

**Technical Report:  
Wellbeing Assessment Methods and Psychometric Properties  
for the Spring 2019 Administration**

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## Table of Contents

<b>DOCUMENT PURPOSE</b>	<b>3</b>
<b>MEASURE</b>	<b>3</b>
<b>SURVEY PROCEDURES</b>	<b>4</b>
<b>PARTICIPANTS</b>	<b>5</b>
<b>SCHOOL CHARACTERISTICS</b>	<b>5</b>
<b>DATA CONDITIONING</b>	<b>5</b>
<b>FACTOR SCORES</b>	<b>7</b>
<b>SUBSTANTIVE VALIDITY (MESSICK, 1995)</b>	<b>8</b>
<b>RELIABILITY</b>	<b>8</b>
<b>GENERALIZABILITY</b>	<b>9</b>
<b>CONVERGENT VALIDITY</b>	<b>9</b>
<b>DISCRIMINANT VALIDITY</b>	<b>10</b>
<b>REFERENCES</b>	<b>11</b>
<b>TABLE 1. WEIGHTS</b>	<b>14</b>
<b>TABLE 2. 2019 ALPHA AND OMEGA RELIABILITY ESTIMATES FOR THE 18 WELLBEING DIMENSIONS WITH LATENT VARIABLE STRUCTURES</b>	<b>16</b>
<b>APPENDIX: 2019 CFA &amp; SCORING CODE AND PARAMETER ESTIMATES</b>	<b>17</b>
FIRST, THE CODE	17
THE UNSTANDARDIZED PARAMETER ESTIMATES, WHICH CAN BE USED TO SCORE NEW DATA	19

## **Document Purpose**

The purpose of this document is to describe the methods used to (a) administer the Wellbeing Assessment, (b) condition the data, and (c) evaluate quantitative validity and scoring procedures for the latent factor structures within the Wellbeing Assessment.

The scoring details provided in this report are for scores calculated subsequent to the score version released to participating schools immediately after the 2019 administration. This document does not provide accurate code or item-factor loadings for data provided to participating schools. As we also explain in the codebook, in the process of scoring the 2020 data, we made some edits to the 2019 scores so that they would be comparable to the 2020 scores. The original version of the 2019 scores is not comparable to the spring 2020 scores because the 2019 version of the scores included the item HAPPY\_4, which is not in the 2020 survey. We also made some adjustments to weighting and factor scaling procedures. For schools that participated in subsequent versions of the Assessment, we provided recalibrated 2019 scores.

## **Measure**

The Wellbeing Assessment was developed using four rounds of cognitive interviews (Fall 2015 – Spring 2018) and five pilot administrations (two local administrations in Fall 2015 and Spring 2016, and three multisite administrations in 2017, 2018, and 2019). We include the Spring 2019 administration as a “pilot” administration because we used the data from this administration to finalize the measurement model.

The Wellbeing Assessment includes 18 dimensions of wellbeing measured as latent factors: happiness, anxiety, depression, loneliness, social anxiety, life satisfaction, self-esteem, optimism, perseverance, coping, activity engagement, academic engagement, belonging, friends, meaning, purpose, civic values – moral, and civic values – political. The modeling and scoring procedures in this

document include only these dimensions. The codebook explains which items from these dimensions were included in the procedures described below.

The Wellbeing Assessment includes much more content than is referenced in this document. More information about the measure can be found on our website and in the codebook.

### **Survey Procedures**

**Recruitment.** The Wellbeing Assessment is administered annually at universities and colleges that volunteer to participate, resulting in a large and diverse convenience sample of undergraduate college students. In the spring 2019 administration, 28 schools from across the country participated. All were 4-year institutions. They were public and private institutions varying in size from fewer than 1000 undergraduate students to more than 15,000 undergraduate students.

Individual schools provided participation incentives, with some schools providing no incentives, some providing small incentives to all students, and some providing larger lottery items. Schools' incentives were reviewed for appropriateness and IRB compliance by the research team.

**Planned missing data design.** Because the Wellbeing Assessment is very large (approximately 250 items), it was administered using a planned missing data design to reduce respondent burden and improve data quality by reducing missingness due to attrition (Graham et al., 2006; Little & Rhemtulla, 2013; Raghunathan & Grizzle, 1995). In this design, participants saw approximately two-thirds of the items in each section of the Assessment. There are three counter-balanced patterns of missingness that were developed to ensure that every possible pair of items is responded to by at least one-third of participants. Data that are missing due to this design are missing completely at random (MCAR). The design resulted in each participant having 33% of their data missing due to MCAR. MCAR reduces the power available in analyses but does not cause biases in model parameter estimates.

**Survey Randomization.** To reduce missingness from attrition (i.e., participants not finishing the survey), we randomized many of the substantive sections of the survey. The mood items (happiness, loneliness, anxiety, depression, social anxiety) and some of the demographic items were presented at the start of the survey without randomization. The rest of the item sets used in the factor scoring were presented randomly. The items within the sets were always presented in the same order.

### **Participants**

Between the months of February and May 2019, approximately<sup>1</sup> 94,819 students were invited to participate; 13,287 (14.01%) consented. After removing entirely blank cases and graduate students, the final sample is 11,921. Because of unplanned missing data due to attrition, the usable cases in any particular analysis may be lower than this number. Sample descriptives are included with the survey weights in Table 1.

### **School Characteristics**

Of the 28 participating schools:

- Public/private: 15 were private, 13 were public
- Size: 8 schools had undergraduate FTE enrollments of >10,000; 4 had enrollments of >5,000 & <10,000, and 16 had enrollments <5,000
- Region:
  - Northeast: 7 schools
  - Southeast: 11 schools
  - Midwest: 7 schools
  - West: 3 schools

---

<sup>1</sup> We say “approximately” because some schools administered the survey themselves, and we are reliant on their information about the number of students who received invitations.

## Data Conditioning

**Missing data.** We suggest that you evaluate for your set of variables the rates of missing data beyond the expected 33% planned missingness. For the variables in the models presented here, unexpected missingness ranged from 0% to 13%.

For the variables used to generate the factor scores, we tested for MCAR using Little's (1998) MCAR test using the TestMCARNormality function in the MissMech package (Jamshidian, Jalal, & Jansen, 2014) in RStudio 3.51 (RStudio Team, 2016). MCAR was rejected. However, an examination of the separate variance t-tests using Missing Values Analysis in SPSS (version 26) indicated that missing data associated with other variables in the model. Thus, the missing at random (MAR) assumption was supported for this set of variables. More information about modeling data with missingness is available in Enders (2010) and Enders & Bandalos (2001).

To reduce bias in the parameter estimates caused by missing data, we used full information maximum likelihood (FIML) estimators to generate the factor scores (Enders, 2010).

**Additional modules.** Item sets marked as "additional modules" in the codebook were optional, and therefore not all students received them. These items were not administered with a planned missing data format, and they were not part of any models presented here.

**Weighting.** To improve the generalizability of the data to the general population of undergraduate students, we weighted the data using a raking procedure via the survey package (Lumley 2004, 2019). We used joint distributions for gender and race/ethnicity per 2017 NCES statistics (National Center for Education Statistics, 2018) for gender and race/ethnicity of undergraduate student enrollment. Because we used a joint distribution, the raking procedure returns the same weights as a calibration procedure. The NCES data does not capture all the race/ethnicity categories captured in our data, and so we adjusted the national proportions to create the additional categories reflected in our

data. The raking procedure provides calibration weights that reduce bias associated with under/oversampling demographic groups in the population, thereby improving generalizability to the general population. This procedure does not correct for all possible sources of survey error. Weights were used in the CFA modeling that provides the dimension factor scores.

The raw weights for the data range from .521 to 5.97. The upper range of the weights is somewhat extreme, and so we trimmed the upper weights to 3. The literature does not provide clear guidance about when weights are “extreme” or which method to use. We somewhat arbitrarily chose an upper cutoff of 3 because it shows up in numerous informal rules-of-thumb and because it makes some general sense: “counting” any individual in the data set as more than 3 times their original record seems like a strong interpretation of the data. Table 1 includes values for both the untrimmed (RAW\_WT\_Value) and trimmed (TRIM\_WT\_Value) weights so that you can use whichever weights you think are appropriate. ***We used the TRIM\_WT value to conduct all the scoring and other models presented in this document.***

**Item distributions.** We evaluated variable distributions (kurtosis and skewness) and multicollinearity (VIF, variance inflation factor). Kurtosis and skewness are modest and within recommended ranges. To generate standard errors that are appropriate robust to this data’s modest non-normality, we used MLR estimators for the structural equation models.

### **Factor Scores**

The 18 dimensions measured with latent factor structures were modeled with 57 items. The codebook describes which items from each dimension were included in those scores, and we provide the code used to generate this model along with unstandardized parameter estimates in the Appendix. We extracted factor scores using the Bartlett method in *lavaan* (Rosseel, 2012).

We also modeled an experimental subjective wellbeing factor score (SWB\_FS) using a bifactor model. More information about this score is provided in the codebook. The score was extracted using the regression method. This variable makes a number of assumptions about the nature of subjective wellbeing and modeling latent factors composed of multiple dimensions. ***You are welcome to use this score for your own internal, informal analyses, but we ask that you do not use this score for generalizable research until we have submitted it to peer review.***

Although factor score extraction theoretically results in factor scores that are normally distributed on a latent trait continuum ranging from -3 to +3 with a mean of 0 and standard deviation of 1, in practice those scores are on slightly different scales: the means, standard deviations, and scale continuum ranges may be slightly different from the values listed above, and those differences may be likely to vary across the scales (DiStefano, Zhu, & Míndrilã, 2009). We scaled the scores (to mean = 0, sd = 1) to correct for those slight variations in scale. To set them in a more usable metric, we then multiplied the scores by 10 and added 50 to give them a mean of 50 and standard deviation of 10.

### **Substantive Validity (Messick, 1995)**

In the original sample of 11,921 respondents (11,915 usable for this model), the 18-dimension model (excluding the bifactor SWB\_FS model) demonstrated high construct validity as evaluated in a weighted, confirmatory factor model in *lavaan* (Rosseel, 2012; see Data Conditioning for more information about the weights). Model identification was achieved by setting all latent factor variances to 1; all item loadings were freely estimated. Missing data was accommodated with FIML. We used the MLR estimator to generate standard errors of parameter estimate tests that were robust to non-normality in the data. Fit indices met commonly accepted cutoff criteria (Hu & Bentler, 1999; Yu, 2002; robust  $\chi^2$  (1386, N = 11,915) = 10,846.46,  $p < .001$ ; robust CFI = 0.97; robust TLI = 0.96; robust RMSEA = 0.03, 90% CI = .29 - .30; SRMR = 0.03).



## Reliability

Using the *semTools* package (Jorgensen, Pornprasertmanit, Schoemann, & Rosseel, 2019), alpha estimates ranged from .80 to .97.

Alpha has been strongly criticized for being biased and for failing to account for factor structure. Two common alternatives to alpha are omega (Bollen, 1980; Raykov, 2001) and composite reliability (Fornell & Larcker, 1981; Raykov, 2011). Both methods rely on latent factor structures to estimate reliability. Omega estimates as calculated using the *semTools* package (Jorgensen, Pornprasertmanit, Schoemann, & Rosseel, 2019) ranged from .81 to .97 (see Table 2). Guidelines for interpreting omega are the same as for interpreting alpha. Using the *matrixpls* package (Rönkkö, 2020), composite reliability (CR) estimates ranged from .87 - .98). CR values larger than 0.7 are considered acceptable.

## Generalizability

We tested measurement invariance for the 18 latent wellbeing dimensions (all the dimensions except the bifactor SWB\_FS score) across race/ethnicity, gender identity, first generation status, and sexual orientation identity using *Mplus* version 8.3 (Muthén & Muthén, 1998-2017). Following previous literature (Vandenberg & Lance, 2000), we conducted the measurement invariance analysis in the following procedure. First, we established a baseline model (configural invariance) in which the model structures are the same across five race groups while all parameters are freely estimated for different race groups. Next, we constrained the intercepts of the measurement model for each race group to be equal and fit a metric-invariant model through an application of a confirmatory analysis (CFA). Finally, we constrained both intercepts and loadings of the measurement model to be equal for each race group and fit a scalar-invariant model. For each step, we examined fit indexes including  $\chi^2$ , CFI, TLI, RMSEA, and SRMR. Considering the large sample size and sensitivity of chi-square tests, we used changes in GOF including CFI and RMSEA to determine whether we achieved measurement invariance for each step.

Specifically, when the change of CFA and RMSEA is less than 0.01 and the change of SRMR is less than 0.025, we determine the measurement invariance is established (Chen, Curran, Bollen, Kirby, & Paxton, 2008; Cheung & Rensvold, 2002).

### **Convergent Validity**

According to Fornell and Larcker (1981), we calculated average variance extracted (AVE). We calculated AVE with the *matrixpls* (Rönkkö, 2020) package in R using a formula variation appropriate for latent factor variances of 1. Values of .5 or greater are considered acceptable; values of .7 or higher are considered very good. The AVEs for the 18 dimensions ranged from 0.63 (civic engagement) to 0.95 (activity engagement). The AVE of .63 is slightly low but still considered as acceptable; it is also the only value below .7. The average AVE was .81. Thus, the model could be considered to achieve good convergent validity overall.

### **Discriminant Validity**

We calculated discriminant validity in two ways. First, we evaluated average variance extracted (AVE; as in convergent validity procedures) for each dimension to ensure that it was larger than the correlations between the constructs (Campbell & Fiske, 1959). Second, we evaluated heterotrait-monotrait (HTMT) correlation ratios to ensure that they were lower than .9 (Teo et al., 2008); analyses were conducted using the *semTools* (Jorgensen et al., 2019) and *matrixpls* packages (Rönkkö, 2020) in RStudio.

The AVEs for all dimensions were larger than the shared variance with other constructs (calculated as the largest squared correlation). The differences between AVE and the largest squared correlation were between 0.78 and 0.29. For HTMT indices, results from both the *matrixpls* and *semTools* packages yielded HTMT indices lower than 0.9, and results from two packages correlated around 0.99. Thus, the 18-dimension model achieved good discriminant validity.

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**Table 1. Weights**

<b>Gen_race indicator</b>	<b>GROUP_COUNT</b>	<b>RAW_WT_Value</b>	<b>TRIM_WT_Value</b>
F_Amind	23	2.32991899	2.33141248
F_Asian	712	0.52118776	0.52268125
F_Black	871	1.09827028	1.09976377
F_Hisp	1157	1.0958557	1.09734919
F_NA	36	1.14665952	1.14815301
F_Pacific	22	0.81194147	0.81343495
F_Two	413	0.57286696	0.57436045
F_White	5158	0.67331179	0.67480527
M_Amind	6	5.96582153	3
M_Asian	302	1.14866901	1.1501625
M_Black	232	2.54351313	2.54500662
M_Hisp	378	2.46944007	2.47093356
M_NA	12	1.00008389	1.00157738
M_Pacific	6	2.47900157	2.48049506
M_Two	124	1.43101244	1.43250593
M_White	1913	1.48434172	1.48583521
NA_NA	341	0.9912855	0.99277899
NA_Pacific	1	1.00008389	1.00157738
NA_White	3	1.00008389	1.00157738
O_Asian	17	1.00008389	1.00157738
O_Black	8	1.00008389	1.00157738
O_Hisp	32	1.00008389	1.00157738
O_NA	2	1.00008389	1.00157738
O_Two	11	1.00008389	1.00157738
O_White	141	1.00008389	1.00157738

Note: NA = not answered (missing)

Gen\_race indicator abbreviations:

- The abbreviations are structured as *gender\_race/ethnicity*
- Gender abbreviations
  - These abbreviations match the categories used in the GENDER item
  - F = female
  - M = male
  - O = other
  - NA = not answered (missing)
- Race/ethnicity abbreviations
  - These abbreviations match the categories in the calculated RACETHN variable

- Amind = American Indian or Alaska Native, not Hispanic
- Asian = Asian, not Hispanic
- Black = African American or Black, not Hispanic
- Hisp = Hispanic/Latino/a of any race
- NA = not answered (missing)
- Pacific = Native Hawaiian or other Pacific Islander, not Hispanic
- White = White, not Hispanic
- Two = Two or more races, not Hispanic

Asking about race and ethnicity using this structure is somewhat controversial. We use this method because it is the closest match to the NCES data, which are the best available data on undergraduate student enrollment.

The RAW\_WT\_Value column includes the untrimmed weights.

The TRIM\_WT\_Value column includes the trimmed weights. We used these weights in all our modeling.

**Table 2. 2019 Alpha and omega reliability estimates for the 18 wellbeing dimensions with latent variable structures**

	alpha	omega
HAPPY_FS	0.94730775	0.94796262
ANX_FS	0.82349969	0.82971652
DEP_FS	0.79867828	0.80767438
LONELY_FS	0.90960482	0.91592437
SOCANX_FS	0.88257356	0.88782167
LIFESAT_FS	0.86118503	0.86629709
SELFEST_FS	0.90441778	0.91405356
OPTIM_FS	0.8459906	0.82385052
PERSEV_FS	0.88508126	0.88307818
COPING_FS	0.89257276	0.89407869
ACTENG_FS	0.97180666	0.97199502
ACAENG_FS	0.88162358	0.88175888
BELONG_FS	0.92593679	0.92683382
FRIENDS_FS	0.95914436	0.95999439
MEANING_FS	0.8971155	0.90231461
PURPOSE_FS	0.92978146	0.92990194
CIVICMORAL_FS	0.80102887	0.80886866
CIVICPOL_FS	0.85613305	0.85769566



## Appendix: 2019 CFA & scoring code and parameter estimates

### *First, the code*

```
# 18-dimension model -----  
cfa_allfactors <- '  
#Set measurement model, first loading free.  
HAPPY_FS =~ HAPPY_1 + HAPPY_2 +  
    HAPPY_3 + HAPPY_5  
  
ANX_FS =~ ANX_1 + ANX_2 + ANX_5  
  
DEP_FS =~ DEP_1 + DEP_6 + DEP_7  
  
LONELY_FS =~ LONE_2 + LONE_3  
    LONE_4 + LONE_5  
  
SOCANX_FS =~ SOCANX_1 + SOCANX_2 + SOCANX_3  
  
LIFESAT_FS =~ LIFESAT_1 + LIFESAT_2 +  
    LIFESAT_4  
  
SELFEST_FS =~ SELFEST_1 +  
    SELFEST_3 + SELFEST_4  
  
OPTIM_FS =~ OPT_2 + OPT_3 + OPT_5  
  
PERSEV_FS =~ PERS_1 + PERS_2 + PERS_3  
  
COPING_FS =~ coping_n1 + coping_n2 + coping_n3  
# COPING_FS =~ COPING_1 + COPING_2 + COPING_3  
  
ACTENG_FS =~ ACT2_1 + ACT2_2 + ACT2_3  
  
ACAENG_FS =~ ACAENG_1 + ACAENG_2 + ACAENG_3  
  
BELONG_FS =~ BELONG_1 + BELONG_2 + BELONG_3  
  
FRIENDS_FS =~ FRIENDS_1 + FRIENDS_2 + FRIENDS_3  
  
MEANING_FS =~ MEANING_1 + MEANING_2 + MEANING_3  
  
PURPOSE_FS =~ PURP_1 + PURP_2 + PURP_3  
  
CIVICMORAL_FS =~ CIVIC_1 + CIVIC_2 + CIVIC_3 + CIVIC_4
```

```
CIVICPOL_FS =~ CIVIC_5 + CIVIC_6 + CIVIC_7'
```

```
# Run the model.
```

```
cfa_allfactors_fit <- cfa(cfa_allfactors,  
  data = rawdata,  
  estimator = "MLR",  
  missing = "fiml",  
  sampling.weights = "TRIM_WTS",  
  std.lv = TRUE) # Sets factor variances to 1
```

```
summary(cfa_allfactors_fit,  
  fit.measures = TRUE,  
  standardized = TRUE)
```

```
### Attach the factor scores to the data set.
```

```
# https://www.rdocumentation.org/packages/lavaan/versions/0.6-5/topics/lavPredict
```

```
# Make a vector of id values.
```

```
idx <- lavInspect(cfa_allfactors_fit, "case.idx")
```

```
# Put the factor scores in a vector.
```

```
fscores <- lavPredict(cfa_allfactors_fit, type = "lv",  
  method = "Bartlett", se = "none",  
  label = TRUE)
```

```
head(fscores)
```

```
# Attach scaled factor scores to the data set.
```

```
# We're rescaling because factor scores are usually not quite
```

```
# perfectly standardized.
```

```
for (fs in colnames(fscores)) {  
  rawdata[idx, fs] <- scale(fscores[, fs], scale = TRUE)  
}
```

```
names(rawdata)
```

```
# Rescale the factor scores to mean of 50 and SD of 10..
```

```
# We decided on this method because 0-100 methods resulted in
```

```
# negative scores, and methods based on the current sample's
```

```
# factor scores might not work in future years.
```

```
# Write a function, apply the function to the factor scores.
```

```
rescale <- function(x) {  
  (x*10)+50  
}
```

```
rawdata <- rawdata %>%  
  mutate_at(vars(contains("_FS")), ~rescale(.))
```

***The unstandardized parameter estimates, which can be used to score new data***

	lhs	op	rhs	est	se	z	pvalue	ci.lower	ci.upper
1	HAPPY_FS	=~	HAPPY_1	1.11244122	0.0081311	136.813169	0	1.09650457	1.12837788
2	HAPPY_FS	=~	HAPPY_2	1.09606462	0.00697766	157.081884	0	1.08238865	1.10974059
3	HAPPY_FS	=~	HAPPY_3	1.10048919	0.00805723	136.583985	0	1.0846973	1.11628108
4	HAPPY_FS	=~	HAPPY_5	1.08282444	0.00986215	109.796019	0	1.06349499	1.10215389
5	ANX_FS	=~	ANX_1	0.97778711	0.00976564	100.125227	0	0.95864681	0.99692742
6	ANX_FS	=~	ANX_2	1.18390869	0.01031548	114.770098	0	1.16369072	1.20412666
7	ANX_FS	=~	ANX_5	1.00628576	0.01144627	87.9138216	0	0.98385147	1.02872005
8	DEP_FS	=~	DEP_1	1.05151083	0.01130871	92.9823538	0	1.02934616	1.07367551
9	DEP_FS	=~	DEP_6	0.73520371	0.01421222	51.7304	0	0.70734827	0.76305914
10	DEP_FS	=~	DEP_7	0.98855505	0.01245699	79.3574447	0	0.9641398	1.01297031
11	LONELY_FS	=~	LONE_2	1.15693452	0.0129531	89.3171667	0	1.1315469	1.18232213
12	LONELY_FS	=~	LONE_3	1.12576479	0.01264167	89.0519052	0	1.10098758	1.15054201
13	LONELY_FS	=~	LONE_4	0.99194051	0.01540227	64.4022377	0	0.96175262	1.0221284
14	LONELY_FS	=~	LONE_5	1.09103183	0.01391476	78.4082456	0	1.06375941	1.11830426
15	SOCANX_FS	=~	SOCANX_1	1.24677934	0.01331266	93.6536796	0	1.22068701	1.27287167
16	SOCANX_FS	=~	SOCANX_2	1.17149007	0.0143996	81.3557349	0	1.14326737	1.19971276
17	SOCANX_FS	=~	SOCANX_3	1.00283942	0.01679207	59.7209963	0	0.96992756	1.03575128
18	LIFESAT_FS	=~	LIFESAT_1	1.01307995	0.01340414	75.5796263	0	0.98680832	1.03935159
19	LIFESAT_FS	=~	LIFESAT_2	1.26203501	0.0111873	112.809586	0	1.2401083	1.28396173
20	LIFESAT_FS	=~	LIFESAT_4	0.98936331	0.01314119	75.2872065	0	0.96360705	1.01511956
21	SELFEST_FS	=~	SELFEST_1	1.30622239	0.01072149	121.832193	0	1.28520866	1.32723612
22	SELFEST_FS	=~	SELFEST_3	1.3213673	0.01038699	127.213676	0	1.30100917	1.34172543
23	SELFEST_FS	=~	SELFEST_4	0.93070171	0.01272135	73.1606182	0	0.90576833	0.9556351
24	OPTIM_FS	=~	OPT_2	1.03344147	0.01909509	54.1207851	0	0.99601577	1.07086716
25	OPTIM_FS	=~	OPT_3	1.07554749	0.01760254	61.1018194	0	1.04104714	1.11004784
26	OPTIM_FS	=~	OPT_5	1.11750025	0.0153712	72.7009278	0	1.08737326	1.14762724
27	PERSEV_FS	=~	PERS_1	1.0143678	0.01549842	65.4497745	0	0.98399147	1.04474414
28	PERSEV_FS	=~	PERS_2	1.01098041	0.01564111	64.6361075	0	0.9803244	1.04163642
29	PERSEV_FS	=~	PERS_3	0.97748257	0.01660501	58.8667398	0	0.94493736	1.01002778
30	COPING_FS	=~	coping_n1	1.20177226	0.01237601	97.1049504	0	1.17751572	1.2260288
31	COPING_FS	=~	coping_n2	1.34985616	0.0103743	130.115423	0	1.32952291	1.37018941
32	COPING_FS	=~	coping_n3	1.23383629	0.01158569	106.496562	0	1.21112875	1.25654383
33	ACTENG_FS	=~	ACT2_1	1.83196122	0.01036912	176.674734	0	1.81163813	1.85228432
34	ACTENG_FS	=~	ACT2_2	1.76764206	0.0101183	174.697606	0	1.74781057	1.78747356

35	ACTENG_FS	=~	ACT2_3	1.86007403	0.00960768	193.602832	0	1.84124332	1.87890474
36	ACAENG_FS	=~	ACAENG_1	1.02855528	0.0129931	79.1616321	0	1.00308927	1.0540213
37	ACAENG_FS	=~	ACAENG_2	1.01756302	0.01395566	72.9139782	0	0.99021042	1.04491562
38	ACAENG_FS	=~	ACAENG_3	1.02125643	0.01342395	76.0771895	0	0.99494597	1.04756689
39	BELONG_FS	=~	BELONG_1	1.24438859	0.01204998	103.268972	0	1.22077107	1.26800611
40	BELONG_FS	=~	BELONG_2	1.13355303	0.01336317	84.8266822	0	1.1073617	1.15974435
41	BELONG_FS	=~	BELONG_3	1.23316239	0.01154436	106.81943	0	1.21053585	1.25578893
42	FRIENDS_FS	=~	FRIENDS_1	1.12125607	0.01527904	73.3852399	0	1.0913097	1.15120244
43	FRIENDS_FS	=~	FRIENDS_2	1.2240269	0.01400395	87.4058237	0	1.19657966	1.25147414
44	FRIENDS_FS	=~	FRIENDS_3	1.24111585	0.01347227	92.1237505	0	1.21471069	1.267521
45	MEANING_FS	=~	MEANING_1	1.05614589	0.01392807	75.8286103	0	1.02884738	1.08344439
46	MEANING_FS	=~	MEANING_2	1.2397846	0.01110583	111.6337	0	1.21801758	1.26155162
47	MEANING_FS	=~	MEANING_3	1.20207643	0.0109562	109.716504	0	1.18060266	1.22355019
48	PURPOSE_FS	=~	PURP_1	0.98421844	0.0137869	71.3879361	0	0.95719661	1.01124027
49	PURPOSE_FS	=~	PURP_2	1.06897663	0.0126569	84.4579816	0	1.04416955	1.09378371
50	PURPOSE_FS	=~	PURP_3	0.98433465	0.01339526	73.4838266	0	0.95808043	1.01058886
51	CIVICMORAL_FS	=~	CIVIC_1	0.64018606	0.01625932	39.3734867	0	0.60831838	0.67205374
52	CIVICMORAL_FS	=~	CIVIC_2	0.72317226	0.01387312	52.1276026	0	0.69598145	0.75036306
53	CIVICMORAL_FS	=~	CIVIC_3	0.79116958	0.01608884	49.1750393	0	0.75963602	0.82270314
54	CIVICMORAL_FS	=~	CIVIC_4	0.91466748	0.01450113	63.0756017	0	0.88624579	0.94308917
55	CIVICPOL_FS	=~	CIVIC_5	1.0220624	0.02043668	50.0111872	0	0.98200725	1.06211754
56	CIVICPOL_FS	=~	CIVIC_6	1.08092352	0.01804255	59.9096982	0	1.04556078	1.11628626
57	CIVICPOL_FS	=~	CIVIC_7	1.04561118	0.01759206	59.4365425	0	1.01113138	1.08009099
58	HAPPY_1	~~	HAPPY_1	0.21177148	0.01022177	20.7176897	0	0.19173717	0.23180578
59	HAPPY_2	~~	HAPPY_2	0.18404949	0.00696172	26.437366	0	0.17040478	0.19769421
60	HAPPY_3	~~	HAPPY_3	0.19987426	0.00923926	21.6331519	0	0.18176565	0.21798288
61	HAPPY_5	~~	HAPPY_5	0.46310298	0.01373867	33.7080002	0	0.43617569	0.49003028
62	ANX_1	~~	ANX_1	0.67072978	0.01567598	42.7870959	0	0.64000542	0.70145414
63	ANX_2	~~	ANX_2	0.5349218	0.01917762	27.8930253	0	0.49733436	0.57250924
64	ANX_5	~~	ANX_5	0.85406792	0.01808712	47.2196746	0	0.81861781	0.88951802
65	DEP_1	~~	DEP_1	0.70319605	0.01678683	41.8897481	0	0.67029447	0.73609763
66	DEP_6	~~	DEP_6	0.54163698	0.01359555	39.8392781	0	0.51499018	0.56828377
67	DEP_7	~~	DEP_7	0.58921703	0.0163005	36.1471706	0	0.55726864	0.62116543
68	LONE_2	~~	LONE_2	0.26376204	0.01690118	15.6061339	0	0.23063634	0.29688774
69	LONE_3	~~	LONE_3	0.44992779	0.01856811	24.2312139	0	0.41353497	0.48632061
70	LONE_4	~~	LONE_4	0.72803487	0.02455354	29.6509149	0	0.67991082	0.77615892
71	LONE_5	~~	LONE_5	0.30776997	0.01661445	18.5242338	0	0.27520625	0.3403337
72	SOCANX_1	~~	SOCANX_1	0.36359515	0.02212017	16.4372648	0	0.32024041	0.4069499

73	SOCANX_2	~~	SOCANX_2	0.44108992	0.02353974	18.7380996	0	0.39495289	0.48722696
74	SOCANX_3	~~	SOCANX_3	0.67414063	0.02494119	27.0292035	0	0.62525679	0.72302448
75	LIFESAT_1	~~	LIFESAT_1	0.82135234	0.01972357	41.6431951	0	0.78269486	0.86000982
76	LIFESAT_2	~~	LIFESAT_2	0.29548557	0.01368795	21.5872774	0	0.26865769	0.32231346
77	LIFESAT_4	~~	LIFESAT_4	0.52791841	0.01407503	37.5074404	0	0.50033185	0.55550496
78	SELFEST_1	~~	SELFEST_1	0.36856079	0.01219625	30.219194	0	0.34465658	0.392465
79	SELFEST_3	~~	SELFEST_3	0.33855774	0.01238114	27.3446418	0	0.31429116	0.36282432
80	SELFEST_4	~~	SELFEST_4	0.48340849	0.0106406	45.4305753	0	0.4625533	0.50426368
81	OPT_2	~~	OPT_2	0.94673493	0.03428499	27.613686	0	0.87953759	1.01393228
82	OPT_3	~~	OPT_3	0.82185908	0.02959782	27.7675509	0	0.76384841	0.87986975
83	OPT_5	~~	OPT_5	0.45724307	0.02094184	21.8339442	0	0.41619781	0.49828833
84	PERS_1	~~	PERS_1	0.50889296	0.02307438	22.0544563	0	0.463668	0.55411792
85	PERS_2	~~	PERS_2	0.27089889	0.02044757	13.2484632	0	0.23082238	0.31097539
86	PERS_3	~~	PERS_3	0.41408111	0.02245393	18.4413627	0	0.37007221	0.45809001
87	coping_n1	~~	coping_n1	0.74580569	0.01946599	38.3132609	0	0.70765304	0.78395834
88	coping_n2	~~	coping_n2	0.33793668	0.01635378	20.6641276	0	0.30588385	0.36998951
89	coping_n3	~~	coping_n3	0.61389915	0.01925437	31.883628	0	0.57616128	0.65163702
90	ACT2_1	~~	ACT2_1	0.27472859	0.01562674	17.580667	0	0.24410073	0.30535644
91	ACT2_2	~~	ACT2_2	0.43142086	0.01721453	25.0614303	0	0.397681	0.46516073
92	ACT2_3	~~	ACT2_3	0.15267664	0.01173409	13.011377	0	0.12967825	0.17567502
93	ACAENG_1	~~	ACAENG_1	0.27841412	0.01208117	23.0453034	0	0.25473547	0.30209277
94	ACAENG_2	~~	ACAENG_2	0.25243393	0.01249421	20.2040738	0	0.22794573	0.27692213
95	ACAENG_3	~~	ACAENG_3	0.7308411	0.01826389	40.0156221	0	0.69504452	0.76663768
96	BELONG_1	~~	BELONG_1	0.50869201	0.01803898	28.1996066	0	0.47333626	0.54404775
97	BELONG_2	~~	BELONG_2	0.27401844	0.01116318	24.5466273	0	0.25213901	0.29589787
98	BELONG_3	~~	BELONG_3	0.24669985	0.01064619	23.1725913	0	0.2258337	0.26756601
99	FRIENDS_1	~~	FRIENDS_1	0.24945778	0.01111849	22.4362936	0	0.22766593	0.27124962
100	FRIENDS_2	~~	FRIENDS_2	0.09699679	0.00694032	13.9758312	0	0.08339401	0.11059958
101	FRIENDS_3	~~	FRIENDS_3	0.18955107	0.01019862	18.5859526	0	0.16956215	0.20954
102	MEANING_1	~~	MEANING_1	0.60254189	0.02111433	28.5371064	0	0.56115857	0.64392522
103	MEANING_2	~~	MEANING_2	0.48898659	0.01594962	30.6582049	0	0.45772592	0.52024726
104	MEANING_3	~~	MEANING_3	0.23315754	0.00990394	23.5418992	0	0.21374618	0.2525689
105	PURP_1	~~	PURP_1	0.27486805	0.01113962	24.6748104	0	0.2530348	0.29670131
106	PURP_2	~~	PURP_2	0.1687227	0.01074916	15.696358	0	0.14765473	0.18979067
107	PURP_3	~~	PURP_3	0.25192968	0.01099486	22.913405	0	0.23038015	0.27347921
108	CIVIC_1	~~	CIVIC_1	0.6453445	0.0176232	36.619041	0	0.61080368	0.67988533
109	CIVIC_2	~~	CIVIC_2	0.51812715	0.01557586	33.2647524	0	0.48759903	0.54865528
110	CIVIC_3	~~	CIVIC_3	0.67693131	0.02241513	30.1997555	0	0.63299847	0.72086415

111	CIVIC_4	~~	CIVIC_4	0.38548336	0.01879474	20.5101703	0	0.34864634	0.42232038
112	CIVIC_5	~~	CIVIC_5	0.56858908	0.03595085	15.8157348	0	0.49812671	0.63905145
113	CIVIC_6	~~	CIVIC_6	0.5409014	0.03308881	16.3469588	0	0.47604853	0.60575428
114	CIVIC_7	~~	CIVIC_7	0.53533234	0.03112977	17.1967961	0	0.47431911	0.59634557
115	HAPPY_FS	~~	HAPPY_FS	1	0	NA	NA	1	1
116	ANX_FS	~~	ANX_FS	1	0	NA	NA	1	1
117	DEP_FS	~~	DEP_FS	1	0	NA	NA	1	1
118	LONELY_FS	~~	LONELY_FS	1	0	NA	NA	1	1
119	SOCANX_FS	~~	SOCANX_FS	1	0	NA	NA	1	1
120	LIFESAT_FS	~~	LIFESAT_FS	1	0	NA	NA	1	1
121	SELFEST_FS	~~	SELFEST_FS	1	0	NA	NA	1	1
122	OPTIM_FS	~~	OPTIM_FS	1	0	NA	NA	1	1
123	PERSEV_FS	~~	PERSEV_FS	1	0	NA	NA	1	1
124	COPING_FS	~~	COPING_FS	1	0	NA	NA	1	1
125	ACTENG_FS	~~	ACTENG_FS	1	0	NA	NA	1	1
126	ACAENG_FS	~~	ACAENG_FS	1	0	NA	NA	1	1
127	BELONG_FS	~~	BELONG_FS	1	0	NA	NA	1	1
128	FRIENDS_FS	~~	FRIENDS_FS	1	0	NA	NA	1	1
129	MEANING_FS	~~	MEANING_FS	1	0	NA	NA	1	1
130	PURPOSE_FS	~~	PURPOSE_FS	1	0	NA	NA	1	1
131	CIVICMORAL_FS	~~	CIVICMORAL_FS	1	0	NA	NA	1	1
132	CIVICPOL_FS	~~	CIVICPOL_FS	1	0	NA	NA	1	1
133	HAPPY_FS	~~	ANX_FS	-0.5635284	0.00932119	-60.4567	0	-0.5817976	-0.5452592
134	HAPPY_FS	~~	DEP_FS	-0.6327493	0.00915331	-69.127916	0	-0.6506895	-0.6148092
135	HAPPY_FS	~~	LONELY_FS	-0.482204	0.00934804	-51.583424	0	-0.5005258	-0.4638821
136	HAPPY_FS	~~	SOCANX_FS	-0.4271059	0.0100653	-42.433477	0	-0.4468335	-0.4073782
137	HAPPY_FS	~~	LIFESAT_FS	0.63898566	0.00844357	75.6772092	0	0.62243657	0.65553475
138	HAPPY_FS	~~	SELFEST_FS	0.59701445	0.0085272	70.0129819	0	0.58030146	0.61372745
139	HAPPY_FS	~~	OPTIM_FS	0.61253946	0.00996235	61.4854226	0	0.5930136	0.63206531
140	HAPPY_FS	~~	PERSEV_FS	0.35379022	0.01128013	31.3640154	0	0.33168156	0.37589887
141	HAPPY_FS	~~	COPING_FS	0.40701517	0.01078154	37.7511253	0	0.38588374	0.42814659
142	HAPPY_FS	~~	ACTENG_FS	0.25992835	0.01112162	23.371452	0	0.23813038	0.28172632
143	HAPPY_FS	~~	ACAENG_FS	0.33688889	0.01157095	29.1150704	0	0.31421025	0.35956752
144	HAPPY_FS	~~	BELONG_FS	0.47606459	0.00980009	48.577597	0	0.45685678	0.4952724
145	HAPPY_FS	~~	FRIENDS_FS	0.34336688	0.01109441	30.9495274	0	0.32162223	0.36511153
146	HAPPY_FS	~~	MEANING_FS	0.60803329	0.00855294	71.0905249	0	0.59126983	0.62479676
147	HAPPY_FS	~~	PURPOSE_FS	0.31031874	0.01143996	27.1258498	0	0.28789682	0.33274066
148	HAPPY_FS	~~	CIVICMORAL_FS	0.10140434	0.01388525	7.30302642	2.81E-13	0.07418975	0.12861892

149	HAPPY_FS	~~	CIVICPOL_FS	0.04133911	0.01284552	3.21817358	0.0012 901	0.01616236	0.06651587
150	ANX_FS	~~	DEP_FS	0.75207749	0.00863053	87.1415265	0	0.73516196	0.76899301
151	ANX_FS	~~	LONELY_FS	0.55211012	0.00982035	56.2210255	0	0.53286259	0.57135766
152	ANX_FS	~~	SOCANX_FS	0.63565283	0.00975959	65.131111	0	0.61652439	0.65478127
153	ANX_FS	~~	LIFESAT_FS	-0.5098391	0.01039201	-49.060682	0	-0.530207	-0.4894711
154	ANX_FS	~~	SELFEST_FS	-0.5576593	0.00986883	-56.507119	0	-0.5770019	-0.5383168
155	ANX_FS	~~	OPTIM_FS	-0.5474865	0.01183316	-46.26713	0	-0.5706791	-0.5242939
156	ANX_FS	~~	PERSEV_FS	-0.2811004	0.01241449	-22.642928	0	-0.3054323	-0.2567684
157	ANX_FS	~~	COPING_FS	-0.5746444	0.00948665	-60.574009	0	-0.5932379	-0.5560509
158	ANX_FS	~~	ACTENG_FS	-0.1692734	0.01198052	-14.129062	0	-0.1927548	-0.1457921
159	ANX_FS	~~	ACAENG_FS	-0.2351057	0.01272181	-18.480519	0	-0.2600399	-0.2101714
160	ANX_FS	~~	BELONG_FS	-0.3730527	0.01122867	-33.223236	0	-0.3950605	-0.3510449
161	ANX_FS	~~	FRIENDS_FS	-0.22516	0.0120195	-18.732893	0	-0.2487177	-0.2016022
162	ANX_FS	~~	MEANING_FS	-0.471254	0.01088127	-43.308742	0	-0.4925809	-0.4499272
163	ANX_FS	~~	PURPOSE_FS	-0.195136	0.01253714	-15.564626	0	-0.2197083	-0.1705636
164	ANX_FS	~~	CIVICMORAL_FS	0.06562434	0.01386591	4.73278158	2.21E- 06	0.03844765	0.09280104
165	ANX_FS	~~	CIVICPOL_FS	0.05376416	0.01337727	4.01906871	5.84E- 05	0.0275452	0.07998313
166	DEP_FS	~~	LONELY_FS	0.76007854	0.00877216	86.6466595	0	0.74288542	0.77727167
167	DEP_FS	~~	SOCANX_FS	0.71825443	0.0096159	74.6944521	0	0.69940761	0.73710125
168	DEP_FS	~~	LIFESAT_FS	-0.6917114	0.00926293	-74.675229	0	-0.7098664	-0.6735564
169	DEP_FS	~~	SELFEST_FS	-0.7566495	0.00780463	-96.948863	0	-0.7719463	-0.7413528
170	DEP_FS	~~	OPTIM_FS	-0.6671148	0.01082167	-61.646212	0	-0.6883249	-0.6459047
171	DEP_FS	~~	PERSEV_FS	-0.406052	0.012914	-31.442778	0	-0.431363	-0.380741
172	DEP_FS	~~	COPING_FS	-0.5176072	0.01034065	-50.055587	0	-0.5378745	-0.4973399
173	DEP_FS	~~	ACTENG_FS	-0.1921107	0.01217847	-15.774618	0	-0.21598	-0.1682413
174	DEP_FS	~~	ACAENG_FS	-0.289488	0.01342294	-21.566655	0	-0.3157965	-0.2631795
175	DEP_FS	~~	BELONG_FS	-0.4769633	0.01148296	-41.536605	0	-0.4994695	-0.4544571
176	DEP_FS	~~	FRIENDS_FS	-0.3134663	0.01298927	-24.132701	0	-0.3389248	-0.2880078
177	DEP_FS	~~	MEANING_FS	-0.6640517	0.00955102	-69.526791	0	-0.6827714	-0.6453321
178	DEP_FS	~~	PURPOSE_FS	-0.3295181	0.01323114	-24.904732	0	-0.3554506	-0.3035855
179	DEP_FS	~~	CIVICMORAL_FS	0.00495763	0.01472578	0.33666371	0.7363 7042 0.0379	-0.0239044	0.03381962
180	DEP_FS	~~	CIVICPOL_FS	0.02821962	0.01360031	2.07492535	9345	0.00156351	0.05487574
181	LONELY_FS	~~	SOCANX_FS	0.70261307	0.0092713	75.7836377	0	0.68444165	0.72078449
182	LONELY_FS	~~	LIFESAT_FS	-0.5220721	0.01074578	-48.583929	0	-0.5431334	-0.5010107
183	LONELY_FS	~~	SELFEST_FS	-0.5622595	0.01008129	-55.772588	0	-0.5820185	-0.5425006
184	LONELY_FS	~~	OPTIM_FS	-0.4744528	0.01246537	-38.061676	0	-0.4988844	-0.4500211
185	LONELY_FS	~~	PERSEV_FS	-0.266998	0.01304731	-20.463835	0	-0.2925703	-0.2414258

186	LONELY_FS	~~	COPING_FS	-0.4109564	0.01082706	-37.956413	0	-0.432177	-0.3897357
187	LONELY_FS	~~	ACTENG_FS	-0.1754104	0.01166181	-15.041438	0	-0.1982671	-0.1525537
188	LONELY_FS	~~	ACAENG_FS	-0.209674	0.01303004	-16.091585	0	-0.2352125	-0.1841356
189	LONELY_FS	~~	BELONG_FS	-0.5074672	0.01076807	-47.127049	0	-0.5285723	-0.4863622
190	LONELY_FS	~~	FRIENDS_FS	-0.4195138	0.01200854	-34.934632	0	-0.4430501	-0.3959775
191	LONELY_FS	~~	MEANING_FS	-0.4911437	0.0111966	-43.865419	0	-0.5130886	-0.4691988
192	LONELY_FS	~~	PURPOSE_FS	-0.2340439	0.01305424	-17.928574	0	-0.2596298	-0.2084581
193	LONELY_FS	~~	CIVICMORAL_FS	-0.007066	0.01435158	-0.492352	0.6224 705 0.0850	-0.0351946	0.02106255
194	LONELY_FS	~~	CIVICPOL_FS	0.02308721	0.01340435	1.72236687	0308	-0.0031848	0.04935926
195	SOCANX_FS	~~	LIFESAT_FS	-0.472978	0.01106008	-42.764419	0	-0.4946554	-0.4513007
196	SOCANX_FS	~~	SELFEST_FS	-0.5901843	0.00974123	-60.586225	0	-0.6092768	-0.5710919
197	SOCANX_FS	~~	OPTIM_FS	-0.4914691	0.01228958	-39.990704	0	-0.5155562	-0.4673819
198	SOCANX_FS	~~	PERSEV_FS	-0.3088307	0.01284819	-24.036904	0	-0.3340127	-0.2836487
199	SOCANX_FS	~~	COPING_FS	-0.4687686	0.01056883	-44.353885	0	-0.4894831	-0.4480541
200	SOCANX_FS	~~	ACTENG_FS	-0.1551607	0.01201893	-12.909695	0	-0.1787173	-0.131604
201	SOCANX_FS	~~	ACAENG_FS	-0.1675104	0.01320329	-12.687022	0	-0.1933884	-0.1416324
202	SOCANX_FS	~~	BELONG_FS	-0.392378	0.01182477	-33.182722	0	-0.4155541	-0.3692018
203	SOCANX_FS	~~	FRIENDS_FS	-0.292235	0.01283421	-22.770002	0	-0.3173896	-0.2670804
204	SOCANX_FS	~~	MEANING_FS	-0.479399	0.01105121	-43.379773	0	-0.5010589	-0.457739
205	SOCANX_FS	~~	PURPOSE_FS	-0.2460421	0.01287099	-19.116015	0	-0.2712688	-0.2208154
206	SOCANX_FS	~~	CIVICMORAL_FS	0.00504798	0.01409923	0.35803266	0.7203 1887 0.0332	-0.022586	0.03268196
207	SOCANX_FS	~~	CIVICPOL_FS	0.02849242	0.01337951	2.12955629	0826	0.00226906	0.05471577
208	LIFESAT_FS	~~	SELFEST_FS	0.74660589	0.00764413	97.6704509	0	0.73162366	0.76158811
209	LIFESAT_FS	~~	OPTIM_FS	0.71695435	0.01119111	64.0646584	0	0.69502019	0.73888851
210	LIFESAT_FS	~~	PERSEV_FS	0.45899669	0.01228325	37.3676993	0	0.43492196	0.48307141
211	LIFESAT_FS	~~	COPING_FS	0.38426142	0.01157408	33.2001677	0	0.36157664	0.4069462
212	LIFESAT_FS	~~	ACTENG_FS	0.30175707	0.01144192	26.3729407	0	0.27933132	0.32418282
213	LIFESAT_FS	~~	ACAENG_FS	0.41736689	0.01271556	32.8233135	0	0.39244485	0.44228893
214	LIFESAT_FS	~~	BELONG_FS	0.57001378	0.01017086	56.0437962	0	0.55007925	0.5899483
215	LIFESAT_FS	~~	FRIENDS_FS	0.42921891	0.01144668	37.4972453	0	0.40678383	0.45165398
216	LIFESAT_FS	~~	MEANING_FS	0.74253221	0.00825282	89.9731443	0	0.72635698	0.75870744
217	LIFESAT_FS	~~	PURPOSE_FS	0.45803785	0.01258861	36.3851002	0	0.43336463	0.48271108
218	LIFESAT_FS	~~	CIVICMORAL_FS	0.13775801	0.01523344	9.04312944	0	0.107901	0.16761501
219	LIFESAT_FS	~~	CIVICPOL_FS	0.05747095	0.01353086	4.24739789	2.16E- 05	0.03095095	0.08399095
220	SELFEST_FS	~~	OPTIM_FS	0.76013253	0.0088648	85.7473221	0	0.74275785	0.77750721
221	SELFEST_FS	~~	PERSEV_FS	0.48024846	0.01133297	42.3762087	0	0.45803624	0.50246068
222	SELFEST_FS	~~	COPING_FS	0.44738058	0.0111041	40.2896576	0	0.42561694	0.46914423



223	SELFEST_FS	~~	ACTENG_FS	0.20372251	0.01161665	17.5371181	0	0.1809543	0.22649072
224	SELFEST_FS	~~	ACAENG_FS	0.3022514	0.01284727	23.5265094	0	0.27707121	0.32743158
225	SELFEST_FS	~~	BELONG_FS	0.4957262	0.01062772	46.6446432	0	0.47489625	0.51655615
226	SELFEST_FS	~~	FRIENDS_FS	0.36827199	0.01191654	30.9042599	0	0.34491599	0.39162799
227	SELFEST_FS	~~	MEANING_FS	0.76378606	0.00768851	99.3412548	0	0.74871686	0.77885526
228	SELFEST_FS	~~	PURPOSE_FS	0.40714487	0.01157454	35.1758982	0	0.38445918	0.42983055
229	SELFEST_FS	~~	CIVICMORAL_FS	0.12112062	0.01464669	8.26949037	2.22E-16	0.09241365	0.1498276
230	SELFEST_FS	~~	CIVICPOL_FS	0.06465053	0.01323148	4.88611393	1.03E-06	0.0387173	0.09058375
231	OPTIM_FS	~~	PERSEV_FS	0.56361632	0.01258173	44.7963929	0	0.53895657	0.58827606
232	OPTIM_FS	~~	COPING_FS	0.45835759	0.01261133	36.3449136	0	0.43363984	0.48307534
233	OPTIM_FS	~~	ACTENG_FS	0.21591141	0.01314331	16.4274822	0	0.19015101	0.24167182
234	OPTIM_FS	~~	ACAENG_FS	0.36407009	0.01401572	25.9758437	0	0.33659979	0.3915404
235	OPTIM_FS	~~	BELONG_FS	0.51036394	0.01212278	42.0995875	0	0.48660373	0.53412414
236	OPTIM_FS	~~	FRIENDS_FS	0.34333736	0.01338817	25.644829	0	0.31709703	0.36957769
237	OPTIM_FS	~~	MEANING_FS	0.77328985	0.00921481	83.9181728	0	0.75522916	0.79135055
238	OPTIM_FS	~~	PURPOSE_FS	0.49859611	0.01415448	35.2253168	0	0.47085384	0.52633839
239	OPTIM_FS	~~	CIVICMORAL_FS	0.19461477	0.01581179	12.3082098	0	0.16362424	0.2256053
240	OPTIM_FS	~~	CIVICPOL_FS	0.11254033	0.01490371	7.55116112	4.31E-14	0.08332959	0.14175107
241	PERSEV_FS	~~	COPING_FS	0.29355172	0.01290039	22.7552577	0	0.26826742	0.31883602
242	PERSEV_FS	~~	ACTENG_FS	0.15819486	0.01237043	12.7881424	0	0.13394926	0.18244047
243	PERSEV_FS	~~	ACAENG_FS	0.33116865	0.01337249	24.7649265	0	0.30495906	0.35737824
244	PERSEV_FS	~~	BELONG_FS	0.32655542	0.0132297	24.6835056	0	0.30062568	0.35248516
245	PERSEV_FS	~~	FRIENDS_FS	0.21819801	0.01353441	16.1217233	0	0.19167106	0.24472497
246	PERSEV_FS	~~	MEANING_FS	0.56236553	0.01076785	52.2263307	0	0.54126092	0.58347014
247	PERSEV_FS	~~	PURPOSE_FS	0.51476172	0.01199344	42.9202659	0	0.49125501	0.53826844
248	PERSEV_FS	~~	CIVICMORAL_FS	0.20282544	0.01548909	13.0947269	0	0.17246737	0.2331835
249	PERSEV_FS	~~	CIVICPOL_FS	0.11465991	0.01381805	8.29783489	0	0.08757703	0.14174279
250	COPING_FS	~~	ACTENG_FS	0.10013546	0.0122618	8.16645786	2.22E-16	0.07610278	0.12416815
251	COPING_FS	~~	ACAENG_FS	0.15538461	0.01290131	12.0440953	0	0.1300985	0.18067071
252	COPING_FS	~~	BELONG_FS	0.24810826	0.01242932	19.9615271	0	0.22374724	0.27246929
253	COPING_FS	~~	FRIENDS_FS	0.15809364	0.01279953	12.3515219	0	0.13300703	0.18318025
254	COPING_FS	~~	MEANING_FS	0.37699693	0.01189197	31.701811	0	0.3536891	0.40030476
255	COPING_FS	~~	PURPOSE_FS	0.18454199	0.01273873	14.4866878	0	0.15957454	0.20950944
256	COPING_FS	~~	CIVICMORAL_FS	-0.055381	0.01425844	-3.8840814	0.00010272	-0.083327	-0.0274349
257	COPING_FS	~~	CIVICPOL_FS	-0.0406529	0.01341057	-3.0314053	0.00243418	-0.0669371	-0.0143686
258	ACTENG_FS	~~	ACAENG_FS	0.228466	0.01230817	18.5621474	0	0.20434244	0.25258957
259	ACTENG_FS	~~	BELONG_FS	0.37481193	0.01088684	34.4279882	0	0.35347412	0.39614974

260	ACTENG_FS	~~	FRIENDS_FS	0.40921075	0.01016907	40.2407403	0	0.38927975	0.42914175
261	ACTENG_FS	~~	MEANING_FS	0.26799578	0.01159206	23.1189089	0	0.24527576	0.2907158
262	ACTENG_FS	~~	PURPOSE_FS	0.17090862	0.01182697	14.4507495	0	0.14772818	0.19408906
263	ACTENG_FS	~~	CIVICMORAL_FS	0.0924056	0.01330289	6.94627811	3.75E-12	0.0663324	0.11847879
264	ACTENG_FS	~~	CIVICPOL_FS	0.0763312	0.01273424	5.99417056	2.05E-09	0.05137255	0.10128985
265	ACAENG_FS	~~	BELONG_FS	0.43734264	0.01223269	35.7519608	0	0.41336701	0.46131827
266	ACAENG_FS	~~	FRIENDS_FS	0.27375217	0.01346463	20.3312045	0	0.24736197	0.30014236
267	ACAENG_FS	~~	MEANING_FS	0.38805282	0.01280321	30.3090162	0	0.36295898	0.41314666
268	ACAENG_FS	~~	PURPOSE_FS	0.32644763	0.01309142	24.9359895	0	0.30078891	0.35210636
269	ACAENG_FS	~~	CIVICMORAL_FS	0.20993107	0.0147281	14.2537766	0	0.18106452	0.23879762
270	ACAENG_FS	~~	CIVICPOL_FS	0.1354847	0.01430949	9.4681719	0	0.10743861	0.16353078
271	BELONG_FS	~~	FRIENDS_FS	0.5533184	0.01057401	52.3281708	0	0.53259372	0.57404307
272	BELONG_FS	~~	MEANING_FS	0.53320959	0.01077027	49.5075442	0	0.51210025	0.55431893
273	BELONG_FS	~~	PURPOSE_FS	0.30438479	0.0129478	23.5086147	0	0.27900758	0.32976201
274	BELONG_FS	~~	CIVICMORAL_FS	0.16286191	0.01464832	11.1181257	0	0.13415172	0.19157209
275	BELONG_FS	~~	CIVICPOL_FS	0.08273772	0.01373105	6.02559466	1.68E-09	0.05582536	0.10965007
276	FRIENDS_FS	~~	MEANING_FS	0.38377155	0.01206657	31.8045194	0	0.3601215	0.4074216
277	FRIENDS_FS	~~	PURPOSE_FS	0.25314399	0.01404721	18.0209409	0	0.22561196	0.28067602
278	FRIENDS_FS	~~	CIVICMORAL_FS	0.16187496	0.01455671	11.1202986	0	0.13334433	0.19040559
279	FRIENDS_FS	~~	CIVICPOL_FS	0.08160356	0.01311709	6.22116149	4.93E-10	0.05589453	0.10731259
280	MEANING_FS	~~	PURPOSE_FS	0.51687915	0.01107487	46.6713369	0	0.49517279	0.5385855
281	MEANING_FS	~~	CIVICMORAL_FS	0.25065228	0.01453686	17.2425278	0	0.22216055	0.27914401
282	MEANING_FS	~~	CIVICPOL_FS	0.13871713	0.01332233	10.4123756	0	0.11260584	0.16482842
283	PURPOSE_FS	~~	CIVICMORAL_FS	0.27806026	0.01508606	18.4316009	0	0.24849212	0.3076284
284	PURPOSE_FS	~~	CIVICPOL_FS	0.17289162	0.01292385	13.3777151	0	0.14756134	0.19822191
285	CIVICMORAL_FS	~~	CIVICPOL_FS	0.66652522	0.01320954	50.4578629	0	0.640635	0.69241545
286	HAPPY_1	~1		3.3824486	0.01303539	259.481991	0	3.35689971	3.40799749
287	HAPPY_2	~1		3.45157697	0.01206229	286.146147	0	3.42793532	3.47521862
288	HAPPY_3	~1		3.44085124	0.01274744	269.924926	0	3.41586673	3.46583576
289	HAPPY_5	~1		3.06343551	0.01414031	216.645513	0	3.035721	3.09115001
290	ANX_1	~1		3.21671732	0.01301614	247.132994	0	3.19120615	3.24222848
291	ANX_2	~1		2.7074054	0.01407885	192.302974	0	2.67981136	2.73499945
292	ANX_5	~1		2.50184411	0.01379524	181.355544	0	2.47480593	2.5288823
293	DEP_1	~1		2.20758508	0.01360225	162.295632	0	2.18092516	2.23424499
294	DEP_6	~1		1.58948628	0.01064485	149.319793	0	1.56862277	1.6103498
295	DEP_7	~1		2.00296159	0.01285023	155.869766	0	1.97777561	2.02814756
296	LONE_2	~1		2.08662381	0.01380984	151.096874	0	2.05955702	2.1136906

297	LONE_3	~1	2.14859219	0.01467727	146.389094	0	2.11982527	2.17735911
298	LONE_4	~1	1.99881218	0.01506233	132.702719	0	1.96929056	2.02833381
299	LONE_5	~1	1.9262235	0.01349222	142.765548	0	1.89977925	1.95266776
300	SOCANX_1	~1	2.13751593	0.01533875	139.353967	0	2.10745252	2.16757933
301	SOCANX_2	~1	2.14976416	0.01491167	144.166573	0	2.12053783	2.1789905
302	SOCANX_3	~1	1.95274726	0.01463329	133.445504	0	1.92406653	1.98142799
303	LIFESAT_1	~1	4.08306955	0.01452699	281.067756	0	4.05459716	4.11154193
304	LIFESAT_2	~1	4.178006	0.01448466	288.443466	0	4.14961658	4.20639541
305	LIFESAT_4	~1	4.44045753	0.01304101	340.499529	0	4.41489762	4.46601744
306	SELFEST_1	~1	4.20069088	0.01504191	279.265744	0	4.17120928	4.23017249
307	SELFEST_3	~1	4.14129586	0.01510289	274.205572	0	4.11169474	4.17089697
308	SELFEST_4	~1	4.74869762	0.01216788	390.264841	0	4.724849	4.77254623
309	OPT_2	~1	3.55674109	0.01747106	203.57896	0	3.52249843	3.59098375
310	OPT_3	~1	4.09100607	0.0170705	239.653552	0	4.0575485	4.12446363
311	OPT_5	~1	4.33450618	0.01547591	280.080918	0	4.30417396	4.3648384
312	PERS_1	~1	4.37977776	0.01469538	298.037689	0	4.35097534	4.40858018
313	PERS_2	~1	4.63175028	0.01343509	344.750293	0	4.605418	4.65808257
314	PERS_3	~1	4.51211656	0.01380688	326.80203	0	4.48505557	4.53917755
315	coping_n1	~1	2.19989792	0.0160646	136.940695	0	2.16841187	2.23138396
316	coping_n2	~1	2.47361254	0.01579517	156.605644	0	2.44265458	2.5045705
317	coping_n3	~1	2.60171629	0.015615	166.616436	0	2.57111144	2.63232113
318	ACT2_1	~1	4.08530657	0.02071183	197.245092	0	4.04471214	4.12590101
319	ACT2_2	~1	3.9103764	0.02043647	191.343003	0	3.87032165	3.95043115
320	ACT2_3	~1	4.05188756	0.02063197	196.388795	0	4.01144964	4.09232547
321	ACAENG_1	~1	4.55425512	0.01279113	356.04779	0	4.52918496	4.57932528
322	ACAENG_2	~1	4.68137649	0.01260881	371.27812	0	4.65666367	4.70608931
323	ACAENG_3	~1	4.11428707	0.01457513	282.281364	0	4.08572034	4.14285379
324	BELONG_1	~1	4.13781946	0.01549738	267.001311	0	4.10744516	4.16819375
325	BELONG_2	~1	4.50201794	0.01360362	330.942574	0	4.47535533	4.52868056
326	BELONG_3	~1	4.27059718	0.0143145	298.340624	0	4.24254127	4.29865308
327	FRIENDS_1	~1	5.00172782	0.01318548	379.336004	0	4.97588475	5.02757089
328	FRIENDS_2	~1	4.94130203	0.01365245	361.935072	0	4.91454371	4.96806035
329	FRIENDS_3	~1	4.83291869	0.01417234	341.010565	0	4.8051414	4.86069597
330	MEANING_1	~1	4.63370833	0.01403231	330.21703	0	4.6062055	4.66121116
331	MEANING_2	~1	3.98466057	0.01524206	261.425353	0	3.95478668	4.01453446
332	MEANING_3	~1	4.29234396	0.01381191	310.771126	0	4.26527311	4.31941482
333	PURP_1	~1	5.02222292	0.0121821	412.262325	0	4.99834643	5.0460994
334	PURP_2	~1	4.92889848	0.01249041	394.614745	0	4.90441774	4.95337923

335	PURP_3	~1	4.9498488	0.0121875	406.141405	0	4.92596173	4.97373586
336	CIVIC_1	~1	3.82693964	0.01321509	289.588665	0	3.80103854	3.85284074
337	CIVIC_2	~1	4.11521813	0.01134585	362.706838	0	4.09298067	4.13745559
338	CIVIC_3	~1	3.80982086	0.01415126	269.221288	0	3.7820849	3.83755682
339	CIVIC_4	~1	3.86919594	0.01365761	283.299634	0	3.84242752	3.89596436
340	CIVIC_5	~1	3.19633191	0.01534018	208.363435	0	3.16626572	3.22639811
341	CIVIC_6	~1	2.71413905	0.01584208	171.324718	0	2.68308915	2.74518895
342	CIVIC_7	~1	3.13200763	0.01552198	201.778911	0	3.10158511	3.16243014
343	HAPPY_FS	~1	0	0	NA	NA	0	0
344	ANX_FS	~1	0	0	NA	NA	0	0
345	DEP_FS	~1	0	0	NA	NA	0	0
346	LONELY_FS	~1	0	0	NA	NA	0	0
347	SOCANX_FS	~1	0	0	NA	NA	0	0
348	LIFESAT_FS	~1	0	0	NA	NA	0	0
349	SELFEST_FS	~1	0	0	NA	NA	0	0
350	OPTIM_FS	~1	0	0	NA	NA	0	0
351	PERSEV_FS	~1	0	0	NA	NA	0	0
352	COPING_FS	~1	0	0	NA	NA	0	0
353	ACTENG_FS	~1	0	0	NA	NA	0	0
354	ACAENG_FS	~1	0	0	NA	NA	0	0
355	BELONG_FS	~1	0	0	NA	NA	0	0
356	FRIENDS_FS	~1	0	0	NA	NA	0	0
357	MEANING_FS	~1	0	0	NA	NA	0	0
358	PURPOSE_FS	~1	0	0	NA	NA	0	0
359	CIVICMORAL_FS	~1	0	0	NA	NA	0	0
360	CIVICPOL_FS	~1	0	0	NA	NA	0	0