

3-Factor  
 Mplus VERSION 4.2  
 MUTHEN & MUTHEN  
 07/16/2007 11:15 AM  
 INPUT INSTRUCTIONS

TITLE:  
 CFA DSM 3-Factor Correlated  
 DATA:  
 FILE IS PTSDMplusdata.dat ;  
 FORMAT IS FREE ;  
 VARIABLE:  
 NAMES ARE id b1 b2 b3 b4 b5 c1 c2 c3 c4 c5 c6 c7 d1 d2 d3 d4 d5;  
 USEVARIABLES ARE b1 b2 b3 b4 b5 c1 c2 c3 c4 c5 c6 c7 d1 d2 d3 d4 d5;

ANALYSIS:  
 TYPE = general ;  
 ESTIMATOR = ML ;  
 MODEL:  
 intrus BY b1 b2 b3 b4 b5 ;  
 avo1num BY c1 c2 c3 c4 c5 c6 c7 ;  
 hyper BY d1 d2 d3 d4 d5 ;  
 OUTPUT:  
 standardized residual ;

INPUT READING TERMINATED NORMALLY

CFA DSM 3-Factor Correlated

SUMMARY OF ANALYSIS

Number of groups 1  
 Number of observations 252  
 Number of dependent variables 17  
 Number of independent variables 0  
 Number of continuous latent variables 3  
 Observed dependent variables

Continuous B1 B2 B3 B4 B5 C1  
 C2 C3 C4 C5 C6 C7  
 D1 D2 D3 D4 D5  
 Continuous latent variables  
 INTRUS AVOINUM HYPER

Estimator  
 Information matrix  
 Maximum number of iterations  
 Convergence criterion  
 Maximum number of steepest descent iterations  
 Input data file(s)  
 PTSDMplusdata.dat  
 Input data format FREE  
 THE MODEL ESTIMATION TERMINATED NORMALLY

TESTS OF MODEL FIT  
 Chi-Square Test of Model Fit  
 Value 461.752  
 Degrees of Freedom 116  
 P-Value 0.0000

Chi-Square Test of Model Fit for the Baseline Model  
 Value 3226.124  
 Degrees of Freedom 136  
 P-Value 0.0000

CFI/TLI  
 CFI 0.888  
 TLI 0.869

LogLikelihood  
 H0 Value -3664.835  
 H1 Value -3433.960

Information Criteria

Number of Free Parameters 37  
 Akaike (AIC) 7403.671  
 Bayesian (BIC) 7534.260  
 Sample-Size Adjusted BIC 7416.964  
 (n\* = (n + 2) / 24)

RMSEA (Root Mean Square Error Of Approximation)  
 Estimate 0.109  
 90 Percent C.I. 0.098 0.119  
 Probability RMSEA <= .05 0.000

SRMR (Standardized Root Mean Square Residual)  
 Value 0.056

ML  
 EXPECTED  
 0.500D-04  
 20

MODEL RESULTS

	Estimates	S.E.	Est./S.E.	Std	StdYX
INTRUS BY					
B1	1.000	0.000	0.000	0.686	0.819
B2	0.716	0.055	13.022	0.491	0.736
B3	0.933	0.058	15.982	0.640	0.852
B4	1.033	0.066	16.057	0.722	0.834
B5	0.630	0.046	13.581	0.432	0.759
AVOINUM BY					
C1	1.000	0.000	0.000	0.638	0.745
C2	0.974	0.084	11.636	0.622	0.728
C3	0.541	0.071	7.661	0.346	0.491
C4	0.790	0.064	12.340	0.504	0.767
C5	0.882	0.071	12.483	0.563	0.776
C6	0.907	0.075	12.161	0.579	0.757
C7	1.184	0.087	13.599	0.756	0.838
HYPER BY					
D1	1.000	0.000	0.000	0.683	0.736
D2	0.906	0.076	11.865	0.619	0.753
D3	1.074	0.079	13.536	0.734	0.853
D4	1.019	0.081	12.660	0.696	0.800
D5	1.051	0.079	13.342	0.718	0.841
AVOINUM WITH					
INTRUS	0.370	0.046	8.027	0.845	0.845
HYPER WITH					
INTRUS	0.365	0.048	7.680	0.779	0.779
AVOINUM	0.361	0.048	7.592	0.829	0.829
Variances					
INTRUS	0.471	0.061	7.760	1.000	1.000
AVOINUM	0.407	0.060	6.760	1.000	1.000
HYPER	0.467	0.070	6.629	1.000	1.000
Residual Variances					
B1	0.231	0.025	9.302	0.231	0.329
B2	0.204	0.020	10.119	0.204	0.459
B3	0.155	0.018	8.724	0.155	0.275
B4	0.193	0.022	8.664	0.193	0.270
B5	0.138	0.014	9.950	0.138	0.424
C1	0.326	0.032	10.069	0.326	0.445
C2	0.344	0.034	10.186	0.344	0.471
C3	0.375	0.034	10.933	0.375	0.758
C4	0.177	0.018	9.897	0.177	0.411
C5	0.210	0.021	9.825	0.210	0.399
C6	0.249	0.025	9.979	0.249	0.426
C7	0.242	0.027	9.025	0.242	0.298
D1	0.394	0.039	10.039	0.394	0.458
D2	0.293	0.030	9.912	0.293	0.433
D3	0.202	0.024	8.528	0.202	0.273
D4	0.272	0.029	9.431	0.272	0.360
D5	0.213	0.024	8.781	0.213	0.293

R-SQUARE

Observed Variable	R-Square
B1	0.671
B2	0.541
B3	0.725
B4	0.730
B5	0.576
C1	0.555
C2	0.529
C3	0.242
C4	0.589
C5	0.601
C6	0.574
C7	0.702
D1	0.542
D2	0.567
D3	0.727
D4	0.640
D5	0.707

QUALITY OF NUMERICAL RESULTS

Condition Number for the Information Matrix  
(ratio of smallest to largest eigenvalue)

0.246E-02

RESIDUAL OUTPUT

ESTIMATED MODEL AND RESIDUALS (OBSERVED - ESTIMATED)

	Model Estimated Covariances/Correlations/Residual	Correlations	Residual		
	B1	B2	B3	B4	B5
B1	0.702				
B2	0.337	0.445			
B3	0.439	0.314	0.565		
B4	0.495	0.355	0.462	0.715	
B5	0.297	0.212	0.277	0.312	0.324
C1	0.370	0.265	0.345	0.390	0.233
C2	0.361	0.258	0.336	0.380	0.227
C3	0.200	0.143	0.187	0.211	0.126
C4	0.292	0.209	0.273	0.308	0.184
C5	0.326	0.233	0.304	0.343	0.206
C6	0.336	0.240	0.313	0.353	0.211
C7	0.438	0.314	0.409	0.461	0.276
D1	0.365	0.261	0.340	0.384	0.230
D2	0.331	0.237	0.348	0.348	0.208
D3	0.392	0.280	0.365	0.412	0.247
D4	0.372	0.266	0.347	0.391	0.234
D5	0.383	0.274	0.358	0.403	0.242

Model Estimated Covariances/Correlations/Residual Correlations

	C1	C2	C3	C4	C5
C1	0.733				
C2	0.397	0.731			
C3	0.220	0.215	0.494		
C4	0.322	0.313	0.174	0.432	
C5	0.359	0.350	0.194	0.284	0.526
C6	0.369	0.360	0.200	0.292	0.326
C7	0.482	0.470	0.261	0.381	0.425
D1	0.361	0.352	0.196	0.285	0.319
D2	0.328	0.319	0.177	0.259	0.289
D3	0.388	0.378	0.210	0.307	0.342
D4	0.368	0.359	0.199	0.291	0.325
D5	0.380	0.370	0.206	0.300	0.335

Model Estimated Covariances/Correlations/Residual Correlations

	C6	C7	D1	D2	D3
C6	0.584				
C7	0.437	0.813			
D1	0.328	0.428	0.861		
D2	0.297	0.388	0.423	0.676	
D3	0.352	0.388	0.501	0.454	0.740
D4	0.334	0.436	0.476	0.431	0.511
D5	0.344	0.450	0.490	0.444	0.526

Model Estimated Covariances/Correlations/Residual Correlations

	D4	D5
D4	0.757	
D5	0.500	0.728

Residuals for Covariances/Correlations/Residual Correlations

	B1	B2	B3	B4	B5
B1	0.000				
B2	-0.002	0.000			
B3	-0.003	0.042	0.000		
B4	-0.013	-0.005	-0.009	0.000	
B5	-0.002	-0.010	0.004	0.102	0.000
C1	0.073	0.059	0.059	0.102	0.028
C2	0.038	0.039	0.051	0.064	0.022
C3	0.056	0.008	0.044	0.025	0.010
C4	0.015	-0.060	-0.025	0.011	0.015
C5	0.026	-0.087	-0.022	0.008	0.023
C6	-0.007	-0.029	-0.054	-0.011	-0.057
C7	-0.014	-0.075	-0.069	0.002	-0.043
D1	0.000	-0.025	-0.024	0.008	0.002
D2	0.005	-0.025	-0.047	0.000	0.026
D3	-0.001	-0.056	-0.052	-0.025	0.005
D4	-0.002	0.019	0.019	0.023	0.032
D5	0.048	0.029	0.002	0.041	0.012

Residuals for Covariances/Correlations/Residual Correlations

	C1	C2	C3	C4	C5
C1	0.000				
C2	0.100	0.000			
C3	0.002	-0.038	0.000		
C4	-0.037	-0.033	0.007	0.000	
C5	-0.064	-0.022	-0.001	0.047	0.000
C6	0.024	0.004	0.001	-0.027	0.003
C7	-0.046	-0.025	0.000	0.027	0.014
D1	-0.009	-0.030	-0.024	-0.002	-0.013
D2	0.003	-0.088	-0.077	0.011	0.004
D3	-0.058	-0.055	0.015	0.009	0.020
D4	0.038	0.021	-0.032	-0.017	0.011
D5	0.007	-0.013	-0.010	0.000	-0.017

Residuals for Covariances/Correlations/Residual Correlations

	C6	C7	D1	D2	D3
C6	0.000				
C7	0.035	0.000			
D1	-0.041	-0.017	0.000		
D2	0.005	-0.001	0.058	0.000	
D3	-0.010	0.050	0.051	0.072	-0.048
D4	0.033	0.042	-0.038	-0.060	-0.048
D5	0.012	0.023	-0.046	-0.049	-0.024

Residuals for Covariances/Correlations/Residual Correlations

	D4	D5
D4	0.000	
D5	0.087	0.000

Beginning Time: 11:15:03  
 Ending Time: 11:15:03  
 Elapsed Time: 00:00:00

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4-factor

MLPLUS VERSION 4.2  
MUTHEN & MUTHEN  
07/16/2007 11:23 AM

INPUT INSTRUCTIONS

TITLE:  
CFA DSM 4-Factor correlated  
DATA:  
FILE IS PTSDMplusdata.dat ;  
FORMAT IS free ;  
VARIABLE:  
NAMES ARE id b1 b2 b3 b4 b5 c1 c2 c3 c4 c5 c6 c7 d1 d2 d3 d4 d5;  
USEVARIABLES ARE b1 b2 b3 b4 b5 c1 c2 c3 c4 c5 c6 c7 d1 d2 d3 d4 d5;

ANALYSIS:  
TYPE = general ;  
ESTIMATOR = ML;  
MODEL:  
intrus BY b1 b2 b3 b4 b5 ;  
avoid BY c1 c2;  
numb BY c3 c4 c5 c6 c7 ;  
hyper BY d1 d2 d3 d4 d5;  
OUTPUT:  
standardized residual;  
SAVEDATA:  
save=fscores;  
file is factorscores.dat;

INPUT READING TERMINATED NORMALLY

CFA DSM 4-Factor correlated

SUMMARY OF ANALYSIS

Number of groups 1  
Number of observations 252  
Number of dependent variables 17  
Number of independent variables 0  
Number of continuous latent variables 4  
Number of continuous latent variables 4

Observed dependent variables

Continuous B1 B2 B3 B4 B5 C1  
C2 C3 C4 C5 C6 C7  
D1 D2 D3 D4 D5

Continuous latent variables  
INTRUS AVOID NUMB HYPER

Estimator  
Information matrix  
Maximum number of iterations  
Convergence criterion  
Maximum number of steepest descent iterations  
ML  
EXPECTED  
1000  
0.500D-04  
20

Input data file(s)  
PTSDMplusdata.dat  
Input data format FREE

THE MODEL ESTIMATION TERMINATED NORMALLY  
TESTS OF MODEL FIT

Chi-Square Test of Model Fit  
Value 375.180  
Degrees of Freedom 113  
P-Value 0.0000

Chi-Square Test of Model Fit for the Baseline Model  
Value 3226.124  
Degrees of Freedom 136  
P-Value 0.0000

CFI/TLI  
CFI 0.915  
TLI 0.898

Loglikelihood  
H0 Value -3621.549  
H1 Value -3433.960

Information Criteria

Number of Free Parameters 57  
Akaike (AIC) 7357.099  
Bayesian (BIC) 7558.276  
Sample-Size Adjusted BIC 7377.578  
(n\* = (n + 2) / 24)

RMSEA (Root Mean Square Error Of Approximation)

Estimate 0.096  
90 Percent C.I. 0.085 0.107  
Probability RMSEA <= .05 0.000

SRMR (Standardized Root Mean Square Residual)  
Value 0.046

MODEL RESULTS									
		Estimates	S.E.	Est./S.E.	Std	StdYX			
INTRUS BY									
B1		1.000	0.000	0.000	0.681	0.813			
B2		0.730	0.055	13.193	0.497	0.745			
B3		0.942	0.059	15.933	0.641	0.853			
B4		1.061	0.066	15.969	0.723	0.855			
B5		0.632	0.047	13.494	0.430	0.735			
AVOID BY									
C1		1.000	0.000	0.000	0.722	0.844			
C2		0.952	0.067	14.309	0.688	0.805			
NUMB BY									
C3		1.000	0.000	0.000	0.341	0.485			
C4		1.516	0.197	7.690	0.517	0.787			
C5		1.691	0.219	7.721	0.577	0.795			
C6		1.705	0.225	7.582	0.582	0.761			
C7		2.299	0.288	7.982	0.784	0.869			
HYPER BY									
D1		1.000	0.000	0.000	0.683	0.736			
D2		0.911	0.076	11.938	0.622	0.757			
D3		1.082	0.079	13.692	0.739	0.859			
D4		1.012	0.081	12.569	0.691	0.794			
D5		1.047	0.079	13.297	0.715	0.837			
AVOID WITH									
INTRUS		0.436	0.051	8.591	0.885	0.885			
NUMB WITH									
INTRUS		0.180	0.030	6.014	0.773	0.773			
AVOID		0.199	0.033	6.090	0.806	0.806			
HYPER WITH									
INTRUS		0.361	0.047	7.651	0.776	0.776			
AVOID		0.345	0.048	7.225	0.700	0.700			
NUMB		0.192	0.032	5.964	0.825	0.825			
Intercepts									
B1		0.591	0.053	11.203	0.591	0.706			
B2		0.313	0.042	7.457	0.313	0.470			
B3		0.397	0.047	8.382	0.397	0.528			
B4		0.607	0.053	11.401	0.607	0.718			
B5		0.234	0.036	7.079	0.254	0.446			
C1		0.472	0.054	8.754	0.472	0.551			
C2		0.393	0.054	7.296	0.393	0.460			
C3		0.278	0.044	6.272	0.278	0.395			
C4		0.246	0.041	5.945	0.246	0.375			
C5		0.317	0.046	6.947	0.317	0.438			
C6		0.377	0.048	7.831	0.377	0.493			
C7		0.504	0.057	8.870	0.504	0.559			
D1		0.524	0.058	8.964	0.524	0.565			
D2		0.452	0.052	8.732	0.452	0.550			
D3		0.460	0.054	8.492	0.460	0.535			
D4		0.468	0.055	8.544	0.468	0.538			

R-SQUARE									
	Observed Variable	R-Square							
D5		0.425	0.054	7.897	0.425	0.497			
Residual Variances									
INTRUS		0.464	0.060	7.689	1.000	1.000			
AVOID		0.522	0.067	7.818	1.000	1.000			
NUMB		0.116	0.030	3.937	1.000	1.000			
HYPER		0.466	0.070	6.630	1.000	1.000			
Observed Variances									
B1		0.238	0.025	9.495	0.238	0.339			
B2		0.198	0.020	10.123	0.198	0.445			
B3		0.153	0.017	8.831	0.153	0.272			
B4		0.193	0.022	8.803	0.193	0.269			
B5		0.139	0.014	10.052	0.139	0.429			
C1		0.211	0.031	7.056	0.211	0.288			
C2		0.257	0.031	8.252	0.257	0.352			
C3		0.378	0.035	10.903	0.378	0.765			
C4		0.164	0.017	9.484	0.164	0.380			
C6		0.193	0.021	9.387	0.193	0.368			
C7		0.246	0.025	9.761	0.246	0.421			
D1		0.199	0.025	7.883	0.199	0.244			
D2		0.394	0.039	10.060	0.394	0.458			
D3		0.289	0.029	9.903	0.289	0.427			
D4		0.194	0.023	8.421	0.194	0.262			
D5		0.260	0.029	9.533	0.260	0.369			
		0.218	0.024	8.886	0.218	0.299			

QUALITY OF NUMERICAL RESULTS  
Condition Number for the Information Matrix  
(ratio of smallest to largest eigenvalue) 0.678E-04

RESIDUAL OUTPUT

ESTIMATED MODEL AND RESIDUALS (OBSERVED - ESTIMATED)

	B1	B2	B3	B4	B5
Model Estimated Means/Intercepts/Thresholds					
1	0.591	0.313	0.397	0.607	0.254
Model Estimated Means/Intercepts/Thresholds					
C1				C4	C5
1	0.472	0.393	0.278	0.246	0.317
Model Estimated Means/Intercepts/Thresholds					
C6	C7	D1	D2	D3	
1	0.377	0.504	0.524	0.452	0.460
Model Estimated Means/Intercepts/Thresholds					
D4	D5				
1	0.468	0.425			
Residuals for Means/Intercepts/Thresholds					
B1	B2	B3	B4	B5	
1	0.000	0.000	0.000	0.000	
Residuals for Means/Intercepts/Thresholds					
C1	C2	C3	C4	C5	
1	0.000	0.000	0.000	0.000	
Residuals for Means/Intercepts/Thresholds					
C6	C7	D1	D2	D3	
1	0.000	0.000	0.000	0.000	

Residuals for Means/Intercepts/Thresholds

D4 0.000 D5 0.000

	B1	B2	B3	B4	B5
Model Estimated Covariances/Correlations/Residual Correlations					
1	0.702	0.445	0.565	0.715	0.324
B1	0.339	0.319	0.463	0.311	0.275
B2	0.437	0.359	0.276	0.462	0.275
B3	0.492	0.293	0.318	0.410	0.275
B4	0.293	0.318	0.391	0.440	0.262
B5	0.436	0.303	0.169	0.440	0.113
C1	0.415	0.131	0.256	0.192	0.192
C2	0.180	0.199	0.286	0.322	0.192
C3	0.272	0.222	0.288	0.325	0.193
C4	0.304	0.224	0.389	0.438	0.261
C5	0.306	0.301	0.340	0.383	0.228
C6	0.413	0.263	0.310	0.349	0.208
C7	0.361	0.240	0.368	0.414	0.247
D1	0.329	0.285	0.344	0.387	0.231
D2	0.390	0.267	0.356	0.401	0.239
D3	0.365	0.276			
D4	0.378				
D5					
Model Estimated Covariances/Correlations/Residual Correlations					
C1					
C2	0.733	0.731	0.494	0.432	0.526
C3	0.497	0.189	0.176	0.298	0.336
C4	0.199	0.287	0.197	0.301	0.336
C5	0.301	0.320	0.198	0.406	0.452
C6	0.336	0.322	0.268	0.291	0.325
C7	0.339	0.435	0.329	0.266	0.296
D1	0.456	0.345	0.300	0.315	0.352
D2	0.315	0.300	0.175	0.266	0.329
D3	0.315	0.356	0.208	0.315	0.329
D4	0.374	0.333	0.195	0.295	0.329
D5	0.350	0.344	0.201	0.305	0.340
D6	0.362				
Model Estimated Covariances/Correlations/Residual Correlations					
C6					
C7	0.584	0.813	0.861	0.676	0.740
D1	0.456	0.442	0.403	0.460	0.511
D2	0.328	0.403	0.505		
D3	0.299	0.478	0.472		
D4	0.355	0.447			
D5	0.332				

D5 0.343 0.463 0.488 0.445 0.528

Model Estimated Covariances/Correlations/Residual Correlations

D4 0.757 0.728

Residuals for Covariances/Correlations/Residual Correlations

B1 0.000 0.000 0.000 0.000 0.000
B2 -0.004 0.037 0.010 0.000 0.000
B3 -0.001 -0.010 -0.010 0.000 0.000
B4 -0.010 -0.010 -0.010 0.003 0.000
B5 0.001 -0.012 0.004 0.003 0.000
C1 0.007 0.006 -0.006 -0.029 -0.014
C2 -0.016 -0.005 -0.003 0.004 -0.013
C3 0.077 0.020 0.062 0.046 0.022
C4 0.035 0.050 -0.009 0.030 0.027
C5 0.048 0.075 -0.003 0.029 0.037
C6 0.022 -0.012 -0.029 0.018 -0.039
C7 0.011 -0.063 -0.049 -0.026 -0.028
D1 0.004 0.027 -0.024 0.009 0.004
D2 0.007 -0.029 -0.049 0.000 0.027
D3 0.000 0.060 -0.054 0.027 0.005
D4 0.005 0.011 0.022 0.027 0.035
D5 0.054 0.028 0.004 0.044 0.015

Residuals for Covariances/Correlations/Residual Correlations

C1 0.000 0.000 0.000 0.000 0.000
C2 0.023 -0.013 -0.006 0.000 0.000
C3 -0.016 -0.006 0.005 0.000 0.000
C4 -0.041 -0.031 -0.003 0.032 0.000
C5 0.055 0.041 0.002 0.036 0.000
C6 0.020 -0.010 0.007 -0.007 -0.007
C7 0.006 0.007 -0.007 -0.013 -0.013
D1 0.015 -0.069 -0.075 -0.004 -0.003
D2 -0.044 -0.033 0.017 0.000 0.010
D3 0.056 0.027 0.007 0.007 0.007
D4 0.025 0.013 -0.006 -0.005 -0.023

Residuals for Covariances/Correlations/Residual Correlations

C6 0.000 0.000 0.000 0.000 0.000
C7 0.017 -0.031 0.000 0.000 0.000
D1 -0.041 -0.016 0.056 0.000 0.000
D2 0.003 0.032 0.048 -0.058 -0.048
D3 -0.012 0.031 0.035 -0.058 -0.048
D4 0.035 0.031 0.010 -0.044 -0.050
D5 0.013 0.010 0.010 -0.044 -0.025

Residuals for Covariances/Correlations/Residual Correlations

D4 0.000 0.000
D5 0.093 0.000

SAVEADATA INFORMATION

Order and format of variables

B1 F10.3
B2 F10.3
B3 F10.3
B4 F10.3
B5 F10.3
C1 F10.3
C2 F10.3
C3 F10.3
C4 F10.3
C5 F10.3
C6 F10.3
C7 F10.3
D1 F10.3
D2 F10.3
D3 F10.3
D4 F10.3
D5 F10.3
INTRUS F10.3
AVOID F10.3
NUMB F10.3
HYPER F10.3

Save file

factorsscores.dat
2IF10.3

Save file record length 1000

Beginning Time: 11:23:31

Ending Time: 11:23:31  
4-factor with Satorra-Bentler chi-square statistic

Mplus VERSION 4.2  
MUTHEN & MUTHEN  
07/16/2007 11:33 AM

INPUT INSTRUCTIONS

TITLE:  
CFA DSM 4-Factor correlated  
DATA:  
FILE IS PTSDMplusData.dat ;  
FORMAT IS free ;  
VARIABLE:  
NAMES ARE id b1 b2 b3 b4 b5 c1 c2 c3 c4 c5 c6 c7 d1 d2 d3 d4 d5 ;  
USEVARIABLES ARE b1 b2 b3 b4 b5 c1 c2 c3 c4 c5 c6 c7 d1 d2 d3 d4 d5 ;

ANALYSIS:  
TYPE = general ;  
ESTIMATOR = MLM ;  
MODEL:  
intrus BY b1 b2 b3 b4 b5 ;  
avoid BY c1 c2 ;  
numb BY c3 c4 c5 c6 c7 ;  
hyper BY d1 d2 d3 d4 d5 ;  
OUTPUT:  
standardized residual ;  
SAVEDATA:  
save=fscores ;  
file is factorscores.dat ;

INPUT READING TERMINATED NORMALLY

CFA DSM 4-Factor correlated

SUMMARY OF ANALYSIS

Number of groups	1
Number of observations	252
Number of dependent variables	17
Number of independent variables	0
Number of continuous latent variables	4

Observed dependent variables

Continuous	B1	B2	B3	B4	B5	C1
	C2	C3	C4	C5	C6	C7
	D1	D2	D3	D4	D5	
Continuous latent variables	INTRUS	AVOID	NUMB	HYPER		

Estimator	MLM
Information matrix	EXPECTED
Maximum number of iterations	1000
Convergence criterion	0.500D-04
Maximum number of steepest descent iterations	20

Input data file(s)  
PTSDMplusData.dat  
Input data format FREE

THE MODEL ESTIMATION TERMINATED NORMALLY

TESTS OF MODEL FIT

Chi-Square Test of Model Fit	Value	163.941*
	Degrees of Freedom	113
	P-Value	0.0012
	Scaling Correction Factor	2.289
	for MLM	

\* The chi-square value for MLM, MLMV, MLR, ULS, WLSM and WLSMV cannot be used for chi-square difference tests. MLM, MLR and WLSM chi-square difference testing is described in the Mplus Technical Appendices at [www.statmodel.com](http://www.statmodel.com). See chi-square difference testing in the Index of the Mplus User's Guide.

Chi-Square Test of Model Fit for the Baseline Model

Value	1414.771
Degrees of Freedom	136
P-Value	0.0000

CFI/TLI

CFI	0.960
TLI	0.952

LogLikelihood

H0 Value	-3621.549
H1 Value	-3433.960

Information Criteria

Number of Free Parameters	57
Akaike (AIC)	7357.099
Bayesian (BIC)	7558.276
Sample-Size Adjusted BIC	7377.578
(n* = (n + 2) / 24)	

RMSEA (Root Mean Square Error Of Approximation)

Estimate

0.042

SRMR (Standardized Root Mean Square Residual)

Value

0.046

WRMR (Weighted Root Mean Square Residual)

Value

0.641

MODEL RESULTS

Estimates

S.E. Est./S.E. Std

StdYX

INTRUS		BY			
B1	1.000	0.000	0.000	0.681	0.813
B2	0.730	0.088	8.275	0.497	0.745
B3	0.942	0.084	11.172	0.641	0.853
B4	1.061	0.068	15.520	0.723	0.855
B5	0.632	0.064	9.831	0.430	0.735

AVOID		BY			
C1	1.000	0.000	0.000	0.722	0.844
C2	0.952	0.073	13.094	0.688	0.805

NUMB		BY			
C3	1.000	0.000	0.000	0.341	0.485
C4	1.516	0.319	4.751	0.517	0.787
C5	1.691	0.365	4.629	0.577	0.795
C6	1.705	0.376	4.535	0.582	0.761
C7	2.299	0.430	5.341	0.784	0.869

HYPER		BY			
D1	1.000	0.000	0.000	0.683	0.736
D2	0.911	0.093	9.794	0.622	0.757
D3	1.082	0.103	10.545	0.739	0.859
D4	1.012	0.112	9.017	0.691	0.794
D5	1.047	0.105	9.971	0.715	0.837

AVOID WITH					
INTRUS	0.436	0.065	6.742	0.885	0.885

NUMB WITH					
INTRUS	0.180	0.046	3.939	0.773	0.773
AVOID	0.199	0.047	4.263	0.806	0.806

HYPER WITH					
INTRUS	0.361	0.061	5.882	0.776	0.776
AVOID	0.345	0.060	5.741	0.700	0.700
NUMB	0.192	0.043	4.505	0.825	0.825

Intercepts

B1	0.591	0.053	11.203	0.591	0.706
B2	0.313	0.042	7.457	0.313	0.470
B3	0.397	0.047	8.382	0.397	0.528
B4	0.607	0.053	11.401	0.607	0.718
B5	0.254	0.036	7.079	0.254	0.446
C1	0.472	0.054	8.754	0.472	0.551
C2	0.393	0.054	7.296	0.393	0.460
C3	0.278	0.044	6.272	0.278	0.335
C4	0.246	0.041	5.945	0.246	0.375
C5	0.317	0.046	6.947	0.317	0.438
C6	0.377	0.048	7.831	0.377	0.493
C7	0.504	0.057	8.870	0.504	0.559
D1	0.524	0.058	8.964	0.524	0.565
D2	0.452	0.052	8.732	0.452	0.550
D3	0.460	0.054	8.492	0.460	0.535
D4	0.468	0.055	8.544	0.468	0.538
D5	0.425	0.054	7.897	0.425	0.497

Variances

INTRUS	0.464	0.072	6.485	1.000	1.000
AVOID	0.522	0.088	5.930	1.000	1.000
NUMB	0.116	0.047	2.475	1.000	1.000
HYPER	0.466	0.091	5.099	1.000	1.000

Residual Variances

B1	0.238	0.036	6.573	0.238	0.339
B2	0.198	0.030	6.655	0.198	0.445
B3	0.153	0.029	5.303	0.153	0.272
B4	0.193	0.029	6.552	0.193	0.269
B5	0.139	0.014	9.749	0.139	0.429
C1	0.211	0.049	4.322	0.211	0.288
C2	0.257	0.048	5.367	0.257	0.352
C3	0.378	0.057	6.658	0.378	0.765
C4	0.164	0.032	5.132	0.164	0.380
C5	0.193	0.035	5.541	0.193	0.368
C6	0.246	0.041	5.952	0.246	0.421
C7	0.199	0.037	5.304	0.199	0.244
D1	0.394	0.064	6.135	0.394	0.458
D2	0.289	0.031	9.353	0.289	0.427
D3	0.194	0.033	5.887	0.194	0.262
D4	0.280	0.037	7.580	0.280	0.359
D5	0.218	0.025	8.621	0.218	0.299

R-SQUARE

Observed Variable	R-Square
B1	0.661
B2	0.555
B3	0.728
B4	0.731
B5	0.571
C1	0.712

C2	0.648
C3	0.235
C4	0.620
C5	0.632
C6	0.579
C7	0.756
D1	0.542
D2	0.573
D3	0.738
D4	0.631
D5	0.701

QUALITY OF NUMERICAL RESULTS

Condition Number for the Information Matrix  
(ratio of smallest to largest eigenvalue) 0.551E-04

RESIDUAL OUTPUT

ESTIMATED MODEL AND RESIDUALS (OBSERVED - ESTIMATED)

	B1	B2	B3	B4	B5
Model Estimated Means/Intercepts/Thresholds					
1	0.591	0.313	0.397	0.607	0.254
Model Estimated Means/Intercepts/Thresholds					
C1					
C2					
C3					
C4					
C5					
1	0.472	0.393	0.278	0.246	0.317
Model Estimated Means/Intercepts/Thresholds					
C6					
C7					
D1					
D2					
D3					
D4					
D5					
1	0.377	0.504	0.524	0.452	0.460
Model Estimated Means/Intercepts/Thresholds					
D4					
D5					
1	0.468	0.425			
Residuals for Means/Intercepts/Thresholds					
B1					
B2					
B3					
B4					
B5					
1	0.000	0.000	0.000	0.000	0.000

	C1	C2	C3	C4	C5
Residuals for Means/Intercepts/Thresholds					
1	0.000	0.000	0.000	0.000	0.000
Residuals for Means/Intercepts/Thresholds					
C6					
C7					
D1					
D2					
D3					
1	0.000	0.000	0.000	0.000	0.000
Residuals for Means/Intercepts/Thresholds					
D4					
D5					
1	0.000	0.000			

	B1	B2	B3	B4	B5
Model Estimated Covariances/Correlations/Residual Correlations					
B1					
B2	0.702				
B3	0.339	0.445			
B4	0.437	0.319	0.565		
B5	0.492	0.359	0.463	0.715	
C1	0.293	0.214	0.276	0.311	
C2	0.436	0.318	0.410	0.462	
C3	0.415	0.303	0.391	0.440	
C4	0.180	0.131	0.169	0.191	
C5	0.272	0.199	0.256	0.172	
C6	0.304	0.222	0.286	0.192	
C7	0.306	0.224	0.288	0.193	
D1	0.413	0.301	0.389	0.438	
D2	0.361	0.263	0.340	0.383	
D3	0.329	0.240	0.310	0.349	
D4	0.390	0.285	0.368	0.414	
D5	0.365	0.267	0.344	0.387	
1	0.378	0.276	0.356	0.401	0.239

	C1	C2	C3	C4	C5
Model Estimated Covariances/Correlations/Residual Correlations					
C1					
C2	0.733				
C3	0.497	0.731			
C4	0.189	0.189	0.494		
C5	0.301	0.287	0.176	0.432	
C6	0.336	0.320	0.197	0.298	
C7	0.339	0.322	0.198	0.301	
D1	0.456	0.435	0.268	0.406	
D2	0.329	0.329	0.192		
D3	0.315	0.300	0.175	0.266	
D4	0.374	0.356	0.208	0.315	
D5	0.350	0.333	0.195	0.315	
1	0.350	0.333	0.195	0.315	0.329

D5 0.362 0.344 0.201 0.305 0.340

Model Estimated Covariances/Correlations/Residual Correlations

	C6	C7	D1	D2	D3
C6	0.584				
C7	0.496	0.813			
D1	0.328	0.442	0.861		
D2	0.299	0.403	0.425	0.676	
D3	0.355	0.478	0.505	0.460	0.740
D4	0.332	0.447	0.472	0.430	0.511
D5	0.343	0.463	0.488	0.445	0.528

Model Estimated Covariances/Correlations/Residual Correlations

	D4	D5
D4	0.757	
D5	0.494	0.728

Residuals for Covariances/Correlations/Residual Correlations

	B1	B2	B3	B4	B5
B1	0.000				
B2	-0.004	0.000			
B3	-0.001	0.037	0.000		
B4	-0.010	-0.010	-0.010	0.000	
B5	0.001	-0.012	0.004	0.003	0.000
C1	0.007	0.006	-0.006	0.029	-0.014
C2	-0.016	-0.005	-0.003	0.004	-0.013
C3	0.077	0.020	0.062	0.046	0.022
C4	0.035	-0.050	-0.009	0.030	0.027
C5	0.048	-0.075	-0.003	0.029	0.037
C6	0.022	-0.012	-0.029	0.018	-0.039
C7	0.011	-0.063	-0.049	0.026	-0.028
D1	0.004	-0.027	-0.024	0.009	0.004
D2	0.007	-0.029	-0.049	0.000	0.027
D3	0.000	-0.060	-0.054	-0.027	0.005
D4	0.005	0.011	0.022	0.027	0.035
D5	0.054	0.028	0.004	0.044	0.015

Residuals for Covariances/Correlations/Residual Correlations

	C1	C2	C3	C4	C5
C1	0.000				
C2	0.000	0.000			
C3	0.023	-0.013	0.000		
C4	-0.016	-0.006	0.005	0.000	
C5	-0.041	0.008	-0.003	0.032	0.000
C6	0.055	0.041	0.002	-0.036	-0.007
C7	-0.020	0.010	-0.007	0.002	-0.013

	D1	D2	D3	D4	D5
D1	0.006	-0.007	-0.020	-0.008	-0.019
D2	0.015	-0.069	-0.075	0.004	-0.003
D3	-0.044	-0.033	0.017	0.000	0.010
D4	0.056	-0.047	-0.027	-0.021	0.007
D5	0.025	0.013	-0.006	-0.005	-0.023

Residuals for Covariances/Correlations/Residual Correlations

	C6	C7	D1	D2	D3
C6	0.000				
C7	0.017	0.000			
D1	-0.041	-0.031	0.000		
D2	0.003	-0.016	0.056	0.000	
D3	-0.012	0.032	0.048	0.066	0.000
D4	0.035	0.031	-0.035	-0.058	-0.048
D5	0.013	0.010	-0.044	-0.050	-0.025

Residuals for Covariances/Correlations/Residual Correlations

	D4	D5
D4	0.000	
D5	0.093	0.000

SAVE DATA INFORMATION

Order and format of variables

B1 F10.3  
 B2 F10.3  
 B3 F10.3  
 B4 F10.3  
 B5 F10.3  
 C1 F10.3  
 C2 F10.3  
 C3 F10.3  
 C4 F10.3  
 C5 F10.3  
 C6 F10.3  
 C7 F10.3  
 D1 F10.3  
 D2 F10.3  
 D3 F10.3  
 D4 F10.3  
 D5 F10.3  
 INTRUS F10.3  
 AVOID F10.3  
 NUMB F10.3  
 HYPER F10.3

Save file  
 Factorsscores.dat  
 Save file format  
 21F10.3