

Mplus VERSION 8
MUTHEN & MUTHEN
02/25/2020 9:53 AM

INPUT INSTRUCTIONS

```
title: EFA FINAL
data: file is EFA Sample Coded.csv;
variable:
names are
Q12 Q13 Q14 Q15 Q16 Q17 Q18 Q19
QID2_1 QID2_2 QID2_3 QID2_4 QID2_5 QID2_6
QID2_7 QID2_8 QID2_9 QID2_10 QID4_1 QID4_2 QID4_3
QID4_4 QID4_5 QID4_6 QID4_7 QID4_8 QID4_9 QID4_10
QID5_1 QID5_2 QID5_3 QID5_4 QID5_5 QID5_6 QID5_7
QID5_8 QID5_9 QID6_1 QID6_2 QID6_3 QID6_4 QID6_5
QID6_6 QID6_7 QID6_8 QID6_9 QID6_10
QID6_11 QID6_12 QID6_13 QID7_1 QID7_2 QID7_3 QID7_4 QID7_5
QID7_6 QID7_7 QID7_8 QID7_9 QID7_10 QID11_1
QID11_2 QID11_3 QID11_4 QID11_5 QID11_6 QID11_7
QID11_8 QID11_9 QID11_10 QID12_1 QID12_2 QID12_3 QID13_1
QID12_4 QID12_5 QID12_6 QID12_7 QID12_8 QID12_9
QID13_2 QID13_3 QID13_4 QID13_5 QID13_6 QID13_7
QID13_8 QID13_9 QID13_10 QID13_11 QID13_12
QID13_13 Q23;
usevariables are QID7_1 QID7_3 QID7_4 QID7_5
QID7_6 QID7_7 QID7_8 QID7_9 QID7_10 QID11_1
QID11_2 QID11_3 QID11_4 QID11_5 QID11_6 QID11_7
QID11_8 QID11_9 QID11_10 QID12_1 QID12_2 QID12_3 QID13_1
QID12_4 QID12_6 QID12_7 QID12_8 QID12_9
QID13_2 QID13_3 QID13_4 QID13_5 QID13_6 QID13_7
QID13_8 QID13_10 QID13_11
QID13_13;
Missing are all (-99);
Analysis: type=efa 1 6;
Estimator= MLR;
```

```
*** WARNING
Data set contains cases with missing on all variables.
These cases were not included in the analysis.
Number of cases with missing on all variables: 69
1 WARNING(S) FOUND IN THE INPUT INSTRUCTIONS
```

EFA FINAL

SUMMARY OF ANALYSIS

```
Number of groups 1
Number of observations 192

Number of dependent variables 38
Number of independent variables 0
Number of continuous latent variables 0
```

Observed dependent variables

```
Continuous
QID7_1 QID7_3 QID7_4 QID7_5 QID7_6 QID7_7
QID7_8 QID7_9 QID7_10 QID11_1 QID11_2 QID11_3
QID11_4 QID11_5 QID11_6 QID11_7 QID11_8 QID11_9
```

QID11_10	QID12_1	QID12_2	QID12_3	QID13_1	QID12_4
QID12_6	QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
QID13_4	QID13_5	QID13_6	QID13_7	QID13_8	QID13_10
QID13_11	QID13_13				

Estimator	MLR
Rotation	GEOMIN
Row standardization	CORRELATION
Type of rotation	OBLIQUE
Epsilon value	Varies
Information matrix	OBSERVED
Maximum number of iterations	1000
Convergence criterion	0.500D-04
Maximum number of steepest descent iterations	20
Maximum number of iterations for H1	2000
Convergence criterion for H1	0.100D-03
Optimization Specifications for the Exploratory Factor Analysis	
Rotation Algorithm	
Number of random starts	30
Maximum number of iterations	10000
Derivative convergence criterion	0.100D-04

Input data file(s)
EFA Sample Coded.csv

Input data format FREE

SUMMARY OF DATA

Number of missing data patterns 10

COVARIANCE COVERAGE OF DATA

Minimum covariance coverage value 0.100

PROPORTION OF DATA PRESENT

	Covariance Coverage				
	QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
QID7_1	1.000				
QID7_3	1.000	1.000			
QID7_4	1.000	1.000	1.000		
QID7_5	1.000	1.000	1.000	1.000	
QID7_6	0.995	0.995	0.995	0.995	0.995
QID7_7	0.995	0.995	0.995	0.995	0.990
QID7_8	0.995	0.995	0.995	0.995	0.990
QID7_9	0.995	0.995	0.995	0.995	0.990
QID7_10	0.995	0.995	0.995	0.995	0.990
QID11_1	1.000	1.000	1.000	1.000	0.995
QID11_2	0.995	0.995	0.995	0.995	0.990
QID11_3	1.000	1.000	1.000	1.000	0.995
QID11_4	1.000	1.000	1.000	1.000	0.995
QID11_5	0.995	0.995	0.995	0.995	0.990
QID11_6	1.000	1.000	1.000	1.000	0.995
QID11_7	1.000	1.000	1.000	1.000	0.995
QID11_8	1.000	1.000	1.000	1.000	0.995
QID11_9	0.995	0.995	0.995	0.995	0.990
QID11_10	0.995	0.995	0.995	0.995	0.990

QID12_1	0.990	0.990	0.990	0.990	0.984
QID12_2	0.990	0.990	0.990	0.990	0.984
QID12_3	0.984	0.984	0.984	0.984	0.979
QID13_1	0.990	0.990	0.990	0.990	0.984
QID12_4	0.990	0.990	0.990	0.990	0.984
QID12_6	0.990	0.990	0.990	0.990	0.984
QID12_7	0.990	0.990	0.990	0.990	0.984
QID12_8	0.990	0.990	0.990	0.990	0.984
QID12_9	0.990	0.990	0.990	0.990	0.984
QID13_2	0.990	0.990	0.990	0.990	0.984
QID13_3	0.990	0.990	0.990	0.990	0.984
QID13_4	0.984	0.984	0.984	0.984	0.979
QID13_5	0.984	0.984	0.984	0.984	0.979
QID13_6	0.974	0.974	0.974	0.974	0.969
QID13_7	0.984	0.984	0.984	0.984	0.979
QID13_8	0.984	0.984	0.984	0.984	0.979
QID13_10	0.979	0.979	0.979	0.979	0.974
QID13_11	0.984	0.984	0.984	0.984	0.979
QID13_13	0.979	0.979	0.979	0.979	0.974

	Covariance Coverage				
	QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
QID7_7	0.995				
QID7_8	0.995	0.995			
QID7_9	0.995	0.995	0.995		
QID7_10	0.995	0.995	0.995	0.995	
QID11_1	0.995	0.995	0.995	0.995	1.000
QID11_2	0.990	0.990	0.990	0.990	0.995
QID11_3	0.995	0.995	0.995	0.995	1.000
QID11_4	0.995	0.995	0.995	0.995	1.000
QID11_5	0.990	0.990	0.990	0.990	0.995
QID11_6	0.995	0.995	0.995	0.995	1.000
QID11_7	0.995	0.995	0.995	0.995	1.000
QID11_8	0.995	0.995	0.995	0.995	1.000
QID11_9	0.990	0.990	0.990	0.990	0.995
QID11_10	0.990	0.990	0.990	0.990	0.995
QID12_1	0.984	0.984	0.984	0.984	0.990
QID12_2	0.984	0.984	0.984	0.984	0.990
QID12_3	0.979	0.979	0.979	0.979	0.984
QID13_1	0.984	0.984	0.984	0.984	0.990
QID12_4	0.984	0.984	0.984	0.984	0.990
QID12_6	0.984	0.984	0.984	0.984	0.990
QID12_7	0.984	0.984	0.984	0.984	0.990
QID12_8	0.984	0.984	0.984	0.984	0.990
QID12_9	0.984	0.984	0.984	0.984	0.990
QID13_2	0.984	0.984	0.984	0.984	0.990
QID13_3	0.984	0.984	0.984	0.984	0.990
QID13_4	0.979	0.979	0.979	0.979	0.984
QID13_5	0.979	0.979	0.979	0.979	0.984
QID13_6	0.969	0.969	0.969	0.969	0.974
QID13_7	0.979	0.979	0.979	0.979	0.984
QID13_8	0.979	0.979	0.979	0.979	0.984
QID13_10	0.974	0.974	0.974	0.974	0.979
QID13_11	0.979	0.979	0.979	0.979	0.984
QID13_13	0.974	0.974	0.974	0.974	0.979

	Covariance Coverage				
	QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
QID11_2	0.995				
QID11_3	0.995	1.000			

QID11_4	0.995	1.000	1.000		
QID11_5	0.990	0.995	0.995	0.995	
QID11_6	0.995	1.000	1.000	0.995	1.000
QID11_7	0.995	1.000	1.000	0.995	1.000
QID11_8	0.995	1.000	1.000	0.995	1.000
QID11_9	0.990	0.995	0.995	0.990	0.995
QID11_10	0.990	0.995	0.995	0.990	0.995
QID12_1	0.984	0.990	0.990	0.984	0.990
QID12_2	0.984	0.990	0.990	0.984	0.990
QID12_3	0.984	0.984	0.984	0.979	0.984
QID13_1	0.984	0.990	0.990	0.984	0.990
QID12_4	0.984	0.990	0.990	0.984	0.990
QID12_6	0.984	0.990	0.990	0.984	0.990
QID12_7	0.984	0.990	0.990	0.984	0.990
QID12_8	0.984	0.990	0.990	0.984	0.990
QID12_9	0.984	0.990	0.990	0.984	0.990
QID13_2	0.984	0.990	0.990	0.984	0.990
QID13_3	0.984	0.990	0.990	0.984	0.990
QID13_4	0.979	0.984	0.984	0.979	0.984
QID13_5	0.979	0.984	0.984	0.979	0.984
QID13_6	0.974	0.974	0.974	0.969	0.974
QID13_7	0.979	0.984	0.984	0.979	0.984
QID13_8	0.979	0.984	0.984	0.979	0.984
QID13_10	0.979	0.979	0.979	0.974	0.979
QID13_11	0.979	0.984	0.984	0.979	0.984
QID13_13	0.974	0.979	0.979	0.974	0.979

	Covariance Coverage				
	QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
QID11_7	1.000				
QID11_8	1.000	1.000			
QID11_9	0.995	0.995	0.995		
QID11_10	0.995	0.995	0.995	0.995	
QID12_1	0.990	0.990	0.984	0.984	0.990
QID12_2	0.990	0.990	0.984	0.984	0.990
QID12_3	0.984	0.984	0.979	0.979	0.984
QID13_1	0.990	0.990	0.984	0.984	0.990
QID12_4	0.990	0.990	0.984	0.984	0.990
QID12_6	0.990	0.990	0.984	0.984	0.990
QID12_7	0.990	0.990	0.984	0.984	0.990
QID12_8	0.990	0.990	0.984	0.984	0.990
QID12_9	0.990	0.990	0.984	0.984	0.990
QID13_2	0.990	0.990	0.984	0.984	0.990
QID13_3	0.990	0.990	0.984	0.984	0.990
QID13_4	0.984	0.984	0.979	0.979	0.984
QID13_5	0.984	0.984	0.979	0.979	0.984
QID13_6	0.974	0.974	0.969	0.969	0.974
QID13_7	0.984	0.984	0.979	0.979	0.984
QID13_8	0.984	0.984	0.979	0.979	0.984
QID13_10	0.979	0.979	0.974	0.974	0.979
QID13_11	0.984	0.984	0.979	0.979	0.984
QID13_13	0.979	0.979	0.974	0.974	0.979

	Covariance Coverage				
	QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
QID12_2	0.990				
QID12_3	0.984	0.984			
QID13_1	0.990	0.984	0.990		
QID12_4	0.990	0.984	0.990	0.990	
QID12_6	0.990	0.984	0.990	0.990	0.990

QID12_7	0.990	0.984	0.990	0.990	0.990
QID12_8	0.990	0.984	0.990	0.990	0.990
QID12_9	0.990	0.984	0.990	0.990	0.990
QID13_2	0.990	0.984	0.990	0.990	0.990
QID13_3	0.990	0.984	0.990	0.990	0.990
QID13_4	0.984	0.979	0.984	0.984	0.984
QID13_5	0.984	0.979	0.984	0.984	0.984
QID13_6	0.974	0.974	0.974	0.974	0.974
QID13_7	0.984	0.979	0.984	0.984	0.984
QID13_8	0.984	0.979	0.984	0.984	0.984
QID13_10	0.979	0.979	0.979	0.979	0.979
QID13_11	0.984	0.979	0.984	0.984	0.984
QID13_13	0.979	0.974	0.979	0.979	0.979

	Covariance Coverage				
	QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
QID12_7	0.990				
QID12_8	0.990	0.990			
QID12_9	0.990	0.990	0.990		
QID13_2	0.990	0.990	0.990	0.990	
QID13_3	0.990	0.990	0.990	0.990	0.990
QID13_4	0.984	0.984	0.984	0.984	0.984
QID13_5	0.984	0.984	0.984	0.984	0.984
QID13_6	0.974	0.974	0.974	0.974	0.974
QID13_7	0.984	0.984	0.984	0.984	0.984
QID13_8	0.984	0.984	0.984	0.984	0.984
QID13_10	0.979	0.979	0.979	0.979	0.979
QID13_11	0.984	0.984	0.984	0.984	0.984
QID13_13	0.979	0.979	0.979	0.979	0.979

	Covariance Coverage				
	QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
QID13_4	0.984				
QID13_5	0.984	0.984			
QID13_6	0.974	0.974	0.974		
QID13_7	0.984	0.984	0.974	0.984	
QID13_8	0.984	0.984	0.974	0.984	0.984
QID13_10	0.979	0.979	0.974	0.979	0.979
QID13_11	0.984	0.984	0.974	0.984	0.984
QID13_13	0.979	0.979	0.969	0.979	0.979

	Covariance Coverage		
	QID13_10	QID13_11	QID13_13
QID13_10	0.979		
QID13_11	0.979	0.984	
QID13_13	0.974	0.979	0.979

UNIVARIATE SAMPLE STATISTICS

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

Variable/ Sample Size Median	Mean/ Variance	Skewness/ Kurtosis	Minimum/ Maximum	% with Min/Max	Percentile 20%/60% 40%/80%
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QID7_1	4.120	-0.507	1.000	3.65%	3.000	4.000
4.000						
192.000	1.741	-0.368	6.000	15.10%	5.000	5.000
QID7_3	4.396	-0.619	1.000	2.08%	3.000	4.000
5.000						
192.000	1.604	-0.193	6.000	21.35%	5.000	6.000
QID7_4	4.349	-0.758	1.000	2.08%	3.000	4.000
5.000						
192.000	1.488	0.074	6.000	15.10%	5.000	5.000
QID7_5	3.984	-0.549	1.000	5.73%	2.000	4.000
4.000						
192.000	1.995	-0.638	6.000	11.98%	5.000	5.000
QID7_6	3.623	-0.205	1.000	8.38%	2.000	3.000
4.000						
191.000	2.057	-0.932	6.000	8.38%	4.000	5.000
QID7_7	4.335	-0.744	1.000	2.09%	4.000	4.000
5.000						
191.000	1.584	-0.059	6.000	16.23%	5.000	5.000
QID7_8	4.162	-0.609	1.000	4.19%	3.000	4.000
4.000						
191.000	1.843	-0.375	6.000	15.71%	5.000	5.000
QID7_9	4.356	-0.753	1.000	3.14%	3.000	4.000
5.000						
191.000	1.894	-0.312	6.000	20.94%	5.000	6.000
QID7_10	4.120	-0.697	1.000	4.19%	3.000	4.000
4.000						
191.000	1.687	-0.142	6.000	11.52%	5.000	5.000
QID11_1	4.312	-0.803	1.000	4.17%	3.000	4.000
5.000						
192.000	1.798	-0.042	6.000	17.71%	5.000	5.000
QID11_2	4.215	-0.727	1.000	3.66%	3.000	4.000
5.000						
191.000	1.781	-0.271	6.000	14.14%	5.000	5.000
QID11_3	4.120	-0.695	1.000	5.21%	2.000	4.000
4.000						
192.000	1.980	-0.466	6.000	13.54%	5.000	5.000
QID11_4	4.922	-1.523	1.000	2.60%	4.000	5.000
5.000						
192.000	1.239	2.812	6.000	32.81%	5.000	6.000
QID11_5	4.387	-0.835	1.000	2.62%	4.000	4.000
5.000						
191.000	1.515	0.308	6.000	16.75%	5.000	5.000
QID11_6	4.391	-0.829	1.000	3.12%	4.000	4.000
5.000						
192.000	1.790	-0.052	6.000	20.31%	5.000	6.000
QID11_7	4.104	-0.645	1.000	3.12%	3.000	4.000
4.000						
192.000	1.666	-0.359	6.000	10.42%	5.000	5.000
QID11_8	3.693	-0.247	1.000	7.29%	2.000	4.000
4.000						
192.000	2.119	-1.009	6.000	9.38%	4.000	5.000
QID11_9	4.079	-0.557	1.000	3.14%	2.000	4.000
4.000						
191.000	1.842	-0.624	6.000	12.57%	5.000	5.000
QID11_10	4.220	-0.577	1.000	2.62%	3.000	4.000
5.000						
191.000	1.910	-0.647	6.000	17.80%	5.000	5.000
QID12_1	4.668	-1.203	1.000	2.63%	4.000	5.000
5.000						
190.000	1.422	1.325	6.000	23.68%	5.000	6.000
QID12_2	4.174	-0.637	1.000	3.16%	3.000	4.000
4.000						
190.000	1.701	-0.250	6.000	14.21%	5.000	5.000

QID12_3	4.667	-1.058	1.000	2.12%	4.000	5.000
5.000						
189.000	1.333	1.226	6.000	24.87%	5.000	6.000
QID13_1	4.758	-1.449	1.000	3.16%	4.000	5.000
5.000						
190.000	1.152	3.056	6.000	22.63%	5.000	6.000
QID12_4	4.047	-0.552	1.000	4.21%	3.000	4.000
4.000						
190.000	1.814	-0.419	6.000	13.16%	4.000	5.000
QID12_6	4.205	-0.614	1.000	2.11%	3.000	4.000
4.000						
190.000	1.689	-0.385	6.000	14.74%	5.000	5.000
QID12_7	4.653	-0.953	1.000	1.58%	4.000	5.000
5.000						
190.000	1.300	0.894	6.000	24.21%	5.000	6.000
QID12_8	4.426	-0.885	1.000	3.68%	4.000	4.000
5.000						
190.000	1.676	0.323	6.000	20.53%	5.000	6.000
QID12_9	4.284	-0.829	1.000	4.21%	4.000	4.000
4.000						
190.000	1.677	0.217	6.000	15.79%	5.000	5.000
QID13_2	4.116	-0.622	1.000	3.16%	3.000	4.000
4.000						
190.000	1.787	-0.465	6.000	12.63%	5.000	5.000
QID13_3	4.005	-0.460	1.000	3.68%	2.000	4.000
4.000						
190.000	1.921	-0.761	6.000	12.63%	5.000	5.000
QID13_4	4.217	-0.569	1.000	3.17%	3.000	4.000
5.000						
189.000	1.990	-0.675	6.000	19.05%	5.000	5.000
QID13_5	3.735	-0.203	1.000	6.35%	2.000	4.000
4.000						
189.000	2.120	-0.981	6.000	11.64%	4.000	5.000
QID13_6	4.358	-0.805	1.000	2.67%	4.000	4.000
5.000						
187.000	1.535	0.253	6.000	16.58%	5.000	5.000
QID13_7	4.249	-0.671	1.000	3.17%	3.000	4.000
4.000						
189.000	1.848	-0.386	6.000	17.46%	5.000	5.000
QID13_8	4.307	-0.596	1.000	2.12%	3.000	4.000
4.000						
189.000	1.694	-0.316	6.000	19.58%	5.000	5.000
QID13_10	4.261	-0.601	1.000	2.13%	3.000	4.000
4.000						
188.000	1.799	-0.508	6.000	18.09%	5.000	5.000
QID13_11	4.291	-0.822	1.000	3.17%	4.000	4.000
5.000						
189.000	1.698	-0.034	6.000	14.81%	5.000	5.000
QID13_13	4.473	-0.810	1.000	1.60%	4.000	4.000
5.000						
188.000	1.675	-0.092	6.000	22.34%	5.000	6.000

SUMMARY OF MODEL FIT INFORMATION

Model	Number of Parameters	Chi-Square	Degrees of Freedom	P-Value
1-factor	114	1420.986	665	0.0000
2-factor	151	1209.136	628	0.0000
3-factor	187	1039.386	592	0.0000
4-factor	222	931.192	557	0.0000
5-factor	256	822.273	523	0.0000

6-factor	289	880.819	490	0.0000
Models Compared		Chi-Square	Degrees of Freedom	P-Value
1-factor against 2-factor		142.277	37	0.0000
2-factor against 3-factor		151.697	36	0.0000
3-factor against 4-factor		91.260	35	0.0000
4-factor against 5-factor		96.814	34	0.0000
5-factor against 6-factor		23.033	33	0.9021

RESULTS FOR EXPLORATORY FACTOR ANALYSIS

EIGENVALUES FOR SAMPLE CORRELATION MATRIX				
1	2	3	4	5
<u>24.978</u>	<u>1.496</u>	<u>1.162</u>	<u>0.880</u>	<u>0.780</u>
EIGENVALUES FOR SAMPLE CORRELATION MATRIX				
6	7	8	9	10
<u>0.588</u>	<u>0.560</u>	<u>0.554</u>	<u>0.494</u>	<u>0.466</u>
EIGENVALUES FOR SAMPLE CORRELATION MATRIX				
11	12	13	14	15
<u>0.444</u>	<u>0.411</u>	<u>0.401</u>	<u>0.386</u>	<u>0.339</u>
EIGENVALUES FOR SAMPLE CORRELATION MATRIX				
16	17	18	19	20
<u>0.303</u>	<u>0.299</u>	<u>0.291</u>	<u>0.276</u>	<u>0.246</u>
EIGENVALUES FOR SAMPLE CORRELATION MATRIX				
21	22	23	24	25
<u>0.234</u>	<u>0.223</u>	<u>0.214</u>	<u>0.202</u>	<u>0.189</u>
EIGENVALUES FOR SAMPLE CORRELATION MATRIX				
26	27	28	29	30
<u>0.182</u>	<u>0.168</u>	<u>0.153</u>	<u>0.140</u>	<u>0.136</u>
EIGENVALUES FOR SAMPLE CORRELATION MATRIX				
31	32	33	34	35
<u>0.131</u>	<u>0.122</u>	<u>0.118</u>	<u>0.109</u>	<u>0.102</u>
EIGENVALUES FOR SAMPLE CORRELATION MATRIX				
36	37	38		
<u>0.086</u>	<u>0.071</u>	<u>0.065</u>		

EXPLORATORY FACTOR ANALYSIS WITH 1 FACTOR(S) :

MODEL FIT INFORMATION

Number of Free Parameters 114

Loglikelihood

H0 Value	-8792.973
H0 Scaling Correction Factor for MLR	1.2154
H1 Value	-7791.484
H1 Scaling Correction Factor for MLR	1.3812

Information Criteria

Akaike (AIC)	17813.946
Bayesian (BIC)	18185.301
Sample-Size Adjusted BIC ($n^* = (n + 2) / 24$)	17824.184

Chi-Square Test of Model Fit

Value	1420.986*
Degrees of Freedom	665
P-Value	0.0000
Scaling Correction Factor for MLR	1.4096

* The chi-square value for MLM, MLMV, MLR, ULSMV, WLSM and WLSMV cannot be used for chi-square difference testing in the regular way. MLM, MLR and WLSM chi-square difference testing is described on the Mplus website. MLMV, WLSMV, and ULSMV difference testing is done using the DIFFTEST option.

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.077	
90 Percent C.I.	0.071	0.082
Probability RMSEA <= .05	0.000	

CFI/TLI

CFI	0.862
TLI	0.854

Chi-Square Test of Model Fit for the Baseline Model

Value	6189.063
Degrees of Freedom	703
P-Value	0.0000

SRMR (Standardized Root Mean Square Residual)

Value	0.046
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MINIMUM ROTATION FUNCTION VALUE 24.64494

GEOMIN ROTATED LOADINGS (* significant at 5% level)

	1
QID7_1	0.826*
QID7_3	0.778*
QID7_4	0.822*
QID7_5	0.810*
QID7_6	0.786*
QID7_7	0.815*
QID7_8	0.798*
QID7_9	0.845*
QID7_10	0.841*
QID11_1	0.730*
QID11_2	0.861*
QID11_3	0.819*
QID11_4	0.656*
QID11_5	0.837*
QID11_6	0.776*
QID11_7	0.829*
QID11_8	0.824*
QID11_9	0.796*
QID11_10	0.782*
QID12_1	0.817*
QID12_2	0.861*
QID12_3	0.750*
QID13_1	0.766*
QID12_4	0.836*
QID12_6	0.834*
QID12_7	0.788*
QID12_8	0.823*
QID12_9	0.760*
QID13_2	0.789*
QID13_3	0.829*
QID13_4	0.839*
QID13_5	0.802*
QID13_6	0.815*
QID13_7	0.819*
QID13_8	0.780*
QID13_10	0.811*
QID13_11	0.821*
QID13_13	0.794*

GEOMIN FACTOR CORRELATIONS (* significant at 5% level)

	1
1	1.000

ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
0.318	0.395	0.325	0.344	0.383

ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
0.335	0.364	0.286	0.293	0.468

ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
0.258	0.329	0.570	0.299	0.397

ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
<u>0.313</u>	<u>0.321</u>	<u>0.366</u>	<u>0.388</u>	<u>0.332</u>

ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
<u>0.259</u>	<u>0.438</u>	<u>0.414</u>	<u>0.301</u>	<u>0.305</u>

ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
<u>0.379</u>	<u>0.323</u>	<u>0.422</u>	<u>0.378</u>	<u>0.312</u>

ESTIMATED RESIDUAL VARIANCES

QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
<u>0.296</u>	<u>0.357</u>	<u>0.335</u>	<u>0.328</u>	<u>0.391</u>

ESTIMATED RESIDUAL VARIANCES

QID13_10	QID13_11	QID13_13
<u>0.342</u>	<u>0.326</u>	<u>0.369</u>

S.E. GEOMIN ROTATED LOADINGS

1

QID7_1	0.025
QID7_3	0.034
QID7_4	0.027
QID7_5	0.029
QID7_6	0.029
QID7_7	0.028
QID7_8	0.032
QID7_9	0.020
QID7_10	0.020
QID11_1	0.034
QID11_2	0.018
QID11_3	0.023
QID11_4	0.050
QID11_5	0.022
QID11_6	0.031
QID11_7	0.027
QID11_8	0.024
QID11_9	0.033
QID11_10	0.032
QID12_1	0.026
QID12_2	0.019
QID12_3	0.043
QID13_1	0.036
QID12_4	0.024
QID12_6	0.031
QID12_7	0.037
QID12_8	0.025
QID12_9	0.039
QID13_2	0.037

QID13_3	0.028
QID13_4	0.028
QID13_5	0.027
QID13_6	0.028
QID13_7	0.032
QID13_8	0.036
QID13_10	0.034
QID13_11	0.025
QID13_13	0.032

S.E. GEOMIN FACTOR CORRELATIONS

1	<u>0.000</u>
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S.E. ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
<u>0.042</u>	<u>0.054</u>	<u>0.045</u>	<u>0.046</u>	<u>0.046</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
<u>0.045</u>	<u>0.052</u>	<u>0.033</u>	<u>0.034</u>	<u>0.049</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
<u>0.032</u>	<u>0.038</u>	<u>0.065</u>	<u>0.038</u>	<u>0.047</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
<u>0.045</u>	<u>0.040</u>	<u>0.052</u>	<u>0.050</u>	<u>0.042</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
<u>0.032</u>	<u>0.064</u>	<u>0.056</u>	<u>0.040</u>	<u>0.051</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
<u>0.058</u>	<u>0.041</u>	<u>0.059</u>	<u>0.058</u>	<u>0.046</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
<u>0.047</u>	<u>0.044</u>	<u>0.046</u>	<u>0.053</u>	<u>0.056</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID13_10	QID13_11	QID13_13
<u>0.055</u>	<u>0.041</u>	<u>0.050</u>

Est./S.E. GEOMIN ROTATED LOADINGS

1

QID7_1	32.867
QID7_3	22.571
QID7_4	30.219
QID7_5	28.340
QID7_6	26.720
QID7_7	29.612
QID7_8	24.684
QID7_9	43.217
QID7_10	42.176
QID11_1	21.538
QID11_2	46.816
QID11_3	34.929
QID11_4	13.205
QID11_5	37.297
QID11_6	25.393
QID11_7	30.752
QID11_8	33.783
QID11_9	24.294
QID11_10	24.500
QID12_1	31.886
QID12_2	46.137
QID12_3	17.472
QID13_1	21.112
QID12_4	34.824
QID12_6	27.128
QID12_7	21.480
QID12_8	32.963
QID12_9	19.644
QID13_2	21.537
QID13_3	30.029
QID13_4	29.898
QID13_5	29.205
QID13_6	29.065
QID13_7	25.459
QID13_8	21.665
QID13_10	24.076
QID13_11	32.980
QID13_13	25.021

Est./S.E. GEOMIN FACTOR CORRELATIONS

1

1	0.000
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Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
7.651	7.373	7.268	7.445	8.282

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
7.472	7.056	8.661	8.730	9.463

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
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8.157	8.559	8.754	7.952	8.366
Est./S.E. ESTIMATED RESIDUAL VARIANCES				
QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
7.009	7.992	7.004	7.756	7.917
Est./S.E. ESTIMATED RESIDUAL VARIANCES				
QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
8.081	6.804	7.447	7.494	5.957
Est./S.E. ESTIMATED RESIDUAL VARIANCES				
QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
6.554	7.857	7.162	6.535	6.821
Est./S.E. ESTIMATED RESIDUAL VARIANCES				
QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
6.279	8.121	7.332	6.225	6.968
Est./S.E. ESTIMATED RESIDUAL VARIANCES				
QID13_10	QID13_11	QID13_13		
6.251	7.969	7.312		

EXPLORATORY FACTOR ANALYSIS WITH 2 FACTOR(S) :

MODEL FIT INFORMATION

Number of Free Parameters 151

Loglikelihood

H0 Value -8594.491
H0 Scaling Correction Factor 1.6013
for MLR
H1 Value -7791.484
H1 Scaling Correction Factor 1.3812
for MLR

Information Criteria

Akaike (AIC) 17490.983
Bayesian (BIC) 17982.864
Sample-Size Adjusted BIC 17504.543
(n* = (n + 2) / 24)

Chi-Square Test of Model Fit

Value 1209.136*
Degrees of Freedom 628
P-Value 0.0000
Scaling Correction Factor 1.3282
for MLR

* The chi-square value for MLM, MLMV, MLR, ULSMV, WLSM and WLSMV cannot be used for chi-square difference testing in the regular way. MLM, MLR and WLSM chi-square difference testing is described on the Mplus website. MLMV, WLSMV, and ULSMV difference testing is done using the DIFFTEST option.

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.069	
90 Percent C.I.	0.064	0.075
Probability RMSEA <= .05	0.000	

CFI/TLI

CFI	0.894
TLI	0.881

Chi-Square Test of Model Fit for the Baseline Model

Value	6189.063
Degrees of Freedom	703
P-Value	0.0000

SRMR (Standardized Root Mean Square Residual)

Value	0.036
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MINIMUM ROTATION FUNCTION VALUE 4.42900

GEOMIN ROTATED LOADINGS (* significant at 5% level)

	1	2
QID7_1	0.865*	0.003
QID7_3	0.907*	-0.092
QID7_4	0.954*	-0.093
QID7_5	0.946*	-0.096
QID7_6	0.831*	-0.009
QID7_7	0.608*	0.246
QID7_8	0.758*	0.078
QID7_9	0.578*	0.307
QID7_10	0.751*	0.129
QID11_1	0.720*	0.042
QID11_2	0.594*	0.307
QID11_3	0.512*	0.347
QID11_4	0.485	0.201
QID11_5	0.435	0.442
QID11_6	0.497*	0.318
QID11_7	0.590*	0.277
QID11_8	0.706*	0.156
QID11_9	0.615*	0.220
QID11_10	0.623*	0.197
QID12_1	0.250	0.610
QID12_2	0.387	0.518*
QID12_3	-0.008	0.801*
QID13_1	0.040	0.769*
QID12_4	0.414*	0.463*
QID12_6	0.355	0.521*
QID12_7	0.099	0.733*
QID12_8	0.332	0.532
QID12_9	0.180	0.621*

QID13_2	0.200	0.630*
QID13_3	0.240	0.634*
QID13_4	0.218	0.668*
QID13_5	0.502*	0.339
QID13_6	-0.019	0.884*
QID13_7	-0.059	0.929*
QID13_8	-0.053	0.881*
QID13_10	0.286	0.568*
QID13_11	0.213	0.652*
QID13_13	0.220	0.618*

GEOMIN FACTOR CORRELATIONS (* significant at 5% level)

	1	2
1	1.000	
2	0.812*	1.000

ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
0.248	0.305	0.224	0.244	0.321

ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
0.326	0.323	0.284	0.262	0.431

ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
0.256	0.329	0.566	0.303	0.396

ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
0.309	0.297	0.353	0.374	0.318

ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
0.257	0.368	0.357	0.303	0.302

ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
0.335	0.320	0.400	0.358	0.293

ESTIMATED RESIDUAL VARIANCES

QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
0.270	0.356	0.245	0.222	0.297

ESTIMATED RESIDUAL VARIANCES

QID13_10	QID13_11	QID13_13
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0.332 0.303 0.349

S.E. GEOMIN ROTATED LOADINGS

	1	2
QID7_1	0.037	0.047
QID7_3	0.104	0.126
QID7_4	0.197	0.223
QID7_5	0.103	0.127
QID7_6	0.100	0.111
QID7_7	0.156	0.171
QID7_8	0.152	0.169
QID7_9	0.217	0.226
QID7_10	0.204	0.218
QID11_1	0.246	0.262
QID11_2	0.219	0.230
QID11_3	0.217	0.221
QID11_4	0.380	0.398
QID11_5	0.273	0.279
QID11_6	0.244	0.254
QID11_7	0.226	0.237
QID11_8	0.165	0.178
QID11_9	0.233	0.247
QID11_10	0.235	0.250
QID12_1	0.334	0.337
QID12_2	0.222	0.225
QID12_3	0.072	0.083
QID13_1	0.141	0.138
QID12_4	0.181	0.182
QID12_6	0.230	0.213
QID12_7	0.167	0.148
QID12_8	0.276	0.272
QID12_9	0.234	0.215
QID13_2	0.300	0.278
QID13_3	0.230	0.213
QID13_4	0.195	0.177
QID13_5	0.179	0.175
QID13_6	0.149	0.123
QID13_7	0.183	0.157
QID13_8	0.193	0.171
QID13_10	0.150	0.143
QID13_11	0.184	0.167
QID13_13	0.250	0.242

S.E. GEOMIN FACTOR CORRELATIONS

	1	2
1	0.000	
2	0.061	0.000

S.E. ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
0.042	0.046	0.050	0.040	0.052

S.E. ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
0.043	0.051	0.035	0.043	0.064

S.E. ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
<u>0.034</u>	<u>0.040</u>	<u>0.070</u>	<u>0.038</u>	<u>0.049</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
0.047	0.041	0.056	0.055	0.062

S.E. ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
0.032	0.072	0.065	0.040	0.042

S.E. ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
<u>0.049</u>	<u>0.042</u>	<u>0.053</u>	<u>0.051</u>	<u>0.043</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
<u>0.035</u>	<u>0.045</u>	<u>0.039</u>	<u>0.037</u>	<u>0.049</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID13_10	QID13_11	QID13_13
<u>0.053</u>	<u>0.040</u>	<u>0.053</u>

Est./S.E. GEOMIN ROTATED LOADINGS

	1	2
QID7_1	<u>23.108</u>	<u>0.054</u>
QID7_3	8.738	-0.731
QID7_4	4.849	-0.416
QID7_5	9.170	-0.754
QID7_6	8.272	-0.080
QID7_7	3.902	1.441
QID7_8	4.979	0.461
QID7_9	2.668	1.356
QID7_10	3.674	0.593
QID11_1	2.925	0.160
QID11_2	2.709	1.334
QID11_3	2.360	1.568
QID11_4	1.276	0.505
QID11_5	1.592	1.585
QID11_6	2.036	1.254
QID11_7	2.613	1.168
QID11_8	4.272	0.877
QID11_9	2.638	0.889
QID11_10	2.655	0.788
QID12_1	0.748	1.811
QID12_2	1.739	2.306
QID12_3	-0.111	9.644
QID13_1	0.281	5.586
QID12_4	2.283	2.545

QID12_6	1.545	2.445
QID12_7	0.593	4.941
QID12_8	1.202	1.958
QID12_9	0.770	2.889
QID13_2	0.664	2.265
QID13_3	1.043	2.984
QID13_4	1.117	3.775
QID13_5	2.813	1.938
QID13_6	-0.128	7.164
QID13_7	-0.323	5.900
QID13_8	-0.274	5.162
QID13_10	1.907	3.978
QID13_11	1.160	3.897
QID13_13	0.881	2.552

Est./S.E. GEOMIN FACTOR CORRELATIONS

	1	2
1	0.000	
2	13.262	0.000

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
5.975	6.695	4.479	6.072	6.141

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
7.530	6.383	8.077	6.106	6.755

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
7.600	8.305	8.107	7.953	8.142

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
6.627	7.307	6.338	6.813	5.133

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
8.051	5.112	5.506	7.546	7.231

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
6.888	7.591	7.595	7.034	6.794

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
7.817	7.949	6.309	5.950	6.073

Est./S.E. ESTIMATED RESIDUAL VARIANCES		
QID13_10	QID13_11	QID13_13
6.283	7.534	6.653

FACTOR STRUCTURE		
	1	2
QID7_1	0.867	0.705
QID7_3	0.832	0.644
QID7_4	0.879	0.683
QID7_5	0.868	0.672
QID7_6	0.824	0.666
QID7_7	0.808	0.740
QID7_8	0.822	0.694
QID7_9	0.827	0.776
QID7_10	0.856	0.739
QID11_1	0.754	0.627
QID11_2	0.844	0.790
QID11_3	0.794	0.763
QID11_4	0.649	0.595
QID11_5	0.794	0.796
QID11_6	0.755	0.721
QID11_7	0.816	0.757
QID11_8	0.833	0.730
QID11_9	0.794	0.720
QID11_10	0.783	0.703
QID12_1	0.745	0.813
QID12_2	0.808	0.832
QID12_3	0.643	0.795
QID13_1	0.665	0.801
QID12_4	0.790	0.800
QID12_6	0.778	0.809
QID12_7	0.695	0.814
QID12_8	0.764	0.801
QID12_9	0.685	0.768
QID13_2	0.712	0.793
QID13_3	0.755	0.829
QID13_4	0.760	0.845
QID13_5	0.778	0.747
QID13_6	0.699	0.869
QID13_7	0.696	0.881
QID13_8	0.663	0.838
QID13_10	0.747	0.800
QID13_11	0.743	0.826
QID13_13	0.722	0.796

EXPLORATORY FACTOR ANALYSIS WITH 3 FACTOR(S) :

MODEL FIT INFORMATION

Number of Free Parameters	187
Loglikelihood	
H0 Value	-8473.194
H0 Scaling Correction Factor for MLR	1.6009
H1 Value	-7791.484
H1 Scaling Correction Factor	1.3812

for MLR

Information Criteria

Akaike (AIC)	17320.389
Bayesian (BIC)	17929.540
Sample-Size Adjusted BIC	17337.182
(n* = (n + 2) / 24)	

Chi-Square Test of Model Fit

Value	1039.386*
Degrees of Freedom	592
P-Value	0.0000
Scaling Correction Factor	1.3118
for MLR	

* The chi-square value for MLM, MLMV, MLR, ULSMV, WLSM and WLSMV cannot be used for chi-square difference testing in the regular way. MLM, MLR and WLSM chi-square difference testing is described on the Mplus website. MLMV, WLSMV, and ULSMV difference testing is done using the DIFFTEST option.

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.063	
90 Percent C.I.	0.056	0.069
Probability RMSEA <= .05	0.001	

CFI/TLI

CFI	0.918
TLI	0.903

Chi-Square Test of Model Fit for the Baseline Model

Value	6189.063
Degrees of Freedom	703
P-Value	0.0000

SRMR (Standardized Root Mean Square Residual)

Value	0.029
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MINIMUM ROTATION FUNCTION VALUE 2.01823

GEOMIN ROTATED LOADINGS (* significant at 5% level)

	1	2	3
QID7_1	0.809*	0.272	-0.027
QID7_3	0.760*	0.296*	-0.074
QID7_4	0.813*	0.286	-0.180*
QID7_5	0.783*	0.347*	0.003
QID7_6	0.751*	0.331*	0.141
QID7_7	0.801*	0.138	0.025
QID7_8	0.789*	0.193	-0.091
QID7_9	0.835*	0.097	-0.005
QID7_10	0.818*	0.223	0.050
QID11_1	0.718*	0.189	-0.075
QID11_2	0.846*	0.121	0.047
QID11_3	0.809*	0.078	0.024

QID11_4	0.678*	-0.014	-0.358*
QID11_5	0.835*	0.010	-0.013
QID11_6	0.782*	0.029	-0.116
QID11_7	0.823*	0.101	-0.046
QID11_8	0.795*	0.246*	0.159
QID11_9	0.797*	0.102	-0.126
QID11_10	0.785*	0.096	-0.164
QID12_1	0.851*	-0.187	-0.208
QID12_2	0.870*	-0.048	-0.063
QID12_3	0.786*	-0.289*	-0.102
QID13_1	0.799*	-0.267	-0.080
QID12_4	0.830*	0.020	0.081
QID12_6	0.821*	0.018	0.183
QID12_7	0.803*	-0.177	0.021
QID12_8	0.827*	-0.058	0.005
QID12_9	0.751*	-0.051	0.266*
QID13_2	0.765*	-0.001	0.422*
QID13_3	0.818*	-0.025	0.276*
QID13_4	0.839*	-0.079	0.140
QID13_5	0.772*	0.162	0.283*
QID13_6	0.834*	-0.238*	0.074
QID13_7	0.835*	-0.240*	0.147
QID13_8	0.791*	-0.214*	0.184
QID13_10	0.819*	-0.083	0.012
QID13_11	0.832*	-0.120	0.010
QID13_13	0.823*	-0.175	-0.147

GEOMIN FACTOR CORRELATIONS (* significant at 5% level)

	1	2	3
1	1.000		
2	0.049	1.000	
3	0.034	-0.083	1.000

ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
0.250	0.308	0.204	0.239	0.282

ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
0.327	0.320	0.286	0.259	0.431

ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
0.255	0.331	0.430	0.302	0.377

ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
0.304	0.261	0.335	0.346	0.233

ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
0.246	0.321	0.313	0.298	0.281

ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
0.337	0.317	0.351	0.215	0.240

ESTIMATED RESIDUAL VARIANCES

QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
0.267	0.278	0.255	0.230	0.295

ESTIMATED RESIDUAL VARIANCES

QID13_10	QID13_11	QID13_13
0.328	0.303	0.298

S.E. GEOMIN ROTATED LOADINGS

	1	2	3
QID7_1	0.112	0.166	0.132
QID7_3	0.121	0.149	0.109
QID7_4	0.116	0.152	0.079
QID7_5	0.131	0.112	0.055
QID7_6	0.139	0.120	0.161
QID7_7	0.052	0.079	0.071
QID7_8	0.086	0.163	0.119
QID7_9	0.037	0.073	0.101
QID7_10	0.090	0.128	0.097
QID11_1	0.085	0.171	0.114
QID11_2	0.048	0.077	0.093
QID11_3	0.034	0.062	0.089
QID11_4	0.100	0.069	0.157
QID11_5	0.027	0.068	0.145
QID11_6	0.041	0.113	0.104
QID11_7	0.043	0.070	0.106
QID11_8	0.107	0.105	0.128
QID11_9	0.057	0.125	0.124
QID11_10	0.061	0.145	0.105
QID12_1	0.076	0.178	0.119
QID12_2	0.021	0.129	0.105
QID12_3	0.108	0.140	0.190
QID13_1	0.094	0.162	0.186
QID12_4	0.038	0.114	0.124
QID12_6	0.055	0.067	0.100
QID12_7	0.072	0.099	0.129
QID12_8	0.032	0.129	0.085
QID12_9	0.075	0.071	0.122
QID13_2	0.104	0.037	0.093
QID13_3	0.075	0.070	0.117
QID13_4	0.053	0.094	0.132
QID13_5	0.103	0.103	0.143
QID13_6	0.090	0.078	0.160
QID13_7	0.098	0.079	0.158
QID13_8	0.095	0.067	0.152
QID13_10	0.043	0.153	0.132
QID13_11	0.043	0.107	0.083
QID13_13	0.069	0.193	0.115

S.E. GEOMIN FACTOR CORRELATIONS

	1	2	3
1	0.000		
2	0.236	0.000	
3	0.157	0.187	0.000

S.E. ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
0.040	0.050	0.036	0.037	0.054

S.E. ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
0.042	0.048	0.036	0.040	0.063

S.E. ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
0.034	0.040	0.134	0.043	0.050

S.E. ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
0.048	0.042	0.054	0.054	0.059

S.E. ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
0.031	0.066	0.070	0.040	0.042

S.E. ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
0.052	0.042	0.050	0.058	0.039

S.E. ESTIMATED RESIDUAL VARIANCES

QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
0.033	0.067	0.043	0.036	0.046

S.E. ESTIMATED RESIDUAL VARIANCES

QID13_10	QID13_11	QID13_13
0.053	0.040	0.063

Est./S.E. GEOMIN ROTATED LOADINGS

	1	2	3
QID7_1	7.224	1.635	-0.205
QID7_3	6.298	1.989	-0.683
QID7_4	6.997	1.878	-2.282
QID7_5	5.966	3.110	0.049
QID7_6	5.409	2.756	0.875
QID7_7	15.308	1.753	0.353

QID7_8	9.141	1.184	-0.766
QID7_9	22.596	1.333	-0.047
QID7_10	9.121	1.740	0.516
QID11_1	8.407	1.105	-0.657
QID11_2	17.747	1.563	0.500
QID11_3	24.077	1.261	0.265
QID11_4	6.759	-0.199	-2.278
QID11_5	31.074	0.145	-0.093
QID11_6	18.948	0.254	-1.121
QID11_7	19.290	1.431	-0.431
QID11_8	7.454	2.336	1.241
QID11_9	13.922	0.811	-1.014
QID11_10	12.933	0.664	-1.566
QID12_1	11.156	-1.052	-1.748
QID12_2	40.481	-0.375	-0.595
QID12_3	7.245	-2.060	-0.538
QID13_1	8.485	-1.645	-0.430
QID12_4	21.834	0.178	0.655
QID12_6	14.994	0.265	1.831
QID12_7	11.115	-1.788	0.165
QID12_8	26.233	-0.448	0.056
QID12_9	10.028	-0.717	2.185
QID13_2	7.335	-0.016	4.522
QID13_3	10.895	-0.357	2.357
QID13_4	15.740	-0.834	1.064
QID13_5	7.490	1.579	1.975
QID13_6	9.230	-3.057	0.465
QID13_7	8.507	-3.031	0.933
QID13_8	8.345	-3.214	1.212
QID13_10	19.256	-0.543	0.092
QID13_11	19.454	-1.120	0.121
QID13_13	11.864	-0.904	-1.270

Est./S.E. GEOMIN FACTOR CORRELATIONS

	1	2	3
1	0.000		
2	0.210	0.000	
3	0.216	-0.444	0.000

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
6.192	6.207	5.612	6.475	5.223

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
7.786	6.665	7.969	6.406	6.865

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
7.546	8.308	3.202	7.014	7.537

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
6.304	6.288	6.161	6.380	3.944

Est./S.E. ESTIMATED RESIDUAL VARIANCES				
QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
<u>7.927</u>	<u>4.835</u>	<u>4.470</u>	<u>7.528</u>	<u>6.694</u>

Est./S.E. ESTIMATED RESIDUAL VARIANCES				
QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
<u>6.486</u>	<u>7.483</u>	<u>7.060</u>	<u>3.715</u>	<u>6.157</u>

Est./S.E. ESTIMATED RESIDUAL VARIANCES				
QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
<u>8.183</u>	<u>4.173</u>	<u>5.917</u>	<u>6.427</u>	<u>6.479</u>

Est./S.E. ESTIMATED RESIDUAL VARIANCES		
QID13_10	QID13_11	QID13_13
<u>6.240</u>	<u>7.481</u>	<u>4.703</u>

FACTOR STRUCTURE

	<u>1</u>	<u>2</u>	<u>3</u>
QID7_1	0.821	0.314	-0.022
QID7_3	0.772	0.340	-0.073
QID7_4	0.821	0.341	-0.176
QID7_5	0.801	0.385	0.001
QID7_6	0.773	0.357	0.139
QID7_7	0.809	0.176	0.041
QID7_8	0.795	0.239	-0.080
QID7_9	0.840	0.139	0.016
QID7_10	0.831	0.259	0.060
QID11_1	0.724	0.231	-0.066
QID11_2	0.854	0.159	0.065
QID11_3	0.814	0.116	0.045
QID11_4	0.665	0.050	-0.334
QID11_5	0.835	0.052	0.014
QID11_6	0.780	0.077	-0.092
QID11_7	0.826	0.145	-0.026
QID11_8	0.812	0.272	0.165
QID11_9	0.798	0.151	-0.107
QID11_10	0.784	0.149	-0.145
QID12_1	0.834	-0.128	-0.164
QID12_2	0.865	0.000	-0.029
QID12_3	0.768	-0.242	-0.051
QID13_1	0.783	-0.221	-0.031
QID12_4	0.834	0.055	0.108
QID12_6	0.828	0.043	0.209
QID12_7	0.795	-0.139	0.063
QID12_8	0.824	-0.017	0.038
QID12_9	0.757	-0.036	0.296
QID13_2	0.780	0.002	0.448
QID13_3	0.826	-0.007	0.305
QID13_4	0.840	-0.049	0.175
QID13_5	0.790	0.177	0.295
QID13_6	0.825	-0.203	0.122
QID13_7	0.828	-0.211	0.196
QID13_8	0.787	-0.190	0.229

QID13_10	0.816	-0.044	0.047
QID13_11	0.826	-0.079	0.048
QID13_13	0.809	-0.122	-0.104

EXPLORATORY FACTOR ANALYSIS WITH 4 FACTOR(S) :

MODEL FIT INFORMATION

Number of Free Parameters 222

Loglikelihood

H0 Value	-8382.388
H0 Scaling Correction Factor for MLR	1.6622
H1 Value	-7791.484
H1 Scaling Correction Factor for MLR	1.3812

Information Criteria

Akaike (AIC)	17208.776
Bayesian (BIC)	17931.940
Sample-Size Adjusted BIC ($n^* = (n + 2) / 24$)	17228.713

Chi-Square Test of Model Fit

Value	931.192*
Degrees of Freedom	557
P-Value	0.0000
Scaling Correction Factor for MLR	1.2691

* The chi-square value for MLM, MLMV, MLR, ULSMV, WLSM and WLSMV cannot be used for chi-square difference testing in the regular way. MLM, MLR and WLSM chi-square difference testing is described on the Mplus website. MLMV, WLSMV, and ULSMV difference testing is done using the DIFFTEST option.

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.059	
90 Percent C.I.	0.052	0.066
Probability RMSEA <= .05	0.013	

CFI/TLI

CFI	0.932
TLI	0.914

Chi-Square Test of Model Fit for the Baseline Model

Value	6189.063
Degrees of Freedom	703
P-Value	0.0000

SRMR (Standardized Root Mean Square Residual)

Value	0.025
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MINIMUM ROTATION FUNCTION VALUE 2.05657

GEOMIN ROTATED LOADINGS (* significant at 5% level)

	1	2	3	4
QID7_1	0.733*	0.006	0.223	0.175
QID7_3	0.863*	-0.120	0.123	0.082
QID7_4	1.023*	-0.185	-0.003	0.070
QID7_5	0.928*	-0.140	0.155	-0.024
QID7_6	0.666*	0.016	0.350*	0.026
QID7_7	0.663*	0.190	0.031	-0.074
QID7_8	0.654*	0.072	0.144	0.228
QID7_9	0.703*	0.224	-0.051	-0.125
QID7_10	0.644*	0.139	0.204*	0.069
QID11_1	0.649*	0.045	0.092	0.126
QID11_2	0.663*	0.250	0.026	-0.111
QID11_3	0.594*	0.280	-0.002	-0.085
QID11_4	0.870*	-0.023	-0.440*	-0.010
QID11_5	0.656	0.324	-0.165	-0.192
QID11_6	0.598*	0.240	-0.094	0.030
QID11_7	0.740*	0.176	-0.078	-0.106
QID11_8	0.585*	0.177	0.274*	-0.018
QID11_9	0.727*	0.125	-0.069	0.009
QID11_10	0.718*	0.109	-0.075	0.068
QID12_1	0.240	0.602	-0.124	0.299
QID12_2	0.374	0.492*	0.011	0.137
QID12_3	-0.023	0.806*	-0.103	0.226
QID13_1	-0.088	0.838	-0.025	0.326
QID12_4	0.335	0.480*	0.131	0.051
QID12_6	0.296	0.541*	0.142	-0.071
QID12_7	0.147	0.698*	-0.061	0.030
QID12_8	0.287	0.544	0.025	0.100
QID12_9	0.052	0.695*	0.187	-0.062
QID13_2	0.011	0.749	0.307	-0.178
QID13_3	0.082	0.713*	0.241	-0.049
QID13_4	0.155	0.684*	0.111	0.010
QID13_5	0.276	0.422	0.390*	-0.014
QID13_6	0.027	0.855*	-0.049	-0.003
QID13_7	-0.080	0.933*	0.039	0.008
QID13_8	-0.078	0.894*	0.054	-0.040
QID13_10	0.102	0.643*	0.133	0.274
QID13_11	0.179	0.650*	0.021	0.117
QID13_13	0.094	0.668	-0.018	0.383

GEOMIN FACTOR CORRELATIONS (* significant at 5% level)

	1	2	3	4
1	1.000			
2	0.839*	1.000		
3	0.316	0.240	1.000	
4	0.215	0.108	0.017	1.000

ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
0.213	0.305	0.205	0.242	0.258

ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1

	0.314	0.281	0.246	0.252	0.427
ESTIMATED RESIDUAL VARIANCES					
	QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
	0.231	0.311	0.323	0.204	0.371
ESTIMATED RESIDUAL VARIANCES					
	QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
	0.266	0.260	0.332	0.348	0.220
ESTIMATED RESIDUAL VARIANCES					
	QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
	0.250	0.322	0.270	0.297	0.280
ESTIMATED RESIDUAL VARIANCES					
	QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
	0.333	0.314	0.356	0.219	0.240
ESTIMATED RESIDUAL VARIANCES					
	QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
	0.268	0.254	0.249	0.230	0.293
ESTIMATED RESIDUAL VARIANCES					
	QID13_10	QID13_11	QID13_13		
	0.273	0.301	0.229		
S.E. GEOMIN ROTATED LOADINGS					
	1	2	3	4	
QID7_1	0.184	0.071	0.143	0.145	
QID7_3	0.230	0.170	0.138	0.161	
QID7_4	0.230	0.187	0.132	0.108	
QID7_5	0.203	0.302	0.112	0.136	
QID7_6	0.154	0.200	0.118	0.107	
QID7_7	0.212	0.308	0.110	0.150	
QID7_8	0.243	0.167	0.144	0.239	
QID7_9	0.283	0.379	0.110	0.201	
QID7_10	0.224	0.224	0.087	0.224	
QID11_1	0.279	0.228	0.106	0.227	
QID11_2	0.296	0.395	0.116	0.213	
QID11_3	0.279	0.337	0.107	0.215	
QID11_4	0.291	0.140	0.104	0.144	
QID11_5	0.414	0.492	0.152	0.269	
QID11_6	0.250	0.206	0.100	0.142	
QID11_7	0.289	0.351	0.098	0.129	
QID11_8	0.175	0.290	0.115	0.085	
QID11_9	0.249	0.221	0.171	0.186	
QID11_10	0.223	0.172	0.126	0.129	
QID12_1	0.354	0.474	0.111	0.262	
QID12_2	0.240	0.236	0.095	0.134	

QID12_3	0.059	0.313	0.105	0.254
QID13_1	0.158	0.434	0.095	0.240
QID12_4	0.239	0.224	0.123	0.123
QID12_6	0.192	0.275	0.152	0.198
QID12_7	0.160	0.120	0.124	0.220
QID12_8	0.333	0.279	0.088	0.268
QID12_9	0.105	0.210	0.197	0.181
QID13_2	0.104	0.387	0.238	0.206
QID13_3	0.099	0.208	0.172	0.099
QID13_4	0.147	0.145	0.128	0.149
QID13_5	0.155	0.238	0.140	0.054
QID13_6	0.111	0.096	0.135	0.166
QID13_7	0.124	0.107	0.134	0.211
QID13_8	0.109	0.130	0.167	0.164
QID13_10	0.361	0.302	0.133	0.397
QID13_11	0.204	0.172	0.070	0.223
QID13_13	0.404	0.517	0.103	0.345

S.E. GEOMIN FACTOR CORRELATIONS

	1	2	3	4
1	0.000			
2	0.085	0.000		
3	0.356	0.290	0.000	
4	0.793	0.872	0.290	0.000

S.E. ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
0.038	0.046	0.036	0.036	0.046

S.E. ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
0.043	0.059	0.050	0.044	0.065

S.E. ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
0.045	0.050	0.059	0.095	0.051

S.E. ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
0.055	0.038	0.064	0.054	0.041

S.E. ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
0.033	0.073	0.069	0.040	0.042

S.E. ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
0.055	0.043	0.051	0.056	0.037

S.E. ESTIMATED RESIDUAL VARIANCES				
QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
0.033	0.054	0.041	0.036	0.049

S.E. ESTIMATED RESIDUAL VARIANCES		
QID13_10	QID13_11	QID13_13
0.114	0.041	0.106

	Est./S.E. GEOMIN ROTATED LOADINGS			
	1	2	3	4
QID7_1	3.981	0.089	1.563	1.203
QID7_3	3.745	-0.709	0.888	0.511
QID7_4	4.453	-0.990	-0.024	0.650
QID7_5	4.577	-0.464	1.392	-0.178
QID7_6	4.313	0.082	2.958	0.245
QID7_7	3.130	0.618	0.285	-0.493
QID7_8	2.691	0.434	1.002	0.952
QID7_9	2.480	0.591	-0.458	-0.623
QID7_10	2.871	0.620	2.350	0.309
QID11_1	2.328	0.199	0.865	0.554
QID11_2	2.239	0.633	0.222	-0.522
QID11_3	2.127	0.831	-0.017	-0.393
QID11_4	2.987	-0.166	-4.253	-0.068
QID11_5	1.586	0.659	-1.081	-0.713
QID11_6	2.394	1.170	-0.939	0.213
QID11_7	2.564	0.502	-0.794	-0.823
QID11_8	3.332	0.610	2.388	-0.212
QID11_9	2.919	0.566	-0.404	0.050
QID11_10	3.219	0.634	-0.597	0.524
QID12_1	0.678	1.271	-1.119	1.141
QID12_2	1.558	2.082	0.112	1.024
QID12_3	-0.391	2.576	-0.981	0.889
QID13_1	-0.558	1.928	-0.263	1.354
QID12_4	1.402	2.145	1.061	0.415
QID12_6	1.542	1.971	0.932	-0.358
QID12_7	0.924	5.814	-0.492	0.137
QID12_8	0.862	1.948	0.287	0.374
QID12_9	0.494	3.306	0.954	-0.345
QID13_2	0.105	1.934	1.293	-0.861
QID13_3	0.824	3.433	1.402	-0.489
QID13_4	1.057	4.703	0.868	0.069
QID13_5	1.777	1.772	2.776	-0.261
QID13_6	0.239	8.892	-0.364	-0.021
QID13_7	-0.651	8.757	0.293	0.037
QID13_8	-0.711	6.901	0.320	-0.246
QID13_10	0.282	2.128	1.004	0.689
QID13_11	0.876	3.776	0.300	0.523
QID13_13	0.234	1.292	-0.178	1.109

	Est./S.E. GEOMIN FACTOR CORRELATIONS			
	1	2	3	4
1	0.000			
2	9.931	0.000		
3	0.887	0.827	0.000	
4	0.272	0.123	0.059	0.000

Est./S.E.	ESTIMATED RESIDUAL VARIANCES				
	QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
	<u>5.663</u>	<u>6.583</u>	<u>5.759</u>	<u>6.731</u>	<u>5.590</u>

Est./S.E.	ESTIMATED RESIDUAL VARIANCES				
	QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
	<u>7.301</u>	<u>4.759</u>	<u>4.891</u>	<u>5.691</u>	<u>6.570</u>

Est./S.E.	ESTIMATED RESIDUAL VARIANCES				
	QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
	<u>5.142</u>	<u>6.252</u>	<u>5.484</u>	<u>2.150</u>	<u>7.211</u>

Est./S.E.	ESTIMATED RESIDUAL VARIANCES				
	QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
	<u>4.846</u>	<u>6.827</u>	<u>5.176</u>	<u>6.422</u>	<u>5.305</u>

Est./S.E.	ESTIMATED RESIDUAL VARIANCES				
	QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
	<u>7.636</u>	<u>4.386</u>	<u>3.908</u>	<u>7.383</u>	<u>6.650</u>

Est./S.E.	ESTIMATED RESIDUAL VARIANCES				
	QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
	<u>6.102</u>	<u>7.240</u>	<u>7.049</u>	<u>3.901</u>	<u>6.456</u>

Est./S.E.	ESTIMATED RESIDUAL VARIANCES				
	QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
	<u>8.067</u>	<u>4.703</u>	<u>6.098</u>	<u>6.402</u>	<u>5.937</u>

Est./S.E.	ESTIMATED RESIDUAL VARIANCES		
	QID13_10	QID13_11	QID13_13
	<u>2.400</u>	<u>7.401</u>	<u>2.155</u>

FACTOR STRUCTURE

	1	2	3	4
QID7_1	<u>0.847</u>	<u>0.694</u>	<u>0.459</u>	<u>0.337</u>
QID7_3	0.818	0.642	0.367	0.257
QID7_4	0.882	0.681	0.277	0.270
QID7_5	0.854	0.673	0.414	0.163
QID7_6	0.795	0.662	0.564	0.177
QID7_7	0.817	0.746	0.285	0.090
QID7_8	0.810	0.681	0.372	0.379
QID7_9	0.848	0.788	0.223	0.049
QID7_10	0.839	0.735	0.441	0.227
QID11_1	0.743	0.625	0.310	0.272
QID11_2	0.857	0.800	0.293	0.059
QID11_3	0.810	0.768	0.251	0.073
QID11_4	0.709	0.600	-0.172	0.167

QID11_5	0.835	0.814	0.117	-0.018
QID11_6	0.776	0.723	0.153	0.183
QID11_7	0.841	0.767	0.196	0.071
QID11_8	0.815	0.731	0.500	0.132
QID11_9	0.812	0.719	0.190	0.178
QID11_10	0.800	0.700	0.178	0.233
QID12_1	0.770	0.805	0.101	0.413
QID12_2	0.819	0.823	0.249	0.271
QID12_3	0.669	0.786	0.087	0.306
QID13_1	0.677	0.793	0.154	0.396
QID12_4	0.790	0.798	0.353	0.177
QID12_6	0.780	0.816	0.364	0.053
QID12_7	0.720	0.810	0.153	0.136
QID12_8	0.773	0.801	0.248	0.221
QID12_9	0.681	0.777	0.370	0.027
QID13_2	0.698	0.812	0.487	-0.090
QID13_3	0.746	0.835	0.437	0.050
QID13_4	0.766	0.842	0.324	0.119
QID13_5	0.750	0.746	0.578	0.097
QID13_6	0.728	0.865	0.164	0.093
QID13_7	0.717	0.876	0.238	0.091
QID13_8	0.681	0.838	0.243	0.040
QID13_10	0.742	0.790	0.324	0.367
QID13_11	0.756	0.818	0.235	0.226
QID13_13	0.732	0.784	0.178	0.475

EXPLORATORY FACTOR ANALYSIS WITH 5 FACTOR(S) :

MODEL FIT INFORMATION

Number of Free Parameters 256

Loglikelihood

H0 Value	-8303.801
H0 Scaling Correction Factor for MLR	1.6571
H1 Value	-7791.484
H1 Scaling Correction Factor for MLR	1.3812

Information Criteria

Akaike (AIC)	17119.601
Bayesian (BIC)	17953.520
Sample-Size Adjusted BIC ($n^* = (n + 2) / 24$)	17142.591

Chi-Square Test of Model Fit

Value	822.273*
Degrees of Freedom	523
P-Value	0.0000
Scaling Correction Factor for MLR	1.2461

* The chi-square value for MLM, MLMV, MLR, ULSMV, WLSM and WLSMV cannot be used for chi-square difference testing in the regular way. MLM, MLR and WLSM chi-square difference testing is described on the Mplus website. MLMV, WLSMV, and ULSMV difference testing is done using the DIFFTEST option.

RMSEA (Root Mean Square Error Of Approximation)

Estimate 0.055
 90 Percent C.I. 0.047 0.062
 Probability RMSEA <= .05 0.144

CFI/TLI

CFI 0.945
 TLI 0.927

Chi-Square Test of Model Fit for the Baseline Model

Value 6189.063
 Degrees of Freedom 703
 P-Value 0.0000

SRMR (Standardized Root Mean Square Residual)

Value 0.021

MINIMUM ROTATION FUNCTION VALUE 1.61716

GEOMIN ROTATED LOADINGS (* significant at 5% level)

	1	2	3	4	5
QID7_1	0.783*	0.017	0.154	-0.098	0.161
QID7_3	0.895*	-0.149	0.037	0.029	0.159
QID7_4	1.082*	-0.212	-0.045	-0.049	0.031
QID7_5	0.997*	-0.232	0.116	0.045	0.037
QID7_6	0.766*	-0.080	0.325*	-0.024	0.065
QID7_7	0.677*	0.096	0.015	0.170	0.032
QID7_8	0.647*	0.140	0.042	-0.073	0.265
QID7_9	0.714*	0.099	-0.073	0.255	0.009
QID7_10	0.660*	0.095	0.119	0.092	0.205*
QID11_1	0.647*	0.051	-0.006	0.045	0.215*
QID11_2	0.681*	0.129	0.013	0.217	0.018
QID11_3	0.599*	0.185	-0.015	0.196	0.025
QID11_4	0.858*	-0.029	-0.422*	0.055	-0.101
QID11_5	0.652	0.189	-0.139	0.285	-0.083
QID11_6	0.670*	0.190	-0.061	-0.042	-0.109
QID11_7	0.816*	0.055	-0.029	0.073	-0.153
QID11_8	0.685*	0.062	0.284*	0.002	-0.009
QID11_9	0.933*	0.006	0.020	-0.200	-0.314
QID11_10	0.818*	0.069	-0.045	-0.123	-0.115
QID12_1	0.256	0.704	-0.130	-0.183	0.059
QID12_2	0.444*	0.480*	0.040	-0.106	-0.042
QID12_3	0.000	0.877*	-0.047	-0.169	-0.044
QID13_1	-0.079	0.953*	-0.015	-0.205	0.075
QID12_4	0.425	0.412	0.185	-0.063	-0.082
QID12_6	0.302	0.443	0.146	0.188	0.044
QID12_7	0.110	0.683	-0.063	0.146	0.059
QID12_8	0.276	0.544	-0.011	0.070	0.122
QID12_9	0.057	0.600	0.207	0.179	0.033
QID13_2	0.040	0.576	0.346	0.264	-0.010
QID13_3	0.154	0.597	0.304	0.060	-0.077
QID13_4	0.173	0.625	0.131	0.088	0.016
QID13_5	0.368*	0.311	0.436*	-0.010	-0.016
QID13_6	0.039	0.801	0.014	0.089	-0.080
QID13_7	-0.055	0.881	0.115	0.047	-0.086
QID13_8	-0.027	0.810	0.158	0.042	-0.159

QID13_10	0.008	0.777*	0.028	-0.003	0.357*
QID13_11	0.171	0.660*	0.012	0.030	0.083
QID13_13	0.050	0.840	-0.092	-0.171	0.249

GEOMIN FACTOR CORRELATIONS (* significant at 5% level)

	1	2	3	4	5
1	1.000				
2	0.860*	1.000			
3	0.307	0.234	1.000		
4	0.244	0.301	0.136	1.000	
5	0.188	0.080	0.118	-0.020	1.000

ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
0.218	0.300	0.206	0.245	0.248

ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
0.308	0.265	0.222	0.231	0.406

ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
0.220	0.301	0.336	0.196	0.356

ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
0.257	0.247	0.176	0.312	0.222

ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
0.237	0.310	0.271	0.274	0.272

ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
0.316	0.301	0.350	0.216	0.232

ESTIMATED RESIDUAL VARIANCES

QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
0.268	0.229	0.249	0.226	0.275

ESTIMATED RESIDUAL VARIANCES

QID13_10	QID13_11	QID13_13
0.200	0.298	0.211

S.E. GEOMIN ROTATED LOADINGS

	1	2	3	4	5
QID7_1	0.146	0.174	0.182	0.167	0.135
QID7_3	0.209	0.199	0.113	0.083	0.090
QID7_4	0.193	0.150	0.170	0.171	0.148
QID7_5	0.182	0.356	0.083	0.090	0.084
QID7_6	0.148	0.320	0.079	0.238	0.082
QID7_7	0.192	0.650	0.263	0.314	0.079
QID7_8	0.151	0.272	0.225	0.092	0.163
QID7_9	0.242	0.853	0.329	0.532	0.070
QID7_10	0.177	0.383	0.096	0.113	0.069
QID11_1	0.210	0.220	0.092	0.188	0.098
QID11_2	0.249	0.846	0.289	0.451	0.068
QID11_3	0.234	0.739	0.266	0.468	0.072
QID11_4	0.180	0.074	0.081	0.791	0.175
QID11_5	0.352	1.035	0.404	0.782	0.088
QID11_6	0.211	0.221	0.071	0.456	0.182
QID11_7	0.199	0.517	0.180	0.514	0.116
QID11_8	0.175	0.465	0.136	0.086	0.061
QID11_9	0.139	0.086	0.109	0.395	0.238
QID11_10	0.158	0.147	0.145	0.396	0.197
QID12_1	0.265	0.519	0.204	0.631	0.256
QID12_2	0.213	0.195	0.089	0.411	0.156
QID12_3	0.099	0.263	0.071	0.639	0.220
QID13_1	0.132	0.440	0.104	0.508	0.247
QID12_4	0.243	0.344	0.151	0.281	0.106
QID12_6	0.208	0.847	0.392	0.356	0.100
QID12_7	0.167	0.508	0.333	0.607	0.102
QID12_8	0.266	0.388	0.156	0.460	0.118
QID12_9	0.137	0.883	0.480	0.276	0.106
QID13_2	0.159	1.316	0.629	0.251	0.118
QID13_3	0.130	0.740	0.404	0.196	0.081
QID13_4	0.151	0.585	0.329	0.354	0.079
QID13_5	0.187	0.608	0.207	0.138	0.063
QID13_6	0.109	0.566	0.374	0.623	0.106
QID13_7	0.112	0.589	0.357	0.571	0.121
QID13_8	0.095	0.643	0.409	0.500	0.108
QID13_10	0.079	0.123	0.059	0.268	0.171
QID13_11	0.150	0.269	0.155	0.481	0.108
QID13_13	0.179	0.577	0.219	0.436	0.268

S.E. GEOMIN FACTOR CORRELATIONS

	1	2	3	4	5
1	0.000				
2	0.044	0.000			
3	0.963	0.949	0.000		
4	1.224	1.421	0.486	0.000	
5	0.286	0.376	0.251	0.161	0.000

S.E. ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
0.035	0.047	0.035	0.035	0.040

S.E. ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
0.047	0.046	0.048	0.041	0.065

S.E. ESTIMATED RESIDUAL VARIANCES				
QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
<u>0.041</u>	<u>0.043</u>	<u>0.057</u>	<u>0.066</u>	<u>0.048</u>

S.E. ESTIMATED RESIDUAL VARIANCES				
QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
<u>0.050</u>	<u>0.036</u>	<u>0.060</u>	<u>0.053</u>	<u>0.043</u>

S.E. ESTIMATED RESIDUAL VARIANCES				
QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
<u>0.033</u>	<u>0.061</u>	<u>0.061</u>	<u>0.046</u>	<u>0.049</u>

S.E. ESTIMATED RESIDUAL VARIANCES				
QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
<u>0.062</u>	<u>0.045</u>	<u>0.054</u>	<u>0.051</u>	<u>0.038</u>

S.E. ESTIMATED RESIDUAL VARIANCES				
QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
<u>0.033</u>	<u>0.045</u>	<u>0.040</u>	<u>0.036</u>	<u>0.045</u>

S.E. ESTIMATED RESIDUAL VARIANCES		
QID13_10	QID13_11	QID13_13
<u>0.052</u>	<u>0.040</u>	<u>0.046</u>

	Est./S.E. GEOMIN ROTATED LOADINGS				
	1	2	3	4	5
QID7_1	<u>5.358</u>	<u>0.098</u>	<u>0.842</u>	<u>-0.589</u>	<u>1.191</u>
QID7_3	<u>4.286</u>	<u>-0.750</u>	<u>0.328</u>	<u>0.353</u>	<u>1.779</u>
QID7_4	<u>5.621</u>	<u>-1.416</u>	<u>-0.263</u>	<u>-0.286</u>	<u>0.211</u>
QID7_5	<u>5.489</u>	<u>-0.653</u>	<u>1.402</u>	<u>0.503</u>	<u>0.435</u>
QID7_6	<u>5.162</u>	<u>-0.250</u>	<u>4.128</u>	<u>-0.102</u>	<u>0.799</u>
QID7_7	<u>3.519</u>	<u>0.148</u>	<u>0.058</u>	<u>0.540</u>	<u>0.410</u>
QID7_8	<u>4.280</u>	<u>0.515</u>	<u>0.186</u>	<u>-0.799</u>	<u>1.622</u>
QID7_9	<u>2.952</u>	<u>0.116</u>	<u>-0.221</u>	<u>0.479</u>	<u>0.130</u>
QID7_10	<u>3.724</u>	<u>0.249</u>	<u>1.242</u>	<u>0.818</u>	<u>2.972</u>
QID11_1	<u>3.081</u>	<u>0.233</u>	<u>-0.061</u>	<u>0.242</u>	<u>2.199</u>
QID11_2	<u>2.732</u>	<u>0.152</u>	<u>0.047</u>	<u>0.482</u>	<u>0.265</u>
QID11_3	<u>2.555</u>	<u>0.250</u>	<u>-0.056</u>	<u>0.418</u>	<u>0.352</u>
QID11_4	<u>4.768</u>	<u>-0.386</u>	<u>-5.243</u>	<u>0.070</u>	<u>-0.580</u>
QID11_5	<u>1.852</u>	<u>0.182</u>	<u>-0.344</u>	<u>0.364</u>	<u>-0.942</u>
QID11_6	<u>3.181</u>	<u>0.860</u>	<u>-0.855</u>	<u>-0.092</u>	<u>-0.602</u>
QID11_7	<u>4.092</u>	<u>0.106</u>	<u>-0.163</u>	<u>0.142</u>	<u>-1.324</u>
QID11_8	<u>3.914</u>	<u>0.134</u>	<u>2.094</u>	<u>0.021</u>	<u>-0.157</u>
QID11_9	<u>6.714</u>	<u>0.071</u>	<u>0.186</u>	<u>-0.506</u>	<u>-1.321</u>
QID11_10	<u>5.188</u>	<u>0.470</u>	<u>-0.311</u>	<u>-0.310</u>	<u>-0.583</u>
QID12_1	<u>0.966</u>	<u>1.355</u>	<u>-0.639</u>	<u>-0.289</u>	<u>0.231</u>
QID12_2	<u>2.086</u>	<u>2.460</u>	<u>0.447</u>	<u>-0.257</u>	<u>-0.269</u>
QID12_3	<u>0.000</u>	<u>3.341</u>	<u>-0.669</u>	<u>-0.265</u>	<u>-0.200</u>
QID13_1	<u>-0.596</u>	<u>2.166</u>	<u>-0.147</u>	<u>-0.403</u>	<u>0.302</u>
QID12_4	<u>1.748</u>	<u>1.195</u>	<u>1.231</u>	<u>-0.224</u>	<u>-0.775</u>
QID12_6	<u>1.450</u>	<u>0.523</u>	<u>0.373</u>	<u>0.529</u>	<u>0.439</u>

QID12_7	0.659	1.344	-0.189	0.240	0.585
QID12_8	1.036	1.401	-0.069	0.152	1.035
QID12_9	0.419	0.680	0.432	0.649	0.308
QID13_2	0.254	0.437	0.550	1.052	-0.085
QID13_3	1.185	0.806	0.753	0.308	-0.941
QID13_4	1.150	1.069	0.397	0.249	0.208
QID13_5	1.966	0.511	2.109	-0.076	-0.257
QID13_6	0.360	1.414	0.038	0.144	-0.756
QID13_7	-0.494	1.496	0.323	0.082	-0.711
QID13_8	-0.284	1.259	0.385	0.085	-1.477
QID13_10	0.103	6.321	0.485	-0.012	2.091
QID13_11	1.139	2.455	0.078	0.063	0.775
QID13_13	0.279	1.455	-0.420	-0.391	0.928

Est./S.E. GEOMIN FACTOR CORRELATIONS

	1	2	3	4	5
1	0.000				
2	19.404	0.000			
3	0.319	0.246	0.000		
4	0.199	0.212	0.280	0.000	
5	0.658	0.213	0.470	-0.125	0.000

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
6.273	6.417	5.880	6.973	6.172

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
6.547	5.727	4.645	5.596	6.243

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
5.378	7.055	5.940	2.946	7.335

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
5.186	6.904	2.925	5.917	5.213

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
7.120	5.064	4.447	5.957	5.562

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
5.126	6.651	6.520	4.258	6.069

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID13_4	QID13_5	QID13_6	QID13_7	QID13_8

H1 Value -7791.484
 H1 Scaling Correction Factor 1.3812
 for MLR

Information Criteria

Akaike (AIC) 17092.373
 Bayesian (BIC) 18033.789
 Sample-Size Adjusted BIC 17118.326
 (n* = (n + 2) / 24)

Chi-Square Test of Model Fit

Value 880.819*
 Degrees of Freedom 490
 P-Value 0.0000
 Scaling Correction Factor 1.0574
 for MLR

* The chi-square value for MLM, MLMV, MLR, ULSMV, WLSM and WLSMV cannot be used for chi-square difference testing in the regular way. MLM, MLR and WLSM chi-square difference testing is described on the Mplus website. MLMV, WLSMV, and ULSMV difference testing is done using the DIFFTEST option.

RMSEA (Root Mean Square Error Of Approximation)

Estimate 0.064
 90 Percent C.I. 0.058 0.071
 Probability RMSEA <= .05 0.000

CFI/TLI

CFI 0.929
 TLI 0.898

Chi-Square Test of Model Fit for the Baseline Model

Value 6189.063
 Degrees of Freedom 703
 P-Value 0.0000

SRMR (Standardized Root Mean Square Residual)

Value 0.020

MINIMUM ROTATION FUNCTION VALUE 1.33049

GEOMIN ROTATED LOADINGS (* significant at 5% level)

	1	2	3	4	5
QID7_1	0.747*	0.107	-0.173	0.091	0.068
QID7_3	0.823*	-0.058	-0.037	-0.004	0.126
QID7_4	1.020*	-0.116	-0.041	-0.091	0.045
QID7_5	0.929*	-0.101	-0.060	0.069	0.148
QID7_6	0.761*	-0.098	-0.031	0.313*	-0.028
QID7_7	0.595*	0.206	0.064	-0.007	0.220
QID7_8	0.634*	0.077	-0.013	0.034	-0.039
QID7_9	0.623*	0.145	0.222	-0.052	0.186
QID7_10	0.609*	0.109	0.034	0.114	0.116
QID11_1	0.604*	0.030	0.060	-0.004	0.050

QID11_2	0.641*	0.037	0.293	0.076	0.038
QID11_3	0.553*	0.132	0.241	0.029	0.067
QID11_4	0.776*	-0.001	0.212	-0.405*	-0.014
QID11_5	0.611	0.048	0.457*	-0.049	0.014
QID11_6	0.638*	0.202	0.060	-0.059	-0.060
QID11_7	0.795*	-0.028	0.243	0.022	-0.101
QID11_8	0.689*	0.015	0.034	0.297*	-0.052
QID11_9	0.922*	0.051	-0.037	-0.001	-0.200
QID11_10	0.803*	0.052	0.042	-0.051	-0.152
QID12_1	0.272	0.606	0.013	-0.122	-0.186
QID12_2	0.425*	0.530	-0.076	0.006	-0.031
QID12_3	0.026	0.804*	-0.012	-0.041	-0.163
QID13_1	-0.040	0.839	-0.042	-0.001	-0.179
QID12_4	0.453	0.314	0.060	0.216	-0.150
QID12_6	0.298	0.291	0.262	0.229*	-0.003
QID12_7	0.053	0.722*	0.095	-0.061	0.167
QID12_8	0.273	0.388	0.207	0.052	-0.064
QID12_9	0.021	0.631	0.063	0.223	0.190
QID13_2	0.054	0.400	0.287	0.459	0.035
QID13_3	0.146	0.635	-0.025	0.302	0.091
QID13_4	0.132	0.703	-0.020	0.112	0.166
QID13_5	0.399*	0.259	-0.024	0.435*	-0.035
QID13_6	-0.029	0.949*	-0.013	-0.026	0.195
QID13_7	-0.040	0.817*	0.094	0.141	-0.010
QID13_8	-0.017	0.783*	0.065	0.179	-0.004
QID13_10	0.013	0.648	0.041	0.049	0.015
QID13_11	0.158	0.616*	0.069	0.022	0.021
QID13_13	0.057	0.786	-0.091	-0.116	-0.048

GEOMIN ROTATED LOADINGS (* significant at 5% level)

6

QID7_1	0.145
QID7_3	0.140
QID7_4	0.031
QID7_5	-0.001
QID7_6	0.075
QID7_7	-0.003
QID7_8	0.309
QID7_9	0.002
QID7_10	0.202
QID11_1	0.233
QID11_2	0.058
QID11_3	0.053
QID11_4	-0.050
QID11_5	-0.023
QID11_6	-0.069
QID11_7	-0.091
QID11_8	0.011
QID11_9	-0.263
QID11_10	-0.058
QID12_1	0.148
QID12_2	-0.023
QID12_3	0.030
QID13_1	0.158
QID12_4	-0.026
QID12_6	0.097
QID12_7	0.059
QID12_8	0.198
QID12_9	0.003
QID13_2	0.023
QID13_3	-0.098
QID13_4	-0.007

QID13_5 -0.009
 QID13_6 -0.120
 QID13_7 -0.050
 QID13_8 -0.136
 QID13_10 0.412
 QID13_11 0.114
 QID13_13 0.300

GEOMIN FACTOR CORRELATIONS (* significant at 5% level)

	1	2	3	4	5
1	1.000				
2	0.839*	1.000			
3	0.387	0.511	1.000		
4	0.378	0.319	0.134	1.000	
5	0.084	0.002	0.116	0.172	1.000
6	0.341	0.251	0.074	0.193	0.066

GEOMIN FACTOR CORRELATIONS (* significant at 5% level)

	6
6	1.000

ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
0.205	0.293	0.198	0.223	0.251

ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
0.283	0.258	0.218	0.232	0.408

ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
0.212	0.300	0.341	0.164	0.357

ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
0.241	0.242	0.179	0.308	0.213

ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
0.230	0.307	0.267	0.261	0.255

ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
0.300	0.281	0.331	0.187	0.217

ESTIMATED RESIDUAL VARIANCES

QID13_4	QID13_5	QID13_6	QID13_7	QID13_8

	0.241	0.234	0.179	0.228	0.276
ESTIMATED RESIDUAL VARIANCES					
	QID13_10	QID13_11	QID13_13		
	0.194	0.298	0.214		
S.E. GEOMIN ROTATED LOADINGS					
	1	2	3	4	5
QID7_1	0.249	0.423	0.182	0.187	0.261
QID7_3	0.218	0.258	0.152	0.071	0.139
QID7_4	0.186	0.402	0.290	0.170	0.436
QID7_5	0.226	0.403	0.152	0.183	0.394
QID7_6	0.138	0.133	0.134	0.118	0.105
QID7_7	0.230	0.405	0.168	0.140	0.190
QID7_8	0.136	0.384	0.196	0.106	0.143
QID7_9	0.179	0.281	0.284	0.073	0.302
QID7_10	0.172	0.172	0.261	0.070	0.310
QID11_1	0.200	0.176	0.277	0.111	0.394
QID11_2	0.243	0.151	0.179	0.118	0.253
QID11_3	0.196	0.187	0.156	0.087	0.182
QID11_4	0.208	0.078	0.184	0.102	0.145
QID11_5	0.328	0.139	0.231	0.097	0.159
QID11_6	0.172	0.219	0.252	0.117	0.349
QID11_7	0.173	0.147	0.293	0.058	0.305
QID11_8	0.139	0.106	0.095	0.091	0.133
QID11_9	0.116	0.140	0.179	0.045	0.536
QID11_10	0.170	0.216	0.128	0.117	0.214
QID12_1	0.319	0.446	0.123	0.133	0.395
QID12_2	0.202	0.307	0.301	0.092	0.309
QID12_3	0.103	0.301	0.162	0.096	0.345
QID13_1	0.100	0.498	0.290	0.129	0.345
QID12_4	0.258	0.297	0.111	0.129	0.196
QID12_6	0.196	0.459	0.322	0.103	0.179
QID12_7	0.196	0.368	0.243	0.139	0.284
QID12_8	0.331	0.320	0.172	0.101	0.328
QID12_9	0.171	0.445	0.190	0.257	0.278
QID13_2	0.109	0.487	0.398	0.241	0.195
QID13_3	0.226	0.432	0.213	0.242	0.427
QID13_4	0.289	0.502	0.131	0.234	0.273
QID13_5	0.164	0.150	0.070	0.088	0.140
QID13_6	0.136	0.302	0.258	0.146	0.347
QID13_7	0.080	0.227	0.198	0.146	0.207
QID13_8	0.076	0.176	0.121	0.124	0.222
QID13_10	0.071	0.546	0.216	0.149	0.231
QID13_11	0.153	0.172	0.149	0.062	0.273
QID13_13	0.192	0.431	0.132	0.144	0.279

S.E. GEOMIN ROTATED LOADINGS
6

QID7_1	0.094
QID7_3	0.152
QID7_4	0.158
QID7_5	0.121
QID7_6	0.098
QID7_7	0.170
QID7_8	0.258
QID7_9	0.202

QID7_10	0.168
QID11_1	0.134
QID11_2	0.071
QID11_3	0.089
QID11_4	0.225
QID11_5	0.135
QID11_6	0.311
QID11_7	0.285
QID11_8	0.078
QID11_9	0.394
QID11_10	0.335
QID12_1	0.451
QID12_2	0.134
QID12_3	0.443
QID13_1	0.539
QID12_4	0.219
QID12_6	0.152
QID12_7	0.100
QID12_8	0.258
QID12_9	0.123
QID13_2	0.092
QID13_3	0.110
QID13_4	0.081
QID13_5	0.058
QID13_6	0.146
QID13_7	0.264
QID13_8	0.203
QID13_10	0.361
QID13_11	0.152
QID13_13	0.421

S.E. GEOMIN FACTOR CORRELATIONS

	1	2	3	4	5
1	0.000				
2	0.062	0.000			
3	0.531	0.429	0.000		
4	0.261	0.213	0.271	0.000	
5	0.626	0.627	0.458	0.178	0.000
6	0.493	0.519	0.329	0.277	0.248

S.E. GEOMIN FACTOR CORRELATIONS

	6
6	0.000

S.E. ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
0.066	0.054	0.090	0.080	0.059

S.E. ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
0.064	0.053	0.070	0.048	0.066

S.E. ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6

0.073 0.046 0.057 0.106 0.050

S.E. ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
<u>0.074</u>	<u>0.041</u>	<u>0.058</u>	<u>0.049</u>	<u>0.074</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
<u>0.071</u>	<u>0.064</u>	<u>0.065</u>	<u>0.063</u>	<u>0.076</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
<u>0.079</u>	<u>0.059</u>	<u>0.064</u>	<u>0.143</u>	<u>0.069</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
<u>0.086</u>	<u>0.060</u>	<u>0.148</u>	<u>0.035</u>	<u>0.045</u>

S.E. ESTIMATED RESIDUAL VARIANCES

QID13_10	QID13_11	QID13_13
<u>0.092</u>	<u>0.040</u>	<u>0.045</u>

Est./S.E. GEOMIN ROTATED LOADINGS

	1	2	3	4	5
QID7_1	<u>3.003</u>	<u>0.252</u>	<u>-0.948</u>	<u>0.487</u>	<u>0.260</u>
QID7_3	3.773	-0.224	-0.242	-0.051	0.910
QID7_4	5.490	-0.289	-0.143	-0.537	0.103
QID7_5	4.120	-0.250	-0.395	0.379	0.377
QID7_6	5.506	-0.737	-0.234	2.653	-0.269
QID7_7	2.585	0.508	0.381	-0.050	1.155
QID7_8	4.667	0.201	-0.068	0.321	-0.270
QID7_9	3.476	0.516	0.782	-0.707	0.617
QID7_10	3.540	0.632	0.129	1.628	0.373
QID11_1	3.012	0.170	0.215	-0.033	0.127
QID11_2	2.642	0.242	1.635	0.642	0.151
QID11_3	2.819	0.705	1.548	0.329	0.370
QID11_4	3.731	-0.017	1.152	-3.989	-0.098
QID11_5	1.861	0.343	1.980	-0.505	0.090
QID11_6	3.700	0.923	0.239	-0.504	-0.172
QID11_7	4.586	-0.190	0.828	0.379	-0.333
QID11_8	4.963	0.139	0.355	3.276	-0.394
QID11_9	7.978	0.366	-0.204	-0.019	-0.374
QID11_10	4.733	0.239	0.326	-0.439	-0.710
QID12_1	0.852	1.357	0.106	-0.920	-0.471
QID12_2	2.101	1.729	-0.253	0.069	-0.099
QID12_3	0.251	2.675	-0.072	-0.426	-0.473
QID13_1	-0.398	1.685	-0.147	-0.008	-0.520
QID12_4	1.758	1.058	0.540	1.677	-0.766
QID12_6	1.521	0.635	0.813	2.229	-0.015
QID12_7	0.269	1.961	0.390	-0.437	0.586
QID12_8	0.824	1.213	1.201	0.519	-0.195
QID12_9	0.121	1.419	0.330	0.868	0.684

QID13_2	0.501	0.821	0.721	1.903	0.180
QID13_3	0.644	1.471	-0.115	1.246	0.214
QID13_4	0.457	1.399	-0.153	0.476	0.608
QID13_5	2.435	1.726	-0.344	4.938	-0.249
QID13_6	-0.216	3.146	-0.050	-0.179	0.561
QID13_7	-0.497	3.604	0.476	0.971	-0.048
QID13_8	-0.229	4.462	0.539	1.443	-0.016
QID13_10	0.180	1.187	0.191	0.331	0.066
QID13_11	1.035	3.591	0.466	0.365	0.077
QID13_13	0.299	1.822	-0.687	-0.802	-0.172

Est./S.E. GEOMIN ROTATED LOADINGS
6

QID7_1	1.548
QID7_3	0.920
QID7_4	0.194
QID7_5	-0.011
QID7_6	0.761
QID7_7	-0.019
QID7_8	1.199
QID7_9	0.009
QID7_10	1.200
QID11_1	1.734
QID11_2	0.818
QID11_3	0.597
QID11_4	-0.221
QID11_5	-0.167
QID11_6	-0.222
QID11_7	-0.321
QID11_8	0.141
QID11_9	-0.667
QID11_10	-0.172
QID12_1	0.328
QID12_2	-0.170
QID12_3	0.067
QID13_1	0.293
QID12_4	-0.118
QID12_6	0.640
QID12_7	0.593
QID12_8	0.766
QID12_9	0.026
QID13_2	0.253
QID13_3	-0.893
QID13_4	-0.088
QID13_5	-0.155
QID13_6	-0.820
QID13_7	-0.188
QID13_8	-0.667
QID13_10	1.141
QID13_11	0.752
QID13_13	0.711

Est./S.E. GEOMIN FACTOR CORRELATIONS

	1	2	3	4	5
1	0.000				
2	13.536	0.000			
3	0.729	1.191	0.000		
4	1.446	1.494	0.493	0.000	
5	0.134	0.003	0.254	0.966	0.000
6	0.690	0.483	0.225	0.697	0.268

Est./S.E. GEOMIN FACTOR CORRELATIONS
6

6 0.000

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID7_1	QID7_3	QID7_4	QID7_5	QID7_6
<u>3.103</u>	<u>5.453</u>	<u>2.210</u>	<u>2.793</u>	<u>4.254</u>

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID7_7	QID7_8	QID7_9	QID7_10	QID11_1
<u>4.423</u>	<u>4.899</u>	<u>3.098</u>	<u>4.815</u>	<u>6.213</u>

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID11_2	QID11_3	QID11_4	QID11_5	QID11_6
<u>2.890</u>	<u>6.545</u>	<u>5.999</u>	<u>1.541</u>	<u>7.102</u>

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID11_7	QID11_8	QID11_9	QID11_10	QID12_1
<u>3.259</u>	<u>5.912</u>	<u>3.115</u>	<u>6.271</u>	<u>2.900</u>

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID12_2	QID12_3	QID13_1	QID12_4	QID12_6
3.225	4.776	4.139	4.136	3.365 ⁻

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID12_7	QID12_8	QID12_9	QID13_2	QID13_3
3.778	4.733	5.194	1.312	3.139 ⁻

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID13_4	QID13_5	QID13_6	QID13_7	QID13_8
<u>2.820</u>	<u>3.901</u>	<u>1.211</u>	<u>6.454</u>	<u>6.127</u>

Est./S.E. ESTIMATED RESIDUAL VARIANCES

QID13_10	QID13_11	QID13_13
<u>2.117</u>	<u>7.390</u>	<u>4.743</u>

FACTOR STRUCTURE

	1	2	3	4	5
QID7_1	<u>0.860</u>	<u>0.711</u>	<u>0.202</u>	<u>0.424</u>	<u>0.136</u>
QID7_3	0.817	0.648	0.277	0.333	0.200
QID7_4	0.886	0.697	0.289	0.265	0.112
QID7_5	0.860	0.670	0.275	0.406	0.231
QID7_6	0.809	0.643	0.257	0.575	0.091

QID7_7	0.807	0.735	0.424	0.329	0.276
QID7_8	0.809	0.691	0.295	0.350	0.039
QID7_9	0.827	0.765	0.552	0.292	0.256
QID7_10	0.834	0.724	0.368	0.442	0.204
QID11_1	0.734	0.624	0.331	0.296	0.122
QID11_2	0.837	0.763	0.579	0.387	0.143
QID11_3	0.791	0.741	0.538	0.334	0.150
QID11_4	0.686	0.616	0.453	-0.096	0.002
QID11_5	0.803	0.772	0.711	0.256	0.109
QID11_6	0.780	0.731	0.390	0.231	-0.014
QID11_7	0.834	0.746	0.520	0.311	-0.009
QID11_8	0.826	0.707	0.342	0.560	0.061
QID11_9	0.844	0.739	0.303	0.273	-0.145
QID11_10	0.811	0.715	0.350	0.237	-0.092
QID12_1	0.774	0.838	0.400	0.172	-0.172
QID12_2	0.832	0.844	0.355	0.316	-0.003
QID12_3	0.677	0.814	0.387	0.201	-0.166
QID13_1	0.686	0.823	0.361	0.245	-0.175
QID12_4	0.800	0.787	0.405	0.465	-0.069
QID12_6	0.764	0.773	0.564	0.488	0.099
QID12_7	0.706	0.811	0.500	0.242	0.177
QID12_8	0.760	0.788	0.525	0.334	0.006
QID12_9	0.675	0.753	0.445	0.473	0.239
QID13_2	0.685	0.744	0.579	0.655	0.154
QID13_3	0.758	0.817	0.400	0.553	0.147
QID13_4	0.768	0.838	0.424	0.410	0.195
QID13_5	0.766	0.718	0.316	0.658	0.071
QID13_6	0.727	0.879	0.470	0.274	0.180
QID13_7	0.718	0.864	0.510	0.388	0.020
QID13_8	0.686	0.825	0.472	0.404	0.026
QID13_10	0.732	0.799	0.416	0.348	0.058
QID13_11	0.751	0.820	0.459	0.314	0.055
QID13_13	0.736	0.826	0.334	0.194	-0.052

FACTOR STRUCTURE
6

QID7_1	0.436
QID7_3	0.411
QID7_4	0.331
QID7_5	0.309
QID7_6	0.366
QID7_7	0.269
QID7_8	0.547
QID7_9	0.269
QID7_10	0.469
QID11_1	0.453
QID11_2	0.325
QID11_3	0.302
QID11_4	0.151
QID11_5	0.223
QID11_6	0.188
QID11_7	0.188
QID11_8	0.306
QID11_9	0.048
QID11_10	0.212
QID12_1	0.357
QID12_2	0.248
QID12_3	0.221
QID13_1	0.340
QID12_4	0.244
QID12_6	0.335
QID12_7	0.265

QID12_8	0.409
QID12_9	0.229
QID13_2	0.254
QID13_3	0.174
QID13_4	0.245
QID13_5	0.272
QID13_6	0.115
QID13_7	0.175
QID13_8	0.094
QID13_10	0.593
QID13_11	0.333
QID13_13	0.484

DIAGRAM INFORMATION

Mplus diagrams are currently not available for EFA.
No diagram output was produced.

Beginning Time: 09:53:31
Ending Time: 09:53:51
Elapsed Time: 00:00:20

MUTHEN & MUTHEN
3463 Stoner Ave.
Los Angeles, CA 90066

Tel: (310) 391-9971
Fax: (310) 391-8971
Web: www.StatModel.com
Support: Support@StatModel.com

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