6:ES	NULL	NULL	NULL	NULL
q_6	Accept people as they are.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_538	Criticize others shortcomings.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_239	Am quick to judge others.	NULL	NULL	H:A:G	NULL	NULL	NULL	NULL	NULL
q_331	I become frustrated and angry with people when they dont live up to my expectations.	NULL	NULL	H:A:G	QB6:A	NULL	NULL	NULL	NULL
q_1354	Look down on others.	NULL	NULL	NULL	NULL	NULL	NEO:A3:AL	NULL	NULL
q_80	Am annoyed by others mistakes.	NULL	NULL	H:A:FL	NULL	NULL	NULL	NULL	NULL

Table A1-926: Replication Sample - EFA30:Factor28

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1281	Like a leisurely lifestyle.	NULL	NULL	NULL	NULL	NULL	NEO:E4:AL	NULL	NULL
q_1372	Love luxury.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-927: Exploratory Sample - EFA30:Factor29

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_1462	Never splurge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_56	Am able to control my cravings.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1590	Rarely overindulge.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_736	Easily resist temptations.	NULL	NULL	NULL	NULL	NULL	NEO:N5:IM	NULL	NULL
q_1372	Love luxury.	NULL	NULL	H:H:GA	NULL	NULL	NULL	NULL	NULL

Table A1-928: Replication Sample - EFA30:Factor29

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_660	Dont consider myself religious.	NULL	NULL	NULL	NULL	MPQ:TR	NULL	NULL	NULL
q_345	Believe in one true religion.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1824	Tend to vote for conservative political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1825	Tend to vote for liberal political candidates.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1328	Like to stand during the national anthem.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_4260	Think marriage is old-fashioned and should be done away with.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL
q_394	Believe that there is no absolute right and wrong.	NULL	NULL	NULL	NULL	MPQ:TR	NEO:O6:LI	NULL	NULL
q_1373	Love my enemies.	NULL	NULL	H:A:FO	NULL	NULL	NULL	NULL	NULL

Table A1-929: Exploratory Sample - EFA30:Factor30

	Item	IPIP100	BFAS	HEXACO	QB6	MPQ	IPIPneo	EPQr	PS
q_4233	Dislike people who dont know how to behave themselves.	NULL	NULL	NULL	NULL	NULL	NULL	EPQ:P	NULL

Table A1-930: Replication Sample - EFA30:Factor30

Appendix B

Annotated tables of candidate items

David M. Condon[⋆]

In each of the following figures, the selected items for the facets (Figures A2-1 through A2-27) and factors (Figures A2-28 through A2-32) are highlighted in green. The yellow items are the "secondary" recommendations for each facet/factor. It is generally not the case that the green and yellow highlighted items are the top items in each figure — interspersed among the green and yellow items for most facets/factors are un-highlighted items that have been excluded For these items, I have indicated the rationale behind my decision to omit the items. The reasons include: redundancy with previously selected items for each factor, the use of colloquial language, a lack of overlapping utility for 5 factor assessment, or concerns about the strength of the loadings and consistency of loadings across samples.

⋆This document is an appendix to *The SAPA Personality Inventory*. Correspondence should be directed to david-condon@northwestern.edu, Department of Medical Social Sciences, Northwestern University, Chicago, Illinois. Please use the following citation information: Condon, D.M. (2017). The SAPA Personality Inventory: an empirically-derived, hierarchically-organized self-report personality assessment model.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_90	Am concerned about others.	0.65	1	1	1	1	1	1	1	3.64	3.62	550	8.4	5.6	1.79		
3	q_253	Am sensitive to the needs of others.	0.61	1	1	1	1	1	1	1	3.67	3.6	50	11.42	4.69	2.95		
4	q_1763	Sympathize with others' feelings.	0.57	1	1	1	1	1	1	1	3.76	3.52	200	14.21	12.48	-0.18		
5	q_1757	Suffer from others' sorrows.	0.57	1	1	1	0	0	0	10	2.8	2.91	170	9.87	7	-3.37	not in b5/poor qualitative	
6	q_851	Feel sympathy for those who are worse off than myself.	0.56	1	1	1	1	1	1	1	3.62	3.53	90	11.25	5.97	2.12		
7	q_844	Feel others' emotions.	0.555	1	1	1	1	1	1	1	3.44	3.3	470	9.19	6.58	-0.23	redundant	
8	q_298	Anticipate the needs of others.	0.555	0	1	1	1	1	1	2	3.42	3.27	30	13.22	7.72	-0.33	redundant	
9	q_1832	Think of others first.	0.545	1	1	1	1	1	1	1	3.67	3.7	-80	6.92	2.22	5.67		
10	q_1385	Love to help others.	0.54	1	1	1	0	0	0	10	3.87	3.58	390	6.92	0.9	4.79	not in b5	
11	q_1162	Inquire about others' well-being.	0.535	1	1	1	0	0	1	7	3.48	3.2	-310	14.21	11.82	-0.37	not in b5	
12	q_460	Can't be bothered with other's needs.	0.515	1	1	1	1	1	1	1	3.36	3.02	590	7.72	2.84	-0.51		
13	q_98	Am deeply moved by others' misfortunes.	0.51	1	1	1	1	1	1	1	3.42	3.32	-90	12.63	8.14	0.33		
14	q_1962	Will do anything for others.	0.51	1	1	1	1	1	1	1	3.51	3.49	520	13.22	6.13	-0.63		
15	q_1307	Like to do things for others.	0.505	1	1	1	1	1	1	1	3.82	3.53	480	6.82	1.27	4.04		
16	q_1764	Sympathize with the homeless.	0.495	1	1	1	1	1	1	1	3.75	3.3	-50	12.73	9.76	1.09		
17	q_1766	Take an interest in other people's lives.	0.485	0	1	1	0	0	0	11	3.6	3.35	250	12.26	6.62	0.45		
18	q_1206	Know how to comfort others.	0.475	1	1	1	0	0	1	7	3.7	3.46	390	8	2.99	2.87		
19	q_1792	Take time out for others.	0.47	0	1	1	0	0	1	8	3.55	3.49	260	6.82	1.34	3.55		
20	q_146	Am indifferent to the feelings of others.	0.465	1	1	1	1	1	1	1	3.51	3.38	100	13.11	7.42	0.25		
21	q_195	Am not interested in other people's problems.	0.465	1	1	1	1	1	1	1	3.46	3.28	120	13.95	8.98	-0.98		
22	q_1053	Have a soft heart.	0.46	1	1	1	1	1	1	1	3.46	3.45	-30	5.45	-1.17	5.09		

Figure A2-1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_952	Get angry easily.	0.695	1	1	1	0	0	0	10	3.52	3.22	70	14.01	5.46	0.1		
3	q_1357	Lose my temper.	0.665	1	1	1	0	1	1	4	3.71	3.34	70	7.22	0.3	4.56		
4	q_926	...[T]akes a lot to make me feel angry at someone.	0.66	1	1	1	0	0	0	10	3.55	3.52	720	8.11	2.47	1.34	redundant/not in b5	
5	q_1585	Rarely get irritated.	0.635	1	1	1	1	1	1	1	3.55	3.18	80	15.98	9.98	-1.62		
6	q_1683	Seldom get mad.	0.625	0	1	1	1	1	1	2	3.64	3.12	420	7.22	0.3	2.34		
7	q_1591	Rarely show my anger.	0.62	0	1	1	0	0	1	8	3.82	3.04	530	8.4	2.29	1.63	redundant/not in b5	
8	q_974	Get irritated easily.	0.615	1	1	1	1	1	1	1	3.55	3.2	800	15.09	9.53	-3.74	redundant/poor qualitative	
9	q_176	Am not easily annoyed.	0.59	1	1	1	1	1	1	1	3.4	3.17	-30	12.73	5.12	0.26		
10	q_1577	Rarely feel angry with people.	0.59	1	1	1	0	0	1	7	3.51	3.07	350	9.18	5.17	0.12	redundant/not in b5	
11	q_101	Am easily annoyed.	0.565	1	1	1	0	0	1	7	3.81	3.07	360	14.01	6.34	-0.38	redundant/not in b5	
12	q_4300	When my temper rises, I find it difficult to control.	0.555	1	1	1	0	0	1	7	3.45	3.54	560	12.43	6.03	-0.61		
13	q_965	Get easily agitated.	0.54	1	1	1	1	1	1	1	3.65	3.22	70	15.09	8.65	-0.45		
14	q_4235	Am an irritable person.	0.525	1	1	1	0	0	0	10	3.52	2.73	460	14.21	6.52	-3.12		
15	q_2036	Yell at people.	0.51	1	1	1	0	0	1	7	3.57	2.84	-180	7.22	0.3	3.31		
16	q_995	Get upset easily.	0.505	1	1	1	1	1	1	1	3.55	3.27	80	14.01	5.46	0.35		
17	q_413	Can be stirred up easily.	0.475	1	1	1	1	1	1	1	3.28	2.89	30	8	1.93	0.87		
18	q_1588	Rarely lose my composure.	0.455	1	1	1	1	1	1	1	3.57	3.44	330	12.73	7.11	0.06		
19	q_177	Am not easily bothered by things.	0.385	0	1	1	1	1	1	2	3.5	3.33	210	11.65	5.45	0.57		
20	q_1099	Have frequent mood swings.	0.38	0	0	0	1	1	1	13	3.58	3.31	290	6.92	4.87	2.13		
21	q_1184	Keep my cool.	0.37	1	1	1	1	1	1	1	3.53	3.29	-80	5.25	-2.45	5.44		
22	q_278	Am usually a patient person.	0.365	1	1	1	1	1	1	1	3.78	3.47	80	13.22	6.13	2.01		

Figure A2-2: label 27_2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1904	Usually like to spend my free time with people.	0.605	0	1	1	1	1	1	2	3.58	3.16	70	11.25	5.3	1.04		
3	q_312	Avoid company.	0.6	1	1	1	1	1	1	1	3.28	2.88	170	10.96	6.11	-1.56		
4	q_684	Don't like crowded events.	0.595	1	1	1	1	1	1	1	3.75	2.77	100	6.82	1.87	2.6		
5	q_4243	Like going out a lot.	0.56	0	1	1	1	1	1	2	3.23	2.81	650	6.82	-0.78	-0.78		
6	q_1899	Usually enjoy being with people.	0.555	0	1	1	1	1	1	2	3.66	3.6	380	14.4	8.83	-0.17	redundant	
7	q_1531	Prefer to be alone.	0.555	0	1	1	1	1	1	2	3.89	3.19	290	6.92	0.23	4.18	redundant	
8	q_1923	Want to be left alone.	0.545	1	1	1	1	1	1	1	3.63	3.31	140	5.64	-0.84	4.63		
9	q_1370	Love large parties.	0.545	0	1	1	1	1	1	2	3.73	2.64	450	7.22	3.83	0.28	content & salience concerns	
10	q_4247	Prefer reading to meeting people.	0.535	0	1	1	1	1	1	2	3.52	3.23	530	10.36	7.35	-0.86		
11	q_4267	Like mixing with people.	0.53	0	1	1	1	1	1	2	3.12	3.12	520	8.4	4.28	-1.52		
12	q_1671	[Enjoy interactions less than others].	0.525	1	1	1	1	1	1	1	3.22	3.08	150	14.98	10.25	-3.33	content & qualitative concern	
13	q_314	Avoid crowds.	0.52	1	1	1	1	1	1	1	3.78	2.88	300	5.06	1.83	2.9		
14	q_1575	Rarely enjoy being with people.	0.51	0	1	1	1	1	1	2	3.45	3.41	540	10.36	6.29	-0.38		
15	q_745	Enjoy being part of a loud crowd.	0.505	1	1	1	1	1	1	1	3.39	2.7	370	7.72	1.7	-0.32		
16	q_313	Avoid contacts with others.	0.505	1	1	1	1	1	1	1	3.38	3	290	8.4	6.27	-0.46		
17	q_744	Enjoy being part of a group.	0.495	1	1	1	1	1	1	1	3.63	3.12	140	7.81	1.32	2.87		
18	q_1666	Seek quiet.	0.475	1	1	1	1	1	1	1	3.4	2.95	130	8.01	0.66	1.51		
19	q_4237	Enjoy meeting new people.	0.465	0	1	1	1	1	1	2	3.8	3.35	700	9.87	5.68	0.64		
20	q_819	Feel comfortable around people.	0.45	0	0	1	1	1	1	3	3.71	3.42	310	14.21	11.82	-0.93		
21	q_1379	Love to chat.	0.445	1	1	1	1	1	1	1	3.67	2.72	-200	5.25	-2.45	4.69		
22	q_4292	Like having plenty of bustle and excitement around.	0.445	1	1	1	1	1	1	1	3.26	2.71	660	12.77	8.88	-5.12		

Figure A2-3: label 27_3

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank	
2	q_578	Dislike myself.	0.56	1	1	1	1	1	1	1	3.49	3.27	310	10.96	7.43	-0.28	
3	q_811	Feel a sense of worthlessness or hopelessness.	0.555	1	1	1	1	1	1	1	3.48	3.15	180	9.41	7.46	0.23	
4	q_285	Am very pleased with myself.	0.53	1	1	1	0	0	0	10	3.49	3.25	-60	6.82	2.93	3.3	not in b5
5	q_2765	Am happy with my life.	0.525	1	1	1	0	0	1	7	3.76	3.56	360	6.82	-0.25	4.68	
6	q_1371	Love life.	0.49	1	1	1	1	1	1	1	3.66	3.38	100	5.06	-2.14	5.61	
7	q_1044	Have a low opinion of myself.	0.475	1	1	1	1	1	1	1	3.33	3.4	110	7.81	1.76	2.47	redundant
8	q_206	Am often down in the dumps.	0.475	1	1	1	1	1	1	1	3.62	3.18	160	6.82	0.39	3.47	colloquialism
9	q_820	Feel comfortable with myself.	0.455	1	1	1	1	1	1	1	3.68	3.56	150	14.21	10.49	0.27	
10	q_1038	Have a dark outlook on the future.	0.44	0	1	1	0	0	0	11	3.5	2.85	110	7.72	2.08	1.44	
11	q_1578	Rarely feel depressed.	0.44	1	1	1	1	1	1	1	3.62	3.33	440	9.19	7.46	0.52	
12	q_1479	Often feel blue.	0.435	1	1	1	1	1	1	1	3.52	2.9	120	7.22	1.18	2.01	colloquialism
13	q_832	Feel healthy and vibrant most of the time.	0.42	1	1	1	0	0	0	10	3.59	3.33	20	6.97	3	3.63	
14	q_4282	Have once wished that I were dead.	0.415	1	1	1	1	1	1	1	3.24	2.91	860	6.03	1.24	-1.42	confidentiality issues
15	q_1042	Have a high opinion of myself.	0.41	1	1	1	0	0	0	10	3.58	3.2	-110	7.81	2.2	3.58	
16	q_875	Feel that my life lacks direction.	0.395	0	0	1	0	0	0	12	3.54	3.02	-90	7.81	3.97	2.36	
17	q_4288	Often feel lonely.	0.395	1	1	1	1	1	1	1	3.8	3.33	630	9.19	3.93	1.45	
18	q_4228	Sometimes feel "just miserable" for no reason.	0.395	1	1	1	1	1	1	1	3.35	2.92	790	13.11	8.56	-4.58	
19	q_1350	Look at the bright side of life.	0.395	1	1	1	0	0	0	10	3.8	3.55	120	6.03	0.48	5.73	
20	q_824	Feel desperate.	0.39	1	1	1	1	1	1	1	3.05	2.69	-120	10.96	7.43	-2.4	
21	q_4277	Often feel life is very dull.	0.385	1	1	1	0	0	1	7	3.51	2.9	610	6.82	1.27	0.33	
22	q_1830	Think highly of myself.	0.38	1	1	1	0	0	0	10	3.82	3.28	170	8.4	3.62	3.33	

Figure A2-4: label 27_4

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1367	Love dangerous situations.	0.69	1	1	1	1	1	1	1	3.52	3.06	390	15.09	13.94	-3.9		
3	q_599	Do dangerous things.	0.67	1	1	1	0	0	1	7	3.31	3	420	9.19	5.7	-1.31	not in b5/redundant	
4	q_1306	Like to do frightening things.	0.665	1	1	1	0	0	0	10	3.12	2.87	50	8	4.58	-0.57	not in b5/content concern	
5	q_1664	Seek danger.	0.655	1	1	1	1	1	1	1	3.12	2.9	-70	8.01	1.99	0.57		
6	q_2017	Would never go hang gliding or bungee jumping.	0.605	1	1	1	0	0	0	10	3.71	2.27	510	9.18	5.43	-2.14	not in b5/content concern	
7	q_2018	[Never go down rapids in a canoe].	0.6	1	1	1	0	0	0	10	3.29	2.21	10	8.98	3.71	-1.84	not in b5/content concern	
8	q_315	Avoid dangerous situations.	0.58	1	1	1	0	0	0	10	3.75	3.33	170	15.09	14.83	-1.53	not in b5/redundant	
9	q_1662	Seek adventure.	0.575	1	1	1	1	1	1	1	3.59	3.04	720	10.96	7.43	-2.03		
10	q_1781	Take risks.	0.56	1	1	1	1	1	1	1	3.68	3.18	760	5.06	-0.81	2.41		
11	q_746	Enjoy being reckless.	0.515	1	1	1	0	0	0	10	3.4	2.85	230	11.15	7.56	-1.76	not in b5	
12	q_292	Am willing to take risks.	0.495	1	1	1	0	0	1	7	3.67	3.41	160	6.82	1.34	4.16		
13	q_598	Do crazy things.	0.475	1	1	1	1	1	1	1	3.21	2.73	-70	7.22	1.18	0.85		
14	q_1780	Take risks that could cause trouble for me.	0.455	1	1	1	1	1	1	1	3.61	2.95	600	6.97	3.33	0.39		
15	q_2011	Would love to explore strange places.	0.42	0	0	1	1	1	1	3	3.66	2.98	240	6.82	4.8	1.67		
16	q_804	Face danger confidently.	0.415	1	1	1	1	1	1	1	3.36	2.89	-330	15.98	12.62	-2.49		
17	q_1368	Love excitement.	0.4	0	0	1	1	1	1	3	3.59	3.19	690	10.96	8.76	-1.78		
18	q_294	Am willing to try anything once.	0.395	1	1	1	0	0	0	10	3.7	3.09	150	12.63	5.5	0.58		
19	q_1360	Love action.	0.395	1	1	1	1	1	1	1	3.09	2.6	610	8.01	1.99	-2.9		
20	q_1993	[Good at rescuing from burning building].	0.385	1	1	1	0	0	0	10	3.64	2.56	660	12.43	7.36	-3.52		
21	q_31	Act wild and crazy.	0.37	1	1	1	1	1	1	1	3.24	2.65	-40	6.92	0.23	0.95		
22	q_53	Am a physical coward.	0.365	1	1	1	0	0	0	10	2.32	2.34	550	12.73	4.46	-8.76		

Figure A2-5: label 27_5

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_4249	Would call myself a nervous person.	0.595	1	1	1	1	1	1	1	3.61	3.11	460	8.79	4.9	0.46		
3	q_1989	Worry about things.	0.55	1	1	1	1	1	1	1	3.5	3.32	390	7.22	3.83	1.63		
4	q_4252	Am a worrier.	0.53	1	1	1	1	1	1	1	3.61	3.07	170	9.19	-0.48	2.54		
5	q_1505	Panic easily.	0.525	1	1	1	1	1	1	1	3.77	3.16	490	16.77	7.69	-1.89		
6	q_4287	Suffer from "nerves."	0.52	1	1	1	1	1	1	1	2.45	2.78	410	7.22	3.83	-4.54	colloquialism/legal issues	
7	q_4256	Worry about awful things that might happen.	0.515	1	1	1	1	1	1	1	3.56	3	680	8.56	5.91	-1.05	redundant	
8	q_1596	Rarely worry.	0.5	1	1	1	1	1	1	1	3.63	3.22	390	10.96	4.78	0.51	redundat	
9	q_808	Fear for the worst.	0.485	1	1	1	1	1	1	1	3.24	2.89	230	5.45	-0.5	1.35		
10	q_1495	[Often worry things unimportant].	0.455	1	1	1	1	1	1	1	3.42	3.02	370	12.43	7.36	-1.99	redundant	
11	q_986	Get stressed out easily.	0.445	1	1	1	1	1	1	1	3.66	3.25	450	8.4	4.28	1.41		
12	q_334	Begin to panic when there is danger.	0.44	0	0	1	1	1	1	3	3.47	3.12	740	7.72	2.84	-0.27	instability	
13	q_4258	Would call myself tense or "highly-strung."	0.415	1	1	1	1	1	1	1	3.34	3.02	660	11.65	8.53	-3.4	legal issues	
14	q_85	Am calm even in tense situations.	0.375	1	1	1	1	1	1	1	3.75	3.54	-260	8.79	4.02	5.15		
15	q_332	Become overwhelmed by events.	0.375	1	1	1	1	1	1	1	3.22	3.13	350	8.4	7.59	-1.26		
16	q_248	Am relaxed most of the time.	0.37	1	1	1	1	1	1	1	3.63	3.46	20	6.82	0.83	4.77		
17	q_727	Don't worry about things that have already happened.	0.37	1	1	1	1	1	1	1	3.56	2.86	80	8.39	5.34	0.84		
18	q_66	Am afraid of many things.	0.355	1	1	1	1	1	1	1	3.58	3.02	-110	5.64	0.75	4.03		
19	q_1616	Remain calm under pressure.	0.355	1	1	1	1	1	1	1	3.77	3.45	-90	9.87	7	3.31		
20	q_1853	Tremble in dangerous situations.	0.325	0	0	1	1	1	1	3	3.31	2.56	-280	18.34	14.54	-5.08		
21	q_67	Am afraid that I will do the wrong thing.	0.325	0	0	1	1	1	1	3	3.37	3.29	210	6.42	1.12	2.52		
22	q_4232	Often worry about things I should not have done or said.	0.32	0	0	1	1	1	1	3	3.37	2.91	290	7.89	3.67	0		

Figure A2-6: label 27_6

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_4296	Tell a lot of lies.	0.565	1	1	1	1	1	1	1	3.46	3.43	630	5.64	-2.43	2.93		
3	q_1812	Tell the truth.	0.55	1	1	1	0	0	0	10	3.79	3.79	330	5.25	-0.68	6.2		
4	q_2853	Cannot imagine lying or cheating.	0.515	1	1	1	0	0	1	7	3.37	3.46	870	10.36	7.35	-1.99		
5	q_1896	Use others for my own ends.	0.47	1	1	1	1	1	1	1	3.16	3.3	450	6.82	0.39	0.87		
6	q_501	Cheat to get ahead.	0.47	1	1	1	1	1	1	1	3.46	3.05	410	5.45	-0.5	2.13		
7	q_1765	Take advantage of others.	0.455	1	1	1	1	1	1	1	3.61	3.26	110	12.73	7.11	0.45		
8	q_1808	[Tell people...want to hear so they do what I want].	0.445	1	1	1	1	1	1	1	3.28	2.95	280	9	3.87	-0.6		
9	q_2021	Would never take things that aren't mine.	0.445	1	1	1	0	0	1	7	3.86	3.71	310	7.7	3.04	4.68		
10	q_393	Believe there is never an excuse for lying.	0.44	1	1	1	1	1	1	1	3.81	3.28	140	9.18	4.44	2.96		
11	q_2003	[Would feel v. badly for a long time if stole].	0.425	1	1	1	1	1	1	1	3.36	3.54	330	8.38	3.47	1.67		
12	q_1138	Have sometimes had to tell a lie.	0.415	1	1	1	0	0	0	10	3.26	2.73	210	6.88	1.28	0.15		
13	q_1747	Steal things.	0.405	1	1	1	0	0	1	7	3.53	3.39	240	5.06	1.83	3.64		
14	q_500	Cheat on people who have trusted me.	0.395	1	1	1	0	0	1	7	3.22	3.11	50	7.72	2.84	1.09		
15	q_404	Break my promises.	0.395	0	0	1	1	1	1	3	3.51	3.25	-130	9.19	3.93	2.68		
16	q_1894	Use flattery to get ahead.	0.385	1	1	1	0	0	0	10	3.5	2.76	700	6.82	1.87	-0.61		
17	q_905	Find it difficult to manipulate others.	0.385	0	0	1	1	1	1	3	3.33	2.72	440	15.78	10.16	-5.23		
18	q_185	Am not good at deceiving other people.	0.375	1	1	1	1	1	1	1	3.56	3	-110	12.26	5.87	0.66		
19	q_977	Get others to do my duties.	0.37	0	0	1	1	1	1	3	3.44	3.15	-270	11.65	2.8	2.11		
20	q_704	Don't pretend to be more than I am.	0.35	1	1	1	0	0	0	10	3.34	3.17	450	7.08	-0.32	1.32		
21	q_1436	Misrepresent the facts.	0.345	1	1	1	0	0	0	10	3.11	3.1	420	9.19	8.35	-2.49		
22	q_1762	Switch my loyalties when I feel like it.	0.335	1	1	1	1	1	1	1	3.18	3.06	580	7.7	2.71	-1.08		

Figure A2-7: label 27_7

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_904	Find it difficult to get down to work.	0.515	1	1	1	1	1	1	1	3.23	3	250	7.7	2.05	0.28		
3	q_1744	Start tasks right away.	0.495	1	1	1	1	1	1	1	3.86	3.15	190	5.45	2.14	4.27		
4	q_1087	Have difficulty starting tasks.	0.475	1	1	1	1	1	1	1	3.65	2.91	440	14.21	11.82	-3.22	redundant	
5	q_992	Get to work at once.	0.475	1	1	1	1	1	1	1	2.84	3	140	5.64	-1.9	0.6	redundant	
6	q_985	Get started quickly on doing a job.	0.47	1	1	1	1	1	1	1	3.49	3.15	170	8.56	2.88	1.67	redundant	
7	q_1979	Work hard.	0.46	0	1	1	1	1	1	2	3.82	3.64	210	5.06	-2.14	6.69		
8	q_1452	Neglect my duties.	0.46	1	1	1	1	1	1	1	3.65	2.98	630	14.01	6.34	-2.3		
9	q_519	Complete my duties as soon as possible.	0.455	0	0	1	1	1	1	3	3.81	3.32	-30	14.29	7.26	1.47	strength/structural concerns	
10	q_1444	Need a push to get started.	0.45	1	1	1	1	1	1	1	3.36	2.82	-200	6.82	0.39	2.54		
11	q_637	Do too little work.	0.45	0	1	1	1	1	1	2	3	2.59	210	6.92	0.23	-1.14		
12	q_602	Do just enough work to get by.	0.42	1	1	1	1	1	1	1	3.53	3.04	170	6.03	-0.27	3.02		
13	q_1550	Push myself very hard to succeed.	0.415	0	0	1	1	1	1	3	3.69	3.72	300	7.81	3.53	3.88		
14	q_520	Complete tasks successfully.	0.41	0	1	1	1	1	1	2	3.9	3.39	-200	15.98	16.15	0.02		
15	q_665	Don't finish the things that I start.	0.41	0	1	1	1	1	1	2	3.52	3.26	120	6.97	1.35	3.16		
16	q_930	Finish what I start.	0.4	0	1	1	1	1	1	2	3.78	3.54	0	6.92	0.9	5.67		
17	q_1696	Shirk my duties.	0.39	1	1	1	1	1	1	1	2.96	2.98	200	9.19	2.17	-1.22		
18	q_1563	Quickly lose interest in the tasks I start.	0.38	1	1	1	1	1	1	1	3.67	3.18	420	11.3	5.5	0.17		
19	q_1949	Waste my time.	0.375	1	1	1	1	1	1	1	3.28	2.72	100	5.25	-1.56	1.77		
20	q_626	Do things in a half-way manner.	0.375	1	1	1	1	1	1	1	3.07	2.95	330	7.81	2.2	-0.9		
21	q_706	Don't put my mind on the task at hand.	0.37	1	1	1	1	1	1	1	3.05	2.96	860	6.62	-0.57	-1.81		
22	q_1754	Stop when work becomes too difficult.	0.36	0	0	1	1	1	1	3	3.41	2.95	290	9.77	6.27	-0.9		

Figure A2-8: label 27_8

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1253	Learn things slowly.	0.635	1	1	1	1	1	1	1	3.44	2.76	80	7.22	4.71	0.53		
3	q_240	Am quick to understand things.	0.63	1	1	1	1	1	1	1	3.8	3.23	400	8	4.58	2.16		
4	q_493	Catch on to things quickly.	0.585	1	1	1	1	1	1	1	3.62	3.16	550	6.82	2.4	1.53		
5	q_722	Don't understand things.	0.545	1	1	1	0	0	1	7	2.93	2.58	400	8.4	4.28	-3.56	not in b5	
6	q_422	Can handle a lot of information.	0.54	1	1	1	1	1	1	1	3.65	3.03	170	12.63	5.5	0.11		
7	q_1834	Think quickly.	0.505	1	1	1	1	1	1	1	3.63	3.33	270	8.01	4.63	2.2		
8	q_1235	Know the answers to many questions.	0.46	0	1	1	1	1	1	2	3.33	2.76	0	7.81	4.41	0.25		
9	q_423	Can handle complex problems.	0.455	1	1	1	1	1	1	1	3.59	3.32	240	9.87	7.67	0.81		
10	q_515	Come up with good solutions.	0.37	0	0	1	0	0	1	9	3.63	3.25	440	8	3.52	1.62	strength/structural concerns	
11	q_132	Am good at many things.	0.37	1	1	1	1	1	1	1	3.53	2.86	260	5.64	-0.31	2.27		
12	q_157	Am more capable than most others.	0.365	1	1	1	1	1	1	1	3.13	3.07	320	11.65	5.45	-2.18		
13	q_1050	Have a rich vocabulary.	0.355	1	1	1	1	1	1	1	3.75	2.83	250	9.87	4.36	0.74		
14	q_786	Excel in what I do.	0.34	0	0	1	0	0	0	12	3.58	3.13	350	6.82	-1.84	3.01		
15	q_1893	Use difficult words.	0.34	1	1	1	1	1	1	1	3.17	2.42	510	9.19	5.7	-4.02		
16	q_1327	Like to solve complex problems.	0.33	1	1	1	1	1	1	1	3.66	3.12	360	8	5.11	1.24		
17	q_429	Can manage many things at the same time.	0.325	0	0	1	1	1	1	3	3.55	3.14	-270	6.97	2.34	4.06		
18	q_1023	Handle tasks smoothly.	0.325	0	0	1	1	1	1	3	3.5	3.09	190	9.19	7.46	0.16		
19	q_761	Enjoy intellectual games.	0.325	0	0	1	1	1	1	3	3.63	3.08	10	17.94	14.49	-3.02		
20	q_1600	React slowly.	0.325	0	0	1	0	0	0	12	3.22	2.46	-70	10.96	4.78	-1.93		
21	q_946	Formulate ideas clearly.	0.32	1	1	1	0	0	0	10	3.43	3.36	-160	15.98	12.62	-1.35		
22	q_1490	Often need help.	0.32	1	1	1	1	1	1	1	3.3	2.53	320	7.22	1.18	-0.77		

Figure A2-9: label 27_9

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_128	Am full of ideas.	0.615	1	1	1	1	1	1	1	3.44	3.23	220	6.92	-1.09	2.98		
3	q_2745	Am able to come up with new and different ideas.	0.61	1	1	1	1	1	1	1	3.62	3.31	260	11.25	4.39	1.21		
4	q_516	Come up with something new.	0.58	1	1	1	1	1	1	1	2.69	2.61	310	6.82	2.4	-3.23	poor qualitative	
5	q_2754	Am an original thinker.	0.575	1	1	1	1	1	1	1	3.42	3.25	60	12.73	5.78	0.12		
6	q_1090	Have excellent ideas.	0.535	1	1	1	1	1	1	1	3.66	3.18	30	14.01	8.99	-0.14	redundant (ideas)	
7	q_1392	Love to think up new ways of doing things.	0.52	1	1	1	1	1	1	1	3.67	3.23	290	7.08	1.74	2.97		
8	q_1058	Have a vivid imagination.	0.515	1	1	1	1	1	1	1	3.72	3.19	40	14.21	7.85	0.32		
9	q_609	Do not have a good imagination.	0.45	1	1	1	1	1	1	1	3.63	2.76	-100	8.79	3.14	1.88		
10	q_1083	Have difficulty imagining things.	0.43	1	1	1	1	1	1	1	3.35	2.63	70	12.82	12.45	-3.77		
11	q_1232	Know that my ideas sometimes surprise people.	0.425	1	1	1	1	1	1	1	3.44	2.68	0	9.41	7.09	-0.67		
12	q_1441	Need a creative outlet.	0.345	0	0	0	1	1	1	13	3.49	2.93	820	12.73	5.78	-3.28		
13	q_2891	Don't pride myself on being original.	0.305	0	0	1	1	1	1	3	2.81	2.27	260	12.26	5.49	-5.98		
14	q_515	Come up with good solutions.	0.3	0	0	0	0	0	1	13	3.63	3.25	440	8	3.52	1.62		
15	q_1381	Love to daydream.	0.285	0	0	0	0	0	1	13	3.68	2.85	420	7.22	2.07	1.25		
16	q_148	Interested in many things.	0.28	0	0	1	1	1	1	3	3.02	2.88	-70	9.87	6.34	-1.53		
17	q_1303	Like to begin new things.	0.27	0	0	0	1	1	1	13	3.25	3.25	790	5.64	0.75	0.15		
18	q_1088	Have difficulty understanding abstract ideas.	0.265	0	0	1	1	1	1	3	3.35	2.84	120	19.12	18.08	-6.55		
19	q_778	Enjoy thinking about things.	0.26	0	0	0	1	1	1	13	3.44	3.02	-160	8.4	6.93	1.3		
20	q_79	Am an extraordinary person.	0.26	0	0	0	0	0	1	13	3.46	2.85	200	14.21	9.17	-2.71		
21	q_946	Formulate ideas clearly.	0.255	0	0	0	0	0	0	13	3.43	3.36	-160	15.98	12.62	-1.35		
22	q_4222	Have many different hobbies.	0.255	0	0	0	1	1	1	13	3.67	2.68	30	12.73	9.09	-1.29		

Figure A2-10: label 27_10

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_35	Act without thinking.	0.625	1	1	1	0	0	0	10	3.69	3.1	340	9.19	6.58	0.67		
3	q_1424	Make rash decisions.	0.535	0	1	1	0	0	1	8	3.55	3.23	130	9.19	5.7	1.44		
4	q_1173	Jump into things without thinking.	0.525	1	1	1	0	0	0	10	3.46	3.24	-40	9.18	7.29	1.31		
5	q_636	Do things without thinking of the consequences.	0.515	1	1	1	0	0	0	10	3.62	3.19	330	13.11	9.69	-1.24	redundant	
6	q_1638	Rush into things.	0.495	0	1	1	0	0	1	8	3.49	3.03	610	7.22	2.07	0.33	redundant	
7	q_4223	Stop to think things over before doing anything.	0.49	1	1	1	0	0	1	7	3.73	3.55	380	12.77	7.89	0.69		
8	q_4276	Often make decisions on the spur of the moment.	0.48	0	1	1	0	0	0	11	3.69	3.24	790	11.9	5.63	-1.09		
9	q_4270	People have said that I sometimes act rashly.	0.46	0	1	1	0	0	0	11	3.26	2.82	770	8.44	4.73	-2.87	redundant	
10	q_4286	Generally "look before I leap."	0.455	1	1	1	0	0	0	10	3.46	3.2	520	13.22	6.66	-1.86		
11	q_708	Don't see the consequences of things.	0.42	1	1	1	1	1	1	1	3.26	2.92	-40	8.56	3.64	0.55		
12	q_22	Act impulsively when something is bothering me.	0.405	1	1	1	1	1	1	1	3.32	3.16	550	15.13	10.7	-4.23		
13	q_1292	Like to act on a whim.	0.405	1	1	1	0	0	0	10	3.45	2.97	-160	5.84	-2.31	4.18		
14	q_507	Choose my words with care.	0.4	1	1	1	0	0	0	10	3.63	3.46	270	5.64	1.28	4.12		
15	q_1798	Talk even when I know I shouldnt.	0.39	0	1	1	1	1	1	2	3.58	2.61	750	6.97	0.36	-0.6		
16	q_673	Don't know why I do some of the things I do.	0.36	1	1	1	1	1	1	1	3.31	2.73	180	7.01	-0.36	0.82		
17	q_632	Do things I later regret.	0.36	0	0	1	1	1	1	3	3.51	3.05	-400	8	1.93	3.86		
18	q_1488	Often make last-minute plans.	0.335	1	1	1	0	0	1	7	3.57	2.84	90	12.73	9.09	-1.43		
19	q_45	Always know why I do things.	0.33	1	1	1	1	1	1	1	3.44	2.98	380	6.82	0.83	1.2		
20	q_1435	Misjudge situations.	0.325	0	0	1	1	1	1	3	3.27	2.81	340	19.72	18.43	-8.03		
21	q_1697	Shoot my mouth off.	0.32	0	0	1	0	0	0	12	2.93	2.68	150	5.45	-0.5	-0.32		
22	q_920	Find myself in the same kinds of trouble, time after time.	0.285	0	0	1	0	0	0	12	3.26	3.13	550	8.42	4.18	-0.99		

Figure A2-11: label 27_11

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1416	Make myself the center of attention.	0.535	1	1	1	1	1	1	1	3.58	3.03	520	12.63	7.26	-1.85		
3	q_1296	Like to attract attention.	0.535	1	1	1	1	1	1	1	3.58	2.84	230	12.73	7.77	-1.56		
4	q_565	Dislike being the center of attention.	0.5	1	1	1	1	1	1	1	3.49	3.19	190	13.61	8.64	-1.19		
5	q_1667	Seek status.	0.5	0	1	1	0	0	1	8	2.92	3.21	340	8.01	1.99	-0.77	instability/low clarity/not in b5	
6	q_1555	Put on a show to impress people.	0.485	1	1	1	1	1	1	1	3.41	2.92	390	7.72	1.33	0.46		
7	q_1027	Hate being the center of attention.	0.475	1	1	1	1	1	1	1	3.77	2.89	250	12.63	6.82	-0.42		
8	q_1871	Try to impress others.	0.465	0	1	1	0	0	1	8	3.62	2.89	20	8.4	2.96	1.97		
9	q_690	Don't like to draw attention to myself.	0.455	1	1	1	1	1	1	1	3.69	3.15	-30	11.3	4.18	2.08		
10	q_698	Don't mind being the center of attention.	0.44	1	1	1	1	1	1	1	3.5	2.57	320	12.04	5.21	-2.23		
11	q_154	Am likely to show off if I get the chance.	0.435	1	1	1	0	0	1	7	3.6	2.81	300	7.21	0.78	1.53		
12	q_2008	Would like to have more power than other people.	0.42	0	1	1	1	1	1	2	3.55	3.02	580	8.39	4.16	-0.2		
13	q_364	Believe that I am better than others.	0.405	1	1	1	1	1	1	1	3.62	3.1	440	8.56	3.64	0.92		
14	q_1517	Play a role in order to impress people.	0.405	0	0	0	0	0	0	13	3.41	3.11	490	8.44	2.75	0.14		
15	q_1054	Have a strong need for power.	0.4	0	1	1	1	1	1	2	3.53	2.97	110	6.82	1.27	2.4		
16	q_2025	Would not enjoy being a famous celebrity.	0.36	1	1	1	1	1	1	1	3.67	2.24	300	13.11	7.42	-3.32		
17	q_401	Boast about my virtues.	0.35	0	0	1	1	1	1	3	3.43	2.77	560	6.92	2.88	-0.65		
18	q_1924	Want to be liked.	0.33	1	1	1	1	1	1	1	3.75	2.92	480	5.45	-1.83	3.02		
19	q_716	Don't think that I'm better than other people.	0.315	0	0	1	1	1	1	3	3.45	3.43	500	8.39	2.43	1.35		
20	q_586	Dislike talking about myself.	0.31	0	0	1	1	1	1	3	3.75	3.08	510	9.87	8.33	-0.37		
21	q_4280	Worry a lot about my looks.	0.3	0	0	1	1	1	1	3	3.76	3.05	690	6.82	0.39	1.77		
22	q_917	Find it necessary to please the people who have power.	0.3	0	0	1	0	0	0	12	3.46	2.91	340	11.84	6.27	-1.61		

Figure A2-12: label 27_12

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1201	Keep things tidy.	0.635	1	1	1	1	1	1	1	3.71	3.1	300	7.22	2.07	2.57		
3	q_1254	Leave a mess in my room.	0.605	1	1	1	1	1	1	1	3.5	2.45	450	5.84	-1.43	0.41		
4	q_1333	Like to tidy up.	0.6	1	1	1	1	1	1	1	3.53	2.76	210	6.92	-1.75	2.1	redundant	
5	q_1483	[Forget to put things back].	0.57	1	1	1	1	1	1	1	3.61	2.61	630	8.39	4.55	-1.49		
6	q_1255	Leave my belongings around.	0.555	0	1	1	1	1	1	2	3.22	2.36	320	8.4	6.27	-3.22	redundant/strength/structural	
7	q_169	Am not bothered by disorder.	0.5	1	1	1	1	1	1	1	3.4	3.16	420	12.04	5.54	-1.26		
8	q_1290	Like order.	0.485	1	1	1	1	1	1	1	3.55	3.44	350	8.01	0.66	2.88		
9	q_170	Am not bothered by messy people.	0.485	1	1	1	1	1	1	1	3.62	2.56	30	7.81	3.08	1.06		
10	q_4254	Good manners and cleanliness matter to me.	0.465	1	1	1	1	1	1	1	3.87	3.47	730	12.26	7.38	0.07		
11	q_962	Get chores done right away.	0.445	0	0	1	1	1	1	3	3.84	3.12	510	6.82	2.4	2.48	instability	
12	q_1374	Love order and regularity.	0.4	1	1	1	1	1	1	1	3.48	3.39	-20	15.68	9.24	-0.64		
13	q_1915	Want every detail taken care of.	0.34	0	0	1	1	1	1	3	3.43	3.46	320	8.79	3.58	1.6		
14	q_1397	Make a mess of things.	0.335	1	1	1	0	0	0	10	3.08	2.85	200	5.64	-0.84	0.68		
15	q_519	Complete my duties as soon as possible.	0.325	0	0	0	1	1	1	13	3.81	3.32	-30	14.29	7.26	1.47		
16	q_1917	Want everything to be "just right."	0.31	0	0	1	0	0	0	12	3.41	2.91	170	7.81	3.53	0.66		
17	q_530	Continue until everything is perfect.	0.29	0	0	1	1	1	1	3	3.31	3.28	290	16.76	12.66	-3.95		
18	q_1916	Want everything to add up perfectly.	0.29	0	0	1	0	0	0	12	3.28	3.02	430	9.77	5.83	-1.62		
19	q_1511	Pay too little attention to details.	0.285	0	0	1	1	1	1	3	3.02	2.89	820	12.63	7.26	-5.71		
20	q_931	Follow a schedule.	0.28	0	0	0	1	1	1	13	3.79	3.31	610	9.19	3.93	1.42		
21	q_1063	Have an eye for detail.	0.28	0	0	1	1	1	1	3	3.55	3.15	0	6.82	0.28	3.67		
22	q_1507	Pay attention to details.	0.275	0	0	1	1	1	1	3	3.91	3.55	-140	12.73	7.11	3.5		

Figure A2-13: label 27_13

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_369	Believe laws should be strictly enforced.	0.575	1	1	1	1	1	1	1	3.66	3.25	-200	8.79	7.55	2.81		
3	q_4236	People should always respect the law.	0.535	1	1	1	1	1	1	1	3.76	3.37	190	8.79	5.78	2.64	redundant	
4	q_398	Believe that we should be tough on crime.	0.535	1	1	1	1	1	1	1	3.51	3.02	-140	6.97	2.67	2.98		
5	q_1624	Respect authority.	0.525	1	1	1	0	0	0	10	3.74	3.47	530	19.72	15.78	-4.04		
6	q_1867	Try to follow the rules.	0.49	0	1	1	1	1	1	2	3.78	3.37	530	6.82	0.81	3.31		
7	q_1752	Stick to the rules.	0.49	0	1	1	1	1	1	2	3.74	3.33	430	5.45	-0.5	4.1	redundant	
8	q_1609	Rebel against authority.	0.43	1	1	1	1	1	1	1	3.64	3.16	380	15.98	12.62	-3		
9	q_4244	Prefer to go my own way rather than act by the rules.	0.43	1	1	1	0	0	0	10	3.5	3.28	190	7.99	2.12	2.39		
10	q_1657	See that rules are observed.	0.425	1	1	1	1	1	1	1	3.12	3.16	200	6.82	2.93	0.54		
11	q_623	Do things by the book.	0.41	0	1	1	1	1	1	2	3.43	3.07	-60	5.64	-0.84	3.76	colloquialism?	
12	q_82	Am attached to conventional ways.	0.405	1	1	1	0	0	0	10	3	2.98	20	13.22	8.77	-3.21		
13	q_405	Break rules.	0.395	0	0	1	0	0	0	12	3.34	3.12	370	5.06	0.51	1.86		
14	q_1824	Tend to vote for conservative political candidates.	0.38	0	0	1	0	0	0	12	3.66	2.67	50	13.62	11.46	-2.27		
15	q_4291	It is better to follow society's rules than to go my own way.	0.375	0	1	1	1	1	1	2	3.64	2.88	680	12.36	4.48	-1.88		
16	q_1301	Like to be viewed as proper and conventional.	0.375	1	1	1	0	0	0	10	3.25	3.02	940	12.04	6.53	-4.41		
17	q_345	Believe in one true religion.	0.375	0	0	1	0	0	0	12	3.44	2.65	470	12.04	6.07	-2.98		
18	q_4238	Good manners are very important.	0.365	1	1	1	1	1	1	1	3.9	3.18	630	12.04	7.65	-0.35		
19	q_359	Believe that criminals should receive help rather than punishment.	0.365	0	0	1	0	0	0	12	3.64	3.07	-30	15.05	12.79	-1.58		
20	q_4260	Think marriage is old-fashioned and should be done away with.	0.365	0	0	1	0	0	0	12	3.52	2.56	600	11.25	7.56	-3.5		
21	q_660	Don't consider myself religious.	0.355	0	0	1	0	0	0	12	3.62	3.03	290	15.58	9.43	-2.28		
22	q_1825	Tend to vote for liberal political candidates.	0.35	0	0	1	0	0	1	9	3.68	2.73	20	12.78	9.15	-1.08		

Figure A2-14: label 27_14

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_254	Am skilled in handling social situations.	0.425	1	1	1	1	1	1	1	3.77	3.22	160	15.78	11.04	-1.05		
3	q_901	Find it difficult to approach others.	0.37	0	0	1	1	1	1	3	3.46	3.16	520	12.63	7.7	-2.06	strength/structural concerns	
4	q_1045	Have a natural talent for influencing people.	0.36	1	1	1	1	1	1	1	3.54	3.17	450	13.11	8.94	-1.89		
5	q_131	Am good at making impromptu speeches.	0.34	1	1	1	0	0	0	10	3.48	2.48	340	12.63	7.7	-3.44		
6	q_1242	Lack the talent for influencing people.	0.315	0	0	1	1	1	1	3	3.21	2.78	-190	12.63	8.59	-1.98	strength/structural concerns	
7	q_158	Am never at a loss for words.	0.315	0	0	1	0	0	0	12	3.38	2.68	190	6.88	-0.23	0.93	strength/structural concerns	
8	q_3090	When with a group, have difficulties selecting a good topic to talk ab	0.315	0	0	1	1	1	1	3	3.54	2.73	250	13.51	8.22	-2.49	strength/structural concerns	
9	q_1205	Know how to captivate people.	0.305	0	0	1	1	1	1	3	3.46	2.98	280	12.04	6.07	-1.19	strength/structural concerns	
10	q_1110	Have leadership abilities.	0.305	0	0	1	0	0	1	9	3.43	3.44	240	13.12	12.96	-1.74	strength/structural concerns	
11	q_241	Am quiet around strangers.	0.3	0	0	1	1	1	1	3	3.71	2.89	90	6.92	4.87	2.09	strength/structural concerns	
12	q_184	Am not embarrassed easily.	0.3	0	0	1	1	1	1	3	3.57	2.98	-70	11.35	7.08	0.48		
13	q_20	Act comfortably with others.	0.295	0	0	1	1	1	1	3	3.18	3.27	70	14.21	9.83	-2.29		
14	q_455	Can talk others into doing things.	0.29	0	0	1	1	1	1	3	3.37	3.03	430	8.79	4.46	-0.59		
15	q_1652	See myself as a good leader.	0.29	0	0	1	0	0	0	12	3.75	3.3	820	7.81	1.32	1.52		
16	q_2161	Do not have an assertive personality.	0.29	0	0	1	0	0	1	9	3.62	3.19	580	11.74	7.26	-1.13		
17	q_1742	Start conversations.	0.29	0	0	1	1	1	1	3	3.52	2.98	-40	13.91	15.53	-2.65		
18	q_63	Am able to stand up for myself.	0.285	0	0	1	0	0	0	12	3.75	3.51	0	6.88	0.53	5.55		
19	q_69	Am afraid to draw attention to myself.	0.28	0	0	1	1	1	1	3	3.48	3.18	340	11.42	5.44	-0.37		
20	q_1055	Have a strong personality.	0.28	0	0	1	1	1	1	3	3.33	3.14	430	11.35	7.08	-1.82		
21	q_1768	Take charge.	0.28	0	0	1	0	0	0	12	3.6	3.22	-110	5.06	0.51	4.97		
22	q_1913	Wait for others to lead the way.	0.275	0	0	1	0	0	0	12	3.51	3.15	-130	6.88	0.9	3.8		

Figure A2-15: label 27_15

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1855	Trust what people say.	0.65	1	1	1	1	1	1	1	3.54	3.3	240	6.92	2.22	2.75		
3	q_4289	Trust people to mainly tell the truth.	0.64	1	1	1	1	1	1	1	3.31	3.22	680	7.72	3.6	-0.61		
4	q_1854	Trust others.	0.61	1	1	1	1	1	1	1	3.76	3.52	260	8.01	3.31	3.69	redundant	
5	q_377	Believe that others have good intentions.	0.6	1	1	1	1	1	1	1	3.73	3.23	370	12.63	9.47	-0.6		
6	q_871	Feel that most people can't be trusted.	0.585	1	1	1	1	1	1	1	3.61	3.41	380	7.7	2.38	2.61		
7	q_594	Distrust people.	0.55	0	1	1	0	0	1	8	3.64	3.41	430	10.96	8.76	0.04	redundant	
8	q_379	Believe that people are basically moral.	0.525	1	1	1	1	1	1	1	3.6	3.28	330	14.6	10.01	-1.58		
9	q_1758	Suspect hidden motives in others.	0.49	0	1	1	0	0	0	11	3.37	3.09	190	10.36	7.35	-0.72		
10	q_343	Believe in human goodness.	0.44	1	1	1	0	0	1	7	3.49	3.27	540	9.87	6.34	-0.51		
11	q_381	Believe that people are essentially evil.	0.435	0	1	1	1	1	1	2	3.4	2.9	260	13.61	9.96	-3.04	too strong/loaded	
12	q_286	Am wary of others.	0.385	1	1	1	0	0	1	7	3.39	3.24	240	6.92	-0.43	2.57		
13	q_359	Believe that criminals should receive help rather than punishment.	0.29	0	0	0	0	0	0	13	3.64	3.07	-30	15.05	12.79	-1.58		
14	q_339	Believe in an eye for an eye.	0.285	0	0	0	1	1	1	13	3.42	2.93	-40	6.88	-0.23	2.69		
15	q_915	Find it hard to forgive others.	0.275	0	0	1	0	0	0	12	3.63	3.34	890	7.81	2.64	0.57		
16	q_880	Feel that people are against me.	0.275	0	0	1	0	0	1	9	3.45	2.97	10	6.82	2.59	2.1		
17	q_145	Am inclined to forgive others.	0.27	0	0	1	1	1	1	3	3.76	3.57	-590	9.18	5.17	6.06		
18	q_397	Believe that we coddle criminals too much.	0.265	0	0	0	0	0	0	13	3.28	2.9	170	12.26	7.38	-2.19		
19	q_1150	Hold a grudge.	0.255	0	0	0	0	0	1	13	3.66	3.18	-50	5.25	-1.56	5.32		
20	q_1869	Try to forgive and forget.	0.24	0	0	0	1	1	1	13	3.76	3.49	740	8	2.46	2.1		
21	q_398	Believe that we should be tough on crime.	0.24	0	0	0	1	1	1	13	3.51	3.02	-140	6.97	2.67	2.98		
22	q_139	Am hard to convince.	0.23	0	0	0	0	0	0	13	3.26	2.9	720	6.92	0.9	-1.06		

Figure A2-16: label 27_16

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1243	Laugh a lot.	0.6	1	1	1	1	1	1	1	3.69	3.28	250	5.25	-3.33	5.12		
3	q_1244	Laugh aloud.	0.545	1	1	1	1	1	1	1	3.48	2.36	430	5.06	0.51	-0.12		
4	q_1248	Laugh my way through life.	0.545	1	1	1	1	1	1	1	3.23	3.23	160	5.64	1.28	2.12		
5	q_296	Amuse my friends.	0.52	1	1	1	1	1	1	1	3.53	2.78	300	5.25	1.08	1.66		
6	q_1685	Seldom joke around.	0.47	1	1	1	0	0	0	10	3.46	2.46	-500	7.22	3.83	1.96		
7	q_4265	Like telling jokes and funny stories to my friends.	0.465	1	1	1	1	1	1	1	3.71	2.98	650	8.39	5.05	-0.11		
8	q_1064	Have an intense, boisterous laugh.	0.435	1	1	1	1	1	1	1	3.46	2.31	-40	12.04	8.18	-2.64		
9	q_1709	Smile a lot.	0.395	1	1	1	1	1	1	1	3.71	2.82	610	5.25	-3.33	2.5		
10	q_4295	Other people think of me as being very lively.	0.395	1	1	1	1	1	1	1	3.35	2.73	730	9.05	3.9	-2.61		
11	q_799	Express childlike joy.	0.38	1	1	1	1	1	1	1	3.22	2.76	-500	9.19	7.46	0.41		
12	q_4230	Am rather lively.	0.38	1	1	1	1	1	1	1	3.27	2.97	40	9.19	3.05	0.41		
13	q_175	Am not easily amused.	0.37	1	1	1	0	0	1	7	3.36	2.49	230	8.4	2.29	-0.95		
14	q_1043	Have a lot of fun.	0.365	1	1	1	1	1	1	1	3.59	3.12	420	5.64	-2.96	3.39		
15	q_1567	Radiate joy.	0.365	1	1	1	1	1	1	1	3.36	2.93	370	10.96	3.46	-1.14		
16	q_2951	Have a colorful and dramatic way of talking about things.	0.335	0	0	1	0	0	0	12	3.51	2.69	240	11.84	7.06	-1.92		
17	q_4253	Would call myself happy-go-lucky.	0.325	1	1	1	1	1	1	1	3.53	3.09	760	14.21	11.82	-4.31		
18	q_1703	Show my feelings when I'm happy.	0.3	0	0	0	1	1	1	13	3.56	3.17	120	7.72	1.33	2.83		
19	q_505	Cheer people up.	0.3	0	0	0	0	0	0	13	3.57	3.47	70	7.22	1.18	4.16		
20	q_4226	Am a talkative person.	0.3	0	0	0	1	1	1	13	3.8	2.98	550	12.73	5.12	-0.7		
21	q_1795	Talk a lot.	0.295	0	0	1	1	1	1	3	3.67	2.77	-60	5.25	-4.21	4.77		
22	q_4294	Am sometimes bubbling over with energy and sometimes very slugg	0.285	0	0	0	1	1	1	13	3.21	3.07	540	13.02	10.3	-4.21		

Figure A2-17: label 27_17

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_219	Am open about my feelings.	0.65	1	1	1	1	1	1	1	3.67	3.52	240	6.82	1.87	4.09		
3	q_1081	Have difficulty expressing my feelings.	0.56	1	1	1	1	1	1	1	3.79	3.4	230	16.76	13.72	-1.59		
4	q_403	Bottle up my feelings.	0.54	1	1	1	0	0	0	10	3.63	3.38	150	8.4	2.96	3.07	colloquialism	
5	q_1706	Show my sadness.	0.515	1	1	1	1	1	1	1	3.26	3.05	750	7.22	1.18	-0.86		
6	q_1635	Reveal little about myself.	0.505	1	1	1	1	1	1	1	3.48	3.19	200	9.87	7	0.25		
7	q_803	Express myself easily.	0.45	1	1	1	1	1	1	1	3.52	3.42	360	15.98	10.86	-2.21		
8	q_1810	Tell people about it when I'm irritated.	0.42	1	1	1	1	1	1	1	3.1	2.98	560	12.04	4.88	-3.42		
9	q_55	Am a very private person.	0.37	1	1	1	1	1	1	1	3.8	3.31	-70	8	1.93	4.72		
10	q_1668	Seek support.	0.36	1	1	1	0	0	1	7	3.25	2.98	320	8.01	3.31	-0.34		
11	q_140	Am hard to get to know.	0.355	1	1	1	1	1	1	1	3.46	3.22	150	5.84	-1.87	3.79		
12	q_1589	Rarely notice my emotional reactions.	0.345	0	0	1	1	1	1	3	3.1	2.91	240	16.76	12.66	-5.8		
13	q_586	Dislike talking about myself.	0.31	0	0	1	1	1	1	3	3.75	3.08	510	9.87	8.33	-0.37		
14	q_1703	Show my feelings when I'm happy.	0.29	0	0	0	1	1	1	13	3.56	3.17	120	7.72	1.33	2.83		
15	q_1759	[Suspect facial expressions show when sad].	0.285	0	0	0	1	1	1	13	3.56	2.57	150	11.83	6.46	-1.61		
16	q_721	Don't understand people who get emotional.	0.28	0	0	0	1	1	1	13	3.38	2.81	410	14.29	8.39	-3.76		
17	q_1196	Keep others at a distance.	0.27	0	0	0	1	1	1	13	3.58	3.19	70	8	2.46	2.79		
18	q_1681	Seldom get emotional.	0.27	0	0	0	1	1	1	13	3.64	3.18	10	14.01	8.99	-0.16		
19	q_539	Cry during movies.	0.255	0	0	1	0	0	0	12	3.75	2.36	-300	9.19	3.93	1.54		
20	q_1573	Rarely cry during sad movies.	0.25	0	0	1	1	1	1	3	3.69	2.33	-20	9.18	4.64	0.04		
21	q_1643	Say little.	0.25	0	0	0	1	1	1	13	2.87	2.35	440	8.01	0.66	-3.68		
22	q_1151	Hold back my opinions.	0.25	0	0	0	0	0	1	13	3.52	3.05	160	6.92	2.22	2.17		

Figure A2-18: label 27_18

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_607	Do not enjoy going to art museums.	0.615	0	1	1	1	1	1	2	3.72	2.23	300	12.26	4.35	-2.14		
3	q_348	Believe in the importance of art.	0.595	1	1	1	0	0	1	7	3.64	2.78	90	11.65	5.45	-0.11		
4	q_610	Do not like art.	0.57	0	1	1	1	1	1	2	3.56	2.07	-310	5.45	-2.49	2.56		
5	q_1132	Have read the great literary classics.	0.465	1	1	1	1	1	1	1	3.44	2.23	280	11.65	7.65	-3.86		
6	q_612	Do not like poetry.	0.46	1	1	1	1	1	1	1	3.76	2.07	650	8.4	0.97	-1.74		
7	q_1369	Love flowers.	0.445	1	1	1	1	1	1	1	3.79	1.91	470	8.01	3.31	-1.91		
8	q_1687	Seldom notice emotional aspects of [visual art].	0.44	1	1	1	0	0	0	10	3.29	2.54	30	13.87	11.02	-4.13	qualitative concerns	
9	q_776	Enjoy the beauty of nature.	0.415	1	1	1	0	0	0	10	3.75	3.04	340	9.18	3.58	1.46		
10	q_1388	Love to read challenging material.	0.39	1	1	1	1	1	1	1	3.59	2.79	400	11.54	8.47	-2.09		
11	q_608	Do not enjoy watching dance performances.	0.385	1	1	1	0	0	0	10	3.44	1.62	-60	12.63	9.47	-5.28		
12	q_964	Get deeply immersed in music.	0.37	1	1	1	0	0	1	7	3.48	2.64	-50	9.18	4.64	0.22		
13	q_757	Enjoy feeling "close to the earth."	0.35	0	0	1	0	0	0	12	2.57	2.64	170	7.81	3.53	-3.72		
14	q_395	Believe that too much tax money goes to support artists.	0.34	0	0	1	0	0	1	9	3.11	2.21	280	8.98	5.37	-3.96		
15	q_1441	Need a creative outlet.	0.325	0	0	0	1	1	1	13	3.49	2.93	820	12.73	5.78	-3.28		
16	q_1334	Like to visit new places.	0.31	0	0	1	0	0	0	12	3.84	3.12	180	6.82	1.34	3.91		
17	q_1648	See beauty in things that others might not notice.	0.31	0	0	1	1	1	1	3	3.54	2.94	420	8.39	4.75	-0.06		
18	q_316	Avoid difficult reading material.	0.31	1	1	1	1	1	1	1	3.47	2.6	80	18.34	15.21	-5.72		
19	q_1289	Like music.	0.31	0	0	1	0	0	0	12	3.75	2.79	130	8.01	0.66	2.49		
20	q_2775	Am not all that curious about the world.	0.305	0	0	1	1	1	1	3	3.29	2.95	530	7.7	2.71	-0.77		
21	q_2011	Would love to explore strange places.	0.295	0	0	0	1	1	1	13	3.66	2.98	240	6.82	4.8	1.67		
22	q_611	Do not like concerts.	0.28	0	0	0	0	0	1	13	3.84	2.17	-80	6.92	1.56	1.81		

Figure A2-19: label 27_19

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1389	Love to reflect on things.	0.495	0	1	1	1	1	1	2	3.62	3.03	10	6.82	1.87	3.18		
3	q_1738	Spend time reflecting on things.	0.485	0	1	1	1	1	1	2	3.67	3.19	250	8	5.64	1.77		
4	q_1880	Try to understand myself.	0.415	0	1	1	1	1	1	2	3.29	3.15	190	12.73	7.11	-1.52		
5	q_755	Enjoy examining myself and my life.	0.41	0	1	1	1	1	1	2	3.3	3.2	440	13.61	7.31	-2.53		
6	q_778	Enjoy thinking about things.	0.41	0	0	1	1	1	1	3	3.44	3.02	-160	8.4	6.93	1.3	strength/structural concerns	
7	q_1310	Like to get lost in thought.	0.4	1	1	1	1	1	1	1	3.49	2.69	440	5.84	0.34	0.72		
8	q_1587	Rarely look for a deeper meaning in things.	0.32	0	0	1	1	1	1	3	3.43	3.02	80	8.44	4.07	1.08	strength/structural concerns	
9	q_322	Avoid philosophical discussions.	0.3	0	0	1	1	1	1	3	3.49	2.63	100	19.02	21.2	-7.26	qualitative concerns	
10	q_197	Am not interested in theoretical discussions.	0.285	0	0	1	1	1	1	3	3.45	2.72	70	14.69	12.26	-3.59	strength/structural concerns	
11	q_4232	Often worry about things I should not have done or said.	0.285	0	0	1	1	1	1	3	3.37	2.91	290	7.89	3.67	0	strength/structural concerns	
12	q_2786	Am often worried by things that I said or did.	0.265	0	0	1	1	1	1	3	3.48	2.96	580	7.8	2.13	-0.01		
13	q_4225	Often take notice of what people think.	0.25	0	0	0	1	1	1	13	3.49	3.02	750	8.56	4.39	-1.16		
14	q_4285	Worry too long after an embarrassing experience.	0.24	0	0	1	1	1	1	3	3.46	2.89	470	16.82	11.93	-5		
15	q_878	Feel that others misunderstand me.	0.24	0	0	0	1	1	1	13	3.46	2.98	0	13.22	9.3	-1.33		
16	q_923	Find political discussions interesting.	0.24	0	0	1	1	1	1	3	3.91	2.7	720	17.25	18.63	-6.33		
17	q_164	Am not always what I appear to be.	0.235	0	0	1	0	0	0	12	3.15	2.89	-30	7.7	0.72	0.92		
18	q_1682	Seldom get lost in thought.	0.23	0	0	0	1	1	1	13	3.54	2.62	-130	6.82	2.4	1.94		
19	q_761	Enjoy intellectual games.	0.225	0	0	0	1	1	1	13	3.63	3.08	10	17.94	14.49	-3.02		
20	q_4246	Am often troubled by feelings of guilt.	0.22	0	0	0	1	1	1	13	3.59	2.88	730	8.56	4.39	-1.1		
21	q_1477	Often express doubts.	0.215	0	0	0	1	1	1	13	3.29	3.09	760	9.19	6.58	-2.54		
22	q_882	Feel that people have a hard time understanding me.	0.215	0	0	0	0	0	1	13	3.73	3	-340	11.9	6.8	2.07		

Figure A2-20: label 27_20

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_571	Dislike imperfect work.	0.385	0	0	1	1	1	1	3	3.24	2.99	180	14.01	10.76	-3.46	strength/structural concerns	
3	q_1915	Want every detail taken care of.	0.38	0	0	1	1	1	1	3	3.43	3.46	320	8.79	3.58	1.6	strength/structural concerns	
4	q_4278	Often take on more activities than I have time for.	0.35	0	0	1	0	0	0	12	3.69	2.88	780	12.43	5.77	-2.36	strength/structural concerns	
5	q_1694	Set high standards for myself and others.	0.345	1	1	1	1	1	1	1	3.75	3.44	730	8.56	5.15	1.12		
6	q_530	Continue until everything is perfect.	0.33	0	0	1	1	1	1	3	3.31	3.28	290	16.76	12.66	-3.95	strength/structural concerns	
7	q_554	Demand quality.	0.33	0	0	1	0	0	1	9	3.45	3.12	590	16.77	10.34	-4.36	strength/structural concerns	
8	q_1916	Want everything to add up perfectly.	0.325	0	0	1	0	0	0	12	3.28	3.02	430	9.77	5.83	-1.62	strength/structural concerns/n	
9	q_71	Am always busy.	0.32	0	0	1	1	1	1	3	3.67	2.83	660	7.22	0.3	0.72	strength/structural concerns	
10	q_1984	Work too much.	0.32	0	0	1	1	1	1	3	3.68	2.75	390	5.25	-1.56	2.51	strength/structural concerns	
11	q_604	Do more than what's expected of me.	0.31	0	0	1	1	1	1	3	3.83	3.57	240	7.7	1.06	4.85	strength/structural concerns	
12	q_142	Am hard to satisfy.	0.31	1	1	1	1	1	1	1	3.5	3.05	-130	8.4	0.97	2.97		
13	q_1917	Want everything to be "just right."	0.305	0	0	1	0	0	0	12	3.41	2.91	170	7.81	3.53	0.66		
14	q_124	Am exacting in my work.	0.29	0	0	1	1	1	1	3	3.22	3.01	30	8	0.87	1.25		
15	q_1507	Pay attention to details.	0.28	0	0	1	1	1	1	3	3.91	3.55	-140	12.73	7.11	3.5		
16	q_1063	Have an eye for detail.	0.275	0	0	1	1	1	1	3	3.55	3.15	0	6.82	0.28	3.67		
17	q_1550	Push myself very hard to succeed.	0.26	0	0	1	1	1	1	3	3.69	3.72	300	7.81	3.53	3.88		
18	q_331	[A]ngry w people...don't live up to my expectations.	0.25	0	0	0	0	0	1	13	3.56	2.81	120	14.78	8.54	-2.15		
19	q_549	Demand a lot from others.	0.245	0	0	0	0	0	1	13	3.47	3.15	60	8	1.93	2.37		
20	q_80	Am annoyed by others' mistakes.	0.24	0	0	1	1	1	1	3	3.62	3.06	-70	9.18	5.17	2.05		
21	q_1519	Plunge into tasks with all my heart.	0.24	0	0	1	1	1	1	3	3.39	3.26	90	6.88	2.42	2.49		
22	q_559	Detect mistakes.	0.235	0	0	1	0	0	0	12	3.04	2.86	-210	10.96	8.76	-1.92		

Figure A2-21: label 27_21

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1462	Never splurge.	0.45	1	1	1	0	0	0	10	3.34	2.82	400	8.01	4.63	-1.06		
3	q_1590	Rarely overindulge.	0.385	1	1	1	0	0	0	10	3.51	2.78	520	16.77	15.63	-6.19		
4	q_1461	Never spend more than I can afford.	0.37	1	1	1	0	0	0	10	3.69	3.2	290	7.72	2.46	2.59		
5	q_56	Am able to control my cravings.	0.37	1	1	1	0	0	1	7	3.84	3.06	260	7.81	2.64	2.83		
6	q_736	Easily resist temptations.	0.355	0	0	1	1	1	1	3	3.6	3.12	40	19.13	15.96	-3.84	strength/structural concerns	
7	q_1120	Have never engaged in gossip.	0.3	0	0	1	0	0	0	12	3.59	2.71	-40	9.18	4.64	0.86	strength/structural concerns	
8	q_1474	Often eat too much.	0.27	0	0	1	0	0	0	12	3.55	2.76	290	6.92	0.23	1.42	strength/structural concerns	
9	q_4266	Most things taste the same to me.	0.265	0	0	0	0	0	0	13	3.25	1.8	720	6.03	0.86	-4.23		
10	q_141	Am hard to reason with.	0.245	0	0	0	0	0	1	13	3.48	3.3	100	6.82	0.28	3.49		
11	q_4279	There are several people who keep trying to avoid me.	0.24	0	0	0	0	0	1	13	3.25	2.09	710	11.84	6	-6.28		
12	q_1009	Go on binges.	0.24	0	0	0	0	0	1	13	2.97	2.65	140	7.22	-1.46	-0.51		
13	q_966	Get even with others.	0.23	0	0	0	1	1	1	13	3.44	2.95	760	6.92	1.56	-0.45		
14	q_1467	Obstruct others' plans.	0.23	0	0	0	1	1	1	13	3.19	2.84	450	9.19	7.46	-2.85		
15	q_4248	Have enemies who want to harm me.	0.22	0	0	0	1	1	1	13	3.53	2.72	700	6.88	1.28	-0.49		
16	q_1663	Seek conflict.	0.21	0	0	0	1	1	1	13	3.28	3.21	420	8.01	4.63	-0.18		
17	q_1136	Have some bad habits.	0.21	0	0	0	0	0	1	13	3.53	2.88	300	6.92	1.56	1.35		
18	q_531	Contradict others.	0.21	0	0	0	1	1	1	13	3.38	3	320	16.77	14.31	-5.02		
19	q_958	Get back at people who insult me.	0.2	0	0	0	1	1	1	13	3.7	3.12	-480	7.72	1.7	5.31		
20	q_4281	People spend too much time safeguarding their future with savings	0.2	0	0	0	0	0	0	13	3.25	2.67	570	14.49	11.32	-6.07		
21	q_1384	Love to eat.	0.2	0	0	0	0	0	0	13	3.84	2.52	-230	5.25	-3.33	5.11		
22	q_957	Get back at others.	0.195	0	0	0	1	1	1	13	3.19	3.06	380	6.92	0.23	0.51		

Figure A2-22: label 27_22

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1300	Like to be thought of as a normal kind of person.	0.375	0	0	1	1	1	1	3	3.22	2.98	40	7.89	1.98	0.88	strength/structural concerns	
3	q_2005	Would hate to be considered odd or strange.	0.345	1	1	1	1	1	1	1	3.54	2.88	380	7.7	3.7	0.36		
4	q_747	Enjoy being thought of as a normal "mainstream" person.	0.32	0	0	1	1	1	1	3	3.09	2.75	520	9.7	6.29	-3.67	strength/structural concerns	
5	q_152	Am just an ordinary person.	0.285	0	0	1	1	1	1	3	3.42	2.84	870	12.04	5.01	-3.64	strength/structural concerns	
6	q_1653	See myself as an average person.	0.275	0	0	1	1	1	1	3	3.51	2.95	-330	12.63	5.5	1.05	strength/structural concerns	
7	q_1691	Seldom toot my own horn.	0.275	0	0	1	0	0	0	12	3.48	2.93	50	6.82	0.81	2.39	strength/structural concerns	
8	q_525	Consider myself an average person.	0.27	0	0	1	1	1	1	3	3.55	2.9	280	16.76	11.08	-3.69	strength/structural concerns	
9	q_1151	Hold back my opinions.	0.26	0	0	1	0	0	1	9	3.52	3.05	160	6.92	2.22	2.17	strength/structural concerns	
10	q_479	Can't stand confrontations.	0.255	0	0	0	1	1	1	13	3.85	3.43	50	9.87	7	3.09		
11	q_905	Find it difficult to manipulate others.	0.235	0	0	0	1	1	1	13	3.33	2.72	440	15.78	10.16	-5.23		
12	q_586	Dislike talking about myself.	0.235	0	0	0	1	1	1	13	3.75	3.08	510	9.87	8.33	-0.37		
13	q_1913	Wait for others to lead the way.	0.23	0	0	1	0	0	0	12	3.51	3.15	-130	6.88	0.9	3.8	strength/structural concerns	
14	q_319	Avoid imposing my will on others.	0.23	0	0	1	1	1	1	3	3.52	3.33	60	11.65	5.45	1.19	strength/structural concerns	
15	q_1861	Try to avoid complex people.	0.225	0	0	0	1	1	1	13	3.27	2.7	350	8	3.52	-1.28		
16	q_2821	Behave in unusual and strange ways.	0.22	0	0	0	0	0	0	13	3.12	2.84	210	12.63	6.82	-3.17		
17	q_1730	Speak softly.	0.21	0	0	0	1	1	1	13	3.68	2.25	700	8.01	3.31	-2.14		
18	q_4291	It is better to follow society's rules than to go my own way.	0.205	0	0	0	1	1	1	13	3.64	2.88	680	12.36	4.48	-1.88		
19	q_1031	Hate to seem pushy.	0.2	0	0	0	1	1	1	13	3.55	3.21	110	5.45	-0.5	4.07		
20	q_4239	My feelings are easily hurt.	0.2	0	0	0	1	1	1	13	3.61	3.29	540	12.04	5.54	-0.4		
21	q_114	Am easily intimidated.	0.195	0	0	0	1	1	1	13	3.46	3.05	10	15.09	10.41	-1.98		
22	q_1114	Have little to say.	0.185	0	0	0	1	1	1	13	3.43	2.67	520	6.92	0.23	-0.18		

Figure A2-23: label 27_23

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_566	Dislike changes.	0.53	0	1	1	1	1	1	2	3.52	2.91	110	8.01	7.28	0.37		
3	q_689	Don't like the idea of change.	0.505	0	1	1	0	0	1	8	3.51	3.13	300	6.03	-0.27	2.75		
4	q_1542	Prefer variety to routine.	0.47	1	1	1	1	1	1	1	3.56	3.28	160	15.68	9.24	-1.28		
5	q_39	Adjust easily.	0.38	1	1	1	0	0	1	7	3.53	3.47	240	16.77	9.01	-1.38		
6	q_1303	Like to begin new things.	0.375	1	1	1	1	1	1	1	3.25	3.25	790	5.64	0.75	0.15		
7	q_38	Adapt easily to new situations.	0.37	1	1	1	0	0	0	10	3.78	3.43	490	11.54	6.88	0.75		
8	q_582	Dislike routine.	0.365	1	1	1	1	1	1	1	3.48	3.02	280	10.96	8.76	-1.31		
9	q_47	Am a creature of habit.	0.365	1	1	1	0	0	0	10	3.57	2.93	220	8	0.87	1.8		
10	q_77	Am always ready to start afresh.	0.36	1	1	1	0	0	0	10	3.1	2.95	-80	6.82	2.59	0.89		
11	q_1540	Prefer to stick with things that I know.	0.315	0	0	1	0	0	1	9	3.62	2.97	180	6.97	2.34	2.23	strength/structural concerns	
12	q_4274	Like doing things in which I have to act quickly.	0.26	0	0	1	1	1	1	3	3.39	2.9	670	7.8	2.93	-1.09		
13	q_1334	Like to visit new places.	0.245	0	0	0	0	0	0	13	3.84	3.12	180	6.82	1.34	3.91		
14	q_82	Am attached to conventional ways.	0.24	0	0	0	0	0	0	13	3	2.98	20	13.22	8.77	-3.21		
15	q_581	Dislike new foods.	0.235	0	0	0	0	0	0	13	3.55	2.28	180	7.22	2.95	-0.42		
16	q_1360	Love action.	0.23	0	0	0	1	1	1	13	3.09	2.6	610	8.01	1.99	-2.9		
17	q_294	Am willing to try anything once.	0.215	0	0	0	0	0	0	13	3.7	3.09	150	12.63	5.5	0.58		
18	q_1488	Often make last-minute plans.	0.215	0	0	0	0	0	1	13	3.57	2.84	90	12.73	9.09	-1.43		
19	q_4276	Often make decisions on the spur of the moment.	0.21	0	0	0	0	0	0	13	3.69	3.24	790	11.9	5.63	-1.09		
20	q_4292	Like having plenty of bustle and excitement around.	0.205	0	0	0	1	1	1	13	3.26	2.71	660	12.77	8.88	-5.12		
21	q_89	Am comfortable in unfamiliar situations.	0.205	0	0	0	1	1	1	13	3.73	3.23	-130	17.44	14.59	-1.51		
22	q_1368	Love excitement.	0.2	0	0	0	1	1	1	13	3.59	3.19	690	10.96	8.76	-1.78		

Figure A2-24: label 27_24

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1329	Like to take it easy.	0.455	1	1	1	0	0	0	10	3.34	2.9	310	5.64	-1.37	1.67		
3	q_1281	Like a leisurely lifestyle.	0.44	1	1	1	0	0	0	10	3.51	2.83	630	12.73	8.43	-3.47		
4	q_1052	Have a slow pace to my life.	0.32	1	1	1	1	1	1	1	3.03	2.75	330	6.03	-1.03	-0.37		
5	q_1372	Love luxury.	0.305	0	0	1	0	0	0	12	3.44	2.54	-470	10.96	3.46	0.98	inconsistent content	
6	q_1024	Hang around doing nothing.	0.29	0	0	1	1	1	1	3	2.92	2.18	420	8.4	5.6	-5.23	strength/structural concerns	
7	q_1330	Like to take my time.	0.285	0	0	0	0	0	0	13	3.62	3.06	400	5.64	-1.37	3.02		
8	q_1280	Let things proceed at their own pace.	0.27	0	0	1	0	0	0	12	3.32	2.95	-100	6.88	2.8	1.82	strength/structural concerns	
9	q_1787	Take things as they come.	0.235	0	0	0	0	0	0	13	3.15	3.2	-40	5.64	0.75	2.53		
10	q_1384	Love to eat.	0.23	0	0	0	0	0	0	13	3.84	2.52	-230	5.25	-3.33	5.11		
11	q_1537	Prefer to just let things happen.	0.23	0	0	0	1	1	1	13	3.34	3.02	-180	7.81	3.53	1.95		
12	q_248	Am relaxed most of the time.	0.22	0	0	0	1	1	1	13	3.63	3.46	20	6.82	0.83	4.77		
13	q_595	Do a lot in my spare time.	0.205	0	0	0	1	1	1	13	3.38	2.74	480	6.03	-1.79	0.72		
14	q_1289	Like music.	0.2	0	0	0	0	0	0	13	3.75	2.79	130	8.01	0.66	2.49		
15	q_71	Am always busy.	0.2	0	0	0	1	1	1	13	3.67	2.83	660	7.22	0.3	0.72		
16	q_156	Am mainly interested in money.	0.2	0	0	0	1	1	1	13	3.51	2.95	190	14.4	7.78	-1.88		
17	q_339	Believe in an eye for an eye.	0.195	0	0	0	1	1	1	13	3.42	2.93	-40	6.88	-0.23	2.69		
18	q_1540	Prefer to stick with things that I know.	0.195	0	0	0	0	0	1	13	3.62	2.97	180	6.97	2.34	2.23		
19	q_602	Do just enough work to get by.	0.19	0	0	0	1	1	1	13	3.53	3.04	170	6.03	-0.27	3.02		
20	q_47	Am a creature of habit.	0.19	0	0	0	0	0	0	13	3.57	2.93	220	8	0.87	1.8		
21	q_1676	Seldom experience sudden intuitive insights.	0.19	0	0	0	1	1	1	13	2.98	2.42	430	20.3	18.14	-10.88		
22	q_1444	Need a push to get started.	0.185	0	0	0	1	1	1	13	3.36	2.82	-200	6.82	0.39	2.54		

Figure A2-25: label 27_25

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1840	Think that my moods dont change more than most peoples do.	0.39	0	0	1	1	1	1	3	2.75	2.77	350	7.5	3.2	-3.02	strength/structural concerns	
3	q_1099	Have frequent mood swings.	0.385	0	0	0	1	1	1	13	3.58	3.31	290	6.92	4.87	2.13	strength/structural concerns	
4	q_4224	My mood often goes up and down.	0.38	0	0	0	1	1	1	13	3.55	3.04	800	6.88	0.53	0.41	strength/structural concerns	
5	q_497	Change my mood a lot.	0.37	0	0	0	1	1	1	13	3.48	3.06	470	5.64	-1.37	2.18	strength/structural concerns	
6	q_52	Am a person whose moods go up and down easily.	0.36	0	0	0	1	1	1	13	3.49	3.29	440	11.25	3.86	0.09	strength/structural concerns	
7	q_797	Experience very few emotional highs and lows.	0.35	1	1	1	1	1	1	1	3.32	3.11	30	10.25	7.51	-0.3		
8	q_651	Don't [worry about] political and social problems.	0.335	0	0	1	0	0	1	9	3.61	2.8	410	15.71	10.76	-3.82	inconsistent content	
9	q_923	Find political discussions interesting.	0.315	0	0	1	1	1	1	3	3.91	2.7	720	17.25	18.63	-6.33	inconsistent content	
10	q_979	Get overwhelmed by emotions.	0.3	0	0	1	1	1	1	3	3.51	3.2	480	8.4	6.93	-0.13	strength/structural concerns	
11	q_793	Experience my emotions intensely.	0.295	0	0	1	1	1	1	3	3.31	3.25	450	18.34	15.21	-5.7	strength/structural concerns	
12	q_174	Am not easily affected by my emotions.	0.26	0	0	1	0	0	1	9	3.47	3.22	760	14.29	6.88	-2.99	strength/structural concerns	
13	q_4228	Sometimes feel "just miserable" for no reason.	0.24	0	0	0	1	1	1	13	3.35	2.92	790	13.11	8.56	-4.58		
14	q_1681	Seldom get emotional.	0.23	0	0	0	1	1	1	13	3.64	3.18	10	14.01	8.99	-0.16		
15	q_1479	Often feel blue.	0.22	0	0	0	1	1	1	13	3.52	2.9	120	7.22	1.18	2.01		
16	q_670	Don't know much about history.	0.22	0	0	0	0	0	1	13	3.14	2.37	350	7.81	2.2	-2.47		
17	q_1578	Rarely feel depressed.	0.21	0	0	0	1	1	1	13	3.62	3.33	440	9.19	7.46	0.52		
18	q_4288	Often feel lonely.	0.21	0	0	0	1	1	1	13	3.8	3.33	630	9.19	3.93	1.45		
19	q_4239	My feelings are easily hurt.	0.205	0	0	0	1	1	1	13	3.61	3.29	540	12.04	5.54	-0.4		
20	q_721	Don't understand people who get emotional.	0.2	0	0	0	1	1	1	13	3.38	2.81	410	14.29	8.39	-3.76		
21	q_538	Criticize others' shortcomings.	0.195	0	0	0	1	1	1	13	3.47	3.05	-60	19.13	19.49	-5.1		
22	q_1185	Keep my emotions under control.	0.19	0	0	0	1	1	1	13	3.77	3.48	350	9.18	5.7	2.36		

Figure A2-26: label 27_26

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	b5_stable	b5_pass	b5_qual	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank		
2	q_1824	Tend to vote for conservative political candidates.	0.52	1	1	1	0	0	0	10	3.66	2.67	50	13.62	11.46	-2.27		
3	q_660	Don't consider myself religious.	0.51	1	1	1	0	0	0	10	3.62	3.03	290	15.58	9.43	-2.28		
4	q_345	Believe in one true religion.	0.51	1	1	1	0	0	0	10	3.44	2.65	470	12.04	6.07	-2.98		
5	q_1825	Tend to vote for liberal political candidates.	0.47	0	1	1	0	0	1	8	3.68	2.73	20	12.78	9.15	-1.08		
6	q_1328	Like to stand during the national anthem.	0.42	1	1	1	0	0	1	7	3.87	2.64	-200	12.26	7	0.9		
7	q_4260	Think marriage is old-fashioned and should be done away with.	0.41	0	1	1	0	0	0	11	3.52	2.56	600	11.25	7.56	-3.5		
8	q_394	Believe that there is no absolute right and wrong.	0.385	0	1	1	0	0	0	11	3.56	3.23	140	11.25	6.18	0.71		
9	q_398	Believe that we should be tough on crime.	0.35	0	0	1	1	1	1	3	3.51	3.02	-140	6.97	2.67	2.98		
10	q_1301	Like to be viewed as proper and conventional.	0.33	0	0	1	0	0	0	12	3.25	3.02	940	12.04	6.53	-4.41		
11	q_1223	Know that anyone who tries can get a job.	0.325	0	0	1	0	0	0	12	3.29	2.67	100	7.74	1.78	0.1		
12	q_4236	People should always respect the law.	0.325	0	0	1	1	1	1	3	3.76	3.37	190	8.79	5.78	2.64		
13	q_369	Believe laws should be strictly enforced.	0.32	0	0	1	1	1	1	3	3.66	3.25	-200	8.79	7.55	2.81		
14	q_82	Am attached to conventional ways.	0.32	0	0	1	0	0	0	12	3	2.98	20	13.22	8.77	-3.21		
15	q_397	Believe that we coddle criminals too much.	0.32	0	0	1	0	0	0	12	3.28	2.9	170	12.26	7.38	-2.19		
16	q_359	Believe that criminals should receive help rather than punishment.	0.3	0	0	1	0	0	0	12	3.64	3.07	-30	15.05	12.79	-1.58		
17	q_1624	Respect authority.	0.295	0	0	1	0	0	0	12	3.74	3.47	530	19.72	15.78	-4.04		
18	q_4244	Prefer to go my own way rather than act by the rules.	0.28	0	0	1	0	0	0	12	3.5	3.28	190	7.99	2.12	2.39		
19	q_395	Believe that too much tax money goes to support artists.	0.28	0	0	1	0	0	1	9	3.11	2.21	280	8.98	5.37	-3.96		
20	q_1609	Rebel against authority.	0.275	0	0	1	1	1	1	3	3.64	3.16	380	15.98	12.62	-3		
21	q_393	Believe there is never an excuse for lying.	0.27	0	0	0	1	1	1	13	3.81	3.28	140	9.18	4.44	2.96		
22	q_4297	Believe one has special duties to one's family.	0.265	0	0	0	0	0	1	13	3.41	3.14	670	14.4	6.87	-3.2		

Figure A2-27: label 27_27

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	SPI27	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank				
2	q_1904	Usually like to spend my free time with people.	0.645	1	1	1	1	1	3.58	3.16	70	11.25	5.3	1.04				
3	q_4243	Like going out a lot.	0.61	1	1	1	1	1	3.23	2.81	650	6.82	-0.78	-0.78				
4	q_312	Avoid company.	0.6	1	1	1	1	1	3.28	2.88	170	10.96	6.11	-1.56				
5	q_565	Dislike being the center of attention.	0.57	1	1	1	1	1	3.49	3.19	190	13.61	8.64	-1.19				
6	q_1416	Make myself the center of attention.	0.56	1	1	1	1	1	3.58	3.03	520	12.63	7.26	-1.85				
7	q_1923	Want to be left alone.	0.545	1	1	1	1	1	3.63	3.31	140	5.64	-0.84	4.63				
8	q_1027	Hate being the center of attention.	0.545	1	1	1	1	1	3.77	2.89	250	12.63	6.82	-0.42				
9	q_684	Don't like crowded events.	0.54	1	1	1	1	1	3.75	2.77	100	6.82	1.87	2.6				
10	q_254	Am skilled in handling social situations.	0.54	1	1	1	1	1	3.77	3.22	160	15.78	11.04	-1.05				
11	q_1296	Like to attract attention.	0.535	1	1	1	1	1	3.58	2.84	230	12.73	7.77	-1.56				
12	q_901	Find it difficult to approach others.	0.525	1	1	1	1	1	3.46	3.16	520	12.63	7.7	-2.06				
13	q_1243	Laugh a lot.	0.49	1	1	1	1	1	3.69	3.28	250	5.25	-3.33	5.12				
14	q_803	Express myself easily.	0.47	1	1	1	1	1	3.52	3.42	360	15.98	10.86	-2.21				
15	q_1244	Laugh aloud.	0.43	1	1	1	1	1	3.48	2.36	430	5.06	0.51	-0.12				
16	q_1635	Reveal little about myself.	0.43	1	1	1	1	1	3.48	3.19	200	9.87	7	0.25				
17	q_219	Am open about my feelings.	0.43	1	1	1	1	1	3.67	3.52	240	6.82	1.87	4.09				
18	q_296	Amuse my friends.	0.42	1	1	1	1	1	3.53	2.78	300	5.25	1.08	1.66				
19	q_1781	Take risks.	0.42	1	1	1	1	1	3.68	3.18	760	5.06	-0.81	2.41				
20	q_1248	Laugh my way through life.	0.415	1	1	1	1	1	3.23	3.23	160	5.64	1.28	2.12				
21	q_598	Do crazy things.	0.41	1	1	1	1	1	3.21	2.73	-70	7.22	1.18	0.85				
22	q_1662	Seek adventure.	0.405	1	1	1	1	1	3.59	3.04	720	10.96	7.43	-2.03				
23	q_1045	Have a natural talent for influencing people.	0.4	1	1	1	1	1	3.54	3.17	450	13.11	8.94	-1.89				
24	q_1371	Love life.	0.395	1	1	1	1	1	3.66	3.38	100	5.06	-2.14	5.61				
25	q_1052	Have a slow pace to my life.	0.36	1	1	1	1	1	3.03	2.75	330	6.03	-1.03	-0.37				
26	q_1081	Have difficulty expressing my feelings.	0.35	1	1	1	1	1	3.79	3.4	230	16.76	13.72	-1.59				
27	q_1242	Lack the talent for influencing people.	0.345	1	1	1	1	1	3.21	2.78	-190	12.63	8.59	-1.98				
28	q_1555	Put on a show to impress people.	0.32	1	1	1	1	1	3.41	2.92	390	7.72	1.33	0.46				
29	q_4267	Like mixing with people.	0.695	1	1	1	0	2	3.12	3.12	520	8.4	4.28	-1.52				

Figure A2-28

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	SPI27	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank				
2	q_979	Get overwhelmed by emotions.	0.65	1	1	1	1	1	3.51	3.2	480	8.4	6.93	-0.13				
3	q_4252	Am a worrier.	0.64	1	1	1	1	1	3.61	3.07	170	9.19	-0.48	2.54				
4	q_1989	Worry about things.	0.615	1	1	1	1	1	3.5	3.32	390	7.22	3.83	1.63				
5	q_1505	Panic easily.	0.605	1	1	1	1	1	3.77	3.16	490	16.77	7.69	-1.89				
6	q_4249	Would call myself a nervous person.	0.575	1	1	1	1	1	3.61	3.11	460	8.79	4.9	0.46				
7	q_808	Fear for the worst.	0.57	1	1	1	1	1	3.24	2.89	230	5.45	-0.5	1.35				
8	q_793	Experience my emotions intensely.	0.545	1	1	1	1	1	3.31	3.25	450	18.34	15.21	-5.7				
9	q_1840	Think that my moods dont change more than most peoples do.	0.495	1	1	1	1	1	2.75	2.77	350	7.5	3.2	-3.02				
10	q_811	Feel a sense of worthlessness or hopelessness.	0.49	1	1	1	1	1	3.48	3.15	180	9.41	7.46	0.23				
11	q_1585	Rarely get irritated.	0.485	1	1	1	1	1	3.55	3.18	80	15.98	9.98	-1.62				
12	q_578	Dislike myself.	0.48	1	1	1	1	1	3.49	3.27	310	10.96	7.43	-0.28				
13	q_176	Am not easily annoyed.	0.455	1	1	1	1	1	3.4	3.17	-30	12.73	5.12	0.26				
14	q_797	Experience very few emotional highs and lows.	0.435	1	1	1	1	1	3.32	3.11	30	10.25	7.51	-0.3				
15	q_1683	Seldom get mad.	0.41	1	1	1	1	1	3.64	3.12	420	7.22	0.3	2.34				
16	q_820	Feel comfortable with myself.	0.41	1	1	1	1	1	3.68	3.56	150	14.21	10.49	0.27				
17	q_1706	Show my sadness.	0.355	1	1	1	1	1	3.26	3.05	750	7.22	1.18	-0.86				
18	q_566	Dislike changes.	0.345	1	1	1	1	1	3.52	2.91	110	8.01	7.28	0.37				
19	q_986	Get stressed out easily.	0.67	1	1	1	0	2	3.66	3.25	450	8.4	4.28	1.41				
20	q_4224	My mood often goes up and down.	0.645	1	1	1	0	2	3.55	3.04	800	6.88	0.53	0.41				
21	q_4239	My feelings are easily hurt.	0.64	1	1	1	0	2	3.61	3.29	540	12.04	5.54	-0.4				
22	q_52	Am a person whose moods go up and down easily.	0.635	1	1	1	0	2	3.49	3.29	440	11.25	3.86	0.09				
23	q_995	Get upset easily.	0.635	1	1	1	0	2	3.55	3.27	80	14.01	5.46	0.35				
24	q_1099	Have frequent mood swings.	0.615	1	1	1	0	2	3.58	3.31	290	6.92	4.87	2.13				
25	q_4256	Worry about awful things that might happen.	0.61	1	1	1	0	2	3.56	3	680	8.56	5.91	-1.05				
26	q_960	Get caught up in my problems.	0.6	1	1	1	0	2	3.19	3.16	500	6.82	1.27	0.17				
27	q_965	Get easily agitated.	0.595	1	1	1	0	2	3.65	3.22	70	15.09	8.65	-0.45				
28	q_1495	[Often worry things unimportant].	0.595	1	1	1	0	2	3.42	3.02	370	12.43	7.36	-1.99				
29	q_497	Change my mood a lot.	0.59	1	1	1	0	2	3.48	3.06	470	5.64	-1.37	2.18				

Figure A2-29

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	SPI27	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank				
2	q_1290	Like order.	0.575	1	1	1	1	1	3.55	3.44	350	8.01	0.66	2.88				
3	q_1744	Start tasks right away.	0.565	1	1	1	1	1	3.86	3.15	190	5.45	2.14	4.27				
4	q_1979	Work hard.	0.565	1	1	1	1	1	3.82	3.64	210	5.06	-2.14	6.69				
5	q_1452	Neglect my duties.	0.56	1	1	1	1	1	3.65	2.98	630	14.01	6.34	-2.3				
6	q_1915	Want every detail taken care of.	0.55	1	1	1	1	1	3.43	3.46	320	8.79	3.58	1.6				
7	q_1201	Keep things tidy.	0.55	1	1	1	1	1	3.71	3.1	300	7.22	2.07	2.57				
8	q_530	Continue until everything is perfect.	0.52	1	1	1	1	1	3.31	3.28	290	16.76	12.66	-3.95				
9	q_904	Find it difficult to get down to work.	0.49	1	1	1	1	1	3.23	3	250	7.7	2.05	0.28				
10	q_1867	Try to follow the rules.	0.485	1	1	1	1	1	3.78	3.37	530	6.82	0.81	3.31				
11	q_1694	Set high standards for myself and others.	0.47	1	1	1	1	1	3.75	3.44	730	8.56	5.15	1.12				
12	q_369	Believe laws should be strictly enforced.	0.445	1	1	1	1	1	3.66	3.25	-200	8.79	7.55	2.81				
13	q_1444	Need a push to get started.	0.435	1	1	1	1	1	3.36	2.82	-200	6.82	0.39	2.54				
14	q_1483	[Forget to put things back].	0.42	1	1	1	1	1	3.61	2.61	630	8.39	4.55	-1.49				
15	q_1254	Leave a mess in my room.	0.41	1	1	1	1	1	3.5	2.45	450	5.84	-1.43	0.41				
16	q_571	Dislike imperfect work.	0.38	1	1	1	1	1	3.24	2.99	180	14.01	10.76	-3.46				
17	q_398	Believe that we should be tough on crime.	0.375	1	1	1	1	1	3.51	3.02	-140	6.97	2.67	2.98				
18	q_169	Am not bothered by disorder.	0.36	1	1	1	1	1	3.4	3.16	420	12.04	5.54	-1.26				
19	q_736	Easily resist temptations.	0.345	1	1	1	1	1	3.6	3.12	40	19.13	15.96	-3.84				
20	q_1024	Hang around doing nothing.	0.345	1	1	1	1	1	2.92	2.18	420	8.4	5.6	-5.23				
21	q_619	Do things according to a plan.	0.61	1	1	1	0	2	3.57	3.3	560	7.81	2.2	1.47				
22	q_930	Finish what I start.	0.6	1	1	1	0	2	3.78	3.54	0	6.92	0.9	5.67				
23	q_1321	Like to plan ahead.	0.59	1	1	1	0	2	3.73	3.42	210	5.45	-0.5	5.12				
24	q_1374	Love order and regularity.	0.59	1	1	1	0	2	3.48	3.39	-20	15.68	9.24	-0.64				
25	q_519	Complete my duties as soon as possible.	0.59	1	1	1	0	2	3.81	3.32	-30	14.29	7.26	1.47				
26	q_931	Follow a schedule.	0.575	1	1	1	0	2	3.79	3.31	610	9.19	3.93	1.42				
27	q_1422	Make plans and stick to them.	0.575	1	1	1	0	2	3.79	3.43	-130	5.84	0.78	6.19				
28	q_2737	Am a goal-oriented person.	0.57	1	1	1	0	2	3.77	3.56	500	15.68	8.58	-0.58				
29	q_76	Am always prepared.	0.57	1	1	1	0	2	3.71	3.25	230	9.19	4.82	2.03				

Figure A2-30

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	SPI27	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank				
2	q_90	Am concerned about others.	0.605	1	1	1	1	1	3.64	3.62	550	8.4	5.6	1.79				
3	q_1763	Sympathize with others' feelings.	0.58	1	1	1	1	1	3.76	3.52	200	14.21	12.48	-0.18				
4	q_253	Am sensitive to the needs of others.	0.555	1	1	1	1	1	3.67	3.6	50	11.42	4.69	2.95				
5	q_1896	Use others for my own ends.	0.55	1	1	1	1	1	3.16	3.3	450	6.82	0.39	0.87				
6	q_851	Feel sympathy for those who are worse off than myself.	0.53	1	1	1	1	1	3.62	3.53	90	11.25	5.97	2.12				
7	q_1832	Think of others first.	0.47	1	1	1	1	1	3.67	3.7	-80	6.92	2.22	5.67				
8	q_501	Cheat to get ahead.	0.465	1	1	1	1	1	3.46	3.05	410	5.45	-0.5	2.13				
9	q_377	Believe that others have good intentions.	0.445	1	1	1	1	1	3.73	3.23	370	12.63	9.47	-0.6				
10	q_871	Feel that most people can't be trusted.	0.405	1	1	1	1	1	3.61	3.41	380	7.7	2.38	2.61				
11	q_1855	Trust what people say.	0.38	1	1	1	1	1	3.54	3.3	240	6.92	2.22	2.75				
12	q_4296	Tell a lot of lies.	0.38	1	1	1	1	1	3.46	3.43	630	5.64	-2.43	2.93				
13	q_142	Am hard to satisfy.	0.36	1	1	1	1	1	3.5	3.05	-130	8.4	0.97	2.97				
14	q_379	Believe that people are basically moral.	0.335	1	1	1	1	1	3.6	3.28	330	14.6	10.01	-1.58				
15	q_4289	Trust people to mainly tell the truth.	0.33	1	1	1	1	1	3.31	3.22	680	7.72	3.6	-0.61				
16	q_1367	Love dangerous situations.	0.32	1	1	1	1	1	3.52	3.06	390	15.09	13.94	-3.9				
17	q_1664	Seek danger.	0.32	1	1	1	1	1	3.12	2.9	-70	8.01	1.99	0.57				
18	q_146	Am indifferent to the feelings of others.	0.6	1	1	1	0	2	3.51	3.38	100	13.11	7.42	0.25				
19	q_1818	Tend to dislike soft-hearted people.	0.565	1	1	1	0	2	3.19	2.54	-10	13.22	9.83	-3.92				
20	q_1053	Have a soft heart.	0.55	1	1	1	0	2	3.46	3.45	-30	5.45	-1.17	5.09				
21	q_1765	Take advantage of others.	0.545	1	1	1	0	2	3.61	3.26	110	12.73	7.11	0.45				
22	q_4293	Would like for other people to be afraid of me.	0.545	1	1	1	0	2	3.58	2.68	390	7.8	2.4	0.15				
23	q_1354	Look down on others.	0.54	1	1	1	0	2	3.36	3.12	450	6.92	0.9	1				
24	q_460	Can't be bothered with other's needs.	0.54	1	1	1	0	2	3.36	3.02	590	7.72	2.84	-0.51				
25	q_487	Can't stand weak people.	0.535	1	1	1	0	2	3.27	2.93	-110	6.82	0.81	2.08				
26	q_957	Get back at others.	0.535	1	1	1	0	2	3.19	3.06	380	6.92	0.23	0.51				
27	q_2029	[Not regret taking advantage of someone impulsively].	0.525	1	1	1	0	2	2.95	3.28	560	16.14	9.96	-5.58				
28	q_630	Do things out of revenge.	0.525	1	1	1	0	2	3.56	3.04	180	6.82	1.34	2.48				
29	q_225	Am out for my own personal gain.	0.51	1	1	1	0	2	3.38	3.19	-40	7.72	1.33	2.7				

Figure A2-31

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		Item	sortedLdgs	stable	pass	qual	SPI27	stability	clarity	salience	lexile	readage	readgrade	qualitativeRank				
2	q_128	Am full of ideas.	0.59	1	1	1	1	1	3.44	3.23	220	6.92	-1.09	2.98				
3	q_2745	Am able to come up with new and different ideas.	0.59	1	1	1	1	1	3.62	3.31	260	11.25	4.39	1.21				
4	q_2754	Am an original thinker.	0.55	1	1	1	1	1	3.42	3.25	60	12.73	5.78	0.12				
5	q_1392	Love to think up new ways of doing things.	0.525	1	1	1	1	1	3.67	3.23	290	7.08	1.74	2.97				
6	q_1058	Have a vivid imagination.	0.495	1	1	1	1	1	3.72	3.19	40	14.21	7.85	0.32				
7	q_240	Am quick to understand things.	0.465	1	1	1	1	1	3.8	3.23	400	8	4.58	2.16				
8	q_1738	Spend time reflecting on things.	0.445	1	1	1	1	1	3.67	3.19	250	8	5.64	1.77				
9	q_422	Can handle a lot of information.	0.43	1	1	1	1	1	3.65	3.03	170	12.63	5.5	0.11				
10	q_1389	Love to reflect on things.	0.425	1	1	1	1	1	3.62	3.03	10	6.82	1.87	3.18				
11	q_1310	Like to get lost in thought.	0.415	1	1	1	1	1	3.49	2.69	440	5.84	0.34	0.72				
12	q_1880	Try to understand myself.	0.415	1	1	1	1	1	3.29	3.15	190	12.73	7.11	-1.52				
13	q_747	Enjoy being thought of as a normal "mainstream" person.	0.405	1	1	1	1	1	3.09	2.75	520	9.7	6.29	-3.67				
14	q_1609	Rebel against authority.	0.4	1	1	1	1	1	3.64	3.16	380	15.98	12.62	-3				
15	q_1834	Think quickly.	0.395	1	1	1	1	1	3.63	3.33	270	8.01	4.63	2.2				
16	q_1132	Have read the great literary classics.	0.395	1	1	1	1	1	3.44	2.23	280	11.65	7.65	-3.86				
17	q_493	Catch on to things quickly.	0.395	1	1	1	1	1	3.62	3.16	550	6.82	2.4	1.53				
18	q_1303	Like to begin new things.	0.395	1	1	1	1	1	3.25	3.25	790	5.64	0.75	0.15				
19	q_610	Do not like art.	0.39	1	1	1	1	1	3.56	2.07	-310	5.45	-2.49	2.56				
20	q_755	Enjoy examining myself and my life.	0.39	1	1	1	1	1	3.3	3.2	440	13.61	7.31	-2.53				
21	q_1300	Like to be thought of as a normal kind of person.	0.375	1	1	1	1	1	3.22	2.98	40	7.89	1.98	0.88				
22	q_1653	See myself as an average person.	0.37	1	1	1	1	1	3.51	2.95	-330	12.63	5.5	1.05				
23	q_2005	Would hate to be considered odd or strange.	0.365	1	1	1	1	1	3.54	2.88	380	7.7	3.7	0.36				
24	q_607	Do not enjoy going to art museums.	0.35	1	1	1	1	1	3.72	2.23	300	12.26	4.35	-2.14				
25	q_612	Do not like poetry.	0.35	1	1	1	1	1	3.76	2.07	650	8.4	0.97	-1.74				
26	q_152	Am just an ordinary person.	0.34	1	1	1	1	1	3.42	2.84	870	12.04	5.01	-3.64				
27	q_1253	Learn things slowly.	0.34	1	1	1	1	1	3.44	2.76	80	7.22	4.71	0.53				
28	q_1542	Prefer variety to routine.	0.32	1	1	1	1	1	3.56	3.28	160	15.68	9.24	-1.28				
29	q_1388	Love to read challenging material.	0.555	1	1	1	0	2	3.59	2.79	400	11.54	8.47	-2.09				

Figure A2-32

Appendix C

Norms by Age and Gender for the SPI

David M. Condon[⋆]

Tables A3-1 through A3-2 shows the raw scores by scale for the SPI-27 and SPI-5 scales using several age bands and both genders. Figures A3-1 through A3-32 show plots of the scores by age and gender from ages 14-90. Note that the code used to generate the tables and figures in this appendix (not shown) also creates two other large tables that may be useful for end-users of the SPI who are looking for norms data. These tables contain item and scale level means, standard deviations and sample sizes for all ages (by year, 14-90) for both genders.

⋆This document is an appendix to *The SAPA Personality Inventory*. Correspondence should be directed to david-condon@northwestern.edu, Department of Medical Social Sciences, Northwestern University, Chicago, Illinois. Please use the following citation information: Condon, D.M. (2017). The SAPA Personality Inventory: an empirically-derived, hierarchically-organized self-report personality assessment model.

Table A3-1: SPI scale raw means and standard deviations by age range and gender

	14 — 18 yrs old				19 — 25 yrs old				26 — 35 yrs old				36 — 45 yrs old				46 — 55 yrs old				56 — 65 yrs old				66 yrs old and up			
	Male		Female		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female	
	m	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*
Compassion	4.27	1.27	4.69	1.17	4.36	1.24	4.83	1.10	4.40	1.22	4.91	1.09	4.52	1.18	5.04	1.03	4.67	1.14	5.09	1.03	4.72	1.09	5.12	1.06	4.75	1.09	5.06	1.03
Irritability	3.39	1.50	3.83	1.47	3.18	1.47	3.55	1.45	3.19	1.47	3.58	1.45	3.34	1.47	3.51	1.45	3.18	1.48	3.25	1.44	3.29	1.58	3.10	1.46	2.98	1.45	3.03	1.55
Sociability	3.72	1.49	3.77	1.52	3.51	1.46	3.63	1.48	3.35	1.46	3.46	1.49	3.27	1.45	3.38	1.50	3.21	1.42	3.36	1.47	3.31	1.50	3.36	1.48	3.29	1.46	3.54	1.54
WellBeing	4.22	1.50	3.94	1.54	4.15	1.49	4.24	1.44	4.29	1.46	4.31	1.42	4.43	1.41	4.49	1.39	4.50	1.41	4.63	1.35	4.65	1.40	4.68	1.37	4.87	1.23	4.90	1.26
SensationSeeking	3.72	1.47	3.59	1.52	3.57	1.45	3.29	1.50	3.41	1.47	3.04	1.51	3.30	1.51	2.85	1.48	3.26	1.46	2.77	1.45	3.00	1.43	2.71	1.50	2.83	1.42	2.60	1.49
Anxiety	3.64	1.56	4.32	1.43	3.57	1.55	4.16	1.45	3.43	1.58	4.01	1.50	3.24	1.57	3.63	1.59	3.16	1.60	3.40	1.56	3.00	1.65	3.38	1.60	2.75	1.54	3.20	1.66
Honesty	3.85	1.51	4.30	1.42	4.14	1.46	4.60	1.34	4.39	1.44	4.80	1.31	4.56	1.40	4.96	1.25	4.79	1.30	5.07	1.20	4.95	1.29	5.16	1.19	4.83	1.32	5.08	1.28
Industry	3.64	1.43	3.83	1.45	3.81	1.46	4.09	1.45	4.01	1.48	4.28	1.44	4.27	1.44	4.42	1.42	4.36	1.44	4.60	1.37	4.51	1.38	4.57	1.36	4.51	1.41	4.54	1.40
Intellect	4.57	1.17	4.36	1.21	4.65	1.13	4.51	1.16	4.85	1.12	4.74	1.13	4.81	1.18	4.76	1.19	4.87	1.13	4.73	1.17	4.86	1.11	4.88	1.09	4.71	1.19	4.65	1.21
Creativity	4.65	1.15	4.54	1.15	4.73	1.10	4.58	1.13	4.87	1.09	4.70	1.13	4.98	1.04	4.72	1.17	4.98	1.06	4.74	1.14	5.03	1.04	4.86	1.20	4.89	1.13	4.71	1.19
Impulsivity	3.37	1.38	3.31	1.38	3.12	1.37	3.08	1.36	2.88	1.38	2.98	1.38	2.79	1.37	2.85	1.34	2.70	1.30	2.83	1.36	2.68	1.26	2.72	1.29	2.66	1.45	2.53	1.28
AttentionSeeking	3.18	1.48	2.96	1.47	3.13	1.45	2.91	1.43	3.09	1.48	2.82	1.46	3.04	1.46	2.69	1.42	2.97	1.48	2.57	1.41	2.85	1.47	2.59	1.39	2.93	1.35	2.59	1.43
Order	3.57	1.43	3.72	1.47	3.73	1.41	3.96	1.46	3.85	1.46	4.06	1.47	3.99	1.43	4.20	1.46	4.09	1.42	4.22	1.42	3.97	1.42	4.16	1.44	4.00	1.50	4.35	1.40
Authoritarianism	4.13	1.31	4.40	1.25	4.15	1.32	4.51	1.21	4.12	1.37	4.52	1.26	4.20	1.36	4.59	1.28	4.31	1.32	4.66	1.24	4.17	1.40	4.44	1.36	4.10	1.41	4.50	1.34
Charisma	3.77	1.43	3.63	1.48	3.80	1.46	3.69	1.47	3.96	1.47	3.81	1.50	4.05	1.46	3.91	1.50	4.17	1.48	4.00	1.49	4.20	1.41	4.09	1.47	4.08	1.44	4.22	1.48
Trust	3.69	1.33	3.72	1.35	3.75	1.31	3.84	1.32	3.82	1.30	3.86	1.32	4.00	1.31	4.03	1.29	4.21	1.22	4.24	1.22	4.24	1.18	4.41	1.19	4.41	1.16	4.43	1.26
Humor	4.51	1.33	4.70	1.28	4.49	1.30	4.65	1.25	4.41	1.31	4.55	1.27	4.30	1.32	4.50	1.31	4.39	1.29	4.47	1.29	4.40	1.30	4.46	1.35	4.14	1.49	4.30	1.38
EmotionalExpressiveness	3.13	1.47	3.27	1.50	3.17	1.47	3.50	1.48	3.37	1.50	3.76	1.47	3.56	1.47	3.92	1.47	3.81	1.47	4.05	1.41	3.86	1.37	4.05	1.40	3.69	1.48	3.96	1.44
ArtAppreciation	3.72	1.68	4.26	1.58	4.02	1.57	4.29	1.53	4.14	1.57	4.42	1.51	4.22	1.53	4.42	1.52	4.37	1.51	4.58	1.43	4.32	1.55	4.77	1.42	4.66	1.40	4.98	1.34
Introspection	4.74	1.19	4.75	1.20	4.94	1.11	4.90	1.12	4.99	1.11	4.94	1.12	4.90	1.18	4.91	1.14	4.95	1.15	4.88	1.19	4.98	1.12	5.02	1.10	5.01	1.08	4.91	1.21
Perfectionism	4.10	1.27	4.31	1.26	4.28	1.24	4.38	1.26	4.37	1.28	4.45	1.26	4.35	1.26	4.38	1.29	4.32	1.28	4.33	1.31	4.31	1.25	4.29	1.34	4.14	1.30	4.29	1.40
SelfControl	3.66	1.37	3.47	1.36	3.60	1.38	3.40	1.37	3.55	1.43	3.34	1.40	3.55	1.40	3.39	1.38	3.68	1.40	3.49	1.40	3.75	1.33	3.58	1.38	3.91	1.40	4.02	1.31
Conformity	3.24	1.54	3.50	1.53	3.20	1.51	3.56	1.48	3.21	1.51	3.61	1.50	3.37	1.53	3.70	1.54	3.51	1.53	3.82	1.53	3.40	1.53	3.77	1.51	3.51	1.61	3.78	1.60
Adaptability	4.00	1.32	3.92	1.34	4.13	1.30	3.98	1.35	4.23	1.31	4.10	1.35	4.28	1.37	4.18	1.34	4.31	1.31	4.24	1.30	4.34	1.35	4.34	1.31	4.47	1.32	4.40	1.28
EasyGoingness	4.11	1.31	3.96	1.32	4.06	1.35	3.89	1.34	3.93	1.39	3.75	1.40	3.71	1.44	3.66	1.44	3.63	1.45	3.57	1.44	3.54	1.48	3.68	1.45	3.52	1.47	3.63	1.45
EmotionalStability	3.54	1.50	4.18	1.44	3.49	1.49	4.15	1.43	3.42	1.50	4.14	1.43	3.44	1.48	4.02	1.43	3.46	1.46	3.95	1.43	3.43	1.44	3.79	1.47	3.37	1.47	3.90	1.54
Conservatism	3.22	1.78	3.37	1.78	2.99	1.77	3.21	1.76	2.87	1.76	3.08	1.79	3.05	1.84	3.21	1.85	3.21	1.82	3.48	1.89	3.09	1.84	3.36	1.90	3.05	1.79	3.26	2.01

Table A3-2: SPI scale raw means and standard deviations by age range and gender

	14 — 18 yrs old				19 — 25 yrs old				26 — 35 yrs old				36 — 45 yrs old				46 — 55 yrs old				56 — 65 yrs old				66 yrs old and up			
	Male		Female		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female		Male		Female	
	m	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*	*m*	*sd*
Extraversion	3.68	1.40	3.72	1.44	3.60	1.38	3.68	1.39	3.57	1.39	3.62	1.41	3.56	1.38	3.60	1.40	3.61	1.36	3.57	1.40	3.69	1.36	3.59	1.41	3.67	1.40	3.75	1.43
Neuroticism	3.50	1.41	4.07	1.36	3.41	1.40	3.89	1.37	3.31	1.41	3.80	1.39	3.25	1.41	3.58	1.42	3.13	1.40	3.38	1.40	3.10	1.48	3.32	1.42	2.87	1.38	3.27	1.51
Conscientiousness	3.87	1.21	4.07	1.21	4.02	1.20	4.27	1.18	4.12	1.23	4.37	1.18	4.27	1.19	4.45	1.17	4.35	1.16	4.52	1.15	4.32	1.16	4.45	1.14	4.29	1.19	4.45	1.22
Agreeableness	4.08	1.19	4.38	1.17	4.20	1.19	4.56	1.13	4.32	1.16	4.66	1.12	4.45	1.16	4.82	1.06	4.64	1.09	4.92	1.01	4.75	1.00	4.98	1.02	4.72	1.00	4.92	1.11
Openness	4.54	1.07	4.42	1.10	4.65	1.04	4.49	1.07	4.77	1.04	4.60	1.08	4.77	1.05	4.61	1.12	4.79	1.07	4.59	1.12	4.86	1.03	4.74	1.10	4.79	1.06	4.64	1.06

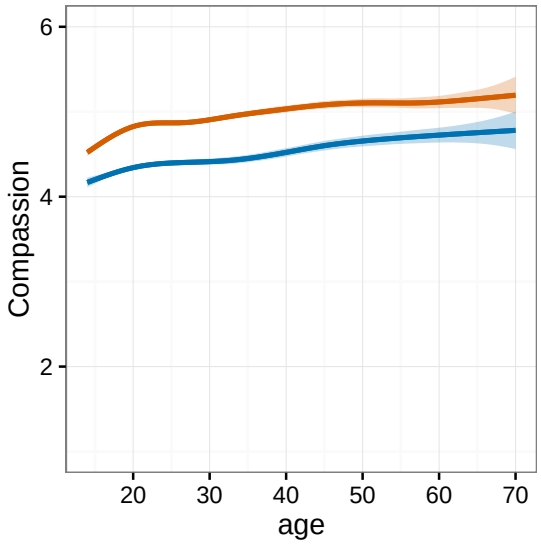


Figure A3-1: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

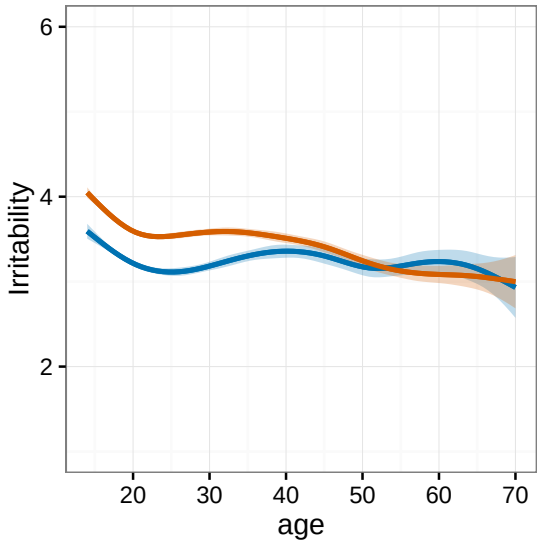


Figure A3-2: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

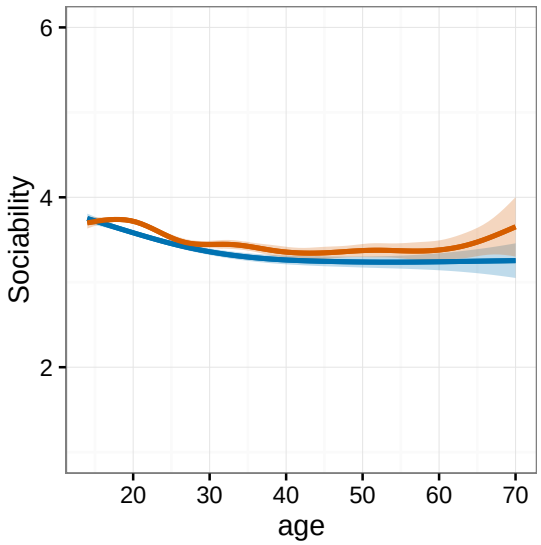


Figure A3-3: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

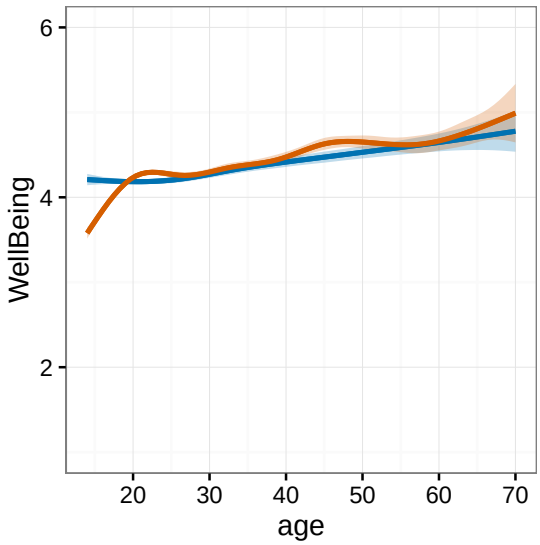


Figure A3-4: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

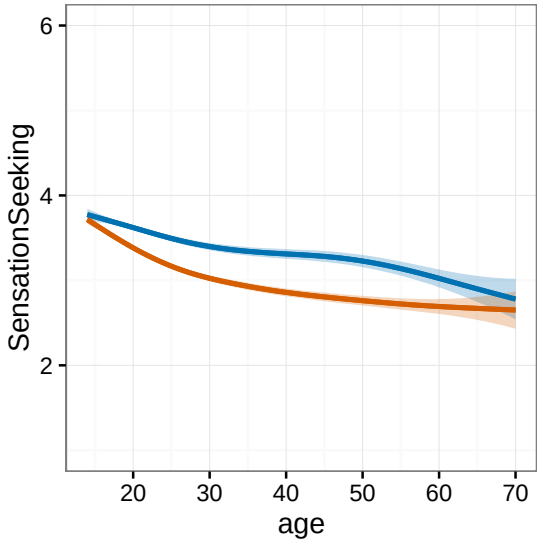


Figure A3-5: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

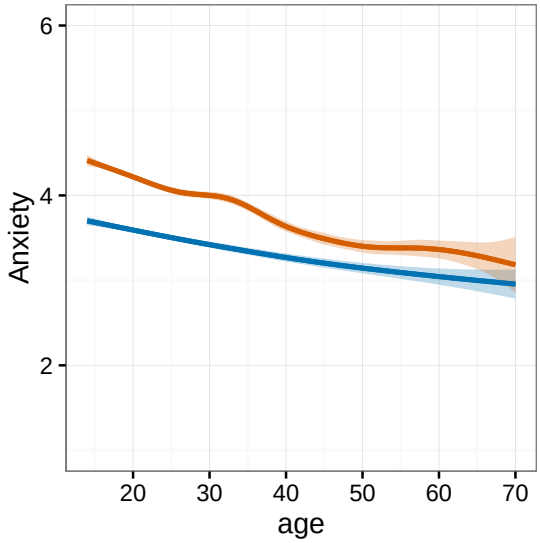


Figure A3-6: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

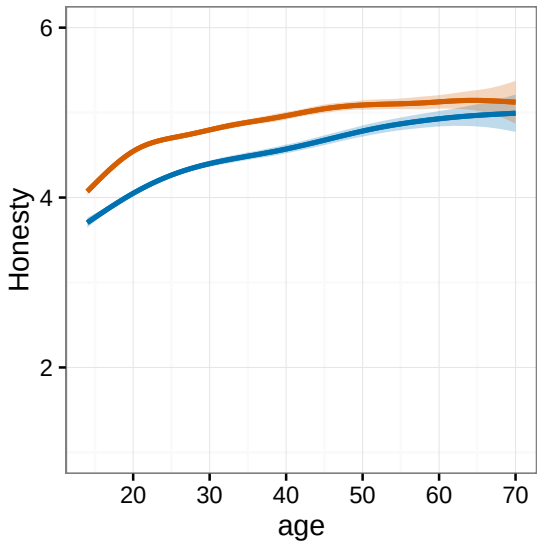


Figure A3-7: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

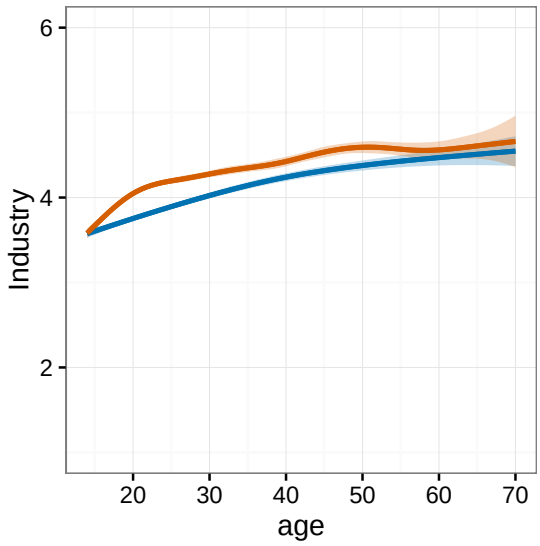


Figure A3-8: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

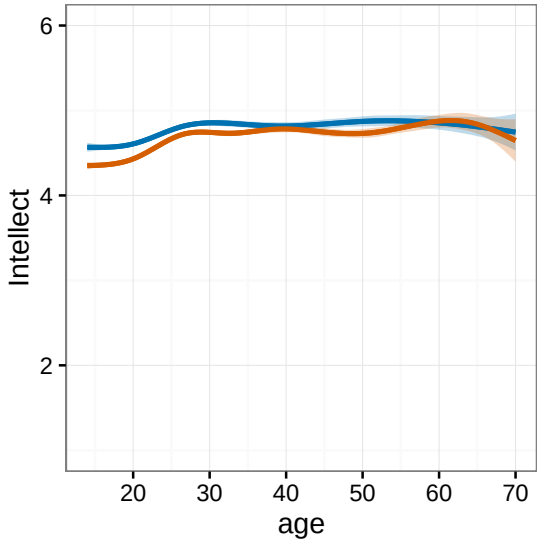


Figure A3-9: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

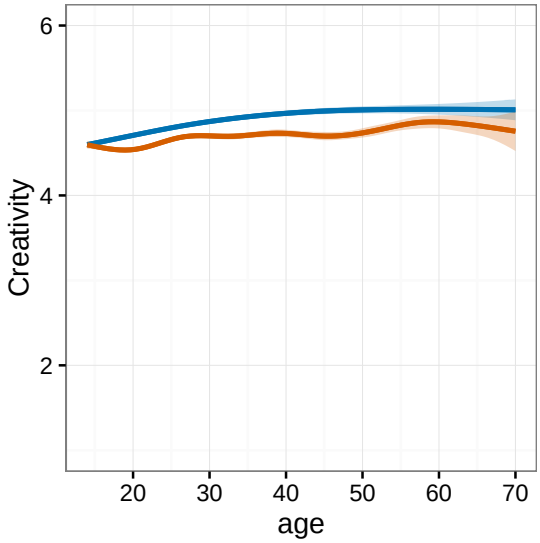


Figure A3-10: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

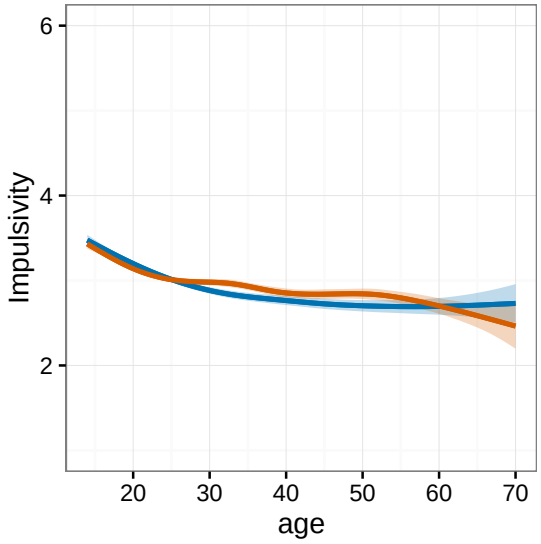


Figure A3-11: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

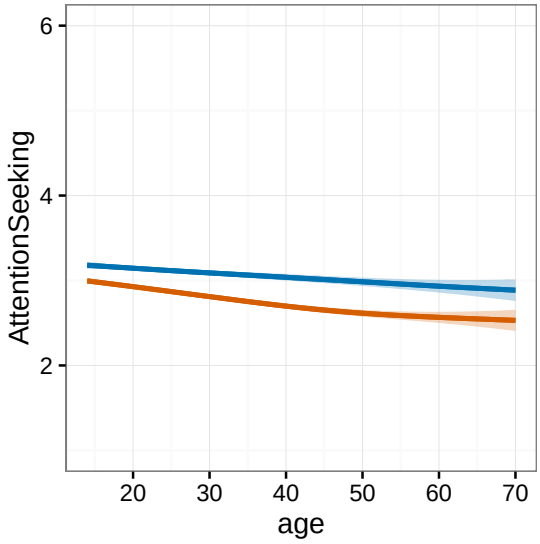


Figure A3-12: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

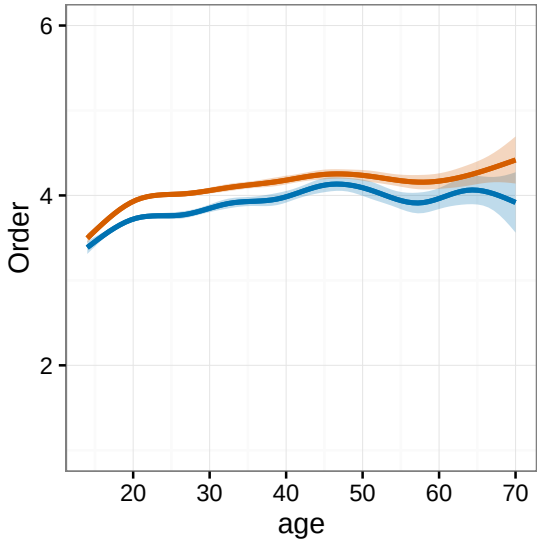


Figure A3-13: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

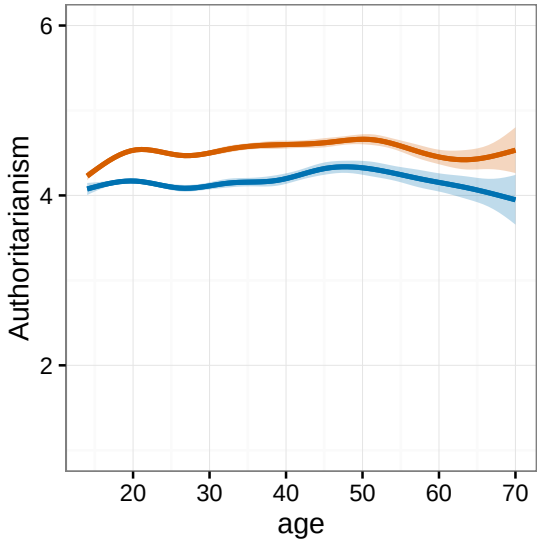


Figure A3-14: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

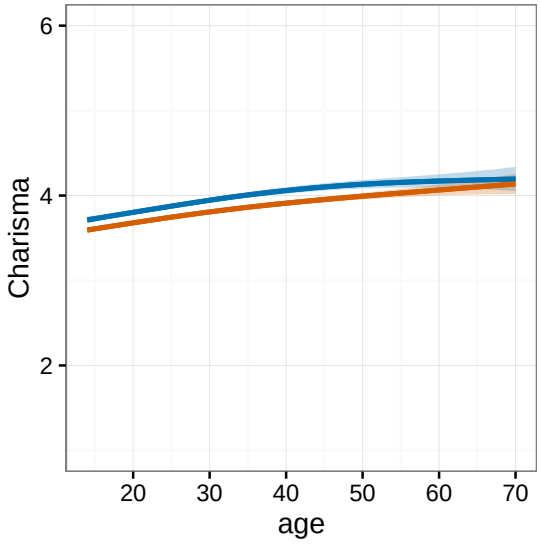


Figure A3-15: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

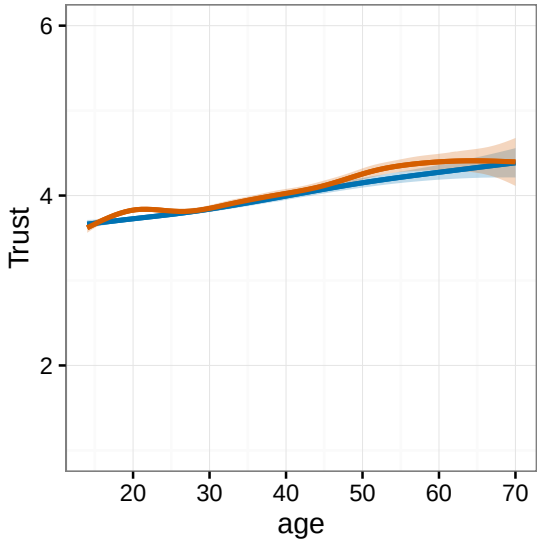


Figure A3-16: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

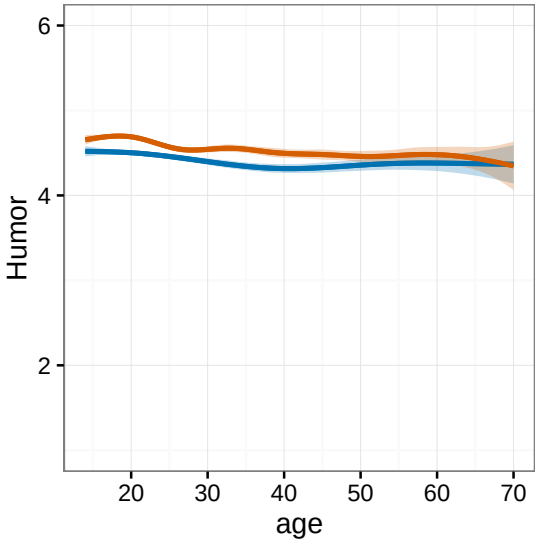


Figure A3-17: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

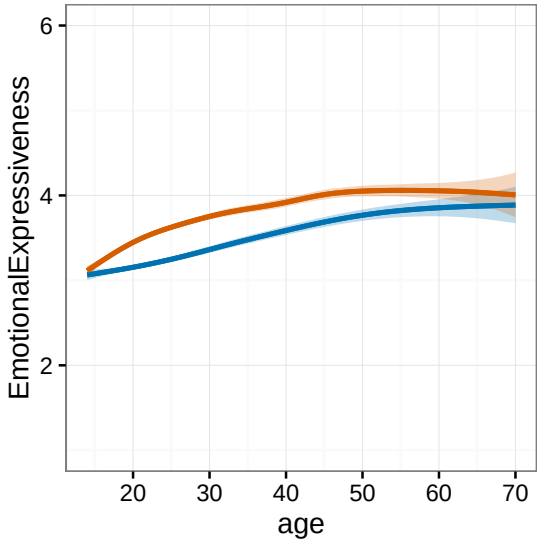


Figure A3-18: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

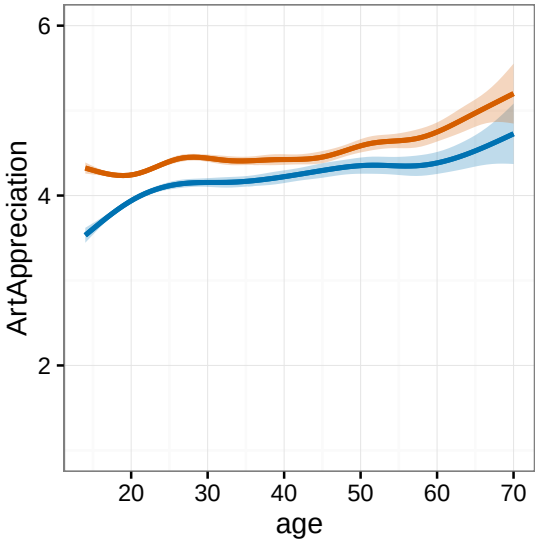


Figure A3-19: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

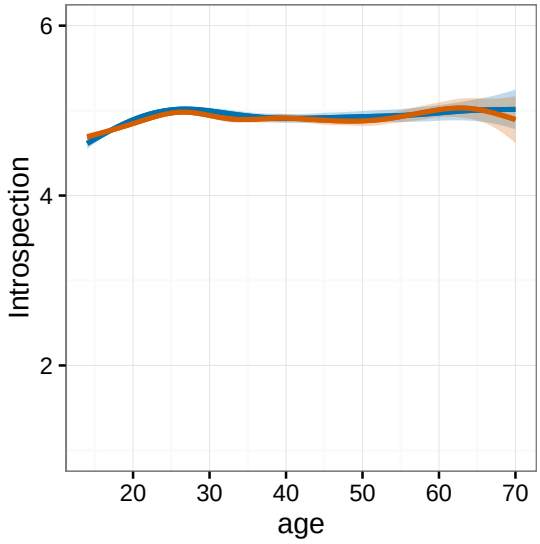


Figure A3-20: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

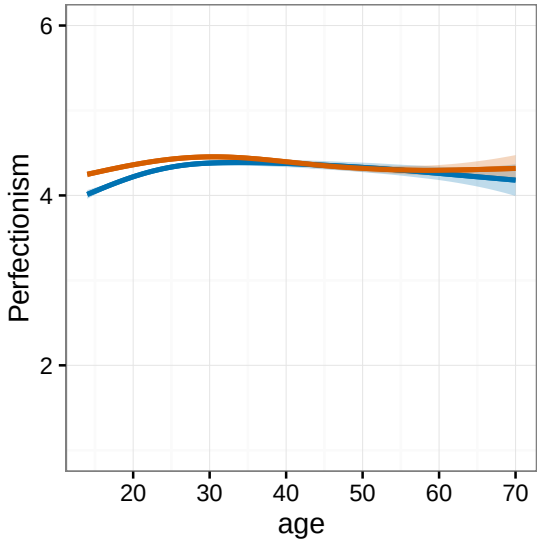


Figure A3-21: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

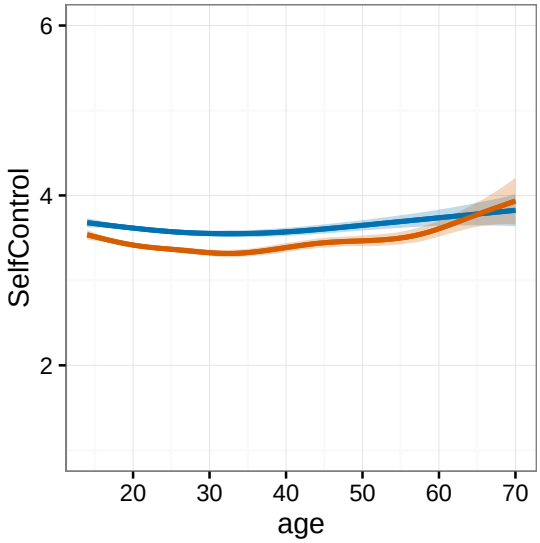


Figure A3-22: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

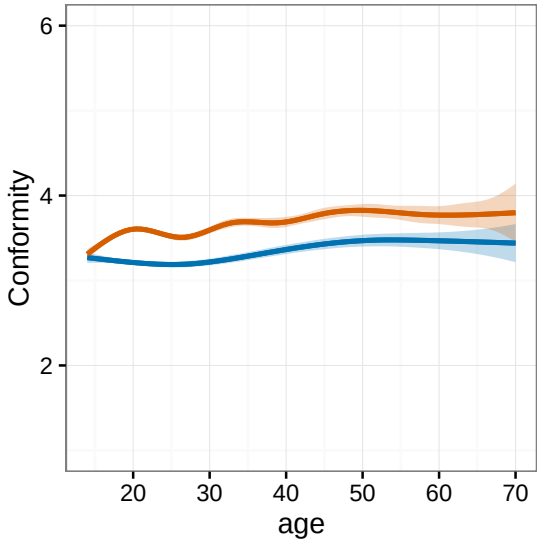


Figure A3-23: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

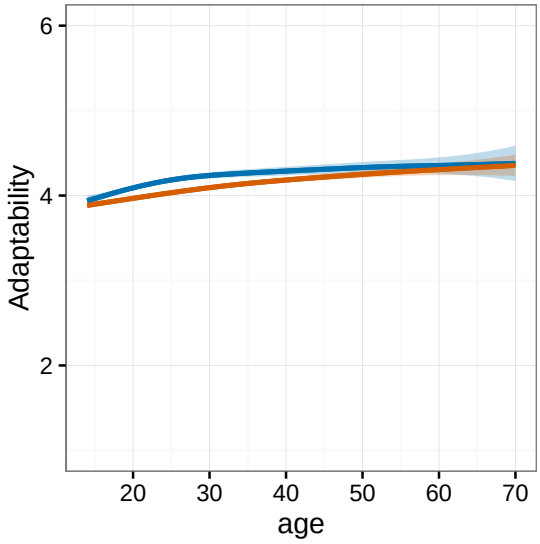


Figure A3-24: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

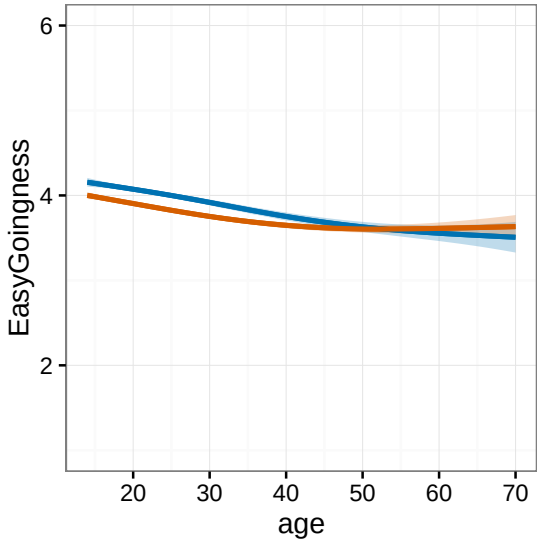


Figure A3-25: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

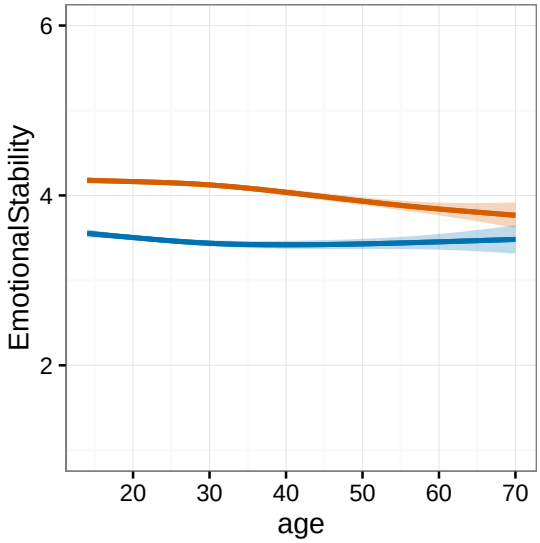


Figure A3-26: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

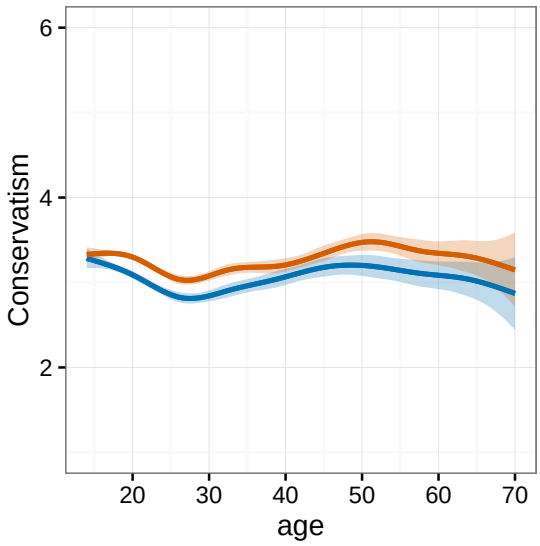


Figure A3-27: SPI-135-27 scale scores by age and gender; Males in blue and Females in red

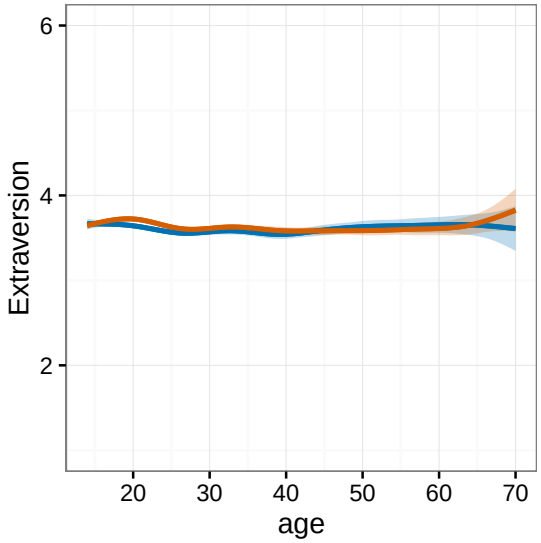


Figure A3-28: SPI-135-5 scale scores by age and gender; Males in blue and Females in red

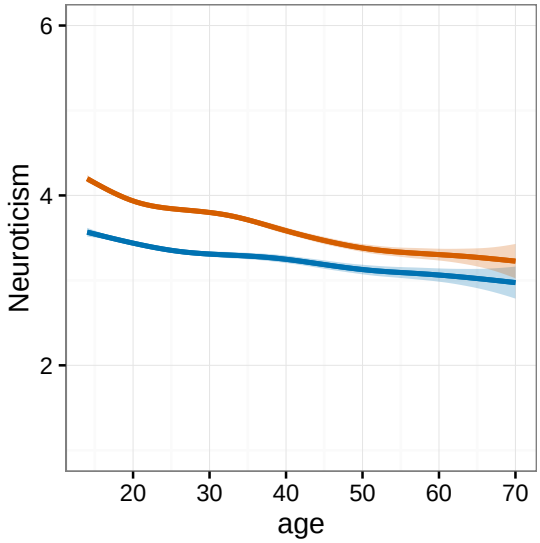


Figure A3-29: SPI-135-5 scale scores by age and gender; Males in blue and Females in red

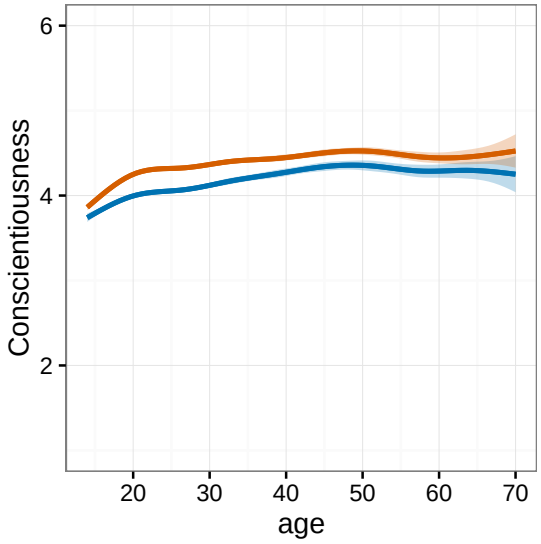


Figure A3-30: SPI-135-5 scale scores by age and gender; Males in blue and Females in red

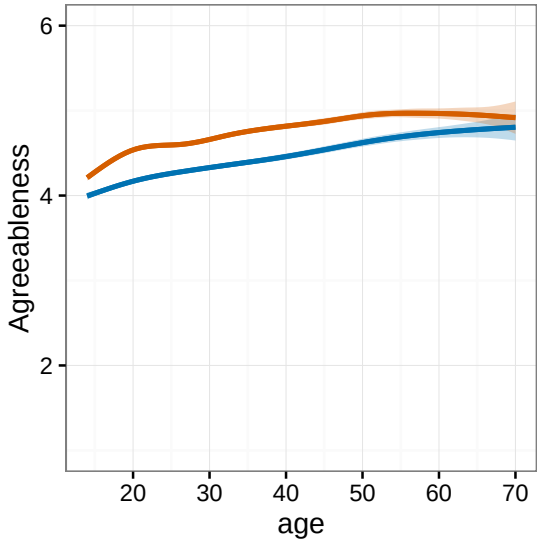


Figure A3-31: SPI-135-5 scale scores by age and gender; Males in blue and Females in red

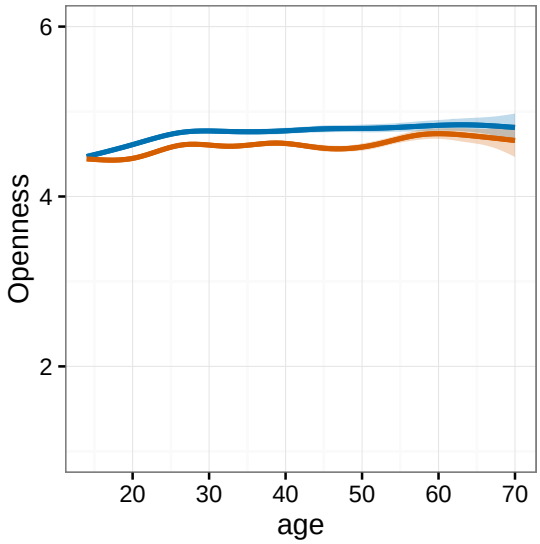


Figure A3-32: SPI-135-5 scale scores by age and gender; Males in blue and Females in red

Appendix D

SPI27-135 item calibrations and information curves

David M. Condon[⋆]

This appendix contains many pages of figures and tables that show the Item Information Functions, Test Information Functions and item calibrations for the SPI135-27 scales.

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_90	1.76	-4.40	-3.30	-2.53	-1.08	0.87
q_253	1.44	-3.43	-2.44	-1.66	-0.41	1.18
q_1763	1.52	-3.71	-2.76	-2.16	-0.95	0.83
q_851	1.04	-2.78	-2.07	-1.58	-0.61	0.59
q_1832	1.00	-2.78	-1.89	-1.19	-0.26	1.15

Table A4-1: Item calibrations for Compassion (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_952	-1.89	-1.92	-0.50	0.39	1.81	3.13
q_1357	-1.42	-1.60	-0.38	0.25	1.43	2.68
q_1585	1.09	-1.58	-0.39	0.55	1.24	2.29
q_1683	1.08	-1.98	-0.87	-0.03	0.69	1.73
q_176	1.01	-1.64	-0.60	0.28	0.94	2.01

Table A4-2: Item calibrations for Irritability (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1904	-1.49	-2.32	-1.14	-0.35	0.64	1.91
q_312	1.52	-1.81	-0.55	0.41	1.61	2.81
q_684	0.87	-1.87	-1.01	-0.47	0.23	1.02
q_4243	-0.94	-1.62	-0.73	-0.14	0.63	1.55
q_1923	1.17	-2.06	-1.10	-0.36	0.77	1.91

Table A4-3: Item calibrations for Sociability (27-F)

⋆This document is an appendix to *The SAPA Personality Inventory*. Correspondence should be directed to david-condon@northwestern.edu, Department of Medical Social Sciences, Northwestern University, Chicago, Illinois. Please use the following citation information: Condon, D.M. (2017). The SAPA Personality Inventory: an empirically-derived, hierarchically-organized self-report personality assessment model.

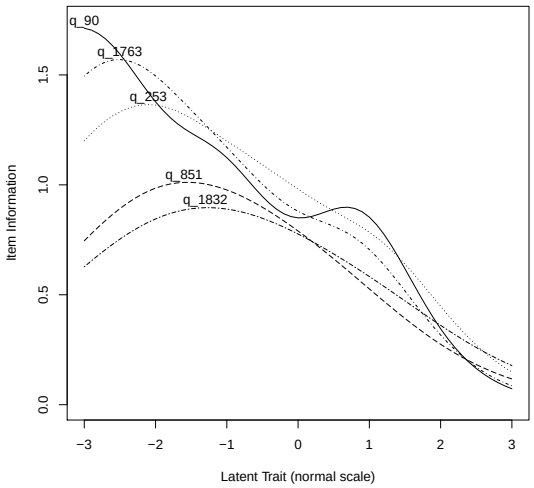


Figure A4-1: Compassion (27-F) Item Information Functions

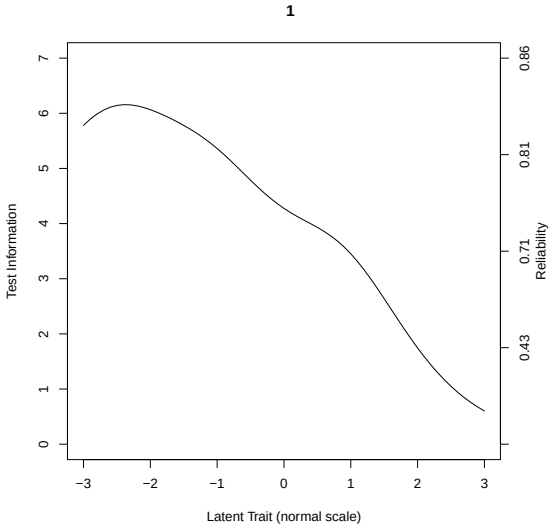


Figure A4-2: Compassion (27-F) Test Information Function

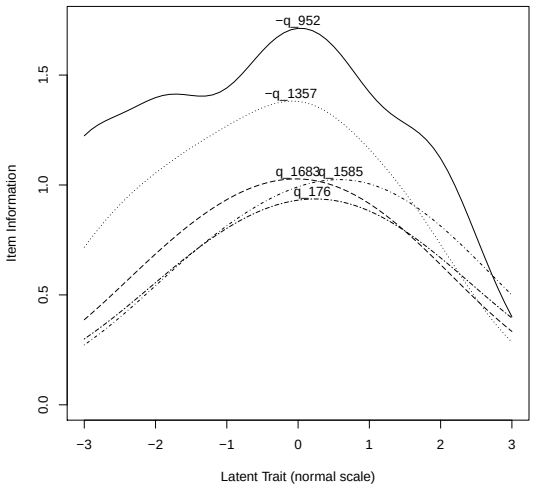


Figure A4-3: Irritability (27-F) Item Information Functions

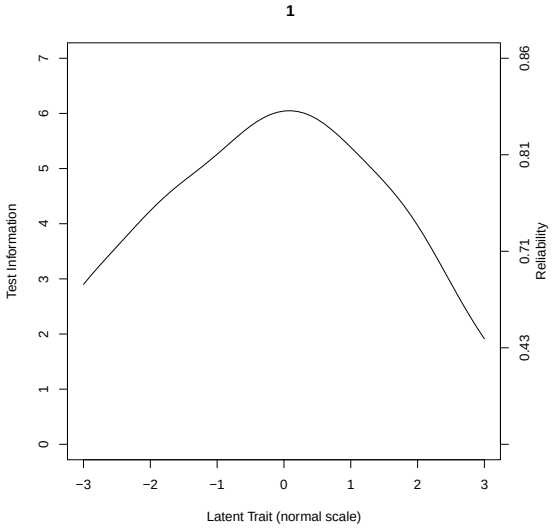


Figure A4-4: Irritability (27-F) Test Information Function

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_578	-1.74	-1.23	-0.10	0.64	1.76	2.79
q_811	-1.49	-1.29	-0.33	0.26	1.34	2.29
q_1371	1.18	-2.65	-1.93	-1.33	-0.45	0.72
q_2765	1.42	-2.77	-1.82	-1.14	-0.18	1.46
q_820	1.31	-2.54	-1.65	-0.98	-0.09	1.41

Table A4-4: Item calibrations for Well-Being (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1367	1.90	-1.33	-0.12	0.80	2.17	3.59
q_1664	1.68	-0.77	0.37	1.28	2.50	3.79
q_1662	0.90	-2.42	-1.63	-1.06	-0.06	0.96
q_1781	1.13	-2.29	-1.23	-0.51	0.71	2.01
q_598	0.96	-1.48	-0.63	-0.06	0.90	1.88

Table A4-5: Item calibrations for Sensation-Seeking (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_4249	1.20	-1.62	-0.71	-0.11	0.84	1.77
q_1989	1.81	-3.70	-2.57	-1.92	-0.56	1.01
q_4252	1.79	-2.98	-1.87	-1.20	0.05	1.34
q_1505	1.09	-1.31	-0.35	0.23	1.08	1.92
q_808	1.09	-1.88	-0.97	-0.42	0.49	1.48

Table A4-6: Item calibrations for Anxiety (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_4296	1.70	-0.43	0.89	1.70	2.75	3.78
q_1812	-1.31	-3.90	-2.94	-2.15	-1.07	0.93
q_2853	-0.84	-1.55	-0.65	0.08	0.52	1.35
q_1896	0.89	-0.42	0.50	1.10	2.04	2.79
q_501	1.00	0.02	0.89	1.44	2.34	3.00

Table A4-7: Item calibrations for Honesty (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_904	1.53	-2.02	-0.75	-0.01	1.19	2.42
q_1744	-1.19	-1.94	-0.79	0.06	0.94	2.04
q_1979	-0.90	-2.95	-2.19	-1.63	-0.83	0.41
q_1452	1.06	-0.82	0.27	0.90	1.91	2.88
q_1444	1.12	-1.86	-0.94	-0.33	0.74	1.84

Table A4-8: Item calibrations for Industry (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1253	-1.11	-1.07	0.11	0.84	1.72	2.61
q_240	1.82	-4.82	-3.66	-2.61	-0.98	1.21
q_493	1.28	-3.78	-2.90	-2.07	-0.84	0.81
q_422	0.99	-2.82	-2.00	-1.32	-0.38	0.95
q_1834	0.93	-2.80	-1.96	-1.23	-0.23	1.02

Table A4-9: Item calibrations for Intellect (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_128	1.67	-4.47	-3.22	-2.14	-0.63	0.95
q_2745	1.93	-5.00	-3.69	-2.56	-0.67	1.36
q_2754	1.20	-3.34	-2.44	-1.54	-0.21	1.20
q_1392	1.10	-3.23	-2.26	-1.44	-0.28	0.93
q_1058	0.78	-2.69	-1.98	-1.42	-0.58	0.39

Table A4-10: Item calibrations for Creativity (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_35	1.68	-1.69	-0.21	0.70	2.06	3.28
q_1424	1.18	-1.57	-0.40	0.38	1.53	2.62
q_1173	1.63	-1.84	-0.41	0.50	1.80	3.11
q_4223	-0.85	-2.48	-1.65	-0.98	-0.04	1.19
q_4276	0.98	-1.97	-0.98	-0.28	0.75	1.82

Table A4-11: Item calibrations for Impulsivity (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1416	1.79	-1.08	0.30	1.25	2.50	3.80
q_1296	1.58	-1.45	-0.30	0.53	1.78	3.06
q_565	-1.66	-2.76	-1.47	-0.42	0.62	1.78
q_1555	0.62	-0.76	-0.06	0.41	1.26	2.06
q_1027	-1.55	-2.55	-1.28	-0.26	0.70	1.73

Table A4-12: Item calibrations for Attention-Seeking (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1201	-1.92	-3.17	-1.71	-0.71	0.54	2.26
q_1254	1.57	-2.07	-1.12	-0.54	0.52	1.69
q_1483	0.94	-1.43	-0.55	-0.05	0.75	1.64
q_169	0.58	-1.22	-0.41	0.20	0.80	1.60
q_1290	-0.73	-2.48	-1.75	-1.18	-0.19	0.87

Table A4-13: Item calibrations for Order (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_369	0.93	-2.24	-1.23	-0.45	0.51	1.73
q_398	0.58	-2.10	-1.39	-0.82	0.01	0.98
q_1624	1.62	-3.50	-2.42	-1.76	-0.77	1.09
q_1867	1.20	-3.16	-2.20	-1.56	-0.41	1.17
q_1609	-1.06	-1.27	-0.38	0.23	1.19	2.18

Table A4-14: Item calibrations for Authoritarianism (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_254	1.19	-2.36	-1.42	-0.71	0.23	1.51
q_901	-0.85	-1.41	-0.57	-0.06	0.70	1.54
q_1045	1.39	-2.76	-1.67	-0.79	0.53	1.93
q_131	0.75	-0.97	-0.34	0.12	0.77	1.54
q_1242	-1.23	-1.41	-0.08	0.91	1.81	2.82

Table A4-15: Item calibrations for Charisma (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1855	1.46	-2.54	-1.35	-0.43	0.80	2.69
q_4289	1.42	-2.68	-1.61	-0.87	0.25	1.98
q_377	1.28	-2.90	-1.92	-1.08	0.20	1.88
q_871	-0.90	-1.85	-0.74	-0.04	0.86	1.79
q_379	0.92	-2.15	-1.30	-0.57	0.54	1.88

Table A4-16: Item calibrations for Trust (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1243	1.80	-4.34	-3.17	-2.23	-0.85	0.78
q_1244	1.26	-2.99	-2.21	-1.65	-0.62	0.62
q_1248	1.01	-2.14	-1.34	-0.64	0.39	1.40
q_296	0.83	-2.74	-2.14	-1.59	-0.42	0.86
q_1685	-0.56	-0.53	0.31	0.77	1.27	1.91

Table A4-17: Item calibrations for Humor (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_219	1.88	-2.42	-1.12	-0.32	0.71	2.24
q_1081	-1.16	-1.70	-0.75	-0.24	0.63	1.63
q_1706	0.47	-1.13	-0.39	0.05	0.78	1.61
q_1635	-0.87	-1.91	-0.93	-0.37	0.45	1.40
q_803	1.07	-2.12	-1.17	-0.48	0.30	1.44

Table A4-18: Item calibrations for Emotional Expressiveness (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_607	1.19	-0.79	0.19	0.90	1.46	2.12
q_348	-1.68	-3.45	-2.51	-1.79	-0.61	0.69
q_610	1.97	-0.19	1.15	2.14	3.00	3.90
q_1132	-0.45	-0.95	-0.44	-0.10	0.57	1.30
q_612	0.76	-0.92	-0.15	0.49	0.99	1.57

Table A4-19: Item calibrations for Art Appreciation (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1389	1.74	-4.38	-3.34	-2.42	-0.98	0.61
q_1738	1.49	-4.20	-3.24	-2.49	-1.14	0.46
q_1880	0.93	-3.14	-2.68	-2.21	-1.22	-0.05
q_755	0.92	-2.58	-1.85	-1.28	-0.45	0.54
q_1310	0.65	-2.31	-1.67	-1.17	-0.40	0.46

Table A4-20: Item calibrations for Introspection (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_571	0.96	-2.67	-1.84	-1.17	-0.23	0.96
q_1915	0.99	-2.89	-1.85	-1.14	-0.14	1.02
q_1694	0.72	-2.74	-2.08	-1.54	-0.71	0.40
q_530	1.23	-3.13	-1.97	-1.08	0.08	1.56
q_142	0.23	-1.27	-0.45	0.06	0.69	1.46

Table A4-21: Item calibrations for Perfectionism (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1462	0.57	-1.30	-0.33	0.49	1.06	1.84
q_1590	0.94	-1.80	-0.61	0.36	1.16	2.17
q_1461	0.56	-1.64	-0.89	-0.28	0.15	0.82
q_56	1.16	-2.20	-1.05	-0.22	0.78	2.14
q_736	1.13	-2.14	-0.90	0.03	0.94	2.20

Table A4-22: Item calibrations for Self-Control (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1300	1.32	-2.25	-1.26	-0.49	0.47	1.74
q_2005	0.52	-1.00	-0.19	0.32	0.84	1.47
q_747	0.93	-1.16	-0.31	0.40	1.28	2.26
q_152	1.33	-1.92	-0.91	-0.24	0.62	1.69
q_1653	1.27	-1.81	-0.83	-0.16	0.77	1.91

Table A4-23: Item calibrations for Conformity (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_566	2.09	-3.01	-1.24	-0.08	1.57	3.21
q_689	1.80	-2.20	-0.67	0.35	1.66	2.93
q_1542	-0.65	-1.94	-1.15	-0.46	0.29	1.15
q_39	-0.67	-2.30	-1.53	-0.91	-0.08	1.15
q_1303	-0.61	-2.57	-1.89	-1.28	-0.30	0.73

Table A4-24: Item calibrations for Adaptability (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1329	1.20	-2.97	-2.00	-1.34	-0.13	1.23
q_1281	0.85	-2.46	-1.65	-1.05	-0.03	1.08
q_1052	0.66	-1.32	-0.48	0.10	0.89	1.76
q_1024	0.63	-1.30	-0.62	-0.18	0.57	1.44
q_1280	0.48	-2.07	-1.23	-0.57	0.40	1.48

Table A4-25: Item calibrations for Easy-Goingness (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1840	0.72	-1.56	-0.74	-0.11	0.57	1.43
q_797	0.88	-1.07	-0.13	0.49	1.13	1.97
q_979	-1.41	-2.17	-1.06	-0.41	0.61	1.67
q_793	-1.23	-2.59	-1.62	-0.94	-0.02	1.09
q_174	1.31	-1.31	-0.10	0.68	1.40	2.52

Table A4-26: Item calibrations for Emotional Stability (27-F)

	slope	thresh1	thresh2	thresh3	thresh4	thresh5
q_1824	0.79	-0.38	0.17	0.71	1.36	1.93
q_660	-1.43	-1.62	-0.86	-0.37	0.09	0.81
q_345	2.05	-0.11	0.48	0.91	1.40	1.96
q_1825	-0.71	-1.20	-0.80	-0.32	0.29	0.94
q_1328	0.58	-1.17	-0.76	-0.40	0.08	0.60

Table A4-27: Item calibrations for Conservatism (27-F)

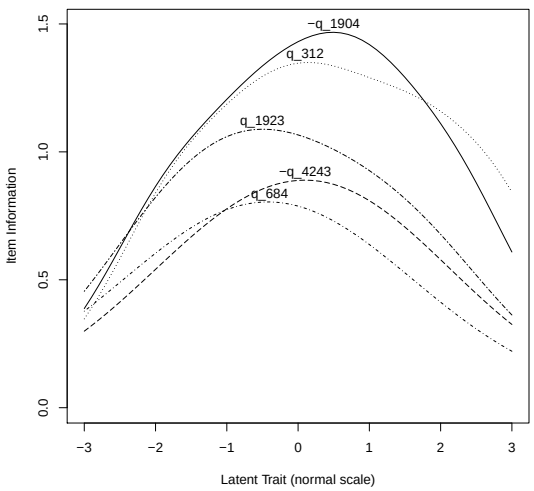


Figure A4-5: Sociability (27-F) Item Information Functions

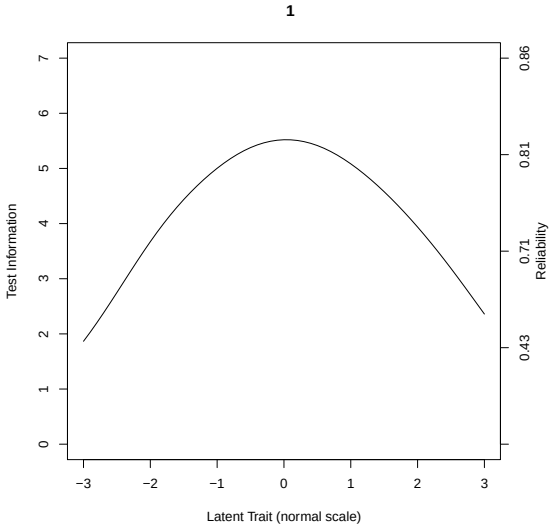


Figure A4-6: Sociability (27-F) Test Information Function

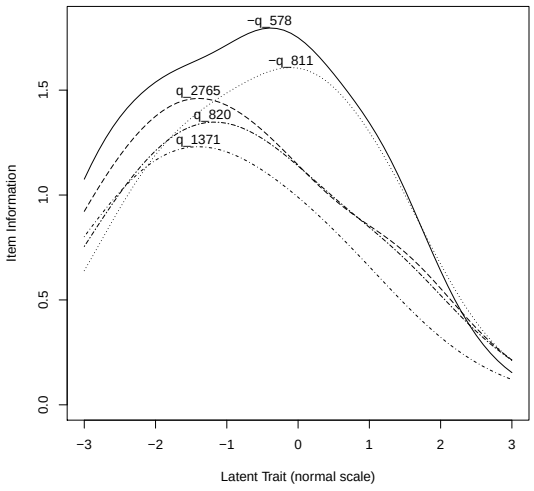


Figure A4-7: Well-Being (27-F) Item Information Functions

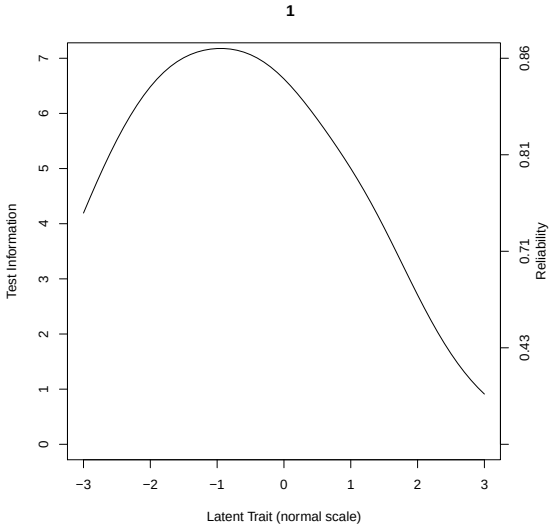


Figure A4-8: Well-Being (27-F) Test Information Function

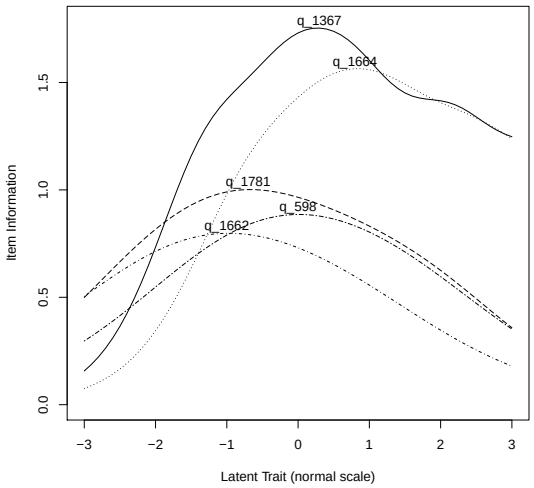


Figure A4-9: Sensation-Seeking (27-F) Item Information Functions

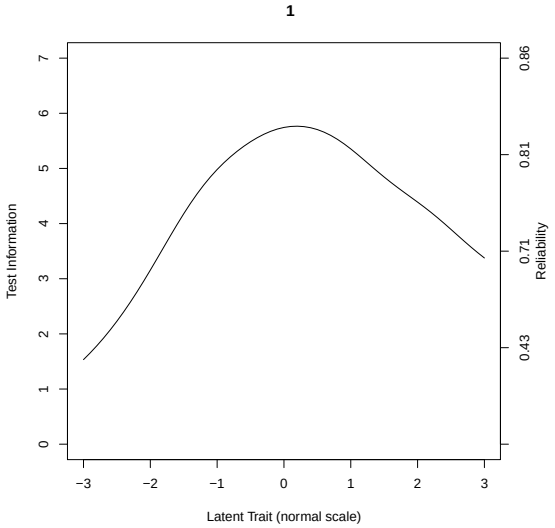


Figure A4-10: Sensation-Seeking (27-F) Test Information Function

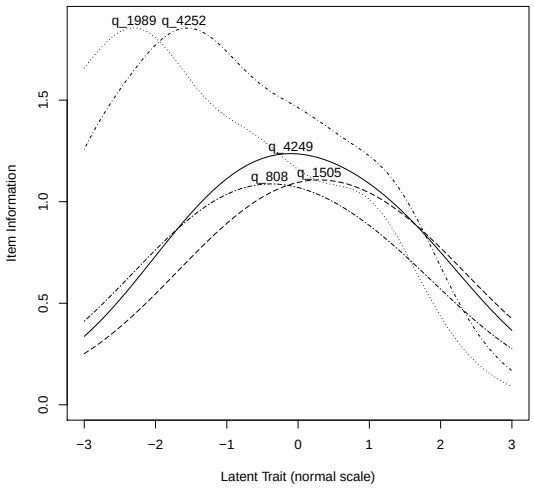


Figure A4-11: Anxiety (27-F) Item Information Functions

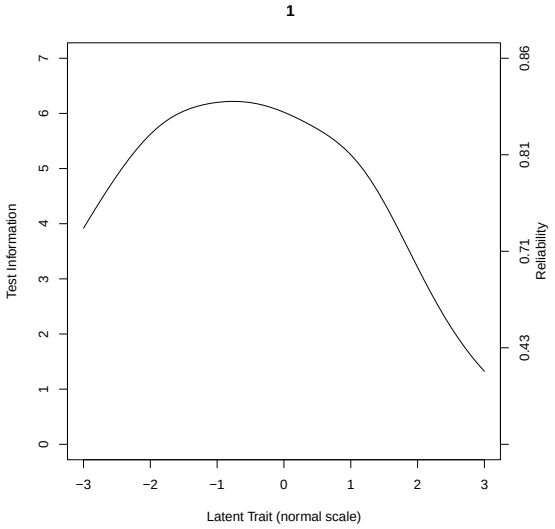


Figure A4-12: Anxiety (27-F) Test Information Function

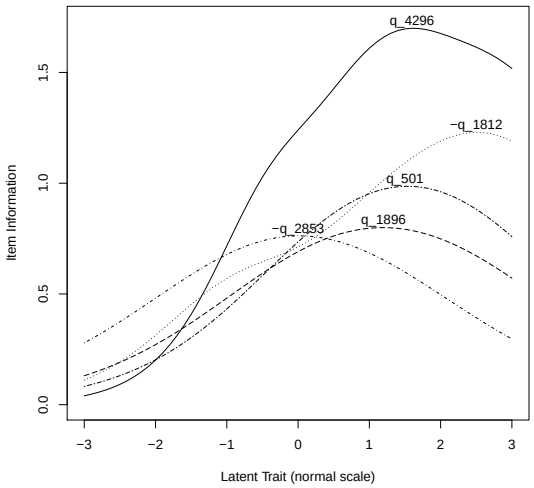


Figure A4-13: Honesty (27-F) Item Information Functions

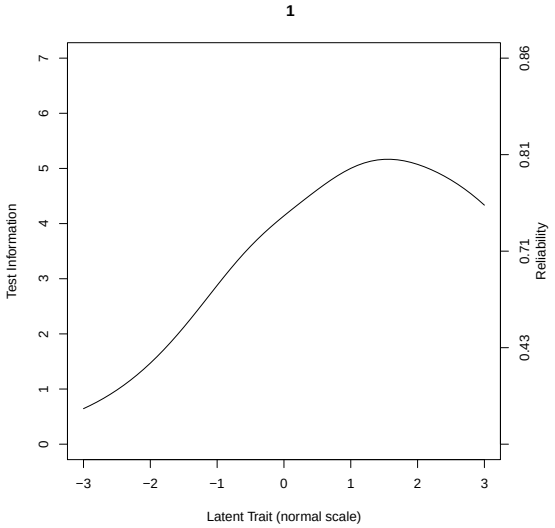


Figure A4-14: Honesty (27-F) Test Information Function

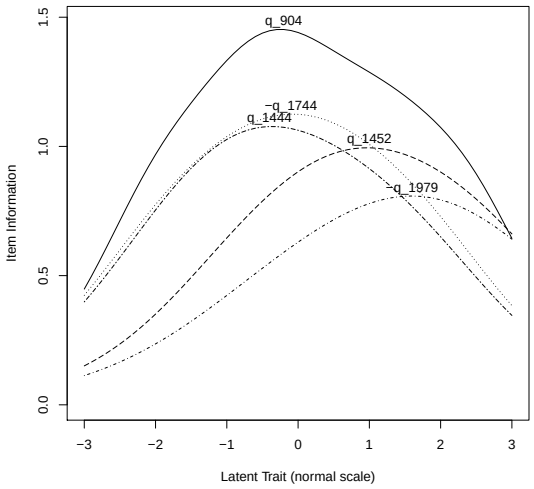


Figure A4-15: Industry (27-F) Item Information Functions

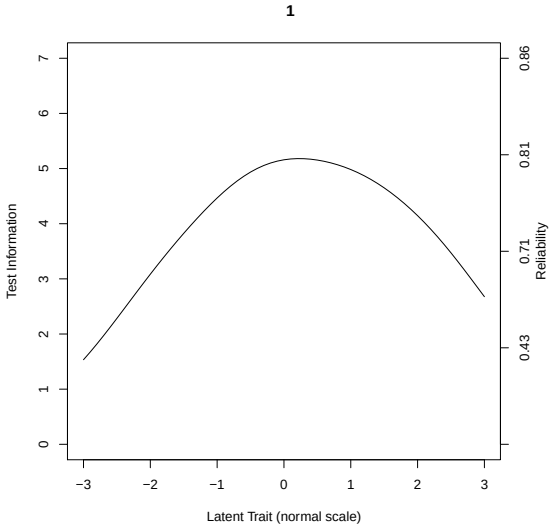


Figure A4-16: Industry (27-F) Test Information Function

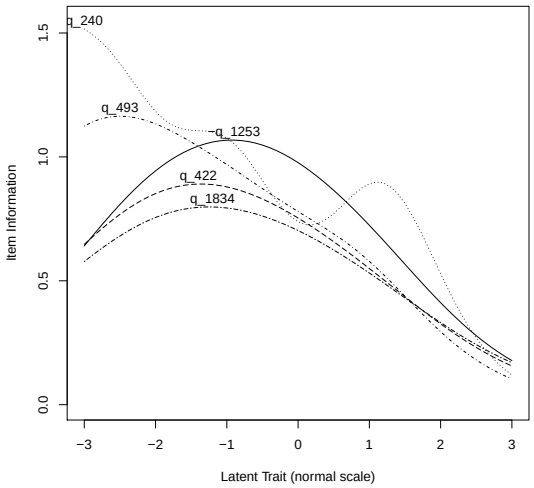


Figure A4-17: Intellect (27-F) Item Information Functions

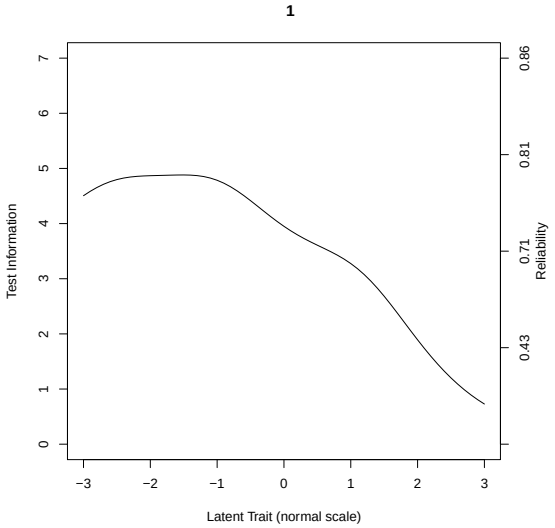


Figure A4-18: Intellect (27-F) Test Information Function

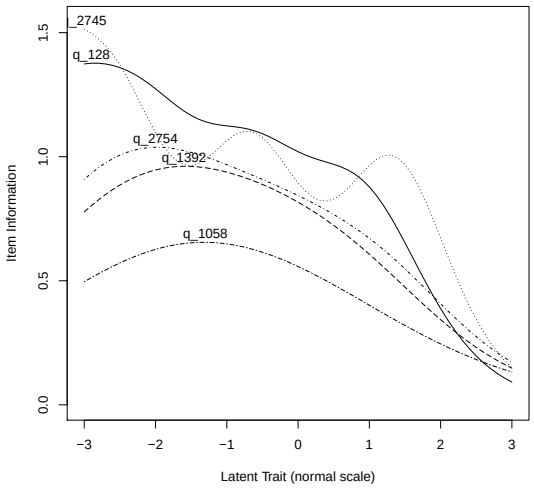


Figure A4-19: Creativity (27-F) Item Information Functions

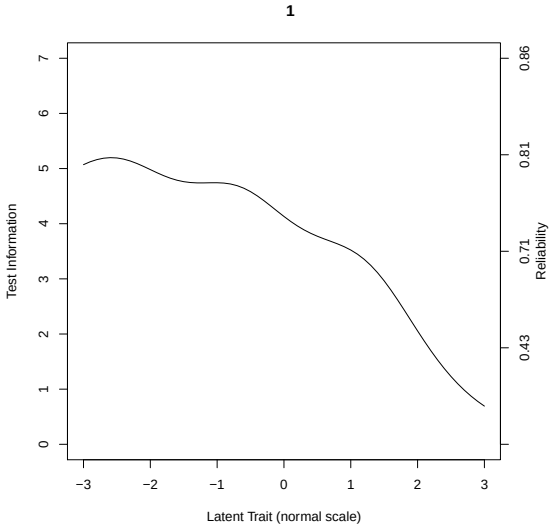


Figure A4-20: Creativity (27-F) Test Information Function

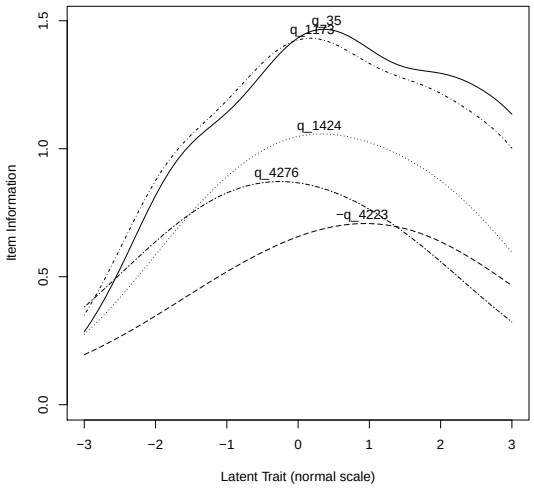


Figure A4-21: Impulsivity (27-F) Item Information Functions

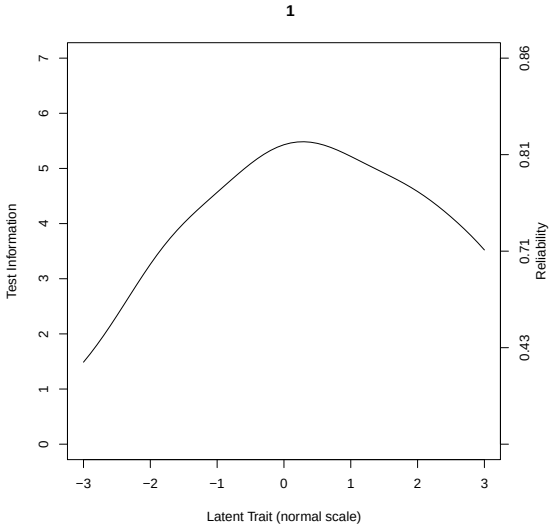


Figure A4-22: Impulsivity (27-F) Test Information Function

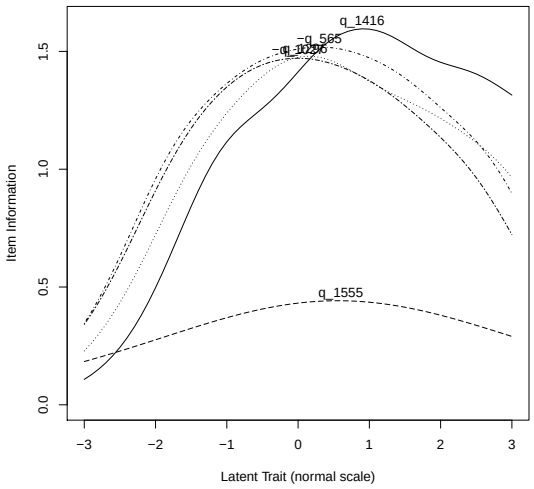


Figure A4-23: Attention-Seeking (27-F) Item Information Functions

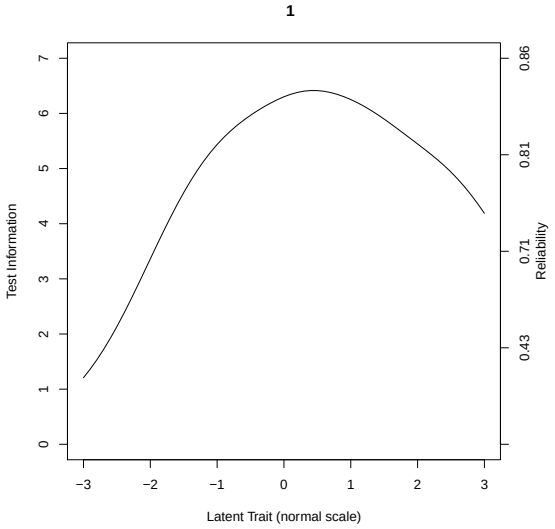


Figure A4-24: Attention-Seeking (27-F) Test Information Function

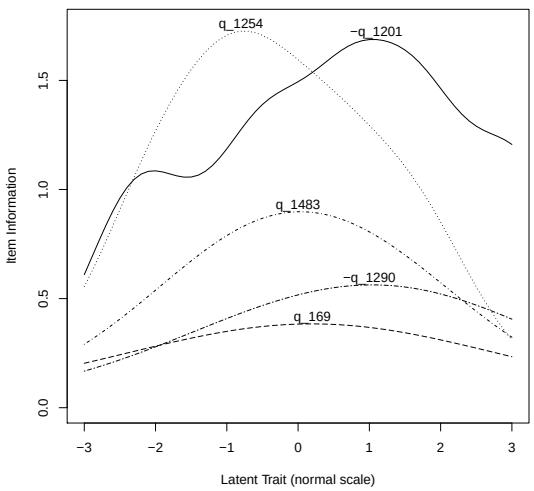


Figure A4-25: Order (27-F) Item Information Functions

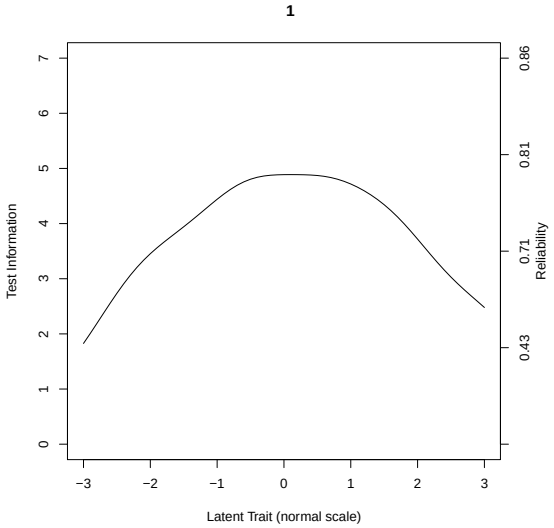


Figure A4-26: Order (27-F) Test Information Function

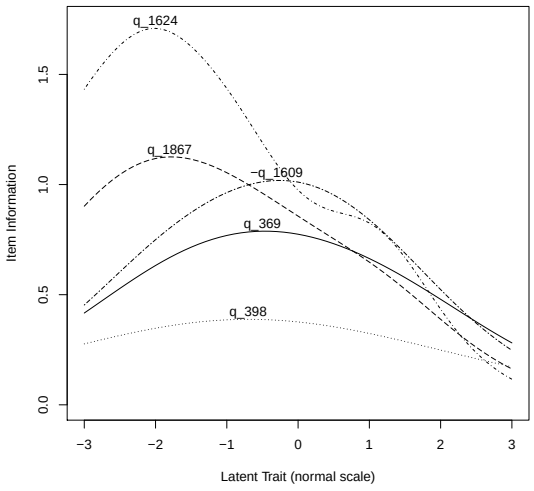


Figure A4-27: Authoritarianism (27-F) Item Information Functions

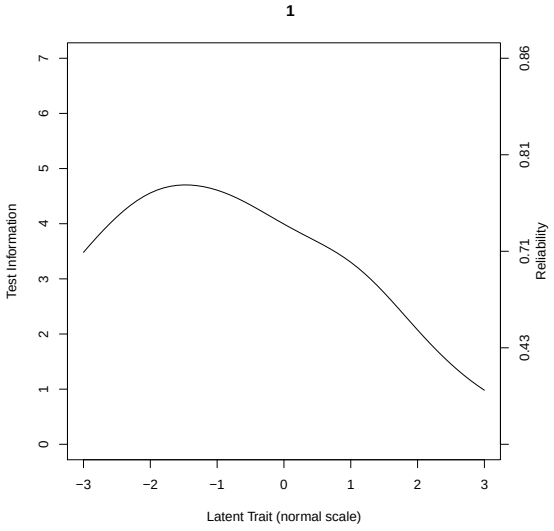


Figure A4-28: Authoritarianism (27-F) Test Information Function

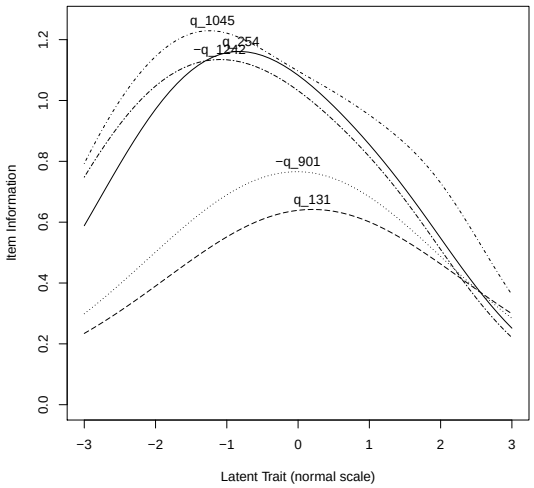


Figure A4-29: Charisma (27-F) Item Information Functions

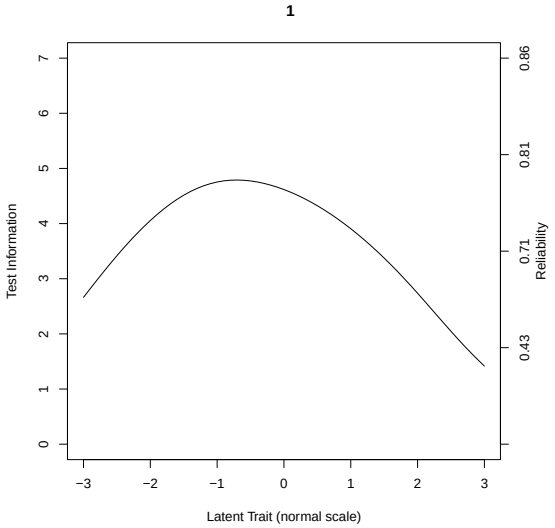


Figure A4-30: Charisma (27-F) Test Information Function

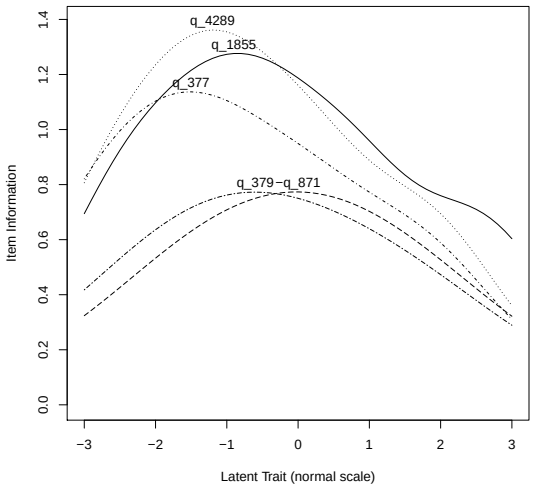


Figure A4-31: Trust (27-F) Item Information Functions

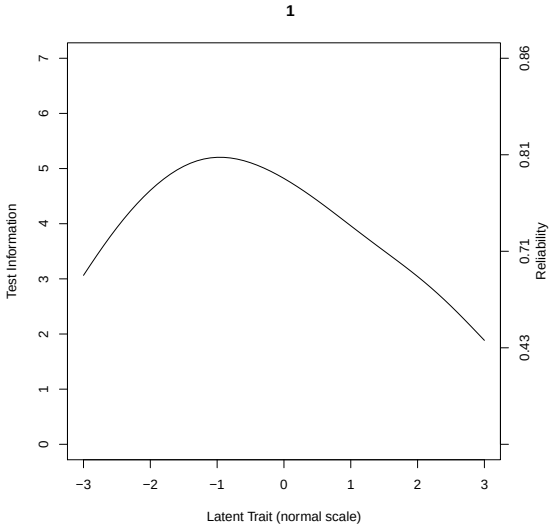


Figure A4-32: Trust (27-F) Test Information Function

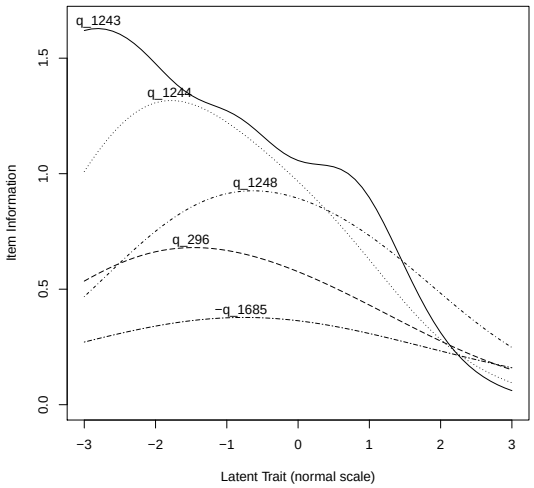


Figure A4-33: Humor (27-F) Item Information Functions

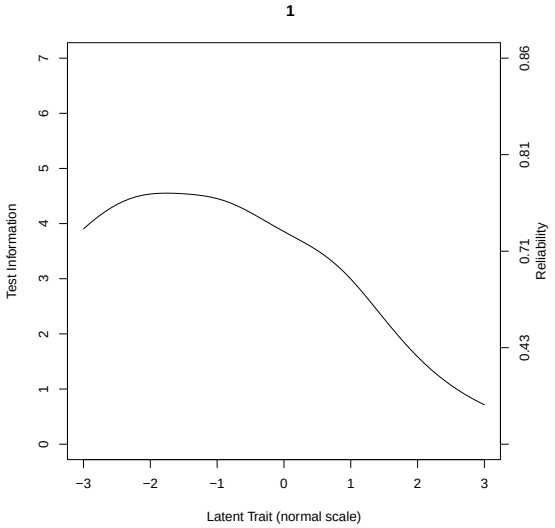


Figure A4-34: Humor (27-F) Test Information Function

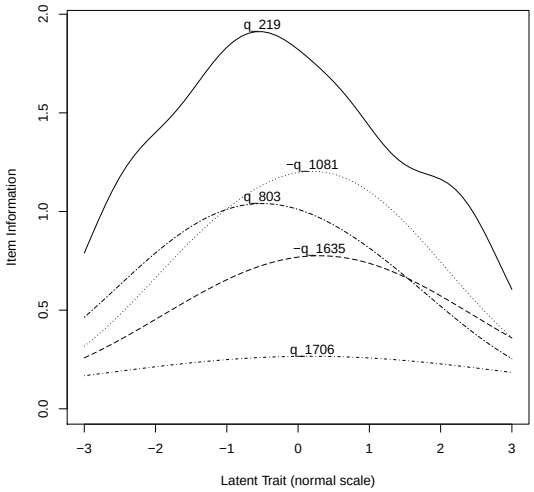


Figure A4-35: Emotional Expressiveness (27-F) Item Information Functions

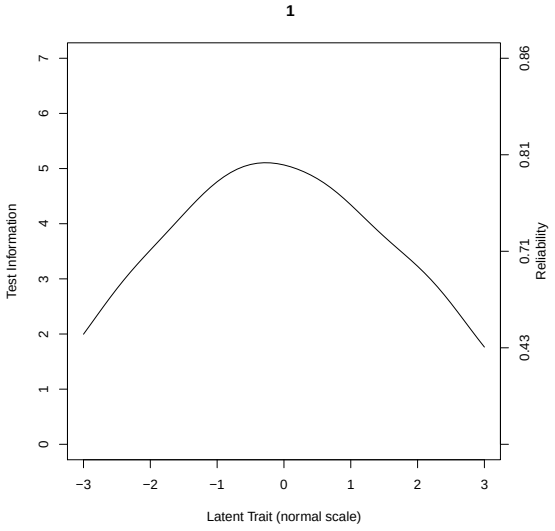


Figure A4-36: Emotional Expressiveness (27-F) Test Information Function

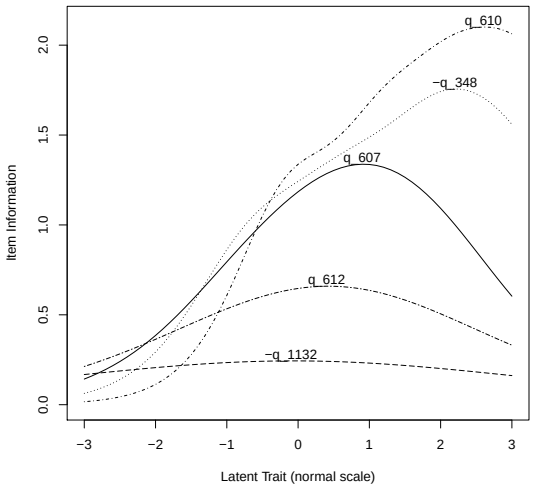


Figure A4-37: Art Appreciation (27-F) Item Information Functions

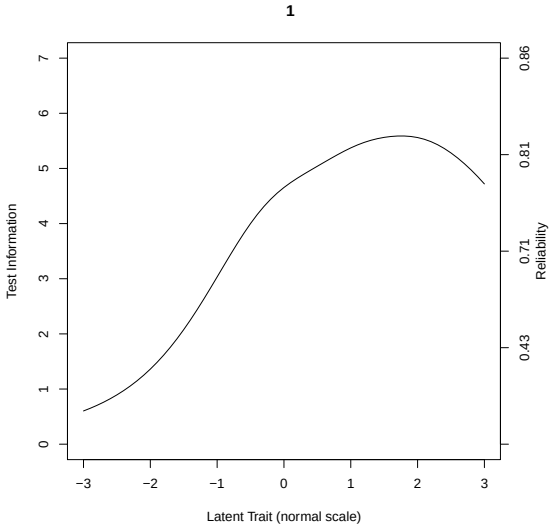


Figure A4-38: Art Appreciation (27-F) Test Information Function

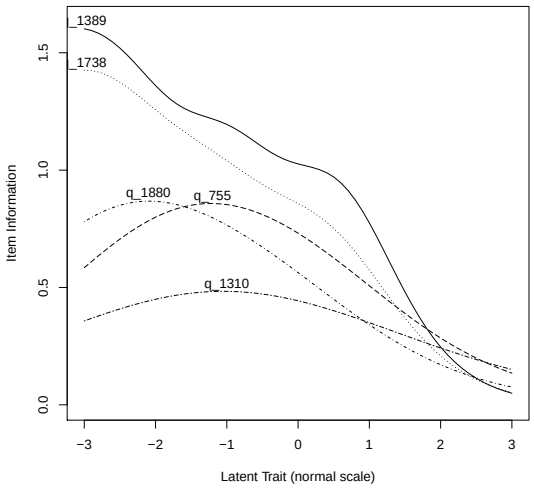


Figure A4-39: Introspection (27-F) Item Information Functions

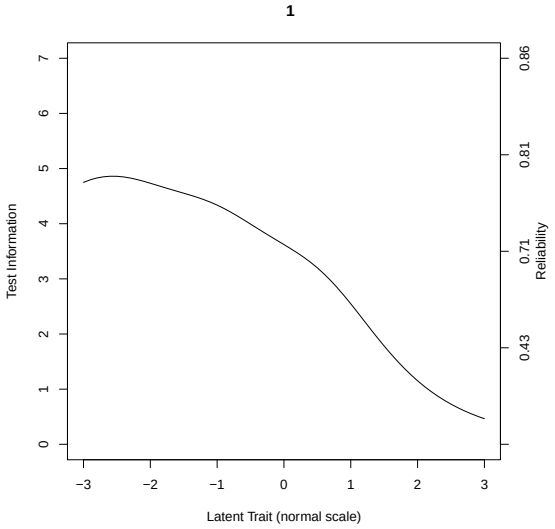


Figure A4-40: Introspection (27-F) Test Information Function

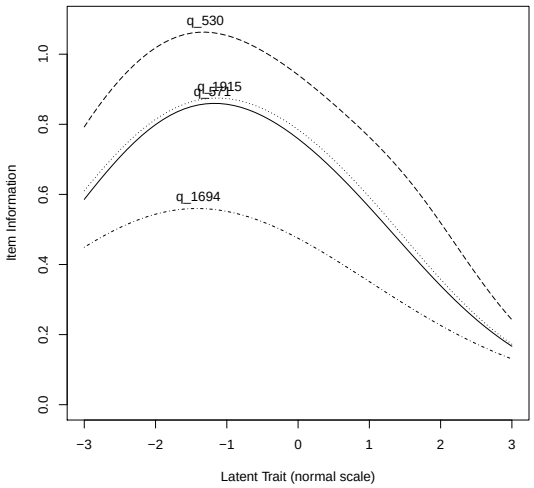


Figure A4-41: Perfectionism (27-F) Item Information Functions

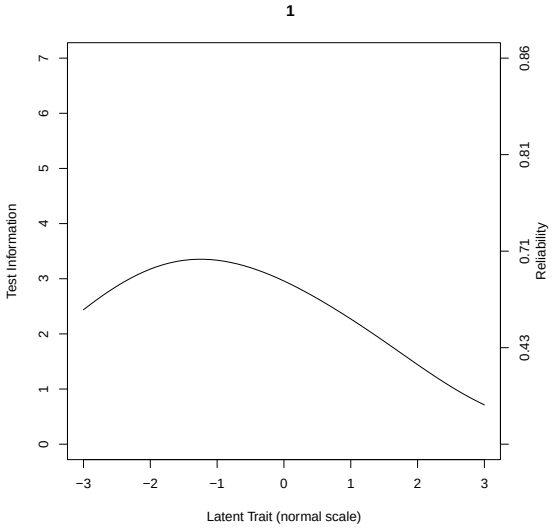


Figure A4-42: Perfectionism (27-F) Test Information Function

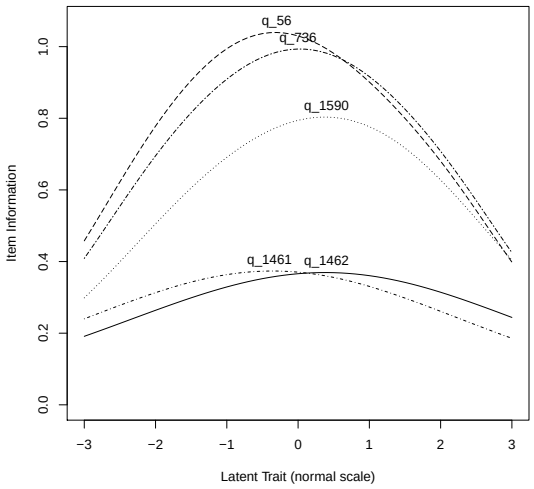


Figure A4-43: Self-Control (27-F) Item Information Functions

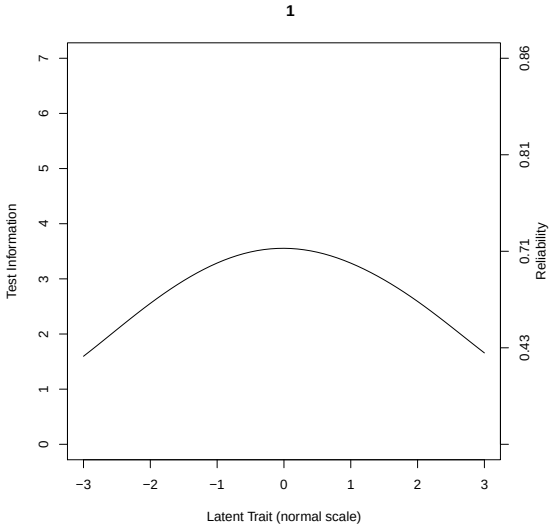


Figure A4-44: Self-Control (27-F) Test Information Function

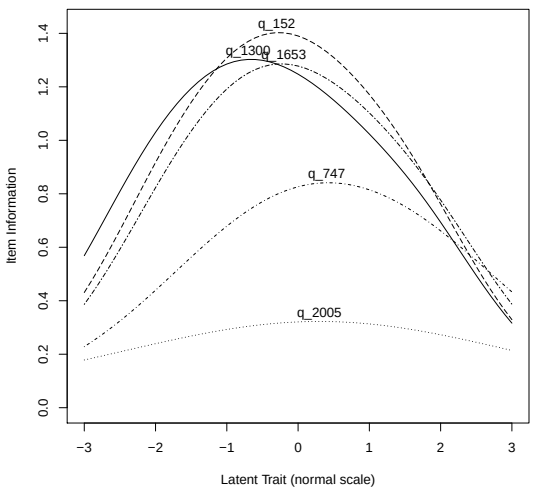


Figure A4-45: Conformity (27-F) Item Information Functions

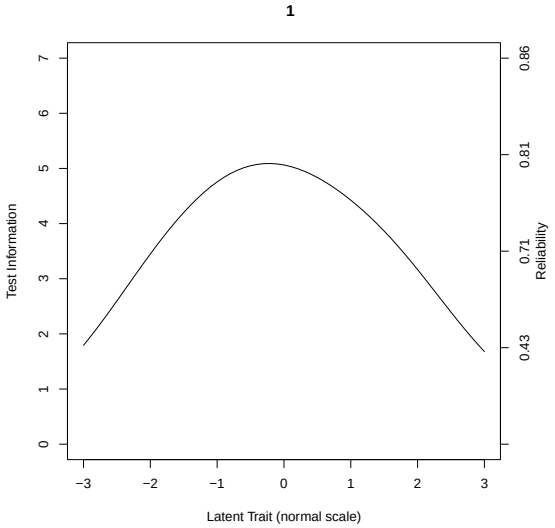


Figure A4-46: Conformity (27-F) Test Information Function

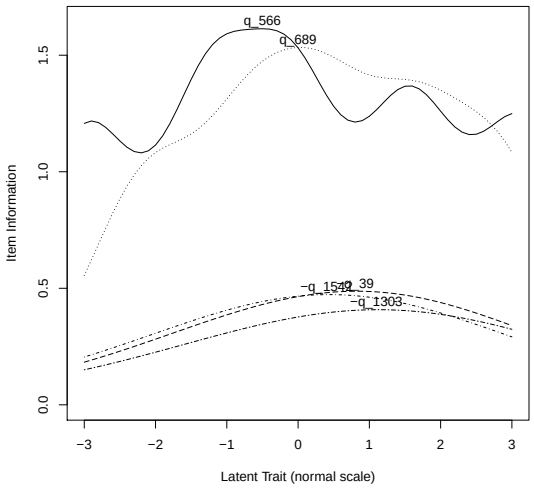


Figure A4-47: Adaptability (27-F) Item Information Functions

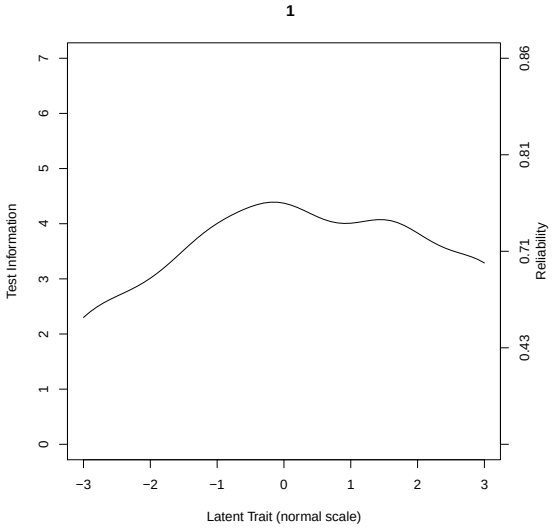


Figure A4-48: Adaptability (27-F) Test Information Function

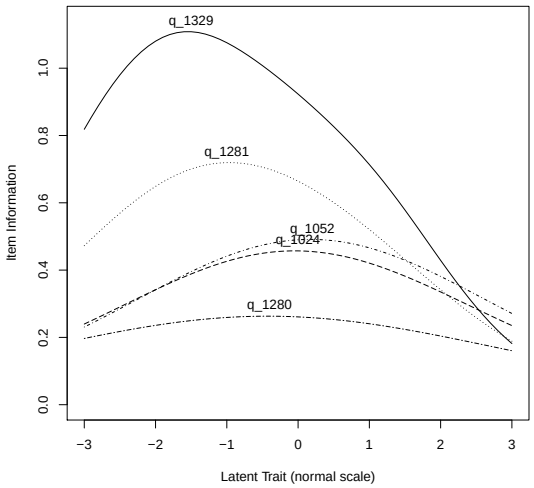


Figure A4-49: Easy-Goingness (27-F) Item Information Functions

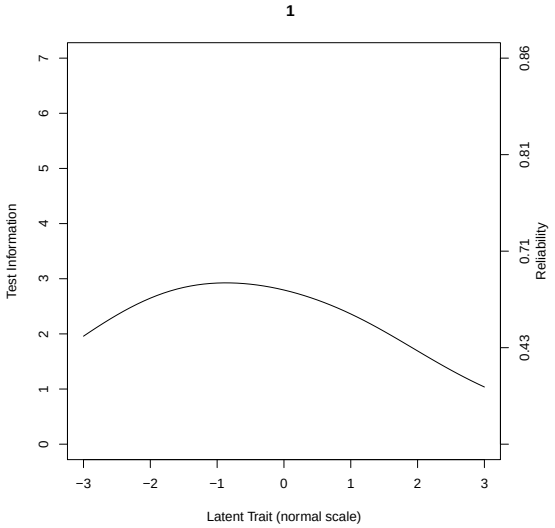


Figure A4-50: Easy-Goingness (27-F) Test Information Function

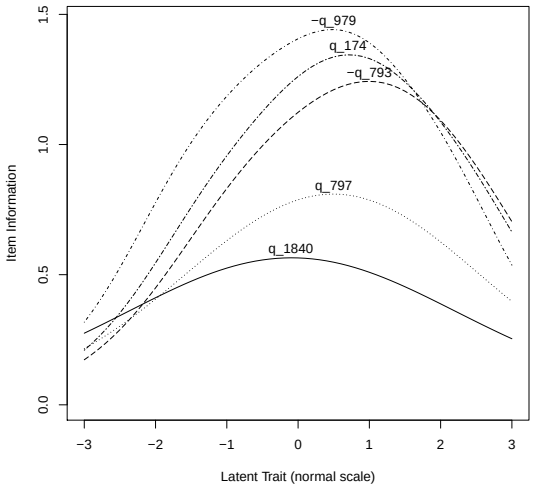


Figure A4-51: Emotional Stability (27-F) Item Information Functions

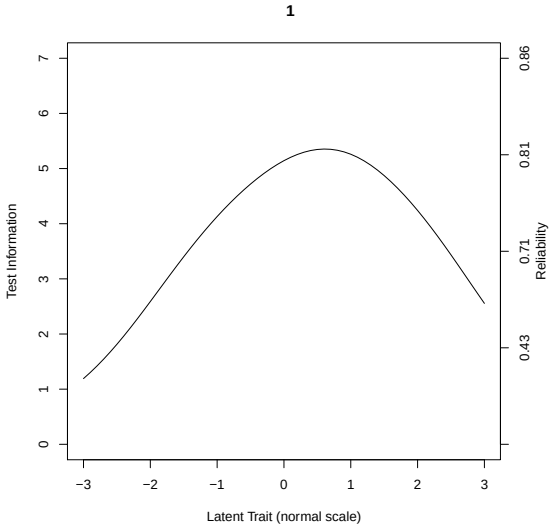


Figure A4-52: Emotional Stability (27-F) Test Information Function

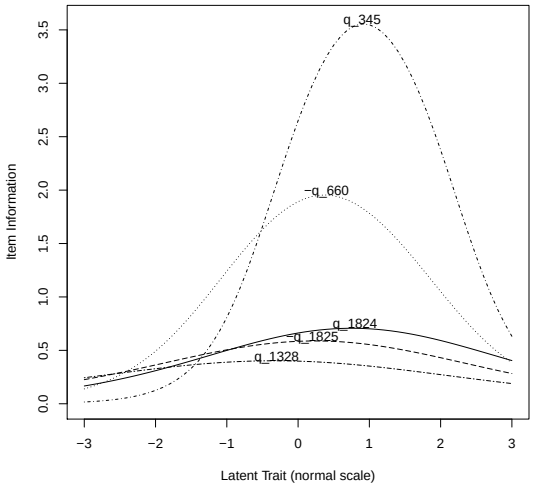


Figure A4-53: Conservatism (27-F) Item Information Functions

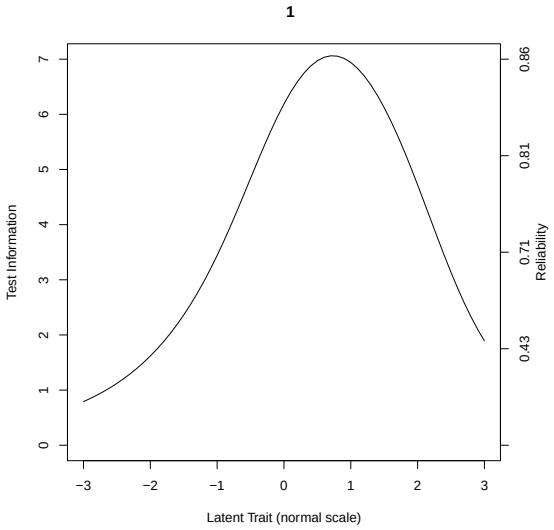


Figure A4-54: Conservatism (27-F) Test Information Function

Appendix E

Recommendations for Personality Assessment Using SPI Forms

David M. Condon[⋆]

Since beginning this project, I've been increasingly asked for advice about the "best" way to assess personality. No surprise – people want a simple answer to a complicated question. Of course, there isn't a simple answer but I figured it might save me time in the long run to write out a decision-tree-like response that works for most circumstances. My responses are limited to the SPI measures because (a) I feel most qualified to advocate for these tools; (b) I think they're pretty good (though there are other useful options too[52]); and (c) I am biased by a desire to see them used more widely.

For each of the questions below (that is, questions from me to you), I have provided advice based on the most likely responses. I reserve the right to update my answers later and, in fact, it would be useful for me know if these recommendations are not helpful, for whatever reason. Feel free to contact me with this feedback; courtesy is always appreciated. Please remember that these items and scales are freely-available for use in the public domain. I make absolutely no warranties about their use or mis-use by others.

Q1: Why do you want to assess personality?

1. To understand myself better: Great. I applaud this. Know thyself, etc. I recommend you take a personality assessment like those available for free online at sapa-project.org or outofservice.com or IPIP-NEO. These sites are managed by academic personality researchers and they will give you feedback on your personality that is based on your responses. You might also consider how these sites compare to other tools you can find on the internet. I dislike the MBTI® and would caution anyone against paying a lot of money to take it[53] But, it is among the most widely-used measures, thanks to having been around for 75 years and a cult-like following among non-scientists. My own view is that, if you're going to use a measure with poor validity, you might as well use something more fun — why not astrology or personality-typologies based on your favorite color, comic, book,[54] or film?

[STOP]
If this is your response, my advice ends here.

2. To make an important decision based upon your own or someone else's personality: Yep. I think most people — myself included — choose to believe that many decisions in life can be optimized by identifying the choice that fits who we are as a person... based on our individual differences. Unfortunately, I am reluctant to give advice about personality assessment for this type of purpose. Others will do it (often for a fee) but, with a few exceptions, I don't think our field has advanced enough yet to be prescriptive about important outcomes at the level of the individual (though I do think we're getting pretty good at making personality-based predictions *for groups*). Those who use personality assessments as criteria in important decisions also take other factors into account. Incidentally, I got started on this project because it seemed

⋆This document is an appendix to *The SAPA Personality Inventory*. Correspondence should be directed to david-condon@northwestern.edu, Department of Medical Social Sciences, Northwestern University, Chicago, Illinois. Please use the following citation information: Condon, D.M. (2017). The SAPA Personality Inventory: an empirically-derived, hierarchically-organized self-report personality assessment model.

[52]Consider the 60-item BFI-2 and the 120-Item version of the IPIP-NEO.

[53]This is not an uninformed opinion. I think it's fine as a means of encouraging people to recognize the importance of personality. But it's less valid and less insightful than more recently developed tools of personality science. See https://sapa-project.org/dmc/blog/myersbriggs.html

[54]Grey squirrel.

logical to me that the development of more empirically-derived measurement tools will (eventually) lead to more sophisticated models for predicting important life outcomes. The tools described here are a step in that direction but not an endpoint.

[STOP]
If this is your response, my advice ends here.
Many people who give this response also endorse response 3 below.
If this includes you, keep reading.

3. To explore the ways that personality relates to other topics: I like you. There are lots of options and I am happy to talk through the many alternatives if the following recommendations don't work for your needs. I believe the measures described here are as good or better than other widely-used options. But, I'm biased, so don't take my word for it! This Appendix is part of a very long manual that shows every detail of the steps taken to develop these tools, and I encourage you to spend some time understanding my approach. As I'm writing this, preliminary validation analyses have been completed but not yet published. Much more validation work is needed.

To be clear, **my long-term goal is to maximize the predictive utility of self-report personality assessments**. Like you, I want to understand how and how much personality relates to other stuff. I hope that you benefit from the use of these scales but also that you will provide informed critiques and suggestions that help me and others to achieve this goal.

[MOVE ON TO QUESTION 2.]

Q2: How many items are you willing to give each respondent? In other words, how much time do you have to assess each respondent?

Note that my answers to this question assume that you intend to administer all of the same items to each participant. If you're willing and able to use a computer adaptive test or a planned missingness design, my answers would differ — see question 3.

1. Very few items - less than 3 minutes: You don't have time for much. If you have reason to believe that one or more specific personality traits are relevant for your research, look for a match among the 27 factor scales listed in Table A5-1. Each of these scales contains 5 items and you have enough time to ask roughly 15 or fewer items in total, depending on your sample.

[STOP]
If this is your response, my advice ends here.
Try a literature review to identify personality traits that match your criterion.

2. 20 to 45 items - 5 minutes +/− 2 minutes: One option is the SPI-20-5 (this is the 5th assessment form listed in Appendix F). It takes 3 to 5 minutes to complete and it's the shortest SPI measure that I'm willing to recommend. As denoted by the name, it contains 20 items and can be scored to provide 5-factor scores that are consistent with Big Five research. The factors are Extraversion, Neuroticism, Conscientiousness, Openness and Agreeableness. These scales correlate reasonably well with the "mini-IPIP" measures (Donnellan et al., 2006) as shown in Figure A5-1, though they actually correlate *considerably* better with the 50 and 100 item versions of the IPIP Big Five Factor Markers.

A better option would be the SPI-45-5 (the 4th assessment form in Appendix F). These 45 items provide scores on the same 5-factors with greater precision (i.e., higher correlations with IPIP-based alternatives) and higher internal consistency (each form in Appendix F includes a table of internal consistencies at the end). Figure A5-1 shows that correlations with the 50 items of the Big Five Factor Markers (Goldberg, 1992, 1999) after correcting for item overlap range from .79 to .84.[55] It takes about 7 minutes.

If you are interested in more narrowly-defined facets, you might consider giving the "signal items" listed in the 6th form in Appendix F. This list includes one item from each of the 27 facets. The items were

[55] Correlations with the 44-item Big Five Inventory (John and Srivastava, 1999) and the 60-item Big Five Inventory-2 (Soto and John, 2016) are forthcoming.

identified based on informativeness using item-response scoring in the full sample of 126,884 participants (see the manuscript associated with this Appendix for more information about the sample). While single-item measures can be problematic for many reasons (particularly with small samples), this approach could be useful for hypothesis generation and/or exploratory analyses. I have also been asked to develop an option that blends the 20-item 5-factor form and the 27-factor signal items form. In response, I have developed a 35-item measure that contains all of the signal items and 8 additional items in order to produce acceptably reliable 5-factor scores. I do not believe these 5-factor scales are as good as those in the 20-item measure but they remain a good option for researchers who want the shortest possible hierarchical measure. This is the last form in Appendix F.

[STOP]
If this is your response, my advice ends here.

3. I want a good measure and I'm willing to give up to 15 minutes: Nice. I recommend the SPI-81-27&5 (this is the 2nd assessment form in Appendix F). This measure has 81 items and it can be scored to produce good 5-factor scores *and* coarse measures of the 27-factor scales. The 27-factor scores provide measurement of more narrowly defined constructs than the broader 5-factor scores; for most outcomes, the 27-factor scores are likely to be more highly predictive than the 5-factor outcomes. Correlations between the 5-factor scores for these 81 items and the 100 items of the IPIP Big Five Factor Markers are shown in Figure A5-1 and range from .78 to .85. These 81 items will take most participants 10 to 14 minutes.

[STOP]
If this is your response, my advice ends here.

4. I want to do it right because personality is a critical component of my research: Yay! Give the SPI-135-27&5 (the 1st assessment form in Appendix F). Or give an even larger item set in order to compare the SPI scales with others and/or conduct exploratory analyses of structure.

[MOVE ON TO QUESTION 3.]

Q3: How will you collect and score the data?

There are really *two* questions to consider here — mode and method. Electronic survey administration is generally preferred because it helps to reduce errors stemming from human coding and higher rates of accidental data loss. Unfortunately, some populations lack familiarity with or access to the electronic equipment needed for assessments in this mode. In these cases, assessment via paper forms or proxy administration (in-person or by telephone) are good alternatives. Most researchers using paper forms administer all of the same items to all participants, though some occasionally do use two or more forms with overlapping subsets of items. Proxy administration (e.g., verbal administration of the items by another person or by interactive voice response survey software) is particularly useful when administering items to illiterate populations.

With both proxy and electronic administrations, researchers have considerable flexibility in terms of the method of administration. It is most common to administer all of the same items in the same sequential order to all participants. However, there are often good reasons for administering various subsets of the items using a planned missingness or computer adaptive testing design. Planned missingness can be useful because it allows for the administration of more items than any single participant is willing or able to answer. Computer adaptive tests are useful because they allow for precise and valid individual assessments with relatively few items. This reduces participant burden as well as the time and resources needed for data collection.

[MOVE ON TO QUESTION 3.]

Q4: How should the scores be interpreted?

This is a deceptively complicated question. The technical, statistical answer is easy enough — the scores should be compared to some reference group. The trouble is that it's hard to say which one. The only generalizable answer seems to be "Well, it depends on the rationale for assessment in the first place." We

know that there are age, gender, and cultural effects on personality. Many other grouping variables are also likely to be relevant as are combinations of grouping variables (old male Australians, young female Peruvians). The extent to which these variables should be "controlled for" when evaluating an individual's score(s) should depend on the extent to which these variables are relevant for the outcome under considerations. We have generated SPI-27 and SPI-5 norms based on age and gender (see Appendix F); the publicly-available data used to develop these norms could be used to generate many other categories of norms as well.

Of course, the use of norms based on "normal" populations tends to indicate that most people are mainly average on most personality traits. Many people find this disappointing, presumably because we all suffer from biased anecdotal experiences that lead us to conclude that we're unique in many ways. Yet, when all the dimensions of individual differences are reduced down to only 5 factors and our scores are compared to others of our age and gender... it turns out that most people are mostly average.

There is also the question of what should be done when statistically deviant scores are identified. The development of guidance will require considerably more validation data than is currently available and the nature of the guidance itself will likely vary considerably across the facets. Extreme scores on many of the facets are likely to indicate maladaptive behaviors, but the nature and consequence of this maladaptiveness will differ by facet. Extremely low self-discipline, for example, may generally be positively correlated with poor physical health, but the merits of an immediate intervention will likely depend on many other factors (e.g., more direct physical evidence of poor health). For the time being, the most advisable course of action in response to extreme scores in one or more facets is follow-up assessment in the domains where problems are suspected.

Table A5-1: SPI27 items by factor

	Item Content	SPI27 Factor	SPI27 Coding	SPI5 Factor (invariant)
q_90	Am concerned about others.	Compassion	+	Agreeableness
q_253	Am sensitive to the needs of others.	Compassion	+	Agreeableness
q_1763	Sympathize with others feelings.	Compassion	+	Agreeableness
q_851	Feel sympathy for those who are worse off than myself.	Compassion	+	Agreeableness
q_1832	Think of others first.	Compassion	+	Agreeableness
q_952	Get angry easily.	Irritability	+	NA
q_1357	Lose my temper.	Irritability	+	Neuroticism
q_1585	Rarely get irritated.	Irritability	-	Neuroticism
q_1683	Seldom get mad.	Irritability	-	Neuroticism
q_176	Am not easily annoyed.	Irritability	-	Neuroticism
q_1904	Usually like to spend my free time with people.	Sociability	+	Extraversion
q_312	Avoid company.	Sociability	-	Extraversion
q_684	Dont like crowded events.	Sociability	-	Extraversion
q_4243	Like going out a lot.	Sociability	+	Extraversion
q_1923	Want to be left alone.	Sociability	-	Extraversion
q_578	Dislike myself.	WellBeing	-	Neuroticism
q_811	Feel a sense of worthlessness or hopelessness.	WellBeing	-	Neuroticism
q_1371	Love life.	WellBeing	+	Extraversion
q_2765	Am happy with my life.	WellBeing	+	NA
q_820	Feel comfortable with myself.	WellBeing	+	Neuroticism
q_1367	Love dangerous situations.	SensationSeeking	+	Agreeableness
q_1664	Seek danger.	SensationSeeking	+	Agreeableness
q_1662	Seek adventure.	SensationSeeking	+	Extraversion
q_1781	Take risks.	SensationSeeking	+	Extraversion
q_598	Do crazy things.	SensationSeeking	+	Extraversion
q_4249	Would call myself a nervous person.	Anxiety	+	Neuroticism
q_1989	Worry about things.	Anxiety	+	Neuroticism
q_4252	Am a worrier.	Anxiety	+	Neuroticism
q_1505	Panic easily.	Anxiety	+	Neuroticism
q_808	Fear for the worst.	Anxiety	+	Neuroticism
q_4296	Tell a lot of lies.	Honesty	-	Agreeableness
q_1812	Tell the truth.	Honesty	+	NA
q_2853	Cannot imagine lying or cheating.	Honesty	+	NA
q_1896	Use others for my own ends.	Honesty	-	Agreeableness
q_501	Cheat to get ahead.	Honesty	-	Agreeableness
q_904	Find it difficult to get down to work.	Industry	+	Conscientiousness
q_1744	Start tasks right away.	Industry	+	Conscientiousness
q_1979	Work hard.	Industry	+	Conscientiousness
q_1452	Neglect my duties.	Industry	-	Conscientiousness
q_1444	Need a push to get started.	Industry	-	Conscientiousness
q_1253	Learn things slowly.	Intellect	-	Openness
q_240	Am quick to understand things.	Intellect	+	Openness
q_493	Catch on to things quickly.	Intellect	+	Openness
q_422	Can handle a lot of information.	Intellect	+	Openness
q_1834	Think quickly.	Intellect	+	Openness
q_128	Am full of ideas.	Creativity	+	Openness
q_2745	Am able to come up with new and different ideas.	Creativity	+	Openness
q_2754	Am an original thinker.	Creativity	+	Openness
q_1392	Love to think up new ways of doing things.	Creativity	+	Openness
q_1058	Have a vivid imagination.	Creativity	+	Openness
q_35	Act without thinking.	Impulsivity	+	NA
q_1424	Make rash decisions.	Impulsivity	+	NA
q_1173	Jump into things without thinking.	Impulsivity	+	NA
q_4223	Stop to think things over before doing anything.	Impulsivity	-	NA
q_4276	Often make decisions on the spur of the moment.	Impulsivity	+	NA
q_1416	Make myself the center of attention.	AttentionSeeking	+	Extraversion
q_1296	Like to attract attention.	AttentionSeeking	+	Extraversion
q_565	Dislike being the center of attention.	AttentionSeeking	-	Extraversion
q_1555	Put on a show to impress people.	AttentionSeeking	+	Extraversion
q_1027	Hate being the center of attention.	AttentionSeeking	-	Extraversion
q_1201	Keep things tidy.	Order	+	Conscientiousness
q_1254	Leave a mess in my room.	Order	+	Conscientiousness
q_1483	Often forget to put things back in their proper place.	Order	-	Conscientiousness
q_169	Am not bothered by disorder.	Order	-	Conscientiousness
q_1290	Like order.	Order	+	Conscientiousness
q_369	Believe laws should be strictly enforced.	Authoritarianism	+	Conscientiousness
q_398	Believe that we should be tough on crime.	Authoritarianism	+	Conscientiousness
q_1624	Respect authority.	Authoritarianism	+	NA
q_1867	Try to follow the rules.	Authoritarianism	+	Conscientiousness
q_1609	Rebel against authority.	Authoritarianism	-	Openness
q_254	Am skilled in handling social situations.	Charisma	+	Extraversion
q_901	Find it difficult to approach others.	Charisma	-	Extraversion

(continued on next page)

Table A5-1: SPI27 items by factor

	Item Content	SPI27 Factor	SPI27 Coding	SPI5 Factor (invariant)
q_1045	Have a natural talent for influencing people.	Charisma	+	Extraversion
q_131	Am good at making impromptu speeches.	Charisma	+	NA
q_1242	Lack the talent for influencing people.	Charisma	-	Extraversion
q_1855	Trust what people say.	Trust	+	Agreeableness
q_4289	Trust people to mainly tell the truth.	Trust	+	Agreeableness
q_377	Believe that others have good intentions.	Trust	+	Agreeableness
q_871	Feel that most people cant be trusted.	Trust	-	Agreeableness
q_379	Believe that people are basically moral.	Trust	+	Agreeableness
q_1243	Laugh a lot.	Humor	+	Extraversion
q_1244	Laugh aloud.	Humor	+	Extraversion
q_1248	Laugh my way through life.	Humor	+	Extraversion
q_296	Amuse my friends.	Humor	+	Extraversion
q_1685	Seldom joke around.	Humor	-	NA
q_219	Am open about my feelings.	EmotionalExpressiveness	+	Extraversion
q_1081	Have difficulty expressing my feelings.	EmotionalExpressiveness	-	Extraversion
q_1706	Show my sadness.	EmotionalExpressiveness	+	Neuroticism
q_1635	Reveal little about myself.	EmotionalExpressiveness	-	Extraversion
q_803	Express myself easily.	EmotionalExpressiveness	+	Extraversion
q_607	Do not enjoy going to art museums.	ArtAppreciation	-	Openness
q_348	Believe in the importance of art.	ArtAppreciation	+	NA
q_610	Do not like art.	ArtAppreciation	-	Openness
q_1132	Have read the great literary classics.	ArtAppreciation	+	Openness
q_612	Do not like poetry.	ArtAppreciation	-	Openness
q_1389	Love to reflect on things.	Introspection	+	Openness
q_1738	Spend time reflecting on things.	Introspection	+	Openness
q_1880	Try to understand myself.	Introspection	+	Openness
q_755	Enjoy examining myself and my life.	Introspection	+	Openness
q_1310	Like to get lost in thought.	Introspection	+	Openness
q_571	Dislike imperfect work.	Perfectionism	+	Conscientiousness
q_1915	Want every detail taken care of.	Perfectionism	+	Conscientiousness
q_1694	Set high standards for myself and others.	Perfectionism	+	Conscientiousness
q_530	Continue until everything is perfect.	Perfectionism	+	Conscientiousness
q_142	Am hard to satisfy.	Perfectionism	+	Agreeableness
q_1462	Never splurge.	SelfControl	+	NA
q_1590	Rarely overindulge.	SelfControl	+	NA
q_1461	Never spend more than I can afford.	SelfControl	+	NA
q_56	Am able to control my cravings.	SelfControl	+	NA
q_736	Easily resist temptations.	SelfControl	+	Conscientiousness
q_1300	Like to be thought of as a normal kind of person.	Conformity	+	Openness
q_2005	Would hate to be considered odd or strange.	Conformity	+	Openness
q_747	Enjoy being thought of as a normal mainstream person.	Conformity	+	Openness
q_152	Am just an ordinary person.	Conformity	+	Openness
q_1653	See myself as an average person.	Conformity	+	Openness
q_566	Dislike changes.	Adaptability	-	Neuroticism
q_689	Dont like the idea of change.	Adaptability	-	NA
q_1542	Prefer variety to routine.	Adaptability	+	Openness
q_39	Adjust easily.	Adaptability	+	NA
q_1303	Like to begin new things.	Adaptability	+	Openness
q_1329	Like to take it easy.	EasyGoingness	+	NA
q_1281	Like a leisurely lifestyle.	EasyGoingness	+	NA
q_1052	Have a slow pace to my life.	EasyGoingness	+	Extraversion
q_1024	Hang around doing nothing.	EasyGoingness	+	Conscientiousness
q_1280	Let things proceed at their own pace.	EasyGoingness	+	NA
q_1840	Think that my moods dont change more than most peoples do.	EmotionalStability	-	Neuroticism
q_797	Experience very few emotional highs and lows.	EmotionalStability	-	Neuroticism
q_979	Get overwhelmed by emotions.	EmotionalStability	+	Neuroticism
q_793	Experience my emotions intensely.	EmotionalStability	+	Neuroticism
q_174	Am not easily affected by my emotions.	EmotionalStability	-	NA
q_1824	Tend to vote for conservative political candidates.	Conservatism	+	NA
q_660	Dont consider myself religious.	Conservatism	-	NA
q_345	Believe in one true religion.	Conservatism	+	NA
q_1825	Tend to vote for liberal political candidates.	Conservatism	-	NA
q_1328	Like to stand during the national anthem.	Conservatism	+	NA

Table A5-2: SPI5 items by factor

	Item Content	SPI5 Factor	SPI5 Coding	SPI27 Factor
q_90	Am concerned about others.	Agreeableness	+	Compassion
q_253	Am sensitive to the needs of others.	Agreeableness	+	Compassion
q_1763	Sympathize with others feelings.	Agreeableness	+	Compassion
q_851	Feel sympathy for those who are worse off than myself.	Agreeableness	+	Compassion
q_1832	Think of others first.	Agreeableness	+	Compassion
q_4296	Tell a lot of lies.	Agreeableness	-	Honesty
q_1896	Use others for my own ends.	Agreeableness	-	Honesty
q_501	Cheat to get ahead.	Agreeableness	-	Honesty
q_1855	Trust what people say.	Agreeableness	+	Trust
q_4289	Trust people to mainly tell the truth.	Agreeableness	+	Trust
q_377	Believe that others have good intentions.	Agreeableness	+	Trust
q_871	Feel that most people cant be trusted.	Agreeableness	-	Trust
q_379	Believe that people are basically moral.	Agreeableness	+	Trust
q_142	Am hard to satisfy.	Agreeableness	-	Perfectionism
q_904	Find it difficult to get down to work.	Conscientiousness	-	Industry
q_1744	Start tasks right away.	Conscientiousness	+	Industry
q_1979	Work hard.	Conscientiousness	+	Industry
q_1452	Neglect my duties.	Conscientiousness	-	Industry
q_1444	Need a push to get started.	Conscientiousness	-	Industry
q_1201	Keep things tidy.	Conscientiousness	+	Order
q_1254	Leave a mess in my room.	Conscientiousness	-	Order
q_1483	Often forget to put things back in their proper place.	Conscientiousness	-	Order
q_1290	Like order.	Conscientiousness	+	Order
q_369	Believe laws should be strictly enforced.	Conscientiousness	+	Authoritarianism
q_1867	Try to follow the rules.	Conscientiousness	+	Authoritarianism
q_1915	Want every detail taken care of.	Conscientiousness	+	Perfectionism
q_1694	Set high standards for myself and others.	Conscientiousness	+	Perfectionism
q_530	Continue until everything is perfect.	Conscientiousness	+	Perfectionism
q_240	Am quick to understand things.	Openness	+	Intellect
q_422	Can handle a lot of information.	Openness	+	Intellect
q_1834	Think quickly.	Openness	+	Intellect
q_128	Am full of ideas.	Openness	+	Creativity
q_2745	Am able to come up with new and different ideas.	Openness	+	Creativity
q_2754	Am an original thinker.	Openness	+	Creativity
q_1392	Love to think up new ways of doing things.	Openness	+	Creativity
q_1058	Have a vivid imagination.	Openness	+	Creativity
q_1609	Rebel against authority.	Openness	+	Authoritarianism
q_1389	Love to reflect on things.	Openness	+	Introspection
q_1738	Spend time reflecting on things.	Openness	+	Introspection
q_1880	Try to understand myself.	Openness	+	Introspection
q_1310	Like to get lost in thought.	Openness	+	Introspection
q_747	Enjoy being thought of as a normal mainstream person.	Openness	-	Conformity
q_1585	Rarely get irritated.	Neuroticism	-	Irritability
q_1683	Seldom get mad.	Neuroticism	-	Irritability
q_176	Am not easily annoyed.	Neuroticism	-	Irritability
q_578	Dislike myself.	Neuroticism	+	WellBeing
q_811	Feel a sense of worthlessness or hopelessness.	Neuroticism	+	WellBeing
q_4249	Would call myself a nervous person.	Neuroticism	+	Anxiety
q_1989	Worry about things.	Neuroticism	+	Anxiety
q_4252	Am a worrier.	Neuroticism	+	Anxiety
q_1505	Panic easily.	Neuroticism	+	Anxiety
q_808	Fear for the worst.	Neuroticism	+	Anxiety
q_1840	Think that my moods dont change more than most peoples do.	Neuroticism	-	EmotionalStability
q_797	Experience very few emotional highs and lows.	Neuroticism	-	EmotionalStability
q_979	Get overwhelmed by emotions.	Neuroticism	+	EmotionalStability
q_793	Experience my emotions intensely.	Neuroticism	+	EmotionalStability
q_1904	Usually like to spend my free time with people.	Extraversion	+	Sociability
q_312	Avoid company.	Extraversion	-	Sociability
q_684	Dont like crowded events.	Extraversion	-	Sociability
q_4243	Like going out a lot.	Extraversion	+	Sociability
q_1923	Want to be left alone.	Extraversion	-	Sociability
q_1416	Make myself the center of attention.	Extraversion	+	AttentionSeeking
q_1296	Like to attract attention.	Extraversion	+	AttentionSeeking
q_565	Dislike being the center of attention.	Extraversion	-	AttentionSeeking
q_1027	Hate being the center of attention.	Extraversion	-	AttentionSeeking
q_254	Am skilled in handling social situations.	Extraversion	+	Charisma
q_901	Find it difficult to approach others.	Extraversion	-	Charisma
q_1243	Laugh a lot.	Extraversion	+	Humor
q_1244	Laugh aloud.	Extraversion	+	Humor
q_803	Express myself easily.	Extraversion	+	EmotionalExpressiveness

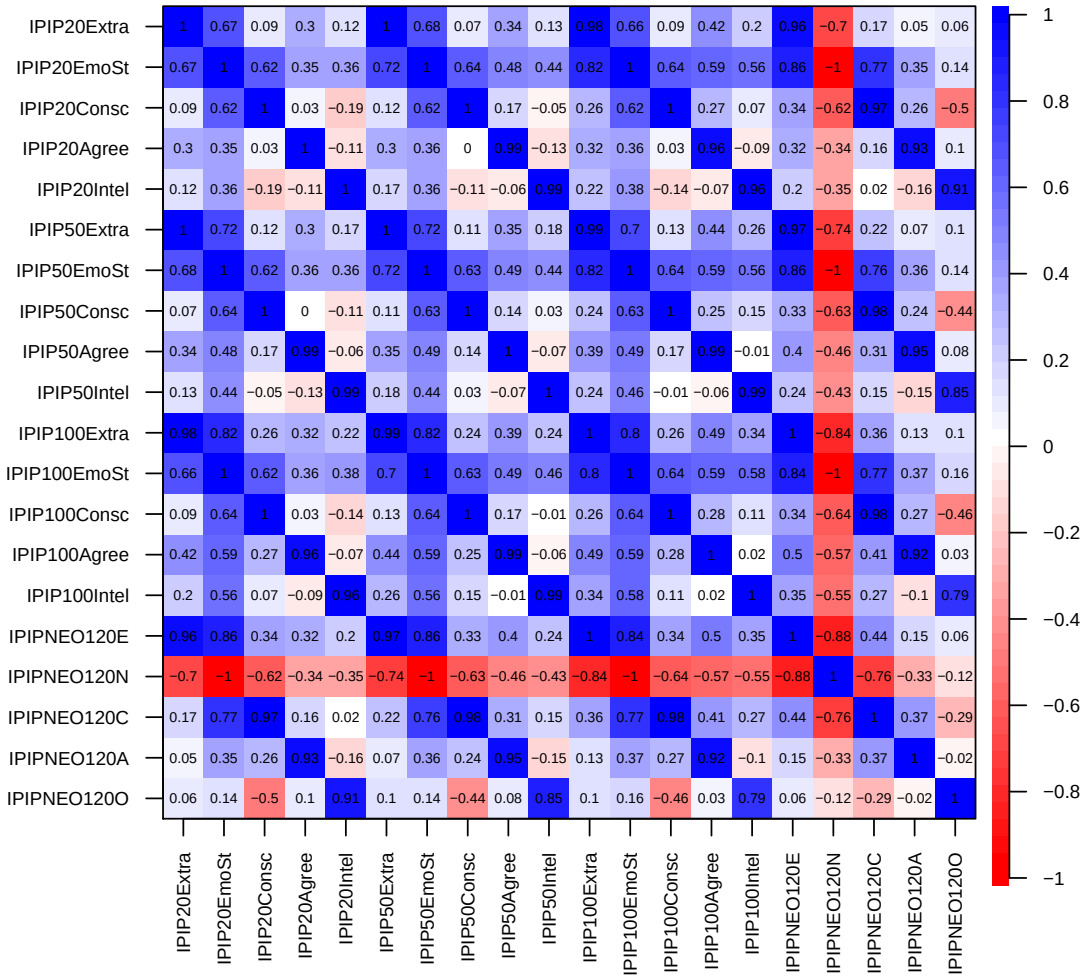


Figure A5-1: Correlations (corrected for item overlap) among the various SPI scales and extant IPIP-based sets of measures.

Appendix F

SAPA Personality Inventory Forms

David M. Condon*

Several forms have been developed for personality assessment using the 135 items identified as part of the SAPA Personality Inventory. For recommendations about personality assessment and comparisons of the SPI forms, see Appendix A. In order, this appendix includes the following six forms:

1. SPI-135-27&5 version 1.1 - A 135-item measure for assessment of the 27-factor and 5-factor scales. Everyone wants you to use this version — your clients and your boss and your advisor and your collaborators and your mother. The best reason not to use all 135 of these items is because you intend to use the computer adaptive version of them.

2. SPI-81-27&5 version 1.1 - A 81-item measure for assessment of the 27-factor and 5-factor scales. This is an excellent general purpose measure because it balances length with reasonable measurement at both the 5 factor and 27 factor levels.

3. SPI-70-5 version 1.0 - A 70-item measure for assessment of the 5-factor scales. The Big Five are important! If you are mainly interested in Big Five scores, use these but note that these items are not recommended for assessment of the 27 factor solution.

4. SPI-45-5 version 1.0 - A 45-item measure for assessment of the 5-factor scales. This measure is highly correlated with other Big Five measures of the same approximate length (yawn) but does not provide facet level scores. Are you sure you can't use the 81-item measure (or a CAT)? What about using the 20-item Big Five measure plus more in-depth measures of key constructs?

5. SPI-20-5 version 1.0 - A 20-item measure for assessment of the 5-factor scales. This 20-item measure only takes about 3 min and produces scores with reasonable psychometric properties for the Big Five. It's generally not a good idea to use a Big Five measure shorter than this one.

6. SPI-27-27 version 1.1 - 27 "signal" items. An appropriate use of this 27-item set would be to gauge the need for further follow-up or to conduct exploratory analyses. I do not recommend this item set as a substitute for more lengthy assessment of the 27 factor solution. These items can also be scored on the 5-factor level but the internal consistencies are poor.

7. SPI-35-27&5 version 1.0 - A 35-item measure that represents the shortest possible form for hierarchical assessment. The 27 signal items have been supplemented by 8 additional items to allow for assessment at both the 27- and 5-factor levels. The 5-factor scales have reasonably good internal consistency — in fact, it is tempting to argue that these scales are *better* than those in the 20- or even 45-item measures (based on the unidimensionality values) but they are less valid because they measure very narrow interpretations of the 5 factors.

The most updated versions of these forms are available in electronic formats (useful for copying and pasting into other applications) at sapa-project.org/research/SPI/

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*This document is an appendix to *The SAPA Personality Inventory*. Correspondence should be directed to david-condon@northwestern.edu, Department of Medical Social Sciences, Northwestern University, Chicago, Illinois. Please use the following citation information: Condon, D.M. (2017). The SAPA Personality Inventory: an empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-135-27&5 version 1.1

Please use the response options to indicate how accurately each phrase or sentence describes you. Mark only one box per row.

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
1 q_253	Am sensitive to the needs of others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
2 q_952	Get angry easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
3 q_1904	Usually like to spend my free time with people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
4 q_578	Dislike myself.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
5 q_1367	Love dangerous situations.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
6 q_4252	Am a worrier.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
7 q_4296	Tell a lot of lies.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
8 q_904	Find it difficult to get down to work.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
9 q_240	Am quick to understand things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
10 q_2745	Am able to come up with new and different ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
11 q_35	Act without thinking.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
12 q_565	Dislike being the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
13 q_1201	Keep things tidy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
14 q_1624	Respect authority.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
15 q_1045	Have a natural talent for influencing people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
16 q_1855	Trust what people say.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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SPI-135-27&5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
17 q_1243	Laugh a lot.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
18 q_219	Am open about my feelings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
19 q_610	Do not like art.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
20 q_1389	Love to reflect on things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
21 q_530	Continue until everything is perfect.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
22 q_56	Am able to control my cravings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
23 q_152	Am just an ordinary person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
24 q_566	Dislike changes.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
25 q_1329	Like to take it easy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
26 q_979	Get overwhelmed by emotions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
27 q_345	Believe in one true religion.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
28 q_90	Am concerned about others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
29 q_1357	Lose my temper.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
30 q_312	Avoid company.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
31 q_811	Feel a sense of worthlessness or hopelessness.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
32 q_1664	Seek danger.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
33 q_1989	Worry about things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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SPI-135-27&5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
34 q_1812	Tell the truth.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
35 q_1744	Start tasks right away.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
36 q_1253	Learn things slowly.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
37 q_128	Am full of ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
38 q_1173	Jump into things without thinking	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
39 q_1027	Hate being the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
40 q_1254	Leave a mess in my room.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
41 q_1867	Try to follow the rules.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
42 q_254	Am skilled in handling social situations.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
43 q_4289	Trust people to mainly tell the truth.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
44 q_1244	Laugh aloud.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
45 q_1081	Have difficulty expressing my feelings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
46 q_348	Believe in the importance of art.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
47 q_1738	Spend time reflecting on things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
48 q_1915	Want every detail taken care of.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
49 q_736	Easily resist temptations.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
50 q_1300	Like to be thought of as a normal kind of person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
51 q_689	Don't like the idea of change.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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SPI-135-27&5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
52 q_1281	Like a leisurely lifestyle.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
53 q_174	Am not easily affected by my emotions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
54 q_660	Don't consider myself religious.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
55 q_1763	Sympathize with others' feelings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
56 q_1683	Seldom get mad.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
57 q_1923	Want to be left alone.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
58 q_2765	Am happy with my life.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
59 q_1781	Take risks.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
60 q_4249	Would call myself a nervous person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
61 q_501	Cheat to get ahead.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
62 q_1444	Need a push to get started.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
63 q_493	Catch on to things quickly.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
64 q_2754	Am an original thinker.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
65 q_1424	Make rash decisions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
66 q_1416	Make myself the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
67 q_1483	Often forget to put things back in their proper place.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
68 q_1609	Rebel against authority.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
69 q_1242	Lack the talent for influencing people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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SPI-135-27&5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
70 q_377	Believe that others have good intentions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
71 q_1248	Laugh my way through life.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
72 q_803	Express myself easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
73 q_607	Do not enjoy going to art museums..	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
74 q_755	Enjoy examining myself and my life.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
75 q_571	Dislike imperfect work.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
76 q_1590	Rarely overindulge	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
77 q_1653	See myself as an average person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
78 q_39	Adjust easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
79 q_1052	Have a slow pace to my life.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
80 q_793	Experience my emotions intensely	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
81 q_1824	Tend to vote for conservative political candidates.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
82 q_851	Feel sympathy for those who are worse off than myself.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
83 q_1585	Rarely get irritated.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
84 q_4243	Like going out a lot.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
85 q_820	Feel comfortable with myself.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
86 q_598	Do crazy things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
87 q_1505	Panic easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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SPI-135-27&5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
88 q_2853	Cannot imagine lying or cheating	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
89 q_1452	Neglect my duties.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
90 q_422	Can handle a lot of information.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
91 q_1392	Love to think up new ways of doing things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
92 q_4276	Often make decisions on the spur of the moment.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
93 q_1296	Like to attract attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
94 q_1290	Like order.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
95 q_369	Believe laws should be strictly enforced.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
96 q_901	Find it difficult to approach others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
97 q_379	Believe that people are basically moral.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
98 q_296	Amuse my friends.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
99 q_1635	Reveal little about myself.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
100 q_612	Do not like poetry.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
101 q_1880	Try to understand myself.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
102 q_1694	Set high standards for myself and others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
103 q_1462	Never splurge.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
104 q_747	Enjoy being thought of as a normal “mainstream” person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
105 q_1542	Prefer variety to routine.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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SPI-135-27&5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
106 q_1024	Hang around doing nothing.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
107 q_797	Experience very few emotional highs and lows.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
108 q_1825	Tend to vote for liberal political candidates.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
109 q_1832	Think of others first.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
110 q_176	Am not easily annoyed.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
111 q_684	Don’t like crowded events.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
112 q_1371	Love life.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
113 q_1662	Seek adventure.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
114 q_808	Fear for the worst.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
115 q_1896	Use others for my own ends.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
116 q_1979	Work hard.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
117 q_1834	Think quickly.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
118 q_1058	Have a vivid imagination.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
119 q_4223	Stop to think things over before doing anything.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
120 q_1555	Put on a show to impress people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
121 q_169	Am not bothered by disorder.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
122 q_398	Believe that we should be tough on crime.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
123 q_131	Am good at making impromptu speeches.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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SPI-135-27&5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
124 q_871	Feel that most people can't be trusted.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
125 q_1685	Seldom joke around.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
126 q_1706	Show my sadness.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
127 q_1132	Have read the great literary classics.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
128 q_1310	Like to get lost in thought.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
129 q_142	Am hard to satisfy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
130 q_1461	Never spend more than I can afford.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
131 q_2005	Would hate to be considered odd or strange.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
132 q_1303	Like to begin new things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
133 q_1280	Let things proceed at their own pace.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
134 q_1840	Think that my moods don't change more than most peoples do.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
135 q_1328	Like to stand during the national anthem.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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SPI-135-27&5 version 1.1

Administration Instructions

This form is one of several personality assessment tools associated with the SAPA Measurement Framework. This version is designed for the assessment of individuals who are over the age of 12 and fluent in English. These same items can also be administered verbally (by proxy) to individuals who are not fully literate.

There are many options for administering and scoring tools in the SAPA Measurement Framework. See Appendix E of the reference cited at the end of these instructions for recommendations and advice.

Scoring Instructions

Each of the 135 items listed in this file is associated with one of the 27-factor scales listed below (5 items per scale). 70 of these 135 items are also associated with one of the 5-factor scales listed below (14 items per scale). To generate scale scores, sum the values that correspond to each response for the items that are associated with each scale. **Note that some items need to be reverse scored as indicated below by subtracting the value of the response given from 7**. The tables below are intended to help with scoring.

5-Factor: Extraversion

Item No.	Item Label	Rev?	Response (numeric)		Score
3	q_1904	no	_____	=	
12	q_565	yes	7 – _____	=	
17	q_1243	no	_____	=	
30	q_312	yes	7 – _____	=	
39	q_1027	yes	7 – _____	=	
42	q_254	no	_____	=	
44	q_1244	no	_____	=	
57	q_1923	yes	7 – _____	=	
66	q_1416	no	_____	=	
72	q_803	no	_____	=	
84	q_4243	no	_____	=	
93	q_1296	yes	7 – _____	=	
96	q_901	yes	7 – _____	=	
111	q_684	yes	7 – _____	=	

Total (sum) score ☐

(continued on the next page)

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SPI-135-27&5 version 1.1

5-Factor: Neuroticism

Item No.	Item Label	Rev?	Response (numeric)		Score
4	q_578	no	_____	=	
6	q_4252	no	_____	=	
26	q_979	no	_____	=	
31	q_811	no	_____	=	
33	q_1989	no	_____	=	
56	q_1683	yes	7 – _____	=	
60	q_4249	no	_____	=	
80	q_793	no	_____	=	
83	q_1585	yes	7 – _____	=	
87	q_1505	no	_____	=	
107	q_797	yes	7 – _____	=	
110	q_176	yes	7 – _____	=	
114	q_808	no	_____	=	
134	q_1840	yes	7 – _____	=	

Total (sum) score ☐

5-Factor: Conscientiousness

Item No.	Item Label	Rev?	Response (numeric)		Score
8	q_904	yes	7 – _____	=	
13	q_1201	no	_____	=	
21	q_530	no	_____	=	
35	q_1744	no	_____	=	
40	q_1254	yes	7 – _____	=	
41	q_1867	no	_____	=	
48	q_1915	no	_____	=	
62	q_1444	yes	7 – _____	=	
67	q_1483	yes	7 – _____	=	
89	q_1452	yes	7 – _____	=	
94	q_1290	no	_____	=	
95	q_369	no	_____	=	
102	q_1694	no	_____	=	
116	q_1979	no	_____	=	

Total (sum) score ☐

(continued on the next page)

Please cite as:
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SPI-135-27&5 version 1.1

5-Factor: Agreeableness

Item No.	Item Label	Rev?	Response (numeric)		Score
1	q_253	no	_____	=	
7	q_4296	yes	7 – _____	=	
16	q_1855	no	_____	=	
28	q_90	no	_____	=	
43	q_4289	no	_____	=	
55	q_1763	no	_____	=	
61	q_501	yes	7 – _____	=	
70	q_377	no	_____	=	
82	q_851	no	_____	=	
97	q_379	no	_____	=	
109	q_1832	no	_____	=	
115	q_1896	yes	7 – _____	=	
124	q_871	yes	7 – _____	=	
129	q_142	yes	7 – _____	=	

Total (sum) score ☐

5-Factor: Openness

Item No.	Item Label	Rev?	Response (numeric)		Score
9	q_240	no	_____	=	
10	q_2745	no	_____	=	
20	q_1389	no	_____	=	
37	q_128	no	_____	=	
47	q_1738	no	_____	=	
64	q_2754	no	_____	=	
68	q_1609	no	_____	=	
90	q_422	no	_____	=	
91	q_1392	no	_____	=	
101	q_1880	no	_____	=	
104	q_747	yes	7 – _____	=	
117	q_1834	no	_____	=	
118	q_1058	no	_____	=	
128	q_1310	no	_____	=	

Total (sum) score ☐

(continued on the next page)

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Scoring for the SPI-27 Factors

Enter the response given for each item and sum them to generate the scale scores. Reverse-scored items are indicated by being subtracting from 7.

		Item 1		Item 2		Item 3		Item 4		Item 5		Total
Compassion		_____	+	_____	+	_____	+	_____	+	_____	=	_____
	Item Number	1		28		55		82		109		
	Item Label	q_253		q_90		q_1763		q_851		q_1832		
Irritability		_____	+	_____	+	7 – _____	+	7 – _____	+	7 – _____	=	_____
	Item Number	2		29		56		83		110		
	Item Label	q_952		q_1357		q_1683		q_1585		q_176		
Sociability		_____	+	7 – _____	+	7 – _____	+	_____	+	7 – _____	=	_____
	Item Number	3		30		57		84		111		
	Item Label	q_1904		q_312		q_1923		q_4243		q_684		
Well-Being		7 – _____	+	7 – _____	+	_____	+	_____	+	_____	=	_____
	Item Number	4		31		58		85		112		
	Item Label	q_578		q_811		q_2765		q_820		q_1371		
Sensation-Seeking		_____	+	_____	+	_____	+	_____	+	_____	=	_____
	Item Number	5		32		59		86		113		
	Item Label	q_1367		q_1664		q_1781		q_598		q_1662		
Anxiety		____	+	_____	+	_____	+	_____	+	_____	=	_____
	Item Number	6		33		60		87		114		
	Item Label	q_4252		q_1989		q_4249		q_1505		q_808		
Honesty		7 – _____	+	_____	+	7 – _____	+	_____	+	7 – _____	=	_____
	Item Number	7		34		61		88		115		
	Item Label	q_4296		q_1812		q_501		q_2853		q_1896		
Industry		7 – _____	+	_____	+	7 – _____	+	7 – _____	+	_____	=	_____
	Item Number	8		35		62		89		116		
	Item Label	q_904		q_1744		q_1444		q_1452		q_1979		
Intellect		_____	+	7 – _____	+	_____	+	_____	+	_____	=	_____
	Item Number	9		36		63		90		117		
	Item Label	q_240		q_1253		q_493		q_422		q_1834		
Creativity		_____	+	_____	+	_____	+	_____	+	_____	=	_____
	Item Number	10		37		64		91		118		
	Item Label	q_2745		q_128		q_2754		q_1392		q_1058		
Impulsivity		_____	+	_____	+	_____	+	_____	+	7 – _____	=	_____
	Item Number	11		38		65		92		119		
	Item Label	q_35		q_1173		q_1424		q_4276		q_4223		

(continued on the next page)

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	Item 1		Item 2		Item 3		Item 4		Item 5		Total
Attention-Seeking	7 – _____	+	7 – _____	+	_____	+	_____	+	_____	=	_____
Item Number	12		39		66		93		120		
Item Label	q_565		q_1027		q_1416		q_1296		q_1555		
Order	_____	+	7 – _____	+	7 – _____	+	_____	+	7 – _____	=	_____
Item Number	13		40		67		94		121		
Item Label	q_1201		q_1254		q_1483		q_1290		q_169		
Authoritarianism	_____	+	_____	+	7 – _____	+	_____	+	_____	=	_____
Item Number	14		41		68		95		122		
Item Label	q_1624		q_1867		q_1609		q_369		q_398		
Charisma	_____	+	_____	+	7 – _____	+	7 – _____	+	_____	=	_____
Item Number	15		42		69		96		123		
Item Label	q_1045		q_254		q_1242		q_901		q_131		
Trust	_____	+	_____	+	_____	+	_____	+	7 – _____	=	_____
Item Number	16		43		70		97		124		
Item Label	q_1855		q_4289		q_377		q_379		q_871		
Humor	_____	+	_____	+	_____	+	_____	+	7 – _____	=	_____
Item Number	17		44		71		98		125		
Item Label	q_1243		q_1244		q_1248		q_296		q_1685		
Emotional Expressiveness	_____	+	7 – _____	+	_____	+	7 – _____	+	_____	=	_____
Item Number	18		45		72		99		126		
Item Label	q_219		q_1081		q_803		q_1635		q_1706		
Art Appreciation	7 – _____	+	_____	+	7 – _____	+	7 – _____	+	_____	=	_____
Item Number	19		46		73		100		127		
Item Label	q_610		q_348		q_607		q_612		q_1132		
Introspection	_____	+	_____	+	_____	+	_____	+	_____	=	_____
Item Number	20		47		74		101		128		
Item Label	q_1389		q_1738		q_755		q_1880		q_1310		
Perfectionism	_____	+	_____	+	_____	+	_____	+	_____	=	_____
Item Number	21		48		75		102		129		
Item Label	q_530		q_1915		q_571		q_1694		q_142		
Self-Control	_____	+	_____	+	_____	+	_____	+	_____	=	_____
Item Number	22		49		76		103		130		
Item Label	q_56		q_736		q_1590		q_1462		q_1461		
Conformity	_____	+	_____	+	_____	+	_____	+	_____	=	_____
Item Number	23		50		77		104		131		
Item Label	q_152		q_1300		q_1653		q_747		q_2005		

(continued on the next page)

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	Item 1		Item 2		Item 3		Item 4		Item 5		Total
Adaptability	7 – _____	+	7 – _____	+	_____	+	_____	+	_____	=	_____
Item Number	24		51		78		105		132		
Item Label	q_566		q_689		q_39		q_1542		q_1303		
Easy-Goingness	_____	+	_____	+	_____	+	_____	+	_____	=	_____
Item Number	25		52		79		106		133		
Item Label	q_1329		q_1281		q_1052		q_1024		q_1280		
Emotional Stability	7 – _____	+	_____	+	7 – _____	+	_____	+	_____	=	_____
Item Number	26		53		80		107		134		
Item Label	q_979		q_174		q_793		q_797		q_1840		
Conservatism	_____	+	7 – _____	+	_____	+	7 – _____	+	_____	=	_____
Item Number	27		54		81		108		135		
Item Label	q_345		q_660		q_1824		q_1825		q_1328		

(continued on the next page)

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Internal consistency estimates

These are based on administration of all the 135 items listed in this form using the three samples described in the citation below (total N = 126,884 participants):

	Alpha	Unidimensionality	# of items
Agreeableness (SPI-135-5)	0.87	0.71	14
Conscientiousness (SPI-135-5)	0.86	0.71	14
Extraversion (SPI-135-5)	0.90	0.80	14
Neuroticism (SPI-135-5)	0.90	0.79	14
Openness (SPI-135-5)	0.81	0.59	14
Compassion (SPI-135-27)	.87	.92	5
Irritability (SPI-135-27)	.87	.91	5
Sociability (SPI-135-27)	.85	.88	5
Well-Being (SPI-135-27)	.91	.95	5
Sensation-Seeking (SPI-135-27)	.87	.91	5
Anxiety (SPI-135-27)	.89	.94	5
Honesty (SPI-135-27)	.81	.84	5
Industry (SPI-135-27)	.85	.89	5
Intellect (SPI-135-27)	.83	.87	5
Creativity(SPI-135-27)	.85	.88	5
Impulsivity (SPI-135-27)	.86	.89	5
Attention-Seeking (SPI-135-27)	.87	.89	5
Order (SPI-135-27)	.80	.80	5
Authoritarianism (SPI-135-27)	.81	.82	5
Charisma (SPI-135-27)	.83	.85	5
Trust (SPI-135-27)	.86	.90	5
Humor (SPI-135-27)	.78	.78	5
Emotional Expressiveness (SPI-135-27)	.80	.78	5
Art Appreciation (SPI-135-27)	.77	.76	5
Introspection (SPI-135-27)	.75	.74	5
Perfectionism (SPI-135-27)	.68	.62	5
Self-Control (SPI-135-27)	.75	.74	5
Conformity (SPI-135-27)	.81	.80	5
Adaptability (SPI-135-27)	.81	.80	5
Easy-Goingness (SPI-135-27)	.69	.64	5
Emotional Stability (SPI-135-27)	.83	.86	5
Conservatism (SPI-135-27)	.77	.75	5

Citation and Contact

Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

If you have questions or feedback about this measure, please contact:
David M. Condon at david-condon@northwestern.edu

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

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Please use the response options to indicate how accurately each phrase or sentence describes you. Mark only one box per row.

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
1 q_253	Am sensitive to the needs of others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
2 q_952	Get angry easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
3 q_1904	Usually like to spend my free time with people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
4 q_578	Dislike myself.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
5 q_1367	Love dangerous situations.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
6 q_4252	Am a worrier.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
7 q_4296	Tell a lot of lies.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
8 q_904	Find it difficult to get down to work.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
9 q_240	Am quick to understand things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
10 q_2745	Am able to come up with new and different ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
11 q_35	Act without thinking.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
12 q_565	Dislike being the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
13 q_1201	Keep things tidy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
14 q_1624	Respect authority.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
15 q_1045	Have a natural talent for influencing people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
16 q_1855	Trust what people say.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
17 q_1243	Laugh a lot.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
18 q_219	Am open about my feelings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
19 q_610	Do not like art.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
20 q_1389	Love to reflect on things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
21 q_530	Continue until everything is perfect.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
22 q_56	Am able to control my cravings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
23 q_152	Am just an ordinary person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
24 q_566	Dislike changes.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
25 q_1329	Like to take it easy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
26 q_979	Get overwhelmed by emotions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
27 q_345	Believe in one true religion.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
28 q_90	Am concerned about others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
29 q_1357	Lose my temper.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
30 q_312	Avoid company.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
31 q_811	Feel a sense of worthlessness or hopelessness.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
32 q_1664	Seek danger.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
33 q_1989	Worry about things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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SPI-81-27&5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
34 q_1812	Tell the truth.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
35 q_1744	Start tasks right away.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
36 q_1253	Learn things slowly.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
37 q_128	Am full of ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
38 q_1173	Jump into things without thinking	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
39 q_1027	Hate being the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
40 q_1254	Leave a mess in my room.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
41 q_1867	Try to follow the rules.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
42 q_254	Am skilled in handling social situations.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
43 q_4289	Trust people to mainly tell the truth.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
44 q_1244	Laugh aloud.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
45 q_1081	Have difficulty expressing my feelings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
46 q_348	Believe in the importance of art.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
47 q_1738	Spend time reflecting on things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
48 q_1915	Want every detail taken care of.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
49 q_736	Easily resist temptations.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
50 q_1300	Like to be thought of as a normal kind of person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
51 q_689	Don't like the idea of change.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
52 q_1281	Like a leisurely lifestyle.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
53 q_174	Am not easily affected by my emotions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
54 q_660	Don't consider myself religious.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
55 q_1763	Sympathize with others' feelings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
56 q_1683	Seldom get mad.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
57 q_1923	Want to be left alone.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
58 q_2765	Am happy with my life.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
59 q_1781	Take risks.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
60 q_4249	Would call myself a nervous person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
61 q_501	Cheat to get ahead.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
62 q_1444	Need a push to get started.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
63 q_493	Catch on to things quickly.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
64 q_2754	Am an original thinker.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
65 q_1424	Make rash decisions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
66 q_1416	Make myself the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
67 q_1483	Often forget to put things back in their proper place.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
68 q_1609	Rebel against authority.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
69 q_1242	Lack the talent for influencing people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
70 q_377	Believe that others have good intentions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
71 q_1248	Laugh my way through life.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
72 q_803	Express myself easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
73 q_607	Do not enjoy going to art museums..	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
74 q_755	Enjoy examining myself and my life.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
75 q_571	Dislike imperfect work.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
76 q_1590	Rarely overindulge	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
77 q_1653	See myself as an average person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
78 q_39	Adjust easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
79 q_1052	Have a slow pace to my life.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
80 q_793	Experience my emotions intensely	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
81 q_1824	Tend to vote for conservative political candidates.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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Administration Instructions

This form is one of several personality assessment tools associated with the SAPA Measurement Framework. This version is designed for the assessment of individuals who are over the age of 12 and fluent in English. These same items can also be administered verbally (by proxy) to individuals who are not fully literate.

There are many options for administering and scoring tools in the SAPA Measurement Framework. See Appendix E of the reference cited at the end of these instructions for recommendations and advice.

Scoring Instructions

Each of the 81 items listed in this file is associated with one of the 27-factor scales listed below (3 items per scale). 42 of these 81 items are also associated with one of the 5-factor scales listed below (7 to 10 items per scale). To generate scale scores, sum the values that correspond to each response for the items that are associated with each scale. **Note that some items need to be reverse scored as indicated below by subtracting the value of the response given from 7**. The tables below are intended to help with scoring.

5-Factor: Extraversion

Item No.	Item Label	Rev?	Response (numeric)		Score
3	q_1904	no	_____	=	
12	q_565	yes	7 – _____	=	
17	q_1243	no	_____	=	
30	q_312	yes	7 – _____	=	
39	q_1027	yes	7 – _____	=	
42	q_254	no	_____	=	
44	q_1244	no	_____	=	
57	q_1923	yes	7 – _____	=	
66	q_1416	no	_____	=	
72	q_803	no	_____	=	

Total (sum) score ☐

(continued on the next page)

Please cite as:
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5-Factor: Neuroticism

Item No.	Item Label	Rev?	Response (numeric)		Score
4	q_578	no	_____	=	
6	q_4252	no	_____	=	
26	q_979	no	_____	=	
31	q_811	no	_____	=	
33	q_1989	no	_____	=	
56	q_1683	yes	7 – _____	=	
60	q_4249	no	_____	=	
80	q_793	no	_____	=	

Total (sum) score ☐

5-Factor: Conscientiousness

Item No.	Item Label	Rev?	Response (numeric)		Score
8	q_904	yes	7 – _____	=	
13	q_1201	no	_____	=	
21	q_530	no	_____	=	
35	q_1744	no	_____	=	
40	q_1254	yes	7 – _____	=	
41	q_1867	no	_____	=	
48	q_1915	no	_____	=	
62	q_1444	yes	7 – _____	=	
67	q_1483	yes	7 – _____	=	

Total (sum) score ☐

(continued on the next page)

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-81-27&5 version 1.1

5-Factor: Agreeableness

Item No.	Item Label	Rev?	Response (numeric)		Score
1	q_253	no	_____	=	
7	q_4296	yes	7 – _____	=	
16	q_1855	no	_____	=	
28	q_90	no	_____	=	
43	q_4289	no	_____	=	
55	q_1763	no	_____	=	
61	q_501	yes	7 – _____	=	
70	q_377	no	_____	=	

Total (sum) score ☐

5-Factor: Openness

Item No.	Item Label	Rev?	Response (numeric)		Score
9	q_240	no	_____	=	
10	q_2745	no	_____	=	
20	q_1389	no	_____	=	
37	q_128	no	_____	=	
47	q_1738	no	_____	=	
64	q_2754	no	_____	=	
68	q_1609	no	_____	=	

Total (sum) score ☐

(continued on the next page)

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-81-27&5 version 1.1

Scoring for the SPI-27 Factors

Enter the response given for each item and sum them to generate the scale scores. Reverse-scored items are indicated by being subtracting from 7.

		Item 1		Item 2		Item 3		Total
Compassion		_____	+	_____	+	_____	=	_____
	Item Number	1		28		55		
	Item Label	q_253		q_90		q_1763		
Irritability		_____	+	_____	+	7 – _____	=	_____
	Item Number	2		29		56		
	Item Label	q_952		q_1357		q_1683		
Sociability		_____	+	7 – _____	+	7 – _____	=	_____
	Item Number	3		30		57		
	Item Label	q_1904		q_312		q_1923		
Well-Being		7 – _____	+	7 – _____	+	_____	=	_____
	Item Number	4		31		58		
	Item Label	q_578		q_811		q_2765		
Sensation-Seeking		_____	+	_____	+	_____	=	_____
	Item Number	5		32		59		
	Item Label	q_1367		q_1664		q_1781		
Anxiety		____	+	_____	+	_____	=	_____
	Item Number	6		33		60		
	Item Label	q_4252		q_1989		q_4249		
Honesty		7 – _____	+	_____	+	7 – _____	=	_____
	Item Number	7		34		61		
	Item Label	q_4296		q_1812		q_501		
Industry		7 – _____	+	_____	+	7 – _____	=	_____
	Item Number	8		35		62		
	Item Label	q_904		q_1744		q_1444		
Intellect		_____	+	7 – _____	+	_____	=	_____
	Item Number	9		36		63		
	Item Label	q_240		q_1253		q_493		
Creativity		_____	+	_____	+	_____	=	_____
	Item Number	10		37		64		
	Item Label	q_2745		q_128		q_2754		
Impulsivity		_____	+	_____	+	_____	=	_____
	Item Number	11		38		65		
	Item Label	q_35		q_1173		q_1424		

(continued on the next page)

Please cite as:
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SPI-81-27&5 version 1.1

	Item 1		Item 2		Item 3		Total
Attention-Seeking	7 – _____	+	7 – _____	+	_____	=	_____
Item Number	12		39		66		
Item Label	q_565		q_1027		q_1416		
Order	_____	+	7 – _____	+	7 – _____	=	_____
Item Number	13		40		67		
Item Label	q_1201		q_1254		q_1483		
Authoritarianism	_____	+	_____	+	7 – _____	=	_____
Item Number	14		41		68		
Item Label	q_1624		q_1867		q_1609		
Charisma	_____	+	_____	+	7 – _____	=	_____
Item Number	15		42		69		
Item Label	q_1045		q_254		q_1242		
Trust	_____	+	_____	+	_____	=	_____
Item Number	16		43		70		
Item Label	q_1855		q_4289		q_377		
Humor	_____	+	_____	+	_____	=	_____
Item Number	17		44		71		
Item Label	q_1243		q_1244		q_1248		
Emotional Expressiveness	_____	+	7 – _____	+	_____	=	_____
Item Number	18		45		72		
Item Label	q_219		q_1081		q_803		
Art Appreciation	7 – _____	+	_____	+	7 – _____	=	_____
Item Number	19		46		73		
Item Label	q_610		q_348		q_607		
Introspection	_____	+	_____	+	_____	=	_____
Item Number	20		47		74		
Item Label	q_1389		q_1738		q_755		
Perfectionism	_____	+	_____	+	_____	=	_____
Item Number	21		48		75		
Item Label	q_530		q_1915		q_571		
Self-Control	_____	+	_____	+	_____	=	_____
Item Number	22		49		76		
Item Label	q_56		q_736		q_1590		
Conformity	_____	+	_____	+	_____	=	_____
Item Number	23		50		77		
Item Label	q_152		q_1300		q_1653		

(continued on the next page)

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		Item 1		Item 2		Item 3		Total
Adaptability		7 – _____	+	7 – _____	+	_____	=	_____
	Item Number	24		51		78		
	Item Label	q_566		q_689		q_39		
Easy-Goingness		_____	+	_____	+	_____	=	_____
	Item Number	25		52		79		
	Item Label	q_1329		q_1281		q_1052		
Emotional Stability		7 – _____	+	_____	+	7 – _____	=	_____
	Item Number	26		53		80		
	Item Label	q_979		q_174		q_793		
Conservatism		_____	+	7 – _____	+	_____	=	_____
	Item Number	27		54		81		
	Item Label	q_345		q_660		q_1824		

(continued on the next page)

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-81-27&5 version 1.1

Internal consistency estimates

These are based on administration of all the 81 items listed in this form using the three samples described in the citation below (total N = 126,884 participants):

	Alpha	Unidimensionality	# of items
Agreeableness (SPI-81-5)	.81	.71	8
Conscientiousness (SPI-81-5)	.81	.68	9
Extraversion (SPI-81-5)	.86	.78	10
Neuroticism (SPI-81-5)	.84	.76	8
Openness (SPI-81-5)	.72	.58	7
Compassion (SPI-81-27)	.86	.94	3
Irritability (SPI-81-27)	.84	.82	3
Sociability (SPI-81-27)	.84	.92	3
Well-Being (SPI-81-27)	.88	.96	3
Sensation-Seeking (SPI-81-27)	.85	.93	3
Anxiety (SPI-81-27)	.87	.94	3
Honesty (SPI-81-27)	.77	86	3
Industry (SPI-81-27)	.81	.89	3
Intellect (SPI-81-27)	.78	.88	3
Creativity(SPI-81-27)	.84	.92	3
Impulsivity (SPI-81-27)	.84	.92	3
Attention-Seeking (SPI-81-27)	.89	.96	3
Order (SPI-81-27)	.82	.91	3
Authoritarianism (SPI-81-27)	.79	.89	3
Charisma (SPI-81-27)	.81	.89	3
Trust (SPI-81-27)	.85	.93	3
Humor (SPI-81-27)	.80	.88	3
Emotional Expressiveness (SPI-81-27)	.83	.92	3
Art Appreciation (SPI-81-27)	.80	.89	3
Introspection (SPI-81-27)	.73	.81	3
Perfectionism (SPI-81-27)	.73	.80	3
Self-Control (SPI-81-27)	.75	.83	3
Conformity (SPI-81-27)	.83	.90	3
Adaptability (SPI-81-27)	.82	.87	3
Easy-Goingness (SPI-81-27)	.62	.67	3
Emotional Stability (SPI-81-27)	.82	.90	3
Conservatism (SPI-81-27)	.75	.80	3

Citation and Contact

Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

If you have questions or feedback about this measure, please contact:
David M. Condon at david-condon@northwestern.edu

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-70-5 version 1.1

Please use the response options to indicate how accurately each phrase or sentence describes you. Mark only one box per row.

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
1 q_1904	Usually like to spend my free time with people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
2 q_979	Get overwhelmed by emotions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
3 q_1290	Like order.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
4 q_90	Am concerned about others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
5 q_128	Am full of ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
6 q_4243	Like going out a lot.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
7 q_4252	Am a worrier.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
8 q_1744	Start tasks right away.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
9 q_1763	Sympathize with others' feelings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
10 q_2745	Am able to come up with new and different ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
11 q_312	Avoid company.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
12 q_1989	Worry about things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
13 q_1979	Work hard.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
14 q_253	Am sensitive to the needs of others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
15 q_2754	Am an original thinker.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
16 q_565	Dislike being the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-70-5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
17 q_1505	Panic easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
18 q_1452	Neglect my duties.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
19 q_1896	Use others for my own ends.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
20 q_1392	Love to think up new ways of doing things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
21 q_1416	Make myself the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
22 q_4249	Would call myself a nervous person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
23 q_1915	Want every detail taken care of.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
24 q_851	Feel sympathy for those who are worse off than myself.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
25 q_1058	Have a vivid imagination.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
26 q_1923	Want to be left alone.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
27 q_808	Fear for the worst.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
28 q_1201	Keep things tidy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
29 q_1832	Think of others first.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
30 q_240	Am quick to understand things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
31 q_1027	Hate being the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
32 q_793	Experience my emotions intensely.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
33 q_530	Continue until everything is perfect.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
34 q_501	Cheat to get ahead.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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SPI-70-5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
35 q_1738	Spend time reflecting on things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
36 q_684	Don't like crowded events.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
37 q_1840	Think that my moods don't change more than most peoples do.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
38 q_904	Find it difficult to get down to work.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
39 q_377	Believe that others have good intentions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
40 q_422	Can handle a lot of information.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
41 q_254	Am skilled in handling social situations.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
42 q_811	Feel a sense of worthlessness or hopelessness.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
43 q_1867	Try to follow the rules.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
44 q_871	Feel that most people can't be trusted.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
45 q_1389	Love to reflect on things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
46 q_1296	Like to attract attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
47 q_1585	Rarely get irritated.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
48 q_1694	Set high standards for myself and others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
49 q_1855	Trust what people say.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
50 q_1310	Like to get lost in thought.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
51 q_901	Find it difficult to approach others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
52 q_578	Dislike myself.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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SPI-70-5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
53 q_369	Believe laws should be strictly enforced.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
54 q_4296	Tell a lot of lies.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
55 q_1880	Try to understand myself.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
56 q_1243	Laugh a lot.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
57 q_176	Am not easily annoyed.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
58 q_1444	Need a push to get started.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
59 q_142	Am hard to satisfy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
60 q_747	Enjoy being thought of as a normal "mainstream" person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
61 q_803	Express myself easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
62 q_797	Experience very few emotional highs and lows.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
63 q_1483	Often forget to put things back in their proper place.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
64 q_379	Believe that people are basically moral.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
65 q_1609	Rebel against authority.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
66 q_1244	Laugh aloud.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
67 q_1683	Seldom get mad.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
68 q_1254	Leave a mess in my room.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
69 q_4289	Trust people to mainly tell the truth.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
70 q_1834	Think quickly.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

Please cite as:
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SPI-70-5 version 1.1

Administration Instructions

This form is one of several personality assessment tools associated with the SAPA Measurement Framework. This version is designed for the assessment of individuals who are over the age of 12 and fluent in English. These same items can also be administered verbally (by proxy) to individuals who are not fully literate.

There are many options for administering and scoring tools in the SAPA Measurement Framework. See Appendix E of the reference cited at the end of these instructions for recommendations and advice.

Scoring Instructions

Each of these 70 items is associated with one of the 5-factor scales listed below (14 items per scale). To generate scale scores, sum the values that correspond to each response for the items that are associated with each scale. **Note that some items need to be reverse scored as indicated in the lists below by an "R"**. To reverse score an item, subtract the value of the response given from 7.

The items associated with each scale are as follows:

5-Factor: Extraversion

Item No.	Item Label	Rev?	Response (numeric)		Score
1	q_1904	no	_____	=	
6	q_4243	no	_____	=	
11	q_312	yes	7 – _____	=	
16	q_565	yes	7 – _____	=	
21	q_1416	no	_____	=	
26	q_1923	yes	7 – _____	=	
31	q_1027	yes	7 – _____	=	
36	q_684	yes	7 – _____	=	
41	q_254	no	_____	=	
46	q_1296	yes	7 – _____	=	
51	q_901	yes	7 – _____	=	
56	q_1243	no	_____	=	
61	q_803	no	_____	=	
66	q_1244	no	_____	=	

Total (sum) score ☐

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-70-5 version 1.1

5-Factor: Neuroticism

Item No.	Item Label	Rev?	Response (numeric)		Score
2	q_979	no	_____	=	
7	q_4252	no	_____	=	
12	q_1989	no	_____	=	
17	q_1505	no	_____	=	
22	q_4249	no	_____	=	
27	q_808	no	_____	=	
32	q_793	no	_____	=	
37	q_1840	yes	7 – _____	=	
42	q_811	no	_____	=	
47	q_1585	yes	7 – _____	=	
52	q_578	no	_____	=	
57	q_176	yes	7 – _____	=	
62	q_797	yes	7 – _____	=	
67	q_1683	yes	7 – _____	=	

Total (sum) score ☐

5-Factor: Conscientiousness

Item No.	Item Label	Rev?	Response (numeric)		Score
3	q_1290	no	_____	=	
8	q_1744	no	_____	=	
13	q_1979	no	_____	=	
18	q_1452	yes	7 – _____	=	
23	q_1915	no	_____	=	
28	q_1201	no	_____	=	
33	q_530	no	_____	=	
38	q_904	yes	7 – _____	=	
43	q_1867	no	_____	=	
48	q_1694	no	_____	=	
53	q_369	no	_____	=	
58	q_1444	yes	7 – _____	=	
63	q_1483	yes	7 – _____	=	
68	q_1254	yes	7 – _____	=	

Total (sum) score ☐

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-70-5 version 1.1

5-Factor: Agreeableness

Item No.	Item Label	Rev?	Response (numeric)		Score
4	q_90	no	_____	=	
9	q_1763	no	_____	=	
14	q_253	no	_____	=	
19	q_1896	yes	7 – _____	=	
24	q_851	no	_____	=	
29	q_1832	no	_____	=	
34	q_501	yes	7 – _____	=	
39	q_377	no	_____	=	
44	q_871	yes	7 – _____	=	
49	q_1855	no	_____	=	
54	q_4296	yes	7 – _____	=	
59	q_142	yes	7 – _____	=	
64	q_379	no	_____	=	
69	q_4289	no	_____	=	

Total (sum) score ☐

5-Factor: Openness

Item No.	Item Label	Rev?	Response (numeric)		Score
5	q_128	no	_____	=	
10	q_2745	no	_____	=	
15	q_2754	no	_____	=	
20	q_1392	no	_____	=	
25	q_1058	no	_____	=	
30	q_240	no	_____	=	
35	q_1738	no	_____	=	
40	q_422	no	_____	=	
45	q_1389	no	_____	=	
50	q_1310	no	_____	=	
55	q_1880	no	_____	=	
60	q_747	yes	7 – _____	=	
65	q_1609	no	_____	=	
70	q_1834	no	_____	=	

Total (sum) score ☐

(continued on the next page)

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-70-5 version 1.1

Internal consistency estimates

These are based on administration of all the 70 items listed in this form using the three samples described in the citation below (total N = 126,884 participants):

	Alpha	Unidimensionality	# of items
Agreeableness (SPI-70-5)	.87	.71	14
Conscientiousness (SPI-70-5)	.86	.71	14
Extraversion (SPI-70-5)	.90	.80	14
Neuroticism (SPI-70-5)	.90	.79	14
Openness (SPI-70-5)	.81	.59	14

Citation and Contact

Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

If you have questions or feedback about this measure, please contact:
David M. Condon at david-condon@northwestern.edu

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-45-5 version 1.1

Please use the response options to indicate how accurately each phrase or sentence describes you. Mark only one box per row.

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
1 q_1904	Usually like to spend my free time with people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
2 q_979	Get overwhelmed by emotions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
3 q_1290	Like order.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
4 q_90	Am concerned about others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
5 q_128	Am full of ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
6 q_4243	Like going out a lot.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
7 q_4252	Am a worrier.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
8 q_1744	Start tasks right away.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
9 q_1763	Sympathize with others' feelings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
10 q_2745	Am able to come up with new and different ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
11 q_312	Avoid company.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
12 q_1989	Worry about things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
13 q_1979	Work hard.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
14 q_253	Am sensitive to the needs of others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
15 q_2754	Am an original thinker.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
16 q_565	Dislike being the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-45-5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
17 q_1505	Panic easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
18 q_1452	Neglect my duties.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
19 q_1896	Use others for my own ends.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
20 q_1392	Love to think up new ways of doing things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
21 q_1416	Make myself the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
22 q_4249	Would call myself a nervous person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
23 q_1915	Want every detail taken care of.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
24 q_851	Feel sympathy for those who are worse off than myself.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
25 q_1058	Have a vivid imagination.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
26 q_1923	Want to be left alone.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
27 q_808	Fear for the worst.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
28 q_1201	Keep things tidy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
29 q_1832	Think of others first.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
30 q_240	Am quick to understand things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
31 q_1027	Hate being the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
32 q_793	Experience my emotions intensely.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
33 q_530	Continue until everything is perfect.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
34 q_501	Cheat to get ahead.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-45-5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
35 q_1738	Spend time reflecting on things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
36 q_684	Don't like crowded events.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
37 q_1840	Think that my moods don't change more than most peoples do.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
38 q_904	Find it difficult to get down to work.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
39 q_377	Believe that others have good intentions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
40 q_422	Can handle a lot of information.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
41 q_254	Am skilled in handling social situations.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
42 q_811	Feel a sense of worthlessness or hopelessness.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
43 q_1867	Try to follow the rules.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
44 q_871	Feel that most people can't be trusted.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
45 q_1389	Love to reflect on things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-45-5 version 1.1

Administration Instructions

This form is one of several personality assessment tools associated with the SAPA Measurement Framework. This version is designed for the assessment of individuals who are over the age of 12 and fluent in English. These same items can also be administered verbally (by proxy) to individuals who are not fully literate.

There are many options for administering and scoring tools in the SAPA Measurement Framework. See Appendix E of the reference cited at the end of these instructions for recommendations and advice.

Scoring Instructions

Each of these 45 items is associated with one of the 5-factor scales listed below (9 items per scale). To generate scale scores, sum the values that correspond to each response for the items that are associated with each scale. **Note that some items need to be reverse scored as indicated in the lists below by an "R"**. To reverse score an item, subtract the value of the response given from 7.

The items associated with each scale are as follows:

5-Factor: Extraversion

Item No.	Item Label	Rev?	Response (numeric)		Score
1	q_1904	no	_____	=	
6	q_4243	no	_____	=	
11	q_312	yes	7 – _____	=	
16	q_565	yes	7 – _____	=	
21	q_1416	no	_____	=	
26	q_1923	yes	7 – _____	=	
31	q_1027	yes	7 – _____	=	
36	q_684	yes	7 – _____	=	
41	q_254	no	_____	=	

Total (sum) score ☐

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-45-5 version 1.1

5-Factor: Neuroticism

Item No.	Item Label	Rev?	Response (numeric)		Score
2	q_979	no	_____	=	
7	q_4252	no	_____	=	
12	q_1989	no	_____	=	
17	q_1505	no	_____	=	
22	q_4249	no	_____	=	
27	q_808	no	_____	=	
32	q_793	no	_____	=	
37	q_1840	yes	7 – _____	=	
42	q_811	no	_____	=	

Total (sum) score

5-Factor: Conscientiousness

Item No.	Item Label	Rev?	Response (numeric)		Score
3	q_1290	no	_____	=	
8	q_1744	no	_____	=	
13	q_1979	no	_____	=	
18	q_1452	yes	7 – _____	=	
23	q_1915	no	_____	=	
28	q_1201	no	_____	=	
33	q_530	no	_____	=	
38	q_904	yes	7 – _____	=	
43	q_1867	no	_____	=	

Total (sum) score

5-Factor: Agreeableness

Item No.	Item Label	Rev?	Response (numeric)		Score
4	q_90	no	_____	=	
9	q_1763	no	_____	=	
14	q_253	no	_____	=	
19	q_1896	yes	7 – _____	=	
24	q_851	no	_____	=	
29	q_1832	no	_____	=	
34	q_501	yes	7 – _____	=	
39	q_377	no	_____	=	
44	q_871	yes	7 – _____	=	

Total (sum) score

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-45-5 version 1.1

5-Factor: Openness

Item No.	Item Label	Rev?	Response (numeric)		Score
5	q_128	no	_____	=	
10	q_2745	no	_____	=	
15	q_2754	no	_____	=	
20	q_1392	no	_____	=	
25	q_1058	no	_____	=	
30	q_240	no	_____	=	
35	q_1738	no	_____	=	
40	q_422	no	_____	=	
45	q_1389	no	_____	=	

Total (sum) score [ ]

Internal consistency estimates

These are based on administration of all the 45 items listed in this form using the three samples described in the citation below (total N = 126,884 participants):

	Alpha	Unidimensionality	# of items
Agreeableness (SPI-45-5)	.84	.75	9
Conscientiousness (SPI-45-5)	.82	.74	9
Extraversion (SPI-45-5)	.88	.84	9
Neuroticism (SPI-45-5)	.89	.85	9
Openness (SPI-45-5)	.82	.70	9

Citation and Contact

Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

If you have questions or feedback about this measure, please contact:
David M. Condon at david-condon@northwestern.edu

SPI-20-5 version 1.1

Please use the response options to indicate how accurately each phrase or sentence describes you. Mark only one box per row.

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
1 q_1904	Usually like to spend my free time with people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
2 q_979	Get overwhelmed by emotions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
3 q_1290	Like order.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
4 q_90	Am concerned about others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
5 q_128	Am full of ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
6 q_4243	Like going out a lot.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
7 q_4252	Am a worrier.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
8 q_1744	Start tasks right away.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
9 q_1763	Sympathize with others' feelings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
10 q_2745	Am able to come up with new and different ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
11 q_312	Avoid company.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
12 q_1989	Worry about things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
13 q_1979	Work hard.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
14 q_253	Am sensitive to the needs of others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
15 q_2754	Am an original thinker.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
16 q_565	Dislike being the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-20-5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
17 q_1505	Panic easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
18 q_1452	Neglect my duties.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
19 q_1896	Use others for my own ends.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
20 q_1392	Love to think up new ways of doing things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-20-5 version 1.1

Administration Instructions

This form is one of several personality assessment tools associated with the SAPA Measurement Framework. This version is designed for the assessment of individuals who are over the age of 12 and fluent in English. These same items can also be administered verbally (by proxy) to individuals who are not fully literate.

There are many options for administering and scoring tools in the SAPA Measurement Framework. See Appendix E of the reference cited at the end of these instructions for recommendations and advice.

Scoring Instructions

Each of these 20 items is associated with one of the 5-factor scales listed below (4 items per scale). To generate scale scores, sum the values that correspond to each response for the items that are associated with each scale. **Note that some items need to be reverse scored as indicated in the lists below by an "R"**. To reverse score an item, subtract the value of the response given from 7.

The items associated with each scale are as follows:

5-Factor: Extraversion

Item No.	Item Label	Rev?	Response (numeric)		Score
1	q_1904	no	_____	=	
6	q_4243	no	_____	=	
11	q_312	yes	7 – _____	=	
16	q_565	yes	7 – _____	=	

Total (sum) score ☐

5-Factor: Neuroticism

Item No.	Item Label	Rev?	Response (numeric)		Score
2	q_979	no	_____	=	
7	q_4252	no	_____	=	
12	q_1989	no	_____	=	
17	q_1505	no	_____	=	

Total (sum) score ☐

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-20-5 version 1.1

5-Factor: Conscientiousness

Item No.	Item Label	Rev?	Response (numeric)		Score
3	q_1290	no	_____	=	
8	q_1744	no	_____	=	
13	q_1979	no	_____	=	
18	q_1452	yes	7 – _____	=	

Total (sum) score ☐

5-Factor: Agreeableness

Item No.	Item Label	Rev?	Response (numeric)		Score
4	q_90	no	_____	=	
9	q_1763	no	_____	=	
14	q_253	no	_____	=	
19	q_1896	yes	7 – _____	=	

Total (sum) score ☐

5-Factor: Openness

Item No.	Item Label	Rev?	Response (numeric)		Score
5	q_128	no	_____	=	
10	q_2745	no	_____	=	
15	q_2754	no	_____	=	
20	q_1392	no	_____	=	

Total (sum) score ☐

Internal consistency estimates

These are based on administration of all the 20 items listed in this form using the three samples described in the citation below (total N = 126,884 participants):

	Alpha	Unidimensionality	# of items
Agreeableness (SPI-20-5)	.79	.82	4
Conscientiousness (SPI-20-5)	.73	.74	4
Extraversion (SPI-20-5)	.79	.83	4
Neuroticism (SPI-20-5)	.84	.89	4
Openness (SPI-20-5)	.85	.92	4

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-20-5 version 1.1

Citation and Contact

Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

If you have questions or feedback about this measure, please contact:
David M. Condon at david-condon@northwestern.edu

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-27-27&5 version 1.1

Please use the response options to indicate how accurately each phrase or sentence describes you. Mark only one box per row.

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
1 q_253	Am sensitive to the needs of others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
2 q_952	Get angry easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
3 q_1904	Usually like to spend my free time with people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
4 q_578	Dislike myself.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
5 q_1367	Love dangerous situations.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
6 q_4252	Am a worrier.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
7 q_4296	Tell a lot of lies.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
8 q_904	Find it difficult to get down to work.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
9 q_240	Am quick to understand things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
10 q_2745	Am able to come up with new and different ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
11 q_35	Act without thinking.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
12 q_565	Dislike being the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
13 q_1201	Keep things tidy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
14 q_1624	Respect authority.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
15 q_1045	Have a natural talent for influencing people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
16 q_1855	Trust what people say.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-27-27&5 version 1.1

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
17 q_1243	Laugh a lot.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
18 q_219	Am open about my feelings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
19 q_610	Do not like art.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
20 q_1389	Love to reflect on things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
21 q_530	Continue until everything is perfect.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
22 q_56	Am able to control my cravings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
23 q_152	Am just an ordinary person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
24 q_566	Dislike changes.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
25 q_1329	Like to take it easy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
26 q_979	Get overwhelmed by emotions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
27 q_345	Believe in one true religion.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-27-27&5 version 1.1

Administration Instructions

This form is one of several personality assessment tools associated with the SAPA Measurement Framework. This version is designed for the assessment of individuals who are over the age of 12 and fluent in English. These same items can also be administered verbally (by proxy) to individuals who are not fully literate.

There are many options for administering and scoring tools in the SAPA Measurement Framework. See Appendix E of the reference cited at the end of these instructions for recommendations and advice.

Scoring Instructions

Each of the 27 items listed in this file is associated with one of the 27-factor scales listed below (1 items per scale). 15 of these 27 items are also associated with one of the 5-factor scales listed below (3 items per scale). To generate scale scores, sum the values that correspond to each response for the items that are associated with each scale. **Note that some items need to be reverse scored as indicated below by subtracting the value of the response given from 7**. The tables below are intended to help with scoring.

5-Factor: Extraversion

Item No.	Item Label	Rev?	Response (numeric)		Score
3	q_1904	no	_____	=	
12	q_565	yes	7 – _____	=	
17	q_1243	no	_____	=	

Total (sum) score ☐

5-Factor: Neuroticism

Item No.	Item Label	Rev?	Response (numeric)		Score
4	q_578	no	_____	=	
6	q_4252	no	_____	=	
26	q_979	no	_____	=	

Total (sum) score ☐

5-Factor: Conscientiousness

Item No.	Item Label	Rev?	Response (numeric)		Score
8	q_904	yes	7 – _____	=	
13	q_1201	no	_____	=	
21	q_530	no	_____	=	

Total (sum) score ☐

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-27-27&5 version 1.1

5-Factor: Agreeableness

Item No.	Item Label	Rev?	Response (numeric)		Score
1	q_253	no	_____	=	
7	q_4296	yes	7 – _____	=	
16	q_1855	no	_____	=	

Total (sum) score ☐

5-Factor: Openness

Item No.	Item Label	Rev?	Response (numeric)		Score
9	q_240	no	_____	=	
10	q_2745	no	_____	=	
20	q_1389	no	_____	=	

Total (sum) score ☐

(continued on the next page)

Please cite as:
Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

SPI-27-27&5 version 1.1

Scoring for the SPI-27 Factors

Enter the response given for each item and sum them to generate the scale scores. Reverse-scored items are indicated by being subtracting from 7.

		Item 1		Total
Compassion		_____	=	_____
	Item Number	1		
	Item Label	q_253		
Irritability		_____	=	_____
	Item Number	2		
	Item Label	q_952		
Sociability		_____	=	_____
	Item Number	3		
	Item Label	q_1904		
Well-Being		7 – _____	=	_____
	Item Number	4		
	Item Label	q_578		
Sensation-Seeking		_____	=	_____
	Item Number	5		
	Item Label	q_1367		
Anxiety		____	=	_____
	Item Number	6		
	Item Label	q_4252		
Honesty		7 – _____	=	_____
	Item Number	7		
	Item Label	q_4296		
Industry		7 – _____	=	_____
	Item Number	8		
	Item Label	q_904		
Intellect		_____	=	_____
	Item Number	9		
	Item Label	q_240		
Creativity		_____	=	_____
	Item Number	10		
	Item Label	q_2745		
Impulsivity		_____	=	_____
	Item Number	11		
	Item Label	q_35		

(continued on the next page)

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	Item 1		Total
Attention-Seeking	7 – _____	=	_____
Item Number	12		
Item Label	q_565		
Order	_____	=	_____
Item Number	13		
Item Label	q_1201		
Authoritarianism	_____	=	_____
Item Number	14		
Item Label	q_1624		
Charisma	_____	=	_____
Item Number	15		
Item Label	q_1045		
Trust	_____	=	_____
Item Number	16		
Item Label	q_1855		
Humor	_____	=	_____
Item Number	17		
Item Label	q_1243		
Emotional Expressiveness	_____	=	_____
Item Number	18		
Item Label	q_219		
Art Appreciation	7 – _____	=	_____
Item Number	19		
Item Label	q_610		
Introspection	_____	=	_____
Item Number	20		
Item Label	q_1389		
Perfectionism	_____	=	_____
Item Number	21		
Item Label	q_530		
Self-Control	_____	=	_____
Item Number	22		
Item Label	q_56		
Conformity	_____	=	_____
Item Number	23		
Item Label	q_152		

(continued on the next page)

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	Item 1		Total
Adaptability	7 – _____	=	_____
Item Number	24		
Item Label	q_566		
Easy-Goingness	_____	=	_____
Item Number	25		
Item Label	q_1329		
Emotional Stability	7 – _____	=	_____
Item Number	26		
Item Label	q_979		
Conservatism	_____	=	_____
Item Number	27		
Item Label	q_345		

(continued on the next page)

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Internal consistency estimates

It is not possible to calculate internal consistencies for single item measures so none are given for the 27 factor scales. It is possible to calculate the internal consistencies for the 5 factor solutions because each scale includes 3 items. (Note that they're not very good, but that's what happens with so few items!) These are based on administration of all the 27 items listed in this form using the three samples described in the citation below (total N = 126,884 participants):

	Alpha	Unidimensionality	# of items
Agreeableness (SPI-27-5)	.49	.49	3
Conscientiousness (SPI-27-5)	.58	.61	3
Extraversion (SPI-27-5)	.60	.63	3
Neuroticism (SPI-27-5)	.68	.75	3
Openness (SPI-27-5)	.49	.48	3

Citation and Contact

Condon, D.M. (2017). The SAPA Personality Inventory: An empirically-derived, hierarchically-organized self-report personality assessment model.

If you have questions or feedback about this measure, please contact:
David M. Condon at david-condon@northwestern.edu

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Please use the response options to indicate how accurately each phrase or sentence describes you. Mark only one box per row.

		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
1 q_253	Am sensitive to the needs of others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
2 q_952	Get angry easily.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
3 q_1904	Usually like to spend my free time with people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
4 q_578	Dislike myself.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
5 q_1367	Love dangerous situations.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
6 q_4252	Am a worrier.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
7 q_4296	Tell a lot of lies.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
8 q_904	Find it difficult to get down to work.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
9 q_240	Am quick to understand things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
10 q_2745	Am able to come up with new and different ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
11 q_35	Act without thinking.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
12 q_565	Dislike being the center of attention.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
13 q_1201	Keep things tidy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
14 q_1624	Respect authority.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
15 q_1045	Have a natural talent for influencing people.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
16 q_1855	Trust what people say.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
17 q_1243	Laugh a lot.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
18 q_219	Am open about my feelings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
19 q_610	Do not like art.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
20 q_1389	Love to reflect on things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
21 q_530	Continue until everything is perfect.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
22 q_56	Am able to control my cravings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
23 q_152	Am just an ordinary person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
24 q_566	Dislike changes.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
25 q_1329	Like to take it easy.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
26 q_979	Get overwhelmed by emotions.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
27 q_345	Believe in one true religion.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
28 q_1744	Start tasks right away.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
29 q_90	Am concerned about others.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
30 q_2754	Am an original thinker.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
31 q_312	Avoid company.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
32 q_1989	Worry about things.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
33 q_1979	Work hard.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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		Very Inaccurate	Moderately Inaccurate	Slightly Inaccurate	Slightly Accurate	Moderately Accurate	Very Accurate
34 q_1763	Sympathize with others' feelings.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6
35 q_128	Am full of ideas.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5	☐ 6

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Administration Instructions

This form is one of several personality assessment tools associated with the SAPA Measurement Framework. This version is designed for the assessment of individuals who are over the age of 12 and fluent in English. These same items can also be administered verbally (by proxy) to individuals who are not fully literate.

There are many options for administering and scoring tools in the SAPA Measurement Framework. See Appendix E of the reference cited at the end of these instructions for recommendations and advice.

Scoring Instructions

27 of the 35 items listed in this file are taken from the 27-item "signal items" form (1 item per scale). These items have been supplemented by a handful of items associated with the 5-factor scales in order to allow for simultaneous assessment at both levels with as few items as possible and acceptable internal consistency (at least at the 5-factor level).

To generate scale scores, sum the values that correspond to each response for the items that are associated with each scale. **Note that some items need to be reverse scored as indicated below by subtracting the value of the response given from 7**. The tables below are intended to help with scoring.

Score the items associated with each 5-factor scale as follows:

5-Factor: Extraversion

Item No.	Item Label	Rev?	Response (numeric)		Score
3	q_1904	no	_____	=	
12	q_565	yes	7 – _____	=	
17	q_1243	no	_____	=	
31	q_312	yes	7 – _____	=	

Total (sum) score ☐

5-Factor: Neuroticism

Item No.	Item Label	Rev?	Response (numeric)		Score
4	q_578	no	_____	=	
6	q_4252	no	_____	=	
26	q_979	no	_____	=	
32	q_1989	no	_____	=	

Total (sum) score ☐

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5-Factor: Conscientiousness

Item No.	Item Label	Rev?	Response (numeric)		Score
8	q_904	yes	7 – ____	=	
13	q_1201	no	____	=	
28	q_1744	no	____	=	
33	q_1979	no	____	=	

Total (sum) score ☐

5-Factor: Agreeableness

Item No.	Item Label	Rev?	Response (numeric)		Score
1	q_253	no	____	=	
29	q_90	no	____	=	
34	q_1763	no	____	=	

Total (sum) score ☐

5-Factor: Openness

Item No.	Item Label	Rev?	Response (numeric)		Score
9	q_240	no	____	=	
10	q_2745	no	____	=	
30	q_2754	no	____	=	
35	q_128	no	____	=	

Total (sum) score ☐

27-Factor: Compassion
Item 1 in the table given (item labels q_253).

27-Factor: Irritability
Item 2 in the table given (item labels q_952).

27-Factor: Sociability
Item 3 in the table given (item labels q_1904).

(continued on the next page)

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27-Factor: Well-Being
Item 4 (R) in the table given (item labels q_578).

27-Factor: Sensation-Seeking
Item 5 in the table given (item labels q_1367).

27-Factor: Anxiety
Item 6 in the table given (item labels q_4252).

27-Factor: Honesty
Item 7 (R) in the table given (item labels q_4296).

27-Factor: Industry
Item 8 (R) in the table given (item labels q_904).

27-Factor: Intellect
Item 9 in the table given (item labels q_240).

27-Factor: Creativity
Item 10 in the table given (item labels q_2745).

27-Factor: Impulsivity
Item 11 in the table given (item labels q_35).

27-Factor: Attention-Seeking
Item 12 (R) in the table given (item labels q_565).

27-Factor: Order
Item 13 in the table given (item labels q_1201).

27-Factor: Authoritarianism
Item 14 in the table given (item labels q_1624).

27-Factor: Charisma
Item 15 in the table given (item labels q_1045).

27-Factor: Trust
Item 16 in the table given (item labels q_1855).

27-Factor: Humor
Item 17 in the table given (item labels q_1243).

27-Factor: Emotional Expressiveness
Item 18 in the table given (item labels q_219).

27-Factor: Art Appreciation
Item 19 (R) in the table given (item labels q_610).

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27-Factor: Introspection
Item 20 in the table given (item labels q_1389).

27-Factor: Perfectionism
Item 21 in the table given (item labels q_530).

27-Factor: Self-Control
Item 22 in the table given (item labels q_56).

27-Factor: Conformity
Item 23 in the table given (item labels q_152).

27-Factor: Adaptability
Item 24 (R) in the table given (item labels q_566).

27-Factor: Easy-Goingness
Item 25 in the table given (item labels q_1329).

27-Factor: Emotional Stability
Item 26 (R) in the table given (item labels q_979).

27-Factor: Conservatism
Item 27 in the table given (item labels q_345).

(continued on the next page)

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Internal consistency estimates

It is not possible to calculate internal consistencies for single item measures so none are given for the 27 factor scales. It is possible to calculate the internal consistencies for the 5 factor solutions because each scale includes 3 or 4 items. These are based on administration of all the 35 Items listed in this form using the three samples described in the citation below (total N = 126,884 participants):

	Alpha	Unidimensionality	# of items
Agreeableness (SPI-35-5)	.86	.94	3
Conscientiousness (SPI-35-5)	.76	.81	4
Extraversion (SPI-35-5)	.74	.74	4
Neuroticism (SPI-35-5)	.79	.82	4
Openness (SPI-35-5)	.79	.82	4

Citation and Contact

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