

C:\CH11_HBAT_STRUC_NOMISSING_AMOS.amw

Analysis Summary

Date and Time

Date:
Time:

Title

Ch11_hbat_struc_nomissing_amos:

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.
Sample size = 400

Variable Summary (Group number 1)

Your model contains the following variables (Group number 1)

Observed, endogenous variables

EP1
EP2
EP3
EP4
SI1
SI2
SI3
SI4
OC4
OC3
OC2
OC1
AC4
AC3
AC2
AC1
JS4
JS5
JS3
JS2
JS1

Unobserved, endogenous variables

SIT
OCC
JSS

Unobserved, exogenous variables

EPI
td1
td2
td3
td4
te10
te11
te12
te13
te9
te8
te7
te6
ACC
td8
td7
td6
td5
te4
te5
te3
te2
te1
ZJS
ZOC
ZSI

Variable counts (Group number 1)

Number of variables in your model: 50
 Number of observed variables: 21
 Number of unobserved variables: 29
 Number of exogenous variables: 26
 Number of endogenous variables: 24

Parameter Summary (Group number 1)

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	29	0	0	0	0	29
Labeled	0	0	0	0	0	0
Unlabeled	23	1	26	0	0	50
Total	52	1	26	0	0	79

Sample Moments (Group number 1)

Sample Covariances (Group number 1)

	JS1	JS2	JS3	JS5	JS4	AC1	AC2	AC3	AC4	OC1	OC2	OC3	OC4	SI4	SI3	SI2	SI1	EP4	EP3
JS1	1.788																		
JS2	1.015	1.871																	
JS3	.905	.891	1.729																
JS5	15.027	15.751	12.694	423.243															
JS4	.876	.915	.856	13.440	1.637														
AC1	.075	-.006	.079	3.164	.083	1.937													
AC2	.006	-.034	.024	2.792	.029	1.615	2.972												
AC3	-.041	-.049	-.019	1.518	.083	1.364	1.687	2.009											
AC4	.041	.019	.142	3.838	.103	1.501	1.860	1.540	2.587										
OC1	.205	.193	.242	4.418	.185	.198	.452	.340	.524	6.360									
OC2	.413	.268	.378	8.445	.281	.803	.794	.841	1.011	2.884	4.768								
OC3	.371	.265	.192	5.070	.290	.327	.271	.302	.453	1.961	2.137	3.071							
OC4	.443	.255	.300	7.313	.247	.432	.601	.601	.804	2.506	3.306	2.035	4.206						
SI4	.180	.200	.227	4.256	.207	.273	.342	.338	.396	.432	.970	.443	.821	.935					
SI3	.064	.144	.216	2.677	.190	.286	.289	.286	.317	.346	.803	.358	.631	.656	1.029				
SI2	.135	.151	.121	3.060	.101	.244	.289	.261	.316	.418	.904	.431	.694	.614	.556	.768			
SI1	.133	.146	.171	3.193	.132	.279	.293	.253	.289	.400	.820	.345	.675	.563	.512	.558	.756		
EP4	.166	.311	.274	4.698	.218	.282	.394	.264	.473	.822	1.043	.888	.920	.531	.513	.452	.481	1.973	
EP3	.184	.287	.258	5.735	.193	.345	.300	.286	.398	.412	1.013	.735	.792	.467	.404	.377	.340	1.274	1.777
EP2	.268	.373	.255	4.694	.239	.391	.492	.378	.592	.938	1.326	1.055	1.259	.711	.572	.556	.493	1.458	1.331
EP1	.158	.418	.349	5.992	.265	.357	.501	.406	.450	.514	1.005	.757	1.046	.667	.611	.594	.543	1.427	1.228

Condition number = 2309.095

Eigenvalues

426.070 15.106 6.682 5.323 3.011 2.511 1.894 1.492 1.288 1.138 .965 .893 .848 .820 .755 .689 .576 .531 .385 .246 .185

Determinant of sample covariance matrix = 11928.015

Sample Correlations (Group number 1)

	JS1	JS2	JS3	JS5	JS4	AC1	AC2	AC3	AC4	OC1	OC2	OC3	OC4	SI4	SI3	SI2	SI1	EP4	EP3	EP2	EP1
JS1	1.000																				
JS2	.555	1.000																			
JS3	.515	.496	1.000																		
JS5	.546	.560	.469	1.000																	
JS4	.512	.523	.509	.511	1.000																
AC1	.040	-.003	.043	.111	.046	1.000															
AC2	.003	-.015	.010	.079	.013	.673	1.000														
AC3	-.021	-.025	-.010	.052	.046	.691	.690	1.000													
AC4	.019	.009	.067	.116	.050	.670	.671	.676	1.000												
OC1	.061	.056	.073	.085	.057	.056	.104	.095	.129	1.000											
OC2	.141	.090	.132	.188	.101	.264	.211	.272	.288	.524	1.000										
OC3	.158	.110	.083	.141	.129	.134	.090	.122	.161	.444	.558	1.000									
OC4	.161	.091	.111	.173	.094	.151	.170	.207	.244	.484	.738	.566	1.000								
SI4	.139	.151	.178	.214	.167	.203	.205	.247	.254	.177	.459	.262	.414	1.000							
SI3	.047	.104	.162	.128	.146	.202	.165	.199	.194	.135	.362	.201	.303	.669	1.000						
SI2	.115	.126	.105	.170	.090	.200	.191	.210	.224	.189	.473	.280	.386	.725	.625	1.000					
SI1	.114	.123	.150	.178	.119	.230	.195	.205	.207	.182	.432	.226	.379	.669	.580	.733	1.000				
EP4	.088	.162	.148	.163	.121	.144	.163	.133	.209	.232	.340	.361	.320	.391	.360	.367	.394	1.000			
EP3	.103	.157	.147	.209	.113	.186	.131	.151	.186	.122	.348	.315	.290	.363	.299	.323	.293	.681	1.000		
EP2	.123	.168	.119	.140	.115	.173	.175	.164	.226	.229	.373	.370	.378	.452	.347	.390	.349	.638	.614	1.0	
EP1	.065	.167	.145	.159	.113	.140	.159	.157	.153	.112	.252	.236	.279	.377	.329	.371	.342	.556	.504	.5	

Condition number = 30.895

Eigenvalues

6.280 2.947 2.345 1.667 1.491 .615 .564 .535 .525 .478 .431 .429 .398 .372 .345 .316 .304 .277 .241 .236 .203

Models

Default model (Default model)**Notes for Model (Default model)****Computation of degrees of freedom (Default model)**

Number of distinct sample moments: 231
 Number of distinct parameters to be estimated: 50
 Degrees of freedom (231 - 50): 181

Result (Default model)

Minimum was achieved
 Chi-square = 286.461
 Degrees of freedom = 181
 Probability level = .000

Group number 1 (Group number 1 - Default model)**Estimates (Group number 1 - Default model)****Scalar Estimates (Group number 1 - Default model)****Maximum Likelihood Estimates****Regression Weights: (Group number 1 - Default model)**

	Estimate	S.E.	C.R.	P	Label
JSS <--- EPI	3.024	.750	4.029	***	
JSS <--- ACC	-.125	.674	-.186	.852	
OCC <--- JSS	.010	.006	1.615	.106	
OCC <--- EPI	.613	.083	7.357	***	
OCC <--- ACC	.260	.068	3.857	***	
SIT <--- JSS	.006	.002	2.380	.017	
SIT <--- OCC	.229	.023	9.857	***	
EP1 <--- EPI	1.000				
EP2 <--- EPI	1.040	.075	13.837	***	
EP3 <--- EPI	.835	.061	13.616	***	
EP4 <--- EPI	.924	.065	14.112	***	
SI1 <--- SIT	1.000				
SI2 <--- SIT	1.076	.055	19.645	***	
SI3 <--- SIT	1.058	.066	15.956	***	
SI4 <--- SIT	1.158	.061	19.093	***	
OC4 <--- OCC	1.000				
OC3 <--- OCC	.674	.049	13.753	***	
OC2 <--- OCC	1.133	.059	19.295	***	
OC1 <--- OCC	.853	.072	11.788	***	
AC4 <--- ACC	1.000				
AC3 <--- ACC	.904	.048	18.640	***	
AC2 <--- ACC	1.077	.059	18.189	***	
AC1 <--- ACC	.872	.048	18.238	***	
JS4 <--- JSS	.060	.005	12.812	***	
JSS <--- JSS	1.000				
JS3 <--- JSS	.059	.005	12.387	***	
JS2 <--- JSS	.068	.005	13.524	***	
JS1 <--- JSS	.066	.005	13.379	***	

Standardized Regression Weights: (Group number 1 - Default model)

	Estimate
JSS <--- EPI	.252
JSS <--- ACC	-.011
OCC <--- JSS	.085
OCC <--- EPI	.450
OCC <--- ACC	.200
SIT <--- JSS	.121
SIT <--- OCC	.553
EP1 <--- EPI	.685
EP2 <--- EPI	.802
EP3 <--- EPI	.785
EP4 <--- EPI	.824
SI1 <--- SIT	.813
SI2 <--- SIT	.869
SI3 <--- SIT	.738
SI4 <--- SIT	.848
OC4 <--- OCC	.832
OC3 <--- OCC	.656
OC2 <--- OCC	.885
OC1 <--- OCC	.577
AC4 <--- ACC	.816

AC3 <--- ACC	.837
AC2 <--- ACC	.820
AC1 <--- ACC	.822
JS4 <--- JSS	.705
JS5 <--- JSS	.732
JS3 <--- JSS	.680
JS2 <--- JSS	.748
JS1 <--- JSS	.739

Covariances: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
EPI <--> ACC	.423	.100	4.237	***	

Correlations: (Group number 1 - Default model)

	Estimate
EPI <--> ACC	.257

Variances: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
EPI	1.569	.213	7.355	***	
ACC	1.723	.181	9.544	***	
ZJS	212.575	27.144	7.832	***	
ZOC	1.984	.218	9.097	***	
ZSI	.326	.037	8.932	***	
td1	1.775	.145	12.234	***	
td2	.945	.093	10.187	***	
td3	.682	.064	10.620	***	
td4	.634	.067	9.498	***	
te10	.256	.023	10.992	***	
te11	.189	.021	9.161	***	
te12	.469	.038	12.244	***	
te13	.263	.026	9.986	***	
te9	1.298	.136	9.535	***	
te8	1.751	.138	12.724	***	
te7	1.038	.144	7.203	***	
te6	4.244	.321	13.210	***	
td8	.865	.081	10.706	***	
td7	.603	.060	10.106	***	
td6	.972	.092	10.593	***	
td5	.628	.060	10.545	***	
te4	.824	.071	11.560	***	
te5	196.614	17.686	11.117	***	
te3	.930	.078	11.896	***	
te2	.824	.076	10.804	***	
te1	.812	.074	10.984	***	

Squared Multiple Correlations: (Group number 1 - Default model)

	Estimate
JSS	.062
OCC	.318
SIT	.348
JS1	.546
JS2	.560
JS3	.462
JS5	.535
JS4	.496
AC1	.676
AC2	.673
AC3	.700
AC4	.666
OC1	.333
OC2	.782
OC3	.430
OC4	.691
SI4	.718
SI3	.544
SI2	.754
SI1	.661
EP4	.679
EP3	.616
EP2	.642
EP1	.469

Matrices (Group number 1 - Default model)

Implied Covariances (Group number 1 - Default model)

	JS1	JS2	JS3	JS5	JS4	AC1	AC2	AC3	AC4	OC1	OC2	OC3	OC4	SI4	SI3	SI2	SI1	EP4	EP3
JS1	1.788																		
JS2	1.011	1.871																	
JS3	.883	.915	1.729																
JS5	14.877	15.406	13.455	423.243															
JS4	.891	.923	.806	13.571	1.637														
AC1	.061	.063	.055	.925	.055	1.937													
AC2	.075	.078	.068	1.144	.068	1.618	2.972												
AC3	.063	.065	.057	.959	.057	1.357	1.677	2.009											
AC4	.070	.072	.063	1.062	.064	1.502	1.856	1.557	2.587										
OC1	.299	.310	.271	4.560	.273	.534	.660	.553	.612	6.360									
OC2	.397	.412	.359	6.055	.363	.709	.876	.735	.813	2.809	4.768								
OC3	.236	.245	.214	3.601	.216	.422	.521	.437	.484	1.671	2.219	3.071							
OC4	.351	.363	.317	5.346	.320	.626	.774	.649	.718	2.480	3.294	1.959	4.206						
SI4	.191	.198	.173	2.916	.175	.172	.213	.179	.198	.689	.915	.544	.807	.935					
SI3	.175	.181	.158	2.664	.160	.157	.195	.163	.181	.629	.835	.497	.738	.613	1.029				
SI2	.178	.184	.161	2.709	.162	.160	.198	.166	.184	.640	.850	.505	.750	.624	.570	.768			
SI1	.165	.171	.149	2.517	.151	.149	.184	.154	.171	.594	.789	.470	.697	.580	.529	.538	.756		
EP4	.284	.295	.257	4.334	.260	.340	.421	.353	.390	.881	1.169	.696	1.033	.303	.277	.281	.261	1.973	
EP3	.257	.266	.233	3.920	.235	.308	.380	.319	.353	.796	1.058	.629	.934	.274	.250	.254	.236	1.211	1.777
EP2	.320	.332	.290	4.882	.292	.383	.474	.397	.440	.992	1.317	.783	1.163	.341	.312	.317	.294	1.508	1.364
EP1	.308	.319	.279	4.692	.281	.368	.455	.382	.423	.953	1.266	.753	1.118	.328	.299	.304	.283	1.450	1.311

Implied Correlations (Group number 1 - Default model)

	JS1	JS2	JS3	JS5	JS4	AC1	AC2	AC3	AC4	OC1	OC2	OC3	OC4	SI4	SI3	SI2	SI1	EP4	EP3	EP2	EP1
JS1	1.000																				
JS2	.553	1.000																			
JS3	.502	.509	1.000																		
JS5	.541	.547	.497	1.000																	
JS4	.521	.527	.479	.516	1.000																
AC1	.033	.033	.030	.032	.031	1.000															
AC2	.033	.033	.030	.032	.031	.674	1.000														
AC3	.033	.034	.031	.033	.032	.688	.686	1.000													
AC4	.032	.033	.030	.032	.031	.671	.669	.683	1.000												
OC1	.089	.090	.082	.088	.085	.152	.152	.155	.151	1.000											
OC2	.136	.138	.125	.135	.130	.233	.233	.237	.232	.510	1.000										
OC3	.101	.102	.093	.100	.096	.173	.173	.176	.172	.378	.580	1.000									
OC4	.128	.130	.118	.127	.122	.219	.219	.223	.218	.480	.736	.545	1.000								
SI4	.148	.150	.136	.147	.141	.128	.128	.130	.127	.282	.433	.321	.407	1.000							
SI3	.129	.130	.119	.128	.123	.111	.111	.113	.111	.246	.377	.279	.355	.625	1.000						
SI2	.152	.154	.140	.150	.145	.131	.131	.134	.130	.289	.444	.329	.417	.736	.641	1.000					
SI1	.142	.144	.131	.141	.135	.123	.123	.125	.122	.271	.416	.308	.391	.689	.600	.706	1.000				
EP4	.151	.153	.139	.150	.144	.174	.174	.177	.173	.249	.381	.283	.358	.223	.194	.229	.214	1.000			
EP3	.144	.146	.133	.143	.138	.166	.165	.169	.165	.237	.363	.269	.342	.212	.185	.218	.204	.647	1.000		
EP2	.147	.149	.136	.146	.141	.169	.169	.172	.168	.242	.371	.275	.349	.217	.189	.222	.208	.660	.629	1.000	
EP1	.126	.127	.116	.125	.120	.145	.144	.147	.144	.207	.317	.235	.298	.185	.161	.190	.178	.564	.538	.510	1.000

Residual Covariances (Group number 1 - Default model)

	JS1	JS2	JS3	JS5	JS4	AC1	AC2	AC3	AC4	OC1	OC2	OC3	OC4	SI4	SI3	SI2	SI1	EP4	EP3	EP2	EP1
JS1	.000																				
JS2	.004	.000																			
JS3	.022	-.023	.000																		
JS5	.151	.345	-.761	.000																	
JS4	-.015	-.008	.051	-.131	.000																
AC1	.014	-.069	.024	2.239	.027	.000															
AC2	-.069	-.112	-.044	1.648	-.040	-.003	.000														
AC3	-.104	-.115	-.076	.558	.025	.006	.010	.000													
AC4	-.029	-.053	.079	2.776	.040	-.001	.004	-.016	.000												
OC1	-.095	-.117	-.029	-.142	-.088	-.336	-.208	-.214	-.089	.000											
OC2	.015	-.144	.018	2.390	-.081	.094	-.082	.107	.198	.075	.000										
OC3	.134	.020	-.022	1.468	.075	-.094	-.251	-.135	-.030	.290	-.082	.000									
OC4	.092	-.108	-.017	1.967	-.073	-.194	-.172	-.048	.086	.025	.012	.076	.000								
SI4	-.011	.002	.054	1.340	.032	.100	.129	.159	.198	-.257	.055	-.101	.013	.000							
SI3	-.111	-.037	.058	.013	.030	.128	.094	.123	.137	-.283	-.033	-.139	-.106	.042	.000						
SI2	-.043	-.033	-.040	.351	-.062	.084	.091	.095	.133	-.222	.055	-.075	-.056	-.010	-.014	.000					
SI1	-.033	-.025	.022	.676	-.018	.130	.109	.099	.119	-.194	.031	-.125	-.022	-.017	-.018	.020	.000				
EP4	-.119	.017	.016	.364	-.042	-.058	-.026	-.088	.083	-.058	-.127	.192	-.112	.229	.236	.171	.220	.000			
EP3	-.073	.021	.025	1.816	-.041	.037	-.080	-.033	.045	-.385	-.045	.106	-.142	.193	.154	.123	.103	.064	.000		
EP2	-.053	.042	-.035	-.188	-.053	.008	.018	-.019	.153	-.054	.009	.271	.096	.370	.261	.239	.199	-.051	-.033	.000	
EP1	-.150	.099	.071	1.300	-.016	-.012	.046	.024	.028	-.439	-.261	.004	-.071	.339	.311	.290	.260	-.022	-.083	.140	.000

Standardized Residual Covariances (Group number 1 - Default model)

	JS1	JS2	JS3	JS5	JS4	AC1	AC2	AC3	AC4	OC1	OC2	OC3	OC4	SI4	SI3	SI2	SI1	EP4	EP3
JS1	.000																		
JS2	.035	.000																	
JS3	.221	-.230	.000																
JS5	.096	.215	-.503	.000															
JS4	-.157	-.078	.544	-.089	.000														
AC1	.152	-.727	.264	1.561	.306	.000													
AC2	-.599	-.949	-.389	.927	-.360	-.020	.000												
AC3	-1.090	-1.180	-.815	.382	.278	.054	.064	.000											
AC4	-.271	-.478	.744	1.675	.384	-.006	.024	-.119	.000										
OC1	-.558	-.676	-.174	-.054	-.543	-1.890	-.944	-1.180	-.431	.000									
OC2	.102	-.952	.126	1.053	-.576	.600	-.423	.669	1.097	.243	.000								
OC3	1.138	.166	-.191	.810	.662	-.762	-1.633	-1.067	-.212	1.227	-.372	.000							
OC4	.662	-.762	-.125	.924	-.551	-1.324	-.952	-.320	.508	.088	.043	.369	.000						
SI4	-.171	.031	.836	1.332	.519	1.478	1.537	2.304	2.521	-2.028	.478	-1.132	.123	.000					
SI3	-1.616	-.525	.859	.012	.460	1.806	1.071	1.700	1.661	-2.149	-.276	-1.503	-.963	.731	.000				
SI2	-.729	-.546	-.685	.385	-1.085	1.366	1.198	1.517	1.866	-1.925	.524	-.921	-.570	-.183	-.267	.000			
SI1	-.556	-.409	.381	.748	-.327	2.127	1.445	1.590	1.684	-1.707	.301	-1.562	-.224	-.329	-.343	.430	.000		
EP4	-1.251	.173	.176	.249	-.461	-.588	-.212	-.871	.723	-.320	-.772	1.502	-.732	3.283	3.247	2.700	3.519	.000	
EP3	-.809	.225	.287	1.309	-.479	.397	-.688	-.342	.413	-2.224	-.289	.875	-.981	2.933	2.238	2.055	1.744	.569	.000
EP2	-.480	.369	-.320	-.111	-.504	.067	.127	-.163	1.151	-.256	.047	1.834	.544	4.590	3.100	3.277	2.751	-.369	-.254
EP1	-1.213	.786	.582	.685	-.132	-.091	.287	.186	.187	-1.862	-1.246	.024	-.365	3.766	3.309	3.550	3.218	-.150	-.597

Total Effects (Group number 1 - Default model)

	ACC	EPI	JSS	OCC	SIT
JSS	-.125	3.024	.000	.000	.000
OCC	.259	.642	.010	.000	.000
SIT	.059	.164	.008	.229	.000
JS1	-.008	.198	.066	.000	.000
JS2	-.009	.206	.068	.000	.000
JS3	-.007	.180	.059	.000	.000
JS5	-.125	3.024	1.000	.000	.000
JS4	-.008	.181	.060	.000	.000
AC1	.872	.000	.000	.000	.000
AC2	1.077	.000	.000	.000	.000
AC3	.904	.000	.000	.000	.000
AC4	1.000	.000	.000	.000	.000
OC1	.221	.548	.008	.853	.000
OC2	.294	.728	.011	1.133	.000
OC3	.175	.433	.007	.674	.000
OC4	.259	.642	.010	1.000	.000
SI4	.068	.191	.009	.266	1.158
SI3	.062	.174	.008	.243	1.058
SI2	.063	.177	.009	.247	1.076
SI1	.059	.164	.008	.229	1.000
EP4	.000	.924	.000	.000	.000
EP3	.000	.835	.000	.000	.000
EP2	.000	1.040	.000	.000	.000
EP1	.000	1.000	.000	.000	.000

Standardized Total Effects (Group number 1 - Default model)

	ACC	EPI	JSS	OCC	SIT
JSS	-.011	.252	.000	.000	.000
OCC	.200	.472	.085	.000	.000
SIT	.109	.291	.168	.553	.000
JS1	-.008	.186	.739	.000	.000
JS2	-.008	.188	.748	.000	.000
JS3	-.007	.171	.680	.000	.000
JS5	-.008	.184	.732	.000	.000
JS4	-.008	.177	.705	.000	.000
AC1	.822	.000	.000	.000	.000
AC2	.820	.000	.000	.000	.000
AC3	.837	.000	.000	.000	.000
AC4	.816	.000	.000	.000	.000
OC1	.115	.272	.049	.577	.000
OC2	.176	.417	.076	.885	.000
OC3	.131	.309	.056	.656	.000
OC4	.166	.392	.071	.832	.000
SI4	.092	.247	.143	.468	.848
SI3	.080	.215	.124	.408	.738
SI2	.095	.253	.146	.480	.869
SI1	.089	.237	.137	.449	.813
EP4	.000	.824	.000	.000	.000

EP3	.000	.785	.000	.000	.000
EP2	.000	.802	.000	.000	.000
EP1	.000	.685	.000	.000	.000

Direct Effects (Group number 1 - Default model)

	ACC	EPI	JSS	OCC	SIT
JSS	-.125	3.024	.000	.000	.000
OCC	.260	.613	.010	.000	.000
SIT	.000	.000	.006	.229	.000
JS1	.000	.000	.066	.000	.000
JS2	.000	.000	.068	.000	.000
JS3	.000	.000	.059	.000	.000
JS5	.000	.000	1.000	.000	.000
JS4	.000	.000	.060	.000	.000
AC1	.872	.000	.000	.000	.000
AC2	1.077	.000	.000	.000	.000
AC3	.904	.000	.000	.000	.000
AC4	1.000	.000	.000	.000	.000
OC1	.000	.000	.000	.853	.000
OC2	.000	.000	.000	1.133	.000
OC3	.000	.000	.000	.674	.000
OC4	.000	.000	.000	1.000	.000
SI4	.000	.000	.000	.000	1.158
SI3	.000	.000	.000	.000	1.058
SI2	.000	.000	.000	.000	1.076
SI1	.000	.000	.000	.000	1.000
EP4	.000	.924	.000	.000	.000
EP3	.000	.835	.000	.000	.000
EP2	.000	1.040	.000	.000	.000
EP1	.000	1.000	.000	.000	.000

Standardized Direct Effects (Group number 1 - Default model)

	ACC	EPI	JSS	OCC	SIT
JSS	-.011	.252	.000	.000	.000
OCC	.200	.450	.085	.000	.000
SIT	.000	.000	.121	.553	.000
JS1	.000	.000	.739	.000	.000
JS2	.000	.000	.748	.000	.000
JS3	.000	.000	.680	.000	.000
JS5	.000	.000	.732	.000	.000
JS4	.000	.000	.705	.000	.000
AC1	.822	.000	.000	.000	.000
AC2	.820	.000	.000	.000	.000
AC3	.837	.000	.000	.000	.000
AC4	.816	.000	.000	.000	.000
OC1	.000	.000	.000	.577	.000
OC2	.000	.000	.000	.885	.000
OC3	.000	.000	.000	.656	.000
OC4	.000	.000	.000	.832	.000
SI4	.000	.000	.000	.000	.848
SI3	.000	.000	.000	.000	.738
SI2	.000	.000	.000	.000	.869
SI1	.000	.000	.000	.000	.813
EP4	.000	.824	.000	.000	.000
EP3	.000	.785	.000	.000	.000
EP2	.000	.802	.000	.000	.000
EP1	.000	.685	.000	.000	.000

Indirect Effects (Group number 1 - Default model)

	ACC	EPI	JSS	OCC	SIT
JSS	.000	.000	.000	.000	.000
OCC	-.001	.029	.000	.000	.000
SIT	.059	.164	.002	.000	.000
JS1	-.008	.198	.000	.000	.000
JS2	-.009	.206	.000	.000	.000
JS3	-.007	.180	.000	.000	.000
JS5	-.125	3.024	.000	.000	.000
JS4	-.008	.181	.000	.000	.000
AC1	.000	.000	.000	.000	.000
AC2	.000	.000	.000	.000	.000
AC3	.000	.000	.000	.000	.000
AC4	.000	.000	.000	.000	.000
OC1	.221	.548	.008	.000	.000
OC2	.294	.728	.011	.000	.000

OC3	.175	.433	.007	.000	.000
OC4	.259	.642	.010	.000	.000
SI4	.068	.191	.009	.266	.000
SI3	.062	.174	.008	.243	.000
SI2	.063	.177	.009	.247	.000
SI1	.059	.164	.008	.229	.000
EP4	.000	.000	.000	.000	.000
EP3	.000	.000	.000	.000	.000
EP2	.000	.000	.000	.000	.000
EP1	.000	.000	.000	.000	.000

Standardized Indirect Effects (Group number 1 - Default model)

	ACC	EPI	JSS	OCC	SIT
JSS	.000	.000	.000	.000	.000
OCC	-.001	.021	.000	.000	.000
SIT	.109	.291	.047	.000	.000
JS1	-.008	.186	.000	.000	.000
JS2	-.008	.188	.000	.000	.000
JS3	-.007	.171	.000	.000	.000
JS5	-.008	.184	.000	.000	.000
JS4	-.008	.177	.000	.000	.000
AC1	.000	.000	.000	.000	.000
AC2	.000	.000	.000	.000	.000
AC3	.000	.000	.000	.000	.000
AC4	.000	.000	.000	.000	.000
OC1	.115	.272	.049	.000	.000
OC2	.176	.417	.076	.000	.000
OC3	.131	.309	.056	.000	.000
OC4	.166	.392	.071	.000	.000
SI4	.092	.247	.143	.468	.000
SI3	.080	.215	.124	.408	.000
SI2	.095	.253	.146	.480	.000
SI1	.089	.237	.137	.449	.000
EP4	.000	.000	.000	.000	.000
EP3	.000	.000	.000	.000	.000
EP2	.000	.000	.000	.000	.000
EP1	.000	.000	.000	.000	.000

Modification Indices (Group number 1 - Default model)

Covariances: (Group number 1 - Default model)

	M.I.	Par Change
ZSI <--> EPI	19.792	.185
ZSI <--> ZOC	12.480	-.176
te6 <--> ZSI	12.042	-.233
te7 <--> ACC	4.180	.183
te7 <--> EPI	4.456	-.182
te7 <--> td5	5.117	.134
te8 <--> ACC	4.075	-.189
te8 <--> EPI	5.748	.217
te8 <--> ZSI	6.796	-.114
te8 <--> te6	5.206	.334
te9 <--> td5	7.504	-.162
te13 <--> EPI	5.102	.088
te12 <--> te1	6.641	-.094
te12 <--> te13	8.376	.061
te10 <--> te11	5.346	.032
td4 <--> te10	7.952	.074
td3 <--> te5	4.171	1.464
td3 <--> te6	7.564	-.271
td3 <--> te7	4.345	.128
td3 <--> td4	5.878	.100
td2 <--> te13	7.730	.091
td1 <--> ZSI	9.742	.140
td1 <--> td2	6.597	.198

Variances: (Group number 1 - Default model)

	M.I.	Par Change
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Regression Weights: (Group number 1 - Default model)

	M.I.	Par Change
SIT <--- ACC	7.753	.071
SIT <--- EPI	24.870	.135

JS1 <--- SI3	6.018	-.121
JS1 <--- EP1	5.349	-.063
JS5 <--- ACC	4.432	1.310
JS5 <--- AC1	4.286	1.150
JS5 <--- AC4	4.357	1.003
OC1 <--- SIT	7.564	-.435
OC1 <--- AC1	4.933	-.169
OC1 <--- SI4	8.181	-.314
OC1 <--- SI3	5.651	-.249
OC1 <--- SI2	6.493	-.309
OC1 <--- SI1	4.901	-.270
OC1 <--- EP3	6.952	-.210
OC1 <--- EP1	4.022	-.116
OC2 <--- AC1	5.496	.111
OC2 <--- EP1	5.338	-.083
OC3 <--- SI1	5.034	-.179
OC3 <--- EP4	5.230	.113
OC4 <--- AC1	5.648	-.113
SI4 <--- EPI	6.254	.063
SI4 <--- EP3	4.828	.049
SI4 <--- EP2	11.083	.061
SI2 <--- JS3	4.673	-.043
SI2 <--- JS4	4.375	-.042
EP4 <--- SI1	5.281	.123
EP3 <--- OC1	6.409	-.047
EP2 <--- SIT	4.227	.170
EP2 <--- SI4	8.603	.168
EP1 <--- SI2	5.021	.181

Minimization History (Default model)

Iteration		Negative eigenvalues	Condition #	Smallest eigenvalue	Diameter	F	NTries	Ratio
0	e	10		-.552	9999.000	4385.232	0	9999.000
1	e*	7		-.114	4.165	1551.223	20	.357
2	e*	1		-.039	1.290	725.254	5	.677
3	e	0	211.399		.823	398.144	5	.973
4	e	0	56.739		.531	331.988	3	.000
5	e	0	40.949		.481	291.600	1	.999
6	e	0	40.642		.107	286.525	1	1.059
7	e	0	39.525		.018	286.461	1	1.016
8	e	0	39.808		.000	286.461	1	1.001

Model Fit Summary

CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	50	286.461	181	.000	1.583
Saturated model	231	.000	0		
Independence model	21	4441.436	210	.000	21.150

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Default model	.410	.938	.921	.735
Saturated model	.000	1.000		
Independence model	2.362	.342	.277	.311

Baseline Comparisons

Model	NFI	RFI	IFI	TLI	CFI
	Delta1	rho1	Delta2	rho2	
Default model	.936	.925	.975	.971	.975
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

Parsimony-Adjusted Measures

Model	PRATIO	PNFI	PCFI
Default model	.862	.806	.840
Saturated model	.000	.000	.000
Independence model	1.000	.000	.000

NCP

Model	NCP	LO 90	HI 90

Default model	105.461	63.332	155.521
Saturated model	.000	.000	.000
Independence model	4231.436	4018.352	4451.789

FMIN

Model	FMIN	F0	LO 90	HI 90
Default model	.718	.264	.159	.390
Saturated model	.000	.000	.000	.000
Independence model	11.131	10.605	10.071	11.157

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.038	.030	.046	.992
Independence model	.225	.219	.231	.000

AIC

Model	AIC	BCC	BIC	CAIC
Default model	386.461	392.297	586.034	636.034
Saturated model	462.000	488.960	1384.028	1615.028
Independence model	4483.436	4485.887	4567.256	4588.256

ECVI

Model	ECVI	LO 90	HI 90	MECVI
Default model	.969	.863	1.094	.983
Saturated model	1.158	1.158	1.158	1.225
Independence model	11.237	10.703	11.789	11.243

HOELTER

Model	HOELTER .05	HOELTER .01
Default model	298	318
Independence model	22	24

Execution time summary

Minimization: .015
 Miscellaneous: .275
 Bootstrap: .000
 Total: .290