Lab 10 Example 2 - Spring Fever Test

Wednesday, March 28, 2012
4:48 PM

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Mplus VERSION 6.1
MUTHEN & MUTHEN
03/28/2012   4:44 PM

INPUT INSTRUCTIONS

  TITLE:  Lab 10 - Spring Fever Items - Single Factor Model;
  DATA:   FILE IS Lab 10 Spring Fever Items.txt;
          TYPE IS CORRELATION;
          NOBSERVATIONS IS 250;
  VARIABLE: NAMES ARE item1-item12;
  MODEL:  factor1 BY item1* item2-item12 (L1-L12);
          item1-item12 (U1-U12);
          factor1@1;
  MODEL CONSTRAINT:
          NEW(OMEGA);
          OMEGA = (L1+L2+L3+L4+L5+L6+L7+L8+L9+L10+L11+L12)**2/
          ((L1+L2+L3+L4+L5+L6+L7+L8+L9+L10+L11+L12)**2
          +U1+U2+U3+U4+U5+U6+U7+U8+U9+U10+U11+U12);
  OUTPUT: STANDARDIZED RESIDUAL CINTERVAL;



INPUT READING TERMINATED NORMALLY



Lab 10 - Spring Fever Items - Single Factor Model;

SUMMARY OF ANALYSIS

Number of groups                                                 1
Number of observations                                         250

Number of dependent variables                                   12
Number of independent variables                                  0
Number of continuous latent variables                            1

Observed dependent variables

  Continuous
   ITEM1       ITEM2       ITEM3       ITEM4       ITEM5       ITEM6
   ITEM7       ITEM8       ITEM9       ITEM10      ITEM11      ITEM12

Continuous latent variables
   FACTOR1


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

Input data file(s)
  Lab 10 Spring Fever Items.txt

Input data format  FREE
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THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters 24

Loglikelihood

H0 Value	-3715.255
H1 Value	-3455.788

Information Criteria

Akaike (AIC)	7478.510
Bayesian (BIC)	7563.025
Sample-Size Adjusted BIC (n* = (n + 2) / 24)	7486.943

Chi-Square Test of Model Fit

Value	518.934
Degrees of Freedom	54
P-Value	0.0000

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.186	
90 Percent C.I.	0.171	0.200
Probability RMSEA <= .05	0.000	

CFI/TLI

CFI	0.695
TLI	0.627

Chi-Square Test of Model Fit for the Baseline Model

Value	1590.032
Degrees of Freedom	66
P-Value	0.0000

SRMR (Standardized Root Mean Square Residual)

Value	0.117

MODEL RESULTS

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
FACTOR1 BY				
ITEM1	0.686	0.058	11.932	0.000
ITEM2	0.678	0.058	11.726	0.000
ITEM3	0.579	0.060	9.618	0.000
ITEM4	0.598	0.060	10.009	0.000

ITEM5	0.723	0.056	12.804	0.000
ITEM6	0.716	0.057	12.630	0.000
ITEM7	0.598	0.060	10.007	0.000
ITEM8	0.722	0.057	12.778	0.000
ITEM9	0.744	0.056	13.316	0.000
ITEM10	0.632	0.059	10.720	0.000
ITEM11	0.588	0.060	9.792	0.000
ITEM12	0.287	0.065	4.424	0.000
Variances				
FACTOR1	1.000	0.000	999.000	999.000
Residual Variances				
ITEM1	0.525	0.052	10.082	0.000
ITEM2	0.537	0.053	10.135	0.000
ITEM3	0.660	0.063	10.560	0.000
ITEM4	0.638	0.061	10.495	0.000
ITEM5	0.473	0.048	9.827	0.000
ITEM6	0.483	0.049	9.882	0.000
ITEM7	0.638	0.061	10.495	0.000
ITEM8	0.475	0.048	9.835	0.000
ITEM9	0.443	0.046	9.649	0.000
ITEM10	0.596	0.058	10.362	0.000
ITEM11	0.650	0.062	10.532	0.000
ITEM12	0.913	0.083	11.070	0.000
New/Additional Parameters				
OMEGA	0.890	0.010	86.840	0.000

STANDARDIZED MODEL RESULTS

STDYX Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
FACTOR1 BY				
ITEM1	0.688	0.037	18.518	0.000
ITEM2	0.679	0.038	17.913	0.000
ITEM3	0.580	0.046	12.744	0.000
ITEM4	0.600	0.044	13.584	0.000
ITEM5	0.725	0.034	21.319	0.000
ITEM6	0.717	0.035	20.726	0.000
ITEM7	0.599	0.044	13.578	0.000
ITEM8	0.724	0.034	21.232	0.000
ITEM9	0.745	0.032	23.178	0.000
ITEM10	0.633	0.042	15.239	0.000
ITEM11	0.589	0.045	13.112	0.000
ITEM12	0.288	0.061	4.691	0.000
Variances				
FACTOR1	1.000	0.000	999.000	999.000
Residual Variances				
ITEM1	0.527	0.051	10.309	0.000
ITEM2	0.539	0.051	10.477	0.000
ITEM3	0.663	0.053	12.542	0.000
ITEM4	0.640	0.053	12.099	0.000

ITEM5	0.475	0.049	9.642	0.000
ITEM6	0.485	0.050	9.770	0.000
ITEM7	0.641	0.053	12.102	0.000
ITEM8	0.476	0.049	9.660	0.000
ITEM9	0.445	0.048	9.273	0.000
ITEM10	0.599	0.053	11.372	0.000
ITEM11	0.653	0.053	12.341	0.000
ITEM12	0.917	0.035	25.931	0.000

STDY Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
FACTOR1 BY				
ITEM1	0.688	0.037	18.518	0.000
ITEM2	0.679	0.038	17.913	0.000
ITEM3	0.580	0.046	12.744	0.000
ITEM4	0.600	0.044	13.584	0.000
ITEM5	0.725	0.034	21.319	0.000
ITEM6	0.717	0.035	20.726	0.000
ITEM7	0.599	0.044	13.578	0.000
ITEM8	0.724	0.034	21.232	0.000
ITEM9	0.745	0.032	23.178	0.000
ITEM10	0.633	0.042	15.239	0.000
ITEM11	0.589	0.045	13.112	0.000
ITEM12	0.288	0.061	4.691	0.000
Variances				
FACTOR1	1.000	0.000	999.000	999.000
Residual Variances				
ITEM1	0.527	0.051	10.309	0.000
ITEM2	0.539	0.051	10.477	0.000
ITEM3	0.663	0.053	12.542	0.000
ITEM4	0.640	0.053	12.099	0.000
ITEM5	0.475	0.049	9.642	0.000
ITEM6	0.485	0.050	9.770	0.000
ITEM7	0.641	0.053	12.102	0.000
ITEM8	0.476	0.049	9.660	0.000
ITEM9	0.445	0.048	9.273	0.000
ITEM10	0.599	0.053	11.372	0.000
ITEM11	0.653	0.053	12.341	0.000
ITEM12	0.917	0.035	25.931	0.000

STD Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
FACTOR1 BY				
ITEM1	0.686	0.058	11.932	0.000
ITEM2	0.678	0.058	11.726	0.000
ITEM3	0.579	0.060	9.618	0.000
ITEM4	0.598	0.060	10.009	0.000
ITEM5	0.723	0.056	12.804	0.000
ITEM6	0.716	0.057	12.630	0.000
ITEM7	0.598	0.060	10.007	0.000

ITEM8	0.722	0.057	12.778	0.000
ITEM9	0.744	0.056	13.316	0.000
ITEM10	0.632	0.059	10.720	0.000
ITEM11	0.588	0.060	9.792	0.000
ITEM12	0.287	0.065	4.424	0.000
Variances				
FACTOR1	1.000	0.000	999.000	999.000
Residual Variances				
ITEM1	0.525	0.052	10.082	0.000
ITEM2	0.537	0.053	10.135	0.000
ITEM3	0.660	0.063	10.560	0.000
ITEM4	0.638	0.061	10.495	0.000
ITEM5	0.473	0.048	9.827	0.000
ITEM6	0.483	0.049	9.882	0.000
ITEM7	0.638	0.061	10.495	0.000
ITEM8	0.475	0.048	9.835	0.000
ITEM9	0.443	0.046	9.649	0.000
ITEM10	0.596	0.058	10.362	0.000
ITEM11	0.650	0.062	10.532	0.000
ITEM12	0.913	0.083	11.070	0.000

R-SQUARE

Observed Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
ITEM1	0.473	0.051	9.259	0.000
ITEM2	0.461	0.051	8.957	0.000
ITEM3	0.337	0.053	6.372	0.000
ITEM4	0.360	0.053	6.792	0.000
ITEM5	0.525	0.049	10.659	0.000
ITEM6	0.515	0.050	10.363	0.000
ITEM7	0.359	0.053	6.789	0.000
ITEM8	0.524	0.049	10.616	0.000
ITEM9	0.555	0.048	11.589	0.000
ITEM10	0.401	0.053	7.619	0.000
ITEM11	0.347	0.053	6.556	0.000
ITEM12	0.083	0.035	2.346	0.019

QUALITY OF NUMERICAL RESULTS

Condition Number for the Information Matrix 0.141E+00
(ratio of smallest to largest eigenvalue)

CONFIDENCE INTERVALS OF MODEL RESULTS

	Lower .5%	Lower 2.5%	Lower 5%	Estimate	Upper 5%	Upper 2.5%	Upper .5%
FACTOR1 BY							
ITEM1	0.538	0.574	0.592	0.686	0.781	0.799	0.835
ITEM2	0.529	0.564	0.582	0.678	0.773	0.791	0.826
ITEM3	0.424	0.461	0.480	0.579	0.678	0.	

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697       0.734
    ITEM4              0.444       0.481       0.500       0.598       0.697       0.
716       0.752
    ITEM5              0.578       0.612       0.630       0.723       0.816       0.
834       0.869
    ITEM6              0.570       0.605       0.623       0.716       0.809       0.
827       0.862
    ITEM7              0.444       0.481       0.500       0.598       0.697       0.
715       0.752
    ITEM8              0.577       0.611       0.629       0.722       0.815       0.
833       0.868
    ITEM9              0.600       0.634       0.652       0.744       0.836       0.
853       0.888
    ITEM10             0.480       0.517       0.535       0.632       0.729       0.
748       0.784
    ITEM11             0.433       0.470       0.489       0.588       0.687       0.
705       0.742
    ITEM12             0.120       0.160       0.181       0.287       0.394       0.
415       0.455

 Variances
    FACTOR1            1.000       1.000       1.000       1.000       1.000       1.
000       1.000

 Residual Variances
    ITEM1              0.391       0.423       0.439       0.525       0.610       0.
627       0.659
    ITEM2              0.400       0.433       0.450       0.537       0.624       0.
641       0.673
    ITEM3              0.499       0.538       0.558       0.660       0.763       0.
783       0.822
    ITEM4              0.481       0.519       0.538       0.638       0.738       0.
757       0.794
    ITEM5              0.349       0.379       0.394       0.473       0.552       0.
567       0.597
    ITEM6              0.357       0.387       0.403       0.483       0.564       0.
579       0.609
    ITEM7              0.481       0.519       0.538       0.638       0.738       0.
757       0.795
    ITEM8              0.350       0.380       0.395       0.475       0.554       0.
569       0.599
    ITEM9              0.325       0.353       0.367       0.443       0.518       0.
533       0.561
    ITEM10             0.448       0.484       0.502       0.596       0.691       0.
709       0.745
    ITEM11             0.491       0.529       0.549       0.650       0.752       0.
772       0.810
    ITEM12             0.701       0.752       0.778       0.913       1.049       1.
075       1.126

 New/Additional Parameters
    OMEGA              0.864       0.870       0.873       0.890       0.907       0.
910       0.917


CONFIDENCE INTERVALS OF STANDARDIZED MODEL RESULTS


STDYX Standardization
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		Lower .5%	Lower 2.5%	Lower 5%	Estimate	Upper 5%	Upper 2.5%	Upper .5%
FACTOR1	BY							
	ITEM1	0.592	0.615	0.627	0.688	0.749	0.761	0.784
	ITEM2	0.581	0.605	0.617	0.679	0.741	0.753	0.776
	ITEM3	0.463	0.491	0.505	0.580	0.655	0.670	0.698
	ITEM4	0.486	0.513	0.527	0.600	0.672	0.686	0.713
	ITEM5	0.637	0.658	0.669	0.725	0.781	0.791	0.812
	ITEM6	0.628	0.650	0.661	0.717	0.774	0.785	0.807
	ITEM7	0.486	0.513	0.527	0.599	0.672	0.686	0.713
	ITEM8	0.636	0.657	0.668	0.724	0.780	0.790	0.811
	ITEM9	0.662	0.682	0.692	0.745	0.798	0.808	0.828
	ITEM10	0.526	0.552	0.565	0.633	0.702	0.715	0.740
	ITEM11	0.473	0.501	0.515	0.589	0.663	0.677	0.705
	ITEM12	0.130	0.168	0.187	0.288	0.389	0.408	0.446
Variances								
	FACTOR1	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Residual Variances								
	ITEM1	0.395	0.427	0.443	0.527	0.611	0.627	0.658
	ITEM2	0.407	0.438	0.454	0.539	0.624	0.640	0.672
	ITEM3	0.527	0.559	0.576	0.663	0.750	0.767	0.799
	ITEM4	0.504	0.537	0.553	0.640	0.728	0.744	0.777
	ITEM5	0.348	0.378	0.394	0.475	0.556	0.571	0.602
	ITEM6	0.357	0.388	0.404	0.485	0.567	0.583	0.613
	ITEM7	0.504	0.537	0.554	0.641	0.728	0.744	0.777
	ITEM8	0.349	0.380	0.395	0.476	0.558	0.573	0.603
	ITEM9	0.321	0.351	0.366	0.445	0.523	0.538	0.568
	ITEM10	0.463	0.496	0.512	0.599	0.685	0.702	0.734
	ITEM11	0.517	0.549	0.566	0.653	0.740	0.757	0.789
	ITEM12	0.826	0.848	0.859	0.917	0.975	0.986	1.008

STDY Standardization

		Lower .5%	Lower 2.5%	Lower 5%	Estimate	Upper 5%	Upper 2.5%	Upper .5%
FACTOR1	BY							
	ITEM1	0.592	0.615	0.627	0.688	0.749	0.761	0.784
	ITEM2	0.581	0.605	0.617	0.679	0.741	0.753	0.776
	ITEM3	0.463	0.491	0.505	0.580	0.655	0.670	0.698
	ITEM4	0.486	0.513	0.527	0.600	0.672	0.686	0.713
	ITEM5	0.637	0.658	0.669	0.725	0.781	0.791	0.812
	ITEM6	0.628	0.650	0.661	0.717	0.774	0.785	0.807
	ITEM7	0.486	0.513	0.527	0.599	0.672	0.686	0.713
	ITEM8	0.636	0.657	0.668	0.724	0.780	0.790	0.811
	ITEM9	0.662	0.682	0.692	0.745	0.798	0.808	0.828
	ITEM10	0.526	0.552	0.565	0.633	0.702	0.715	0.740
	ITEM11	0.473	0.501	0.515	0.589	0.663	0.677	0.705
	ITEM12	0.130	0.168	0.187	0.288	0.389	0.408	0.446
Variances								
	FACTOR1	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Residual Variances								
	ITEM1	0.395	0.427	0.443	0.527	0.611	0.627	0.658
	ITEM2	0.407	0.438	0.454	0.539	0.624	0.640	0.672
	ITEM3	0.527	0.559	0.576	0.663	0.750	0.767	0.799
	ITEM4	0.504	0.537	0.553	0.640	0.728	0.744	0.777
	ITEM5	0.348	0.378	0.394	0.475	0.556	0.571	0.602
	ITEM6	0.357	0.388	0.404	0.485	0.567	0.583	0.613
	ITEM7	0.504	0.537	0.554	0.641	0.728	0.744	0.777
	ITEM8	0.349	0.380	0.395	0.476	0.558	0.573	0.603
	ITEM9	0.321	0.351	0.366	0.445	0.523	0.538	0.568
	ITEM10	0.463	0.496	0.512	0.599	0.685	0.702	0.734
	ITEM11	0.517	0.549	0.566	0.653	0.740	0.757	0.789
	ITEM12	0.826	0.848	0.859	0.917	0.975	0.986	1.008

STD Standardization

		Lower .5%	Lower 2.5%	Lower 5%	Estimate	Upper 5%	Upper 2.5%	Upper .5%
FACTOR1	BY							
	ITEM1	0.538	0.574	0.592	0.686	0.781	0.799	0.835
	ITEM2	0.529	0.564	0.582	0.678	0.773	0.791	0.826
	ITEM3	0.424	0.461	0.480	0.579	0.678	0.697	0.734
	ITEM4	0.444	0.481	0.500	0.598	0.697	0.716	0.752
	ITEM5	0.578	0.612	0.630	0.723	0.816	0.834	0.869
	ITEM6	0.570	0.605	0.623	0.716	0.809	0.827	0.862
	ITEM7	0.444	0.481	0.500	0.598	0.697	0.715	0.752
	ITEM8	0.577	0.611	0.629	0.722	0.815	0.833	0.868
	ITEM9	0.600	0.634	0.652	0.744	0.836	0.853	0.888
	ITEM10	0.480	0.517	0.535	0.632	0.729	0.748	0.784
	ITEM11	0.433	0.470	0.489	0.588	0.687	0.705	0.742
	ITEM12	0.120	0.160	0.181	0.287	0.394	0.415	0.455
Variances								
	FACTOR1	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Residual Variances								
	ITEM1	0.391	0.423	0.439	0.525	0.610	0.627	0.659
	ITEM2	0.400	0.433	0.450	0.537	0.624	0.641	0.673
	ITEM3	0.499	0.538	0.558	0.660	0.763	0.783	0.822
	ITEM4	0.481	0.519	0.538	0.638	0.738	0.757	0.794
	ITEM5	0.349	0.379	0.394	0.473	0.552	0.567	0.597
	ITEM6	0.357	0.387	0.403	0.483	0.564	0.579	0.609
	ITEM7	0.481	0.519	0.538	0.638	0.738	0.757	0.795
	ITEM8	0.350	0.380	0.395	0.475	0.554	0.569	0.599
	ITEM9	0.325	0.353	0.367	0.443	0.518	0.533	0.561
	ITEM10	0.448	0.484	0.502	0.596	0.691	0.709	0.745
	ITEM11	0.491	0.529	0.549	0.650	0.752	0.772	0.810

ITEM12 0.701 0.752 0.778 0.913 1.049 1.075 1.126

RESIDUAL OUTPUT

ESTIMATED MODEL AND RESIDUALS (OBSERVED - ESTIMATED)

Model Estimated Covariances/Correlations/Residual Correlations

	ITEM1	ITEM2	ITEM3	ITEM4	ITEM5
ITEM1	0.996				
ITEM2	0.465	0.996			
ITEM3	0.398	0.392	0.996		
ITEM4	0.411	0.405	0.347	0.996	
ITEM5	0.496	0.490	0.419	0.433	0.996
ITEM6	0.492	0.485	0.415	0.428	0.518
ITEM7	0.411	0.405	0.347	0.358	0.433
ITEM8	0.496	0.489	0.418	0.432	0.522
ITEM9	0.511	0.504	0.431	0.445	0.538
ITEM10	0.434	0.428	0.366	0.378	0.457
ITEM11	0.404	0.398	0.341	0.352	0.425
ITEM12	0.197	0.195	0.167	0.172	0.208

Model Estimated Covariances/Correlations/Residual Correlations

	ITEM6	ITEM7	ITEM8	ITEM9	ITEM10
ITEM6	0.996				
ITEM7	0.428	0.996			
ITEM8	0.517	0.432	0.996		
ITEM9	0.533	0.445	0.537	0.996	
ITEM10	0.453	0.378	0.456	0.470	0.996
ITEM11	0.421	0.352	0.424	0.437	0.372
ITEM12	0.206	0.172	0.208	0.214	0.182

Model Estimated Covariances/Correlations/Residual Correlations

	ITEM11	ITEM12
ITEM11	0.996	
ITEM12	0.169	0.996

Residuals for Covariances/Correlations/Residual Correlations

	ITEM1	ITEM2	ITEM3	ITEM4	ITEM5
ITEM1	0.000				
ITEM2	0.083	0.000			
ITEM3	-0.079	-0.104	0.000		
ITEM4	-0.132	-0.097	0.171	0.000	
ITEM5	0.081	-0.012	-0.090	-0.144	0.000
ITEM6	0.106	0.063	-0.106	-0.130	0.060
ITEM7	-0.082	-0.057	0.211	0.279	-0.144
ITEM8	0.002	0.019	-0.120	-0.133	0.205
ITEM9	0.047	0.094	-0.092	-0.047	0.030
ITEM10	-0.075	-0.060	0.281	0.309	-0.069
ITEM11	-0.125	-0.080	0.237	0.276	-0.126

ITEM12	-0.018	0.004	-0.017	-0.003	-0.019

Residuals for Covariances/Correlations/Residual Correlations

	ITEM6	ITEM7	ITEM8	ITEM9	ITEM10
ITEM6	0.000				
ITEM7	-0.040	0.000			
ITEM8	0.041	-0.133	0.000		
ITEM9	0.065	-0.146	0.100	0.000	
ITEM10	-0.164	0.209	-0.158	-0.072	0.000
ITEM11	-0.072	0.246	-0.066	-0.128	0.166
ITEM12	0.033	0.047	0.041	-0.064	-0.002

Residuals for Covariances/Correlations/Residual Correlations

	ITEM11	ITEM12
ITEM11	0.000	
ITEM12	0.020	0.000

Standardized Residuals (z-scores) for Covariances/Correlations/Residual Corr

	ITEM1	ITEM2	ITEM3	ITEM4	ITEM5
ITEM1	0.015				
ITEM2	2.363	0.015			
ITEM3	-2.587	-3.436	0.019		
ITEM4	-4.835	-3.286	3.766	0.019	
ITEM5	2.450	-0.440	-3.312	-6.120	999.000
ITEM6	3.018	1.929	-3.913	-5.212	1.960
ITEM7	-2.788	-1.822	4.462	5.557	-6.113
ITEM8	0.082	0.641	-4.606	-5.524	5.001
ITEM9	1.583	2.799	-3.637	-1.730	1.107
ITEM10	-2.701	-2.040	5.625	6.037	-2.682
ITEM11	-4.420	-2.593	4.859	5.482	-5.045
ITEM12	-0.440	0.106	-0.362	-0.058	-0.486

Standardized Residuals (z-scores) for Covariances/Correlations/Residual Corr

	ITEM6	ITEM7	ITEM8	ITEM9	ITEM10
ITEM6	0.000				
ITEM7	-1.357	0.019			
ITEM8	1.397	-5.518	999.000		
ITEM9	2.161	-6.880	3.070	0.050	
ITEM10	-7.912	4.557	-7.734	-3.025	0.018
ITEM11	-2.558	5.037	-2.346	-5.605	3.775
ITEM12	0.831	0.997	1.042	-1.798	-0.054

Standardized Residuals (z-scores) for Covariances/Correlations/Residual Corr

	ITEM11	ITEM12
ITEM11	0.019	
ITEM12	0.428	0.010

Normalized Residuals for Covariances/Correlations/Residual Correlations

	ITEM1	ITEM2	ITEM3	ITEM4	ITEM5
ITEM1	0.000				
ITEM2	1.150	0.000			
ITEM3	-1.194	-1.580	0.000		
ITEM4	-2.017	-1.466	2.413	0.000	
ITEM5	1.115	-0.170	-1.360	-2.194	0.000
ITEM6	1.444	0.872	-1.607	-1.972	0.822
ITEM7	-1.237	-0.850	2.925	3.736	-2.193
ITEM8	0.032	0.264	-1.817	-2.027	2.627
ITEM9	0.653	1.275	-1.386	-0.688	0.411
ITEM10	-1.126	-0.890	3.743	4.037	-1.016
ITEM11	-1.906	-1.203	3.257	3.703	-1.920
ITEM12	-0.282	0.069	-0.269	-0.042	-0.291

Normalized Residuals for Covariances/Correlations/Residual Correlations

	ITEM6	ITEM7	ITEM8	ITEM9	ITEM10
ITEM6	0.000				
ITEM7	-0.591	0.000			
ITEM8	0.564	-2.026	0.000		
ITEM9	0.885	-2.223	1.341	0.000	
ITEM10	-2.497	2.864	-2.398	-1.058	0.000
ITEM11	-1.083	3.347	-0.985	-1.948	2.322
ITEM12	0.513	0.731	0.638	-1.011	-0.038

Normalized Residuals for Covariances/Correlations/Residual Correlations

	ITEM11	ITEM12
ITEM11	0.000	
ITEM12	0.316	0.000

Beginning Time: 16:44:04
Ending Time: 16:44:04
Elapsed Time: 00:00:00

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