

Mplus VERSION 8
MUTHEN & MUTHEN
02/26/2020 3:47 PM

INPUT INSTRUCTIONS

```
title: CFA 2-13-2020 2 corr error
data: file is CFA Sample.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_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_3 QID13_1
QID12_7 QID12_8 QID12_9
QID13_2 QID13_3 QID13_4 QID13_6 QID13_7
QID13_8 QID13_10 QID13_11
QID13_13;
Missing are all (-99);
Model:
CCR by QID7_1 QID7_3 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_3 QID13_1
QID12_7 QID12_8 QID12_9
QID13_2 QID13_3 QID13_4 QID13_6 QID13_7
QID13_8 QID13_10 QID13_11
QID13_13;
QID11_9 with QID11_6;
QID13_10 with QID13_13;
Analysis:
Estimator= MLR;
Output: MODINDICES; STDYX;
```

INPUT READING TERMINATED NORMALLY

CFA 2-13-2020 2 corr error

SUMMARY OF ANALYSIS

Number of groups	1
Number of observations	266
Number of dependent variables	33
Number of independent variables	0

Number of continuous latent variables 1

Observed dependent variables

Continuous

QID7_1	QID7_3	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_3	QID13_1	QID12_7	QID12_8	QID12_9
QID13_2	QID13_3	QID13_4	QID13_6	QID13_7	QID13_8
QID13_10	QID13_11	QID13_13			

Continuous latent variables

CCR

Estimator	MLR
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

Input data file(s)

CFA Sample.csv

Input data format FREE

SUMMARY OF DATA

Number of missing data patterns 18

COVARIANCE COVERAGE OF DATA

Minimum covariance coverage value 0.100

PROPORTION OF DATA PRESENT

	Covariance Coverage				
	QID7_1	QID7_3	QID7_5	QID7_6	QID7_7
QID7_1	1.000				
QID7_3	1.000	1.000			
QID7_5	0.996	0.996	0.996		
QID7_6	1.000	1.000	0.996	1.000	
QID7_7	1.000	1.000	0.996	1.000	1.000
QID7_8	0.989	0.989	0.985	0.989	0.989
QID7_9	0.992	0.992	0.989	0.992	0.992
QID7_10	0.996	0.996	0.992	0.996	0.996
QID11_1	1.000	1.000	0.996	1.000	1.000
QID11_2	1.000	1.000	0.996	1.000	1.000
QID11_3	0.996	0.996	0.992	0.996	0.996
QID11_4	0.996	0.996	0.992	0.996	0.996
QID11_5	1.000	1.000	0.996	1.000	1.000
QID11_6	1.000	1.000	0.996	1.000	1.000
QID11_7	0.996	0.996	0.992	0.996	0.996
QID11_8	0.992	0.992	0.989	0.992	0.992
QID11_9	0.996	0.996	0.992	0.996	0.996
QID11_10	0.996	0.996	0.992	0.996	0.996

QID12_1	0.966	0.966	0.962	0.966	0.966
QID12_3	0.966	0.966	0.962	0.966	0.966
QID13_1	0.966	0.966	0.962	0.966	0.966
QID12_7	0.959	0.959	0.955	0.959	0.959
QID12_8	0.962	0.962	0.959	0.962	0.962
QID12_9	0.981	0.981	0.977	0.981	0.981
QID13_2	0.981	0.981	0.977	0.981	0.981
QID13_3	0.981	0.981	0.977	0.981	0.981
QID13_4	0.981	0.981	0.977	0.981	0.981
QID13_6	0.977	0.977	0.974	0.977	0.977
QID13_7	0.977	0.977	0.974	0.977	0.977
QID13_8	0.981	0.981	0.977	0.981	0.981
QID13_10	0.981	0.981	0.977	0.981	0.981
QID13_11	0.977	0.977	0.974	0.977	0.977
QID13_13	0.977	0.977	0.974	0.977	0.977

	Covariance Coverage				
	QID7_8	QID7_9	QID7_10	QID11_1	QID11_2
QID7_8	0.989				
QID7_9	0.985	0.992			
QID7_10	0.985	0.992	0.996		
QID11_1	0.989	0.992	0.996	1.000	
QID11_2	0.989	0.992	0.996	1.000	1.000
QID11_3	0.985	0.989	0.992	0.996	0.996
QID11_4	0.985	0.989	0.992	0.996	0.996
QID11_5	0.989	0.992	0.996	1.000	1.000
QID11_6	0.989	0.992	0.996	1.000	1.000
QID11_7	0.985	0.989	0.992	0.996	0.996
QID11_8	0.981	0.985	0.989	0.992	0.992
QID11_9	0.985	0.989	0.992	0.996	0.996
QID11_10	0.985	0.989	0.992	0.996	0.996
QID12_1	0.955	0.959	0.962	0.966	0.966
QID12_3	0.955	0.959	0.962	0.966	0.966
QID13_1	0.955	0.959	0.962	0.966	0.966
QID12_7	0.947	0.951	0.955	0.959	0.959
QID12_8	0.951	0.955	0.959	0.962	0.962
QID12_9	0.970	0.974	0.977	0.981	0.981
QID13_2	0.970	0.974	0.977	0.981	0.981
QID13_3	0.970	0.974	0.977	0.981	0.981
QID13_4	0.970	0.974	0.977	0.981	0.981
QID13_6	0.966	0.970	0.974	0.977	0.977
QID13_7	0.966	0.970	0.974	0.977	0.977
QID13_8	0.970	0.974	0.977	0.981	0.981
QID13_10	0.970	0.974	0.977	0.981	0.981
QID13_11	0.966	0.970	0.974	0.977	0.977
QID13_13	0.966	0.970	0.974	0.977	0.977

	Covariance Coverage				
	QID11_3	QID11_4	QID11_5	QID11_6	QID11_7
QID11_3	0.996				
QID11_4	0.992	0.996			
QID11_5	0.996	0.996	1.000		
QID11_6	0.996	0.996	1.000	1.000	
QID11_7	0.992	0.992	0.996	0.996	0.996
QID11_8	0.989	0.989	0.992	0.992	0.989
QID11_9	0.992	0.992	0.996	0.996	0.996
QID11_10	0.992	0.992	0.996	0.996	0.992
QID12_1	0.962	0.962	0.966	0.966	0.962
QID12_3	0.962	0.962	0.966	0.966	0.962
QID13_1	0.962	0.962	0.966	0.966	0.962

QID12_7	0.955	0.955	0.959	0.959	0.955
QID12_8	0.959	0.959	0.962	0.962	0.959
QID12_9	0.977	0.977	0.981	0.981	0.977
QID13_2	0.977	0.977	0.981	0.981	0.977
QID13_3	0.977	0.977	0.981	0.981	0.977
QID13_4	0.977	0.977	0.981	0.981	0.977
QID13_6	0.974	0.974	0.977	0.977	0.974
QID13_7	0.974	0.974	0.977	0.977	0.974
QID13_8	0.977	0.977	0.981	0.981	0.977
QID13_10	0.977	0.977	0.981	0.981	0.977
QID13_11	0.974	0.974	0.977	0.977	0.974
QID13_13	0.974	0.974	0.977	0.977	0.974

	Covariance Coverage				
	QID11_8	QID11_9	QID11_10	QID12_1	QID12_3
QID11_8	0.992				
QID11_9	0.989	0.996			
QID11_10	0.989	0.992	0.996		
QID12_1	0.959	0.962	0.962	0.966	
QID12_3	0.959	0.962	0.962	0.966	0.966
QID13_1	0.959	0.962	0.962	0.966	0.966
QID12_7	0.951	0.955	0.955	0.959	0.959
QID12_8	0.955	0.959	0.959	0.962	0.962
QID12_9	0.974	0.977	0.977	0.966	0.966
QID13_2	0.974	0.977	0.977	0.966	0.966
QID13_3	0.974	0.977	0.977	0.966	0.966
QID13_4	0.974	0.977	0.977	0.966	0.966
QID13_6	0.970	0.974	0.974	0.962	0.962
QID13_7	0.970	0.974	0.974	0.962	0.962
QID13_8	0.974	0.977	0.977	0.966	0.966
QID13_10	0.974	0.977	0.977	0.966	0.966
QID13_11	0.970	0.974	0.974	0.962	0.962
QID13_13	0.970	0.974	0.974	0.962	0.962

	Covariance Coverage				
	QID13_1	QID12_7	QID12_8	QID12_9	QID13_2
QID13_1	0.966				
QID12_7	0.959	0.959			
QID12_8	0.962	0.955	0.962		
QID12_9	0.966	0.959	0.962	0.981	
QID13_2	0.966	0.959	0.962	0.981	0.981
QID13_3	0.966	0.959	0.962	0.981	0.981
QID13_4	0.966	0.959	0.962	0.981	0.981
QID13_6	0.962	0.955	0.959	0.977	0.977
QID13_7	0.962	0.959	0.959	0.977	0.977
QID13_8	0.966	0.959	0.962	0.981	0.981
QID13_10	0.966	0.959	0.962	0.981	0.981
QID13_11	0.962	0.955	0.959	0.977	0.977
QID13_13	0.962	0.955	0.959	0.977	0.977

	Covariance Coverage				
	QID13_3	QID13_4	QID13_6	QID13_7	QID13_8
QID13_3	0.981				
QID13_4	0.981	0.981			
QID13_6	0.977	0.977	0.977		
QID13_7	0.977	0.977	0.974	0.977	
QID13_8	0.981	0.981	0.977	0.977	0.981
QID13_10	0.981	0.981	0.977	0.977	0.981

QID13_11	0.977	0.977	0.974	0.974	0.977
QID13_13	0.977	0.977	0.974	0.974	0.977

	Covariance Coverage		
	QID13_10	QID13_11	QID13_13
QID13_10	0.981		
QID13_11	0.977	0.977	
QID13_13	0.977	0.974	0.977

UNIVARIATE SAMPLE STATISTICS

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

s	Variable/ Sample Size Median	Mean/ Variance	Skewness/ Kurtosis	Minimum/ Maximum	% with Min/Max	20%/60%	Percentile 40%/80%
	QID7_1 4.000	4.098	-0.554	1.000	4.51%	2.000	4.000
	266.000	2.005	-0.647	6.000	15.41%	5.000	5.000
	QID7_3 5.000	4.350	-0.746	1.000	2.63%	3.000	4.000
	266.000	1.761	-0.210	6.000	19.17%	5.000	5.000
	QID7_5 4.000	4.075	-0.595	1.000	4.15%	2.000	4.000
	265.000	1.896	-0.583	6.000	12.45%	5.000	5.000
	QID7_6 4.000	3.575	-0.193	1.000	11.28%	2.000	3.000
	266.000	2.229	-0.949	6.000	9.77%	4.000	5.000
	QID7_7 5.000	4.248	-0.650	1.000	3.01%	3.000	4.000
	266.000	1.818	-0.424	6.000	16.92%	5.000	5.000
	QID7_8 4.000	4.065	-0.532	1.000	5.70%	3.000	4.000
	263.000	2.030	-0.573	6.000	15.97%	5.000	5.000
	QID7_9 5.000	4.367	-0.771	1.000	3.41%	4.000	4.000
	264.000	1.770	-0.061	6.000	20.45%	5.000	6.000
	QID7_10 4.000	4.132	-0.516	1.000	4.15%	3.000	4.000
	265.000	1.790	-0.355	6.000	16.23%	5.000	5.000
	QID11_1 5.000	4.406	-0.843	1.000	3.38%	3.000	4.000
	266.000	1.745	0.029	6.000	19.92%	5.000	5.000
	QID11_2 5.000	4.297	-0.732	1.000	4.14%	3.000	4.000
	266.000	1.901	-0.250	6.000	19.55%	5.000	5.000
	QID11_3 4.000	4.260	-0.652	1.000	3.02%	3.000	4.000
	265.000	1.747	-0.272	6.000	17.36%	5.000	5.000
	QID11_4 5.000	4.898	-1.271	1.000	1.51%	4.000	5.000
	265.000	1.118	2.176	6.000	31.32%	5.000	6.000
	QID11_5 5.000	4.387	-0.741	1.000	1.88%	4.000	4.000
	266.000	1.628	-0.136	6.000	18.80%	5.000	5.000
	QID11_6 5.000	4.594	-1.059	1.000	1.50%	4.000	5.000

	266.000	1.339	0.934	6.000	19.92%	5.000	5.000
QID11_7		4.245	-0.706	1.000	2.26%	3.000	4.000
4.000							
	265.000	1.627	-0.229	6.000	13.58%	5.000	5.000
QID11_8		3.780	-0.357	1.000	6.82%	2.000	4.000
4.000							
	264.000	2.012	-0.814	6.000	9.85%	4.000	5.000
QID11_9		4.257	-0.688	1.000	1.89%	3.000	4.000
5.000							
	265.000	1.655	-0.360	6.000	13.96%	5.000	5.000
QID11_10		4.219	-0.728	1.000	3.77%	3.000	4.000
5.000							
	265.000	1.892	-0.401	6.000	15.09%	5.000	5.000
QID12_1		4.607	-1.023	1.000	1.95%	4.000	5.000
5.000							
	257.000	1.530	0.549	6.000	23.74%	5.000	6.000
QID12_3		4.677	-1.155	1.000	1.95%	4.000	5.000
5.000							
	257.000	1.269	1.507	6.000	22.57%	5.000	6.000
QID13_1		4.732	-1.247	1.000	1.56%	4.000	5.000
5.000							
	257.000	1.193	1.748	6.000	22.18%	5.000	6.000
QID12_7		4.463	-0.948	1.000	3.14%	4.000	4.000
5.000							
	255.000	1.621	0.434	6.000	20.00%	5.000	5.000
QID12_8		4.379	-0.826	1.000	2.73%	4.000	4.000
5.000							
	256.000	1.509	0.307	6.000	16.41%	5.000	5.000
QID12_9		4.188	-0.642	1.000	3.83%	3.000	4.000
4.000							
	261.000	1.823	-0.346	6.000	15.71%	5.000	5.000
QID13_2		4.084	-0.482	1.000	3.45%	3.000	4.000
4.000							
	261.000	1.817	-0.553	6.000	14.56%	5.000	5.000
QID13_3		4.050	-0.547	1.000	3.45%	2.000	4.000
4.000							
	261.000	1.825	-0.598	6.000	11.88%	5.000	5.000
QID13_4		4.165	-0.590	1.000	3.45%	3.000	4.000
4.000							
	261.000	1.954	-0.636	6.000	16.09%	5.000	5.000
QID13_6		4.308	-0.664	1.000	2.31%	4.000	4.000
4.000							
	260.000	1.644	-0.137	6.000	18.08%	5.000	5.000
QID13_7		4.208	-0.707	1.000	3.46%	3.000	4.000
4.000							
	260.000	1.772	-0.261	6.000	14.62%	5.000	5.000
QID13_8		4.272	-0.631	1.000	2.30%	3.000	4.000
4.000							
	261.000	1.677	-0.299	6.000	16.86%	5.000	5.000
QID13_10		4.245	-0.774	1.000	3.83%	3.000	4.000
5.000							
	261.000	1.779	-0.150	6.000	14.94%	5.000	5.000
QID13_11		4.381	-0.825	1.000	2.31%	4.000	4.000
5.000							
	260.000	1.528	0.210	6.000	16.54%	5.000	5.000
QID13_13		4.512	-0.912	1.000	1.92%	4.000	4.000
5.000							
	260.000	1.604	0.203	6.000	21.54%	5.000	6.000

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters 101

Loglikelihood

H0 Value -10233.129
 H0 Scaling Correction Factor 1.2444
 for MLR
 H1 Value -9362.491
 H1 Scaling Correction Factor 1.4765
 for MLR

Information Criteria

Akaike (AIC) 20668.257
 Bayesian (BIC) 21030.190
 Sample-Size Adjusted BIC 20709.963
 (n* = (n + 2) / 24)

Chi-Square Test of Model Fit

Value 1142.501*
 Degrees of Freedom 493
 P-Value 0.0000
 Scaling Correction Factor 1.5241
 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 0.070
 90 Percent C.I. 0.065 0.076
 Probability RMSEA <= .05 0.000

CFI/TLI

CFI 0.896
 TLI 0.889

Chi-Square Test of Model Fit for the Baseline Model

Value 6785.214
 Degrees of Freedom 528
 P-Value 0.0000

SRMR (Standardized Root Mean Square Residual)

Value 0.038

MODEL RESULTS

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
CCR BY				
QID7_1	1.000	0.000	999.000	999.000
QID7_3	0.931	0.050	18.646	0.000

QID7_5	1.004	0.047	21.416	0.000
QID7_6	1.059	0.057	18.704	0.000
QID7_7	0.997	0.053	18.901	0.000
QID7_8	1.031	0.054	19.001	0.000
QID7_9	0.978	0.053	18.347	0.000
QID7_10	0.983	0.055	17.716	0.000
QID11_1	0.839	0.059	14.140	0.000
QID11_2	1.029	0.060	17.146	0.000
QID11_3	0.979	0.052	18.964	0.000
QID11_4	0.643	0.067	9.561	0.000
QID11_5	0.942	0.055	17.178	0.000
QID11_6	0.742	0.070	10.670	0.000
QID11_7	0.951	0.056	16.944	0.000
QID11_8	1.012	0.057	17.804	0.000
QID11_9	0.921	0.063	14.639	0.000
QID11_10	0.967	0.067	14.465	0.000
QID12_1	0.880	0.061	14.481	0.000
QID12_3	0.817	0.064	12.747	0.000
QID13_1	0.761	0.058	13.167	0.000
QID12_7	0.982	0.062	15.759	0.000
QID12_8	0.922	0.055	16.717	0.000
QID12_9	1.008	0.054	18.825	0.000
QID13_2	1.001	0.056	17.799	0.000
QID13_3	1.010	0.062	16.320	0.000
QID13_4	1.055	0.055	19.205	0.000
QID13_6	0.934	0.058	15.976	0.000
QID13_7	1.011	0.053	19.192	0.000
QID13_8	1.005	0.054	18.450	0.000
QID13_10	0.995	0.055	17.953	0.000
QID13_11	0.938	0.056	16.631	0.000
QID13_13	0.928	0.061	15.095	0.000
QID11_9 WITH QID11_6	0.249	0.063	3.946	0.000
QID13_10 WITH QID13_13	0.197	0.055	3.573	0.000
Intercepts				
QID7_1	4.098	0.087	47.193	0.000
QID7_3	4.350	0.081	53.455	0.000
QID7_5	4.067	0.085	47.948	0.000
QID7_6	3.575	0.092	39.053	0.000
QID7_7	4.248	0.083	51.384	0.000
QID7_8	4.069	0.087	46.572	0.000
QID7_9	4.369	0.082	53.598	0.000
QID7_10	4.131	0.082	50.373	0.000
QID11_1	4.406	0.081	54.400	0.000
QID11_2	4.297	0.085	50.836	0.000
QID11_3	4.252	0.082	52.162	0.000
QID11_4	4.896	0.065	75.309	0.000
QID11_5	4.387	0.078	56.075	0.000
QID11_6	4.594	0.071	64.752	0.000
QID11_7	4.246	0.078	54.343	0.000
QID11_8	3.777	0.087	43.392	0.000
QID11_9	4.258	0.079	54.016	0.000
QID11_10	4.222	0.084	50.078	0.000
QID12_1	4.587	0.077	59.797	0.000
QID12_3	4.659	0.070	66.599	0.000
QID13_1	4.714	0.068	69.453	0.000
QID12_7	4.430	0.079	56.011	0.000
QID12_8	4.363	0.076	57.509	0.000
QID12_9	4.173	0.083	50.243	0.000
QID13_2	4.070	0.083	49.116	0.000

QID13_3	4.035	0.083	48.563	0.000
QID13_4	4.149	0.086	48.268	0.000
QID13_6	4.297	0.079	54.427	0.000
QID13_7	4.189	0.082	51.094	0.000
QID13_8	4.257	0.080	53.447	0.000
QID13_10	4.231	0.082	51.549	0.000
QID13_11	4.365	0.076	57.315	0.000
QID13_13	4.502	0.078	57.707	0.000
Variances				
CCR	1.268	0.138	9.209	0.000
Residual Variances				
QID7_1	0.738	0.077	9.587	0.000
QID7_3	0.662	0.087	7.625	0.000
QID7_5	0.630	0.070	9.040	0.000
QID7_6	0.808	0.084	9.675	0.000
QID7_7	0.557	0.065	8.561	0.000
QID7_8	0.676	0.077	8.756	0.000
QID7_9	0.553	0.065	8.488	0.000
QID7_10	0.561	0.068	8.245	0.000
QID11_1	0.853	0.095	8.970	0.000
QID11_2	0.559	0.072	7.752	0.000
QID11_3	0.547	0.058	9.464	0.000
QID11_4	0.594	0.077	7.700	0.000
QID11_5	0.504	0.057	8.873	0.000
QID11_6	0.641	0.077	8.377	0.000
QID11_7	0.475	0.050	9.421	0.000
QID11_8	0.711	0.072	9.817	0.000
QID11_9	0.575	0.072	8.033	0.000
QID11_10	0.704	0.082	8.562	0.000
QID12_1	0.543	0.059	9.184	0.000
QID12_3	0.418	0.053	7.959	0.000
QID13_1	0.453	0.057	8.002	0.000
QID12_7	0.398	0.051	7.846	0.000
QID12_8	0.425	0.059	7.201	0.000
QID12_9	0.529	0.064	8.212	0.000
QID13_2	0.542	0.059	9.108	0.000
QID13_3	0.526	0.069	7.666	0.000
QID13_4	0.538	0.072	7.417	0.000
QID13_6	0.531	0.061	8.743	0.000
QID13_7	0.468	0.051	9.126	0.000
QID13_8	0.391	0.043	8.988	0.000
QID13_10	0.517	0.059	8.818	0.000
QID13_11	0.405	0.050	8.142	0.000
QID13_13	0.508	0.061	8.370	0.000

STANDARDIZED MODEL RESULTS

STDYX Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
CCR				
BY				
QID7_1	0.795	0.024	32.854	0.000
QID7_3	0.790	0.028	27.976	0.000
QID7_5	0.819	0.021	38.569	0.000
QID7_6	0.798	0.024	33.628	0.000
QID7_7	0.833	0.021	39.200	0.000
QID7_8	0.816	0.022	36.837	0.000
QID7_9	0.829	0.022	38.322	0.000

QID7_10	0.828	0.023	36.203	0.000
QID11_1	0.715	0.034	20.839	0.000
QID11_2	0.840	0.022	37.928	0.000
QID11_3	0.831	0.020	41.875	0.000
QID11_4	0.685	0.046	14.912	0.000
QID11_5	0.831	0.021	40.471	0.000
QID11_6	0.722	0.038	18.775	0.000
QID11_7	0.841	0.019	44.655	0.000
QID11_8	0.804	0.023	34.242	0.000
QID11_9	0.807	0.027	29.858	0.000
QID11_10	0.792	0.027	28.928	0.000
QID12_1	0.802	0.025	32.230	0.000
QID12_3	0.818	0.027	30.850	0.000
QID13_1	0.787	0.030	26.492	0.000
QID12_7	0.868	0.017	49.685	0.000
QID12_8	0.847	0.021	40.470	0.000
QID12_9	0.842	0.020	41.856	0.000
QID13_2	0.837	0.019	43.349	0.000
QID13_3	0.843	0.023	36.863	0.000
QID13_4	0.851	0.022	39.094	0.000
QID13_6	0.822	0.023	35.619	0.000
QID13_7	0.857	0.018	48.963	0.000
QID13_8	0.875	0.016	56.051	0.000
QID13_10	0.842	0.019	43.439	0.000
QID13_11	0.856	0.020	43.852	0.000
QID13_13	0.826	0.022	37.717	0.000
QID11_9 WITH QID11_6	0.411	0.072	5.677	0.000
QID13_10 WITH QID13_13	0.384	0.090	4.275	0.000
Intercepts				
QID7_1	2.894	0.143	20.243	0.000
QID7_3	3.278	0.176	18.609	0.000
QID7_5	2.944	0.148	19.889	0.000
QID7_6	2.394	0.106	22.664	0.000
QID7_7	3.151	0.162	19.477	0.000
QID7_8	2.861	0.144	19.918	0.000
QID7_9	3.289	0.182	18.055	0.000
QID7_10	3.091	0.157	19.717	0.000
QID11_1	3.335	0.189	17.689	0.000
QID11_2	3.117	0.168	18.523	0.000
QID11_3	3.204	0.168	19.032	0.000
QID11_4	4.631	0.332	13.948	0.000
QID11_5	3.438	0.185	18.633	0.000
QID11_6	3.970	0.251	15.815	0.000
QID11_7	3.333	0.177	18.866	0.000
QID11_8	2.664	0.124	21.555	0.000
QID11_9	3.314	0.171	19.337	0.000
QID11_10	3.071	0.163	18.890	0.000
QID12_1	3.716	0.227	16.374	0.000
QID12_3	4.144	0.281	14.733	0.000
QID13_1	4.326	0.302	14.340	0.000
QID12_7	3.481	0.209	16.645	0.000
QID12_8	3.558	0.206	17.241	0.000
QID12_9	3.096	0.162	19.137	0.000
QID13_2	3.024	0.147	20.519	0.000
QID13_3	2.992	0.147	20.352	0.000
QID13_4	2.973	0.147	20.228	0.000
QID13_6	3.359	0.179	18.737	0.000
QID13_7	3.153	0.168	18.736	0.000
QID13_8	3.293	0.170	19.394	0.000

QID13_10	3.177	0.175	18.177	0.000
QID13_11	3.540	0.202	17.519	0.000
QID13_13	3.561	0.206	17.287	0.000

Variiances

CCR	1.000	0.000	999.000	999.000
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Residual Variiances

QID7_1	0.368	0.038	9.556	0.000
QID7_3	0.376	0.045	8.418	0.000
QID7_5	0.330	0.035	9.499	0.000
QID7_6	0.363	0.038	9.566	0.000
QID7_7	0.306	0.035	8.657	0.000
QID7_8	0.334	0.036	9.244	0.000
QID7_9	0.313	0.036	8.746	0.000
QID7_10	0.314	0.038	8.289	0.000
QID11_1	0.489	0.049	9.954	0.000
QID11_2	0.294	0.037	7.899	0.000
QID11_3	0.310	0.033	9.417	0.000
QID11_4	0.531	0.063	8.450	0.000
QID11_5	0.310	0.034	9.078	0.000
QID11_6	0.479	0.056	8.619	0.000
QID11_7	0.293	0.032	9.239	0.000
QID11_8	0.354	0.038	9.367	0.000
QID11_9	0.348	0.044	7.977	0.000
QID11_10	0.373	0.043	8.587	0.000
QID12_1	0.356	0.040	8.918	0.000
QID12_3	0.331	0.043	7.635	0.000
QID13_1	0.381	0.047	8.161	0.000
QID12_7	0.246	0.030	8.096	0.000
QID12_8	0.283	0.035	7.978	0.000
QID12_9	0.291	0.034	8.590	0.000
QID13_2	0.299	0.032	9.248	0.000
QID13_3	0.289	0.039	7.488	0.000
QID13_4	0.276	0.037	7.453	0.000
QID13_6	0.324	0.038	8.555	0.000
QID13_7	0.265	0.030	8.830	0.000
QID13_8	0.234	0.027	8.556	0.000
QID13_10	0.292	0.033	8.949	0.000
QID13_11	0.267	0.033	7.971	0.000
QID13_13	0.318	0.036	8.784	0.000

R-SQUARE

Observed Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
QID7_1	0.632	0.038	16.427	0.000
QID7_3	0.624	0.045	13.988	0.000
QID7_5	0.670	0.035	19.285	0.000
QID7_6	0.637	0.038	16.814	0.000
QID7_7	0.694	0.035	19.600	0.000
QID7_8	0.666	0.036	18.418	0.000
QID7_9	0.687	0.036	19.161	0.000
QID7_10	0.686	0.038	18.102	0.000
QID11_1	0.511	0.049	10.420	0.000
QID11_2	0.706	0.037	18.964	0.000
QID11_3	0.690	0.033	20.938	0.000
QID11_4	0.469	0.063	7.456	0.000
QID11_5	0.690	0.034	20.236	0.000
QID11_6	0.521	0.056	9.388	0.000
QID11_7	0.707	0.032	22.328	0.000
QID11_8	0.646	0.038	17.121	0.000

QID11_9	0.652	0.044	14.929	0.000
QID11_10	0.627	0.043	14.464	0.000
QID12_1	0.644	0.040	16.115	0.000
QID12_3	0.669	0.043	15.425	0.000
QID13_1	0.619	0.047	13.246	0.000
QID12_7	0.754	0.030	24.842	0.000
QID12_8	0.717	0.035	20.235	0.000
QID12_9	0.709	0.034	20.928	0.000
QID13_2	0.701	0.032	21.675	0.000
QID13_3	0.711	0.039	18.432	0.000
QID13_4	0.724	0.037	19.547	0.000
QID13_6	0.676	0.038	17.810	0.000
QID13_7	0.735	0.030	24.481	0.000
QID13_8	0.766	0.027	28.025	0.000
QID13_10	0.708	0.033	21.719	0.000
QID13_11	0.733	0.033	21.926	0.000
QID13_13	0.682	0.036	18.859	0.000

QUALITY OF NUMERICAL RESULTS

Condition Number for the Information Matrix 0.308E-02
 (ratio of smallest to largest eigenvalue)

MODEL MODIFICATION INDICES

NOTE: Modification indices for direct effects of observed dependent variables regressed on covariates may not be included. To include these, request MODINDICES (ALL).

Minimum M.I. value for printing the modification index 10.000

		M.I.	E.P.C.	Std E.P.C.	StdYX E.P.C.
WITH Statements					
QID7_3	WITH QID7_1	12.722	0.194	0.194	0.277
QID7_6	WITH QID7_1	10.080	0.191	0.191	0.247
QID7_7	WITH QID7_5	17.288	0.193	0.193	0.326
QID7_8	WITH QID7_6	20.919	0.265	0.265	0.359
QID7_8	WITH QID7_7	18.973	0.211	0.211	0.343
QID7_10	WITH QID7_8	15.163	0.189	0.189	0.307
QID11_2	WITH QID7_9	14.697	0.168	0.168	0.302
QID11_3	WITH QID11_2	15.726	0.173	0.173	0.312
QID11_4	WITH QID7_6	11.150	-0.179	-0.179	-0.259
QID11_5	WITH QID7_6	10.019	-0.158	-0.158	-0.247
QID11_5	WITH QID11_2	12.067	0.145	0.145	0.273
QID11_6	WITH QID11_4	23.227	0.208	0.208	0.336
QID11_8	WITH QID7_6	23.089	0.285	0.285	0.376
QID11_8	WITH QID7_8	16.265	0.220	0.220	0.318
QID12_1	WITH QID7_6	10.976	-0.174	-0.174	-0.262
QID12_3	WITH QID11_10	12.637	0.153	0.153	0.282
QID12_3	WITH QID12_1	20.882	0.173	0.173	0.363
QID13_1	WITH QID12_1	15.204	0.153	0.153	0.308
QID13_1	WITH QID12_3	19.366	0.152	0.152	0.349
QID13_2	WITH QID12_9	18.845	0.184	0.184	0.345
QID13_4	WITH QID13_3	11.024	0.140	0.140	0.264
QID13_6	WITH QID7_8	19.413	-0.210	-0.210	-0.350
QID13_7	WITH QID13_6	14.704	0.152	0.152	0.306
QID13_8	WITH QID11_1	10.202	-0.146	-0.146	-0.253
QID13_8	WITH QID13_6	30.576	0.201	0.201	0.442
QID13_8	WITH QID13_7	16.241	0.139	0.139	0.324
QID13_10	WITH QID7_6	11.602	0.159	0.159	0.246

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QID13_10 WITH QID7_8	21.340	0.199	0.199	0.336
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DIAGRAM INFORMATION

Use View Diagram under the Diagram menu in the Mplus Editor to view the diagram.
If running Mplus from the Mplus Diagrammer, the diagram opens automatically.

Diagram output

c:\users\jess\desktop\mplus\cfa 2-13-2020 2 corr error.dgm

Beginning Time: 15:47:02
Ending Time: 15:47:04
Elapsed Time: 00:00:02

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