

**Path Analysis of the Chronicity of Depression using the Comprehensive Developmental Model
Framework**

ONLINE SUPPLEMENTARY MATERIAL

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1. DESCRIPTION OF SEM PATHWAYS IN MODEL E

The relationships among variables in each life phase, and their relationships with variables in subsequent phases into pathways leading to Depression Severity (DS) at W3 are explained below, starting with the final outcome (DS at W3) and life phases more proximal to it.

Final Outcome: Depression Severity at Wave 3 (W3)

DS at W3 was positively predicted by SSP-Somatic Trait Anxiety (i.e. STA, LP3), depressive symptoms at W3-(LP5), life difficulties at W3-(LP6), and other dependent life events at W3-(LP6). Also, it was negatively predicted by partner loss at W1-(LP4). Among these predictors, the strongest was depressive symptoms at W3, belonging to LP5; and followed by other dependent life events at W3 and life difficulties at W3, both belonging to LP6, i.e. the most proximal to DS outcome.

Life Phase 6: Last Year Factors at Wave 3

As seen in Figures 1 and 2, among the last year factors (W3), only life difficulties and other dependent life events positively predicted DS at W3. Marital problems (LP6) were directly and negatively predicted by depression symptoms at W1-(LP4), but it had no effects on the final outcome (DS at W3).

Life Phase 5: Adulthood Factors at Wave 2

As seen in Figures 1 and 2, depressive symptoms at W2-(LP4) directly and positively predicted DS at W3. Additionally, the number of chronic diseases had an indirect effect on DS at W3, through life difficulties at W3-(LP5). Depressive symptoms at W2 were predicted by depressive symptoms at W1 and by the three personality facets (LP3, SSP-STA, SSP-E and SSP-D). Interestingly, SSP-STA and SSP-E were stronger than depressive symptoms at W1 as determinants of depressive symptoms at W2.

On the other hand, disability level at W2-(LP5) was predicted by previous disability (at LP4), SSP-STA (at LP3, beta= 0.303), and SSP-E (at LP3, beta= 0.236); these paths are not shown in figures. But disability had no effects on depression-related paths. Anxiety at W2-(LP5) was predicted by SSP-STA (at LP3, beta= 0.297), SSP-SS (at LP3, beta= 0.156), and SSP-E (at LP3, beta= 0.340); these paths are not shown in figures. Similarly to disability, anxiety at W2 had no effects on depression-related paths.

Life Phase 4: Adulthood Factors at Wave 1

As seen in Figures 1 and 2, depressive symptoms at W1-(LP4) were uniquely predicted by the personality facet SSP-SS (LP3). Non-other precedent variable was related with depressive symptoms at W1. Additionally, other negative life events (LP4) determined life difficulties (LP6) and other dependent life events (LP6), which subsequently had effects on DS at W3. Partner loss at W2-(LP4) negatively predicted DS at W3. Furthermore, depressive symptoms at W1-(LP4) predicted depressive symptoms in the next wave (W2, LP5) and negatively predicted marital problems at W3-(LP6), but the latter had no effects on DS at W3. The effect of depression symptoms at W1-(LP4) on DS at W3 was completely mediated by depression symptoms at W2-(LP5). The effect of other negative life events (LP4) on DS at W3 was completely mediated by other dependent life events (LP6) and life difficulties (LP6).

On the other hand, disability level at W1-(LP4) was predicted by SSP-SS (LP3, $\beta = 0.169$) and SSP-E (LP3, $\beta = 0.190$) and by being a woman (LP1, $\beta = -0.125$); additionally, anxiety at W1-(LP4) was predicted by SSP-E (at LP3, $\beta = 0.289$) and SSP-D (at LP3, $\beta = 0.164$) (these paths not shown in figures); but neither disability nor anxiety had effects on depression-related paths.

Life Phase 3: Personality Factors

As seen in Figures 1 and 2, SSP-STA (LP3) directly predicted depression symptoms at W2-(LP5), chronic diseases at W2-(LP5) and DS at W3 (the final outcome). SSP-SS predicted depression symptoms at W1-(LP4) and negatively predicted other negative life events at W1-(LP4). SSP-E was the most connected endogenous variable over the depression-related paths in the best-fit model; thus it was predicted by three variables and it determined four. SSP-E positively predicted partner loss at W1-(LP4), other negative life events at W1-(LP4), depressive symptoms at W2-(LP5) and other dependent life events at W3-(LP6). SSP-D negatively predicted other negative life events at W1-(LP4) and depressive symptoms at W2-(LP5). All personality facets in LP3 had significant effects on the outcome (DS at W3), but such effects were completely mediated for SSP-SS and SSP-E through previous depressive symptoms (at W1 and W2) and different life events. In contrast, SSP-STA had both direct and indirect effects on DS at W3.

Life Phase 2: Baseline Adulthood Factors

As seen in Figures 1 and 2, age was the exogenous variable that predicted most endogenous depression-related variables in the model: six variables. Age positively predicted personal history of mental disease (LP2), SSP-SS (LP3), SSP-D (LP3) and chronic diseases at W2-(LP5); and it negatively predicted partner loss at W1-(LP4) and other dependent life events at W3-(LP6). The personal history of mental disease (LP2) was the second most connected endogenous variable over the depression-related paths in the best-fit model, it was predicted by two exogenous variables (age and

familial history of mental diseases), and subsequently it determined three variables: SSP-STA, SSP-SS and SSP-E, all belonging to LP3. Interestingly, detachment (SSP-D) was the unique personality facet that was not determined by the familial history of mental diseases. Finally, low educational levels (LP2), which were determined by childhood parental loss and other childhood adversities, positively predicted SSP-E (LP3) and chronic diseases at W2-(LP5). Although all variables in LP2 were part of depression-related paths, no one had direct effects on DS at W3.

Life Phase 1: Family and Childhood Factors

This life phase only included exogenous variables. As seen in Figures 1 and 2, familial history of mental diseases predicted personal history of mental disease (LP2), other negative life events at W1-(LP4) and other dependent life events at W3-(LP6). Being woman determined two personality facets: SSP-STA (LP3) and SSP-D (LP3). Childhood parental loss (LP1) only determined low educational levels (LP2). Finally, other childhood adversities (LP1) predicted low educational levels (LP2) and SSP-E (LP3). Although all variables in LP1 were part of depression-related paths, no one had direct effects on DS at W3.

2. SAMPLE CORRELATION MATRIX

eTable. Sample correlation matrix between the study variables.

#	1 ^{a,b}	2 ^{a,b}	4 ^{a,b}	3 ^{a,b}	5 ^{a,c}	6 ^o	7 ^b	8 ^c	9 ^c	10 ^c	11 ^c	12 ^o	13	
Name	Woman	T1fhmd	T1cspr	T1cpls	T2age1	T2iedu1	T2hmd1	T3ksta	T3kssp	T3kemb	T3kdet	T4isps1	T4ohhz1	
1	Woman ^{a,b}													
2	T1fhmd ^{a,b}	0.146*												
4	T1cspr ^{a,b}	0.055	0.236***											
3	T1cpls ^{a,b}	-0.060	0.077	0.433****										
5	T2age1 ^{a,c}	-0.030	-0.020	0.096	-0.185***									
6	T2iedu1 ^o	-0.099	-0.069	0.156**	0.168**	0.086*								
7	T2hmd1 ^b	-0.054	0.176*	0.134	0.117	0.151**	0.105							
8	T3ksta ^c	0.180**	0.152*	0.061	0.113	0.098*	0.025	0.241***						
9	T3kssp ^c	-0.014	0.097	0.045	-0.063	0.173***	-0.019	0.314****	0.528****					
10	T3kemb ^c	-0.112	0.103	0.212***	0.193**	0.037	0.119*	0.235**	0.519****	0.430****				
11	T3kdet ^c	-0.283****	0.006	-0.070	0.031	0.183****	0.096	0.049	0.163***	0.227****	0.274****			
12	T4isps1 ^o	-0.256****	0.009	0.094	0.019	0.202****	0.134**	0.189**	0.117*	0.164**	0.334****	0.369****		
13	T4ohhz1 ^b	-0.140*	-0.019	0.067	0.070	-0.172**	0.072	0.171*	0.113	0.147*	0.205***	-0.004	0.056	
14	T4dep1 ^o	-0.032	0.150**	0.104*	0.002	0.088*	0.089*	0.052	0.186***	0.187****	0.179****	0.138**	0.160***	0.084
15	T4rdis1 ^o	-0.147**	0.067	0.069	0.089	0.074	0.013	0.046	0.175***	0.212****	0.277****	0.109*	0.195****	-0.023
16	T4panx1 ^b	-0.085	0.123*	0.129*	0.079	0.098*	0.070	0.161*	0.233***	0.243***	0.275****	0.199***	0.257****	0.113
17	T4cpls1 ^b	-0.024	0.071	-0.042	0.057	-0.243****	0.044	-0.045	-0.056	-0.007	0.129	0.070	0.097	0.123
18	T4slec1 ^o	0.040	0.194***	0.166**	0.029	-0.062	0.064	0.060	0.008	-0.083	0.207****	-0.092	0.074	0.141*
19	T5dep2 ^o	-0.018	0.090	0.130*	0.003	0.044	0.077	0.176**	0.460****	0.422****	0.465****	0.245****	0.190****	0.108*
20	T5rdis2 ^o	-0.043	0.081	0.166**	0.062	0.071	0.046	0.231***	0.414****	0.431****	0.423****	0.160***	0.188****	0.043
21	T5panx2 ^b	-0.041	0.141*	0.133*	-0.018	0.100*	0.018	0.281****	0.550****	0.499****	0.509****	0.204***	0.169**	0.164**
22	T5chrd2 ^o	0.084	0.087	0.121*	-0.035	0.386****	0.146**	0.127	0.294****	0.209****	0.189**	0.084	0.138**	-0.048
25	T6dlem3 ^o	-0.006	0.246****	0.164**	0.128*	-0.151***	-0.069	0.034	0.125*	0.075	0.204****	-0.022	0.056	0.179**
23	T6mtr3 ^b	0.041	0.181**	0.069	0.014	-0.242****	0.104	0.028	0.053	-0.059	0.105	-0.044	-0.051	0.106
24	T6ldff3 ^b	-0.026	0.041	0.094	0.094	-0.050	0.098	0.128	0.025	0.000	0.148*	-0.036	0.164**	-0.046
26	T6isle3 ^o	0.096	0.055	0.047	0.013	0.142***	0.025	-0.012	0.129*	0.017	0.103*	0.002	0.157**	-0.079
27	Ommds3 ^o	0.073	0.178**	0.087	0.051	0.121*	0.090	0.189**	0.366****	0.256****	0.301****	0.194***	0.100	-0.024

* $p < 0.5$; ** $p < 0.1$; *** $p < 0.01$; **** $p < 0.001$; a Exogenous variables; Measurement scales: b Binary variable; c Continuous variable; o Ordinal variable.

Correlation types depend on the measurement scales of variables in the pair: tetrachoric, biserial, Spearman's and Pearson's correlations.

Variable Names:

T1fhmd: Familial Mental Disease; T1cspr: Other Childhood Adversities; T1cpls: Childhood Parental Loss; T2age1: Age at wave 1; T2iedu1: Low Educational Level; T2hmd1: History of Mental Disease; T3ksta: Somatic Trait Anxiety; T3kssp: Stress Susceptibility; T3kemb: Embitterment; T3kdet: Detachment; T4isps1: Inadequate Personal Support; T4ohhz1: Alcohol Misuse; T4dep1: Depressive Symptoms (LP4); T4rdis1: Disability Level (LP4); T4panx1: Anxiety Disorders (LP4); T4cpls1: Partner Loss; T4slec1: Other Negative Events; T5dep2: Depressive Symptoms (LP5); T5rdis2: Disability Level (LP5); T5panx2: Anxiety Disorders (LP5); T5chrd2: Chronic Diseases; T6dlem3: Other Dependent Life Events; T6mtr3: Marital Problems; T6ldff3: Life Difficulties; T6isle3: Independent Life Events; Ommds3: Depression Severity (DS).

eTable. Sample correlation matrix between the study variables (cont).

#	14 ^o	15 ^o	16 ^b	17 ^b	18 ^o	19 ^o	20 ^o	21 ^b	22 ^o	25 ^o	23 ^b	24 ^b	26 ^o	
Name	T4dep1	T4rdis1	T4panx1	T4cpls1	T4slec1	T5dep2	T5rdis2	T5panx2	T5chrd2	T6dlem3	T6mtr3	T6ldff3	T6isle3	
14	T4dep1 ^o													
15	T4rdis1 ^o	0.454****												
16	T4panx1 ^b	0.385****	0.394****											
17	T4cpls1 ^b	0.165**	0.149*	0.142										
18	T4slec1 ^o	0.148***	0.181****	0.076	0.370****									
19	T5dep2 ^o	0.250****	0.214****	0.179***	0.037	0.054								
20	T5rdis2 ^o	0.194****	0.408****	0.171***	0.047	0.139**	0.659****							
21	T5panx2 ^b	0.132**	0.165***	0.282****	0.055	0.045	0.692****	0.491****						
22	T5chrd2 ^o	0.097*	0.124**	0.060	-0.087	0.026	0.239****	0.234****	0.250****					
25	T6dlem3 ^o	0.022	0.103*	0.054	0.109	0.294****	0.120*	0.149**	0.153**	-0.022				
23	T6mtr3 ^b	-0.136*	0.011	-0.031	0.200*	0.213***	-0.039	-0.002	0.084	-0.104	0.411****			
24	T6ldff3 ^b	0.055	0.073	0.007	-0.050	0.240****	0.136*	0.127*	0.089	0.162**	0.230***	0.153*		
26	T6isle3 ^o	0.028	0.083	0.026	0.028	0.188****	0.102*	0.102*	0.126*	0.245****	0.240****	0.145*	0.140*	
27	Ommds3 ^o	0.215****	0.194****	0.191**	-0.081	0.082	0.481****	0.430****	0.384****	0.245****	0.266****	0.123	0.246****	0.126*

* p < 0.5; ** p < 0.1; *** p < 0.01; **** p < 0.001; a Exogenous variables; Measurement scales: b Binary variable; c Continuous variable; o Ordinal variable.

Correlation types depend on the measurement scales of variables in the pair: tetrachoric, biserial, Spearman's and Pearson's correlations.

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3. RESULTS OF SEM MODELS

A. MODEL A.

SUMMARY OF ANALYSIS

Number of groups	1
Number of observations	651
Number of dependent variables	22
Number of independent variables	5
Number of continuous latent variables	0

TESTS OF MODEL FIT

Chi-Square Test of Model Fit

Value	7.369
Degrees of Freedom	2
P-Value	0.0251

Chi-Square Test of Model Fit for the Baseline Model

Value	6422.375
Degrees of Freedom	341
P-Value	0.0000

CFI/TLI

CFI	0.999
TLI	0.849

Number of Free Parameters 402

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.064
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MODEL RESULTS

	Estimates	S.E.	Est./S.E.	Std	StdYX
T2IEDU1 ON					
T1FHMD	-0.166	0.092	-1.800	-0.166	-0.080
T1CSPR	0.258	0.098	2.624	0.258	0.118
T1CPLS	0.233	0.102	2.278	0.233	0.102
WOMAN	-0.096	0.105	-0.914	-0.096	-0.041
T2HMD1 ON					
T1FHMD	0.253	0.124	2.038	0.253	0.122
T1CSPR	0.196	0.131	1.496	0.196	0.090
T1CPLS	0.120	0.137	0.872	0.120	0.053
WOMAN	-0.109	0.140	-0.781	-0.109	-0.047
T3KSTA ON					
T2IEDU1	0.001	0.031	0.037	0.001	0.002
T2HMD1	0.113	0.043	2.610	0.113	0.193
T2AGE1	0.007	0.003	2.647	0.007	0.145
T1FHMD	0.116	0.058	1.998	0.116	0.097
T1CSPR	-0.018	0.068	-0.263	-0.018	-0.014
T1CPLS	0.135	0.067	2.022	0.135	0.102
WOMAN	0.218	0.071	3.092	0.218	0.162
T3KSSP ON					

T2IEDU1	-0.024	0.028	-0.838	-0.024	-0.045
T2HMD1	0.151	0.035	4.367	0.151	0.292
T2AGE1	0.008	0.002	3.276	0.008	0.176
T1FHMD	0.048	0.052	0.928	0.048	0.045
T1CSPR	0.007	0.060	0.123	0.007	0.007
T1CPLS	-0.049	0.061	-0.807	-0.049	-0.042
WOMAN	0.024	0.061	0.398	0.024	0.020
T3KEMB ON					
T2IEDU1	0.029	0.032	0.931	0.029	0.054
T2HMD1	0.105	0.040	2.638	0.105	0.192
T2AGE1	0.001	0.002	0.452	0.001	0.022
T1FHMD	0.067	0.057	1.185	0.067	0.059
T1CSPR	0.115	0.065	1.765	0.115	0.096
T1CPLS	0.127	0.060	2.118	0.127	0.102
WOMAN	-0.071	0.060	-1.184	-0.071	-0.056
T3KDET ON					
T2IEDU1	0.042	0.027	1.555	0.042	0.080
T2HMD1	0.007	0.040	0.173	0.007	0.013
T2AGE1	0.009	0.002	3.808	0.009	0.195
T1FHMD	0.039	0.051	0.769	0.039	0.036
T1CSPR	-0.101	0.062	-1.638	-0.101	-0.087
T1CPLS	0.070	0.057	1.224	0.070	0.058
WOMAN	-0.247	0.060	-4.138	-0.247	-0.202
T4ISPS1 ON					
T3KSTA	-0.186	0.144	-1.290	-0.186	-0.095
T3KSSP	-0.083	0.173	-0.481	-0.083	-0.038
T3KEMB	0.587	0.131	4.471	0.587	0.283
T3KDET	0.612	0.118	5.189	0.612	0.284
T2IEDU1	0.047	0.057	0.830	0.047	0.042
T2HMD1	0.122	0.090	1.363	0.122	0.107
T2AGE1	0.013	0.005	2.613	0.013	0.129
T1FHMD	-0.018	0.110	-0.168	-0.018	-0.008
T1CSPR	0.109	0.118	0.925	0.109	0.044
T1CPLS	-0.107	0.121	-0.883	-0.107	-0.041
WOMAN	-0.242	0.120	-2.009	-0.242	-0.092
T4OHHZ1 ON					
T3KSTA	0.059	0.140	0.420	0.059	0.033
T3KSSP	0.143	0.161	0.887	0.143	0.071
T3KEMB	0.229	0.148	1.550	0.229	0.120
T3KDET	-0.087	0.137	-0.634	-0.087	-0.044
T2IEDU1	0.059	0.065	0.910	0.059	0.056
T2HMD1	0.175	0.091	1.923	0.175	0.166
T2AGE1	-0.017	0.005	-3.451	-0.017	-0.187
T1FHMD	-0.133	0.119	-1.117	-0.133	-0.061
T1CSPR	0.030	0.130	0.227	0.030	0.013
T1CPLS	-0.008	0.134	-0.063	-0.008	-0.004
WOMAN	-0.249	0.132	-1.887	-0.249	-0.102
T4DEP1 ON					
T3KSTA	0.132	0.109	1.213	0.132	0.075
T3KSSP	0.206	0.124	1.663	0.206	0.104
T3KEMB	0.122	0.103	1.182	0.122	0.065
T3KDET	0.124	0.097	1.274	0.124	0.064
T2IEDU1	0.061	0.048	1.272	0.061	0.059
T2HMD1	-0.022	0.067	-0.334	-0.022	-0.022
T2AGE1	0.004	0.004	1.060	0.004	0.046
T1FHMD	0.204	0.092	2.224	0.204	0.096
T1CSPR	0.083	0.100	0.833	0.083	0.037
T1CPLS	-0.049	0.104	-0.468	-0.049	-0.021
WOMAN	-0.031	0.104	-0.298	-0.031	-0.013
T4RDIS1 ON					
T3KSTA	-0.025	0.109	-0.227	-0.025	-0.014
T3KSSP	0.339	0.129	2.626	0.339	0.168

T3KEMB	0.425	0.116	3.658	0.425	0.223
T3KDET	-0.067	0.100	-0.666	-0.067	-0.034
T2IEDU1	-0.014	0.047	-0.300	-0.014	-0.014
T2HMD1	-0.075	0.073	-1.029	-0.075	-0.072
T2AGE1	0.006	0.004	1.602	0.006	0.069
T1FHMD	0.100	0.090	1.114	0.100	0.046
T1CSPR	-0.035	0.101	-0.348	-0.035	-0.015
T1CPLS	0.116	0.107	1.085	0.116	0.049
WOMAN	-0.266	0.105	-2.530	-0.266	-0.110
T4PANX1 ON					
T3KSTA	0.106	0.140	0.755	0.106	0.059
T3KSSP	0.207	0.153	1.354	0.207	0.102
T3KEMB	0.249	0.133	1.873	0.249	0.129
T3KDET	0.270	0.114	2.367	0.270	0.135
T2IEDU1	0.043	0.060	0.718	0.043	0.041
T2HMD1	0.071	0.088	0.798	0.071	0.067
T2AGE1	0.004	0.005	0.805	0.004	0.041
T1FHMD	0.142	0.109	1.302	0.142	0.065
T1CSPR	0.053	0.122	0.434	0.053	0.023
T1CPLS	0.022	0.126	0.175	0.022	0.009
WOMAN	-0.070	0.130	-0.543	-0.070	-0.029
T4CPLS1 ON					
T3KSTA	-0.279	0.171	-1.631	-0.279	-0.155
T3KSSP	-0.024	0.184	-0.133	-0.024	-0.012
T3KEMB	0.380	0.172	2.203	0.380	0.199
T3KDET	0.213	0.150	1.422	0.213	0.108
T2IEDU1	0.049	0.075	0.660	0.049	0.047
T2HMD1	-0.018	0.111	-0.159	-0.018	-0.017
T2AGE1	-0.022	0.006	-3.508	-0.022	-0.247
T1FHMD	0.133	0.139	0.958	0.133	0.061
T1CSPR	-0.128	0.150	-0.854	-0.128	-0.056
T1CPLS	-0.006	0.156	-0.039	-0.006	-0.003
WOMAN	0.049	0.156	0.316	0.049	0.020
T4SLEC1 ON					
T3KSTA	-0.093	0.116	-0.799	-0.093	-0.052
T3KSSP	-0.349	0.135	-2.573	-0.349	-0.173
T3KEMB	0.577	0.122	4.731	0.577	0.302
T3KDET	-0.211	0.109	-1.927	-0.211	-0.106
T2IEDU1	0.041	0.051	0.813	0.041	0.039
T2HMD1	0.009	0.074	0.126	0.009	0.009
T2AGE1	-0.004	0.004	-1.095	-0.004	-0.046
T1FHMD	0.299	0.095	3.160	0.299	0.138
T1CSPR	0.176	0.106	1.665	0.176	0.077
T1CPLS	-0.190	0.108	-1.764	-0.190	-0.080
WOMAN	0.090	0.106	0.845	0.090	0.037
T5DEP2 ON					
T4ISPS1	0.009	0.060	0.152	0.009	0.008
T4OHHZ1	0.001	0.065	0.009	0.001	0.001
T4DEF1	0.140	0.054	2.601	0.140	0.118
T4RDIS1	0.040	0.056	0.703	0.040	0.034
T4PANX1	-0.052	0.066	-0.786	-0.052	-0.045
T4CPLS1	0.007	0.079	0.084	0.007	0.006
T4SLEC1	-0.016	0.060	-0.263	-0.016	-0.014
T3KSTA	0.495	0.111	4.477	0.495	0.238
T3KSSP	0.351	0.136	2.575	0.351	0.150
T3KEMB	0.485	0.134	3.622	0.485	0.219
T3KDET	0.261	0.115	2.269	0.261	0.114
T2IEDU1	0.039	0.052	0.750	0.039	0.032
T2HMD1	0.030	0.085	0.347	0.030	0.024
T2AGE1	-0.007	0.005	-1.430	-0.007	-0.066
T1FHMD	-0.032	0.101	-0.317	-0.032	-0.013
T1CSPR	0.179	0.112	1.593	0.179	0.068
T1CPLS	-0.214	0.117	-1.822	-0.214	-0.077
WOMAN	0.009	0.113	0.081	0.009	0.003

T5RDIS2 ON					
T4ISPS1	-0.001	0.060	-0.016	-0.001	-0.001
T4OHHZ1	-0.057	0.069	-0.824	-0.057	-0.049
T4DEP1	-0.034	0.054	-0.632	-0.034	-0.028
T4RDIS1	0.374	0.055	6.789	0.374	0.316
T4PANX1	-0.106	0.067	-1.572	-0.106	-0.090
T4CPLS1	-0.008	0.088	-0.090	-0.008	-0.007
T4SLEC1	0.082	0.062	1.312	0.082	0.069
T3KSTA	0.390	0.128	3.056	0.390	0.184
T3KSSP	0.525	0.136	3.870	0.525	0.220
T3KEMB	0.281	0.139	2.028	0.281	0.124
T3KDET	0.109	0.116	0.943	0.109	0.047
T2IEDU1	0.014	0.054	0.261	0.014	0.011
T2HMD1	0.119	0.089	1.334	0.119	0.096
T2AGE1	-0.006	0.005	-1.178	-0.006	-0.056
T1FHMD	-0.072	0.103	-0.698	-0.072	-0.028
T1CSPR	0.223	0.111	2.001	0.223	0.083
T1CPLS	-0.097	0.117	-0.828	-0.097	-0.034
WOMAN	-0.007	0.113	-0.061	-0.007	-0.002
T5PANX2 ON					
T4ISPS1	-0.019	0.080	-0.239	-0.019	-0.017
T4OHHZ1	0.052	0.086	0.605	0.052	0.042
T4DEP1	-0.064	0.075	-0.850	-0.064	-0.050
T4RDIS1	-0.005	0.079	-0.069	-0.005	-0.004
T4PANX1	0.130	0.090	1.448	0.130	0.105
T4CPLS1	0.091	0.114	0.799	0.091	0.073
T4SLEC1	-0.025	0.079	-0.316	-0.025	-0.020
T3KSTA	0.740	0.163	4.538	0.740	0.330
T3KSSP	0.431	0.161	2.671	0.431	0.171
T3KEMB	0.504	0.163	3.098	0.504	0.211
T3KDET	0.068	0.154	0.446	0.068	0.028
T2IEDU1	-0.035	0.071	-0.494	-0.035	-0.027
T2HMD1	0.063	0.107	0.584	0.063	0.048
T2AGE1	0.002	0.006	0.381	0.002	0.021
T1FHMD	0.068	0.129	0.528	0.068	0.025
T1CSPR	0.227	0.139	1.638	0.227	0.080
T1CPLS	-0.286	0.142	-2.007	-0.286	-0.096
WOMAN	-0.158	0.151	-1.046	-0.158	-0.052
T5CHRD2 ON					
T4ISPS1	0.035	0.061	0.581	0.035	0.036
T4OHHZ1	-0.052	0.073	-0.712	-0.052	-0.049
T4DEP1	0.007	0.058	0.116	0.007	0.006
T4RDIS1	0.060	0.060	1.000	0.060	0.055
T4PANX1	-0.086	0.069	-1.243	-0.086	-0.080
T4CPLS1	0.021	0.100	0.212	0.021	0.020
T4SLEC1	-0.005	0.071	-0.065	-0.005	-0.004
T3KSTA	0.465	0.110	4.211	0.465	0.240
T3KSSP	0.042	0.130	0.325	0.042	0.019
T3KEMB	0.032	0.133	0.242	0.032	0.016
T3KDET	-0.036	0.130	-0.273	-0.036	-0.017
T2IEDU1	0.137	0.057	2.422	0.137	0.122
T2HMD1	0.019	0.086	0.217	0.019	0.017
T2AGE1	0.033	0.005	6.160	0.033	0.335
T1FHMD	0.110	0.109	1.006	0.110	0.047
T1CSPR	0.065	0.118	0.549	0.065	0.026
T1CPLS	-0.081	0.123	-0.653	-0.081	-0.031
WOMAN	0.132	0.129	1.030	0.132	0.051
T6DLEM3 ON					
T5DEF2	0.010	0.095	0.100	0.010	0.010
T5RDIS2	0.028	0.072	0.383	0.028	0.031
T5PANX2	0.073	0.102	0.715	0.073	0.087
T5CHRD2	-0.024	0.064	-0.374	-0.024	-0.024
T4ISPS1	0.045	0.068	0.659	0.045	0.047
T4OHHZ1	0.158	0.071	2.243	0.158	0.151

T4DEP1	-0.077	0.064	-1.190	-0.077	-0.071
T4RDIS1	0.071	0.068	1.047	0.071	0.067
T4PANX1	-0.028	0.078	-0.364	-0.028	-0.027
T4CPLS1	-0.033	0.092	-0.356	-0.033	-0.031
T4SLEC1	0.274	0.068	4.011	0.274	0.261
T3KSTA	0.079	0.165	0.476	0.079	0.042
T3KSSP	0.000	0.161	-0.002	0.000	0.000
T3KEMB	0.022	0.159	0.137	0.022	0.011
T3KDET	-0.038	0.144	-0.266	-0.038	-0.018
T2IEDU1	-0.089	0.061	-1.456	-0.089	-0.081
T2HMD1	-0.048	0.085	-0.558	-0.048	-0.043
T2AGE1	-0.012	0.006	-2.226	-0.012	-0.130
T1FHMD	0.297	0.110	2.703	0.297	0.131
T1CSPR	0.101	0.119	0.843	0.101	0.042
T1CPLS	0.126	0.129	0.974	0.126	0.050
WOMAN	0.031	0.134	0.234	0.031	0.012
T6MTPR3 ON					
T5DEP2	-0.151	0.113	-1.335	-0.151	-0.161
T5RDIS2	0.002	0.082	0.029	0.002	0.003
T5PANX2	0.153	0.127	1.205	0.153	0.177
T5CHRD2	-0.091	0.073	-1.249	-0.091	-0.091
T4ISPS1	-0.018	0.083	-0.213	-0.018	-0.018
T4OHHZ1	0.023	0.088	0.258	0.023	0.021
T4DEP1	-0.219	0.092	-2.371	-0.219	-0.198
T4RDIS1	0.128	0.098	1.308	0.128	0.118
T4PANX1	-0.116	0.101	-1.148	-0.116	-0.109
T4CPLS1	0.183	0.111	1.653	0.183	0.170
T4SLEC1	0.125	0.084	1.481	0.125	0.116
T3KSTA	0.262	0.180	1.457	0.262	0.135
T3KSSP	-0.263	0.204	-1.286	-0.263	-0.121
T3KEMB	0.049	0.188	0.258	0.049	0.024
T3KDET	0.038	0.160	0.236	0.038	0.018
T2IEDU1	0.196	0.080	2.440	0.196	0.174
T2HMD1	0.072	0.102	0.707	0.072	0.064
T2AGE1	-0.016	0.007	-2.353	-0.016	-0.166
T1FHMD	0.295	0.133	2.214	0.295	0.126
T1CSPR	0.062	0.153	0.402	0.062	0.025
T1CPLS	-0.229	0.160	-1.426	-0.229	-0.089
WOMAN	0.027	0.148	0.180	0.027	0.010
T6LDF3 ON					
T5DEP2	0.061	0.101	0.604	0.061	0.068
T5RDIS2	-0.007	0.082	-0.087	-0.007	-0.008
T5PANX2	0.033	0.114	0.288	0.033	0.040
T5CHRD2	0.177	0.073	2.432	0.177	0.185
T4ISPS1	0.142	0.082	1.728	0.142	0.149
T4OHHZ1	-0.086	0.084	-1.031	-0.086	-0.084
T4DEP1	0.059	0.081	0.725	0.059	0.056
T4RDIS1	-0.020	0.088	-0.225	-0.020	-0.019
T4PANX1	-0.040	0.090	-0.442	-0.040	-0.039
T4CPLS1	-0.208	0.118	-1.761	-0.208	-0.202
T4SLEC1	0.273	0.087	3.141	0.273	0.265
T3KSTA	-0.187	0.179	-1.043	-0.187	-0.101
T3KSSP	-0.027	0.167	-0.161	-0.027	-0.013
T3KEMB	0.123	0.184	0.668	0.123	0.062
T3KDET	-0.105	0.163	-0.649	-0.105	-0.052
T2IEDU1	0.076	0.070	1.088	0.076	0.071
T2HMD1	0.084	0.096	0.877	0.084	0.078
T2AGE1	-0.016	0.007	-2.350	-0.016	-0.176
T1FHMD	-0.050	0.127	-0.393	-0.050	-0.022
T1CSPR	-0.073	0.142	-0.513	-0.073	-0.031
T1CPLS	0.118	0.145	0.814	0.118	0.048
WOMAN	-0.051	0.149	-0.341	-0.051	-0.020
T6ISLE3 ON					
T5DEP2	0.017	0.084	0.197	0.017	0.019
T5RDIS2	-0.037	0.066	-0.566	-0.037	-0.044

T5PANX2	0.080	0.093	0.859	0.080	0.099
T5CHRD2	0.175	0.059	2.970	0.175	0.186
T4ISPS1	0.131	0.062	2.106	0.131	0.140
T4OHHZ1	-0.059	0.070	-0.845	-0.059	-0.058
T4DEP1	-0.039	0.057	-0.673	-0.039	-0.037
T4RDIS1	0.045	0.067	0.678	0.045	0.045
T4PANX1	-0.043	0.074	-0.580	-0.043	-0.043
T4CPLS1	-0.032	0.092	-0.347	-0.032	-0.031
T4SLEC1	0.212	0.067	3.171	0.212	0.209
T3KSTA	0.117	0.158	0.740	0.117	0.064
T3KSSP	-0.076	0.157	-0.482	-0.076	-0.037
T3KEMB	-0.027	0.156	-0.170	-0.027	-0.014
T3KDET	-0.068	0.130	-0.521	-0.068	-0.034
T2IEDU1	-0.011	0.055	-0.192	-0.011	-0.010
T2HMD1	-0.097	0.078	-1.256	-0.097	-0.092
T2AGE1	0.003	0.005	0.596	0.003	0.035
T1FHMD	-0.023	0.102	-0.224	-0.023	-0.010
T1CSPR	-0.074	0.113	-0.660	-0.074	-0.032
T1CPLS	0.060	0.118	0.509	0.060	0.025
WOMAN	0.185	0.122	1.521	0.185	0.075
O1MMDS3 ON					
T6DLEM3	0.214	0.086	2.500	0.214	0.184
T6MTPR3	0.112	0.101	1.109	0.112	0.099
T6LDFF3	0.156	0.086	1.819	0.156	0.132
T6ISLE3	-0.059	0.070	-0.849	-0.059	-0.049
T5DEP2	0.300	0.091	3.282	0.300	0.285
T5RDIS2	0.138	0.074	1.861	0.138	0.133
T5PANX2	-0.004	0.106	-0.037	-0.004	-0.004
T5CHRD2	0.087	0.075	1.168	0.087	0.077
T4ISPS1	-0.084	0.078	-1.083	-0.084	-0.075
T4OHHZ1	-0.091	0.087	-1.038	-0.091	-0.075
T4DEP1	0.124	0.074	1.671	0.124	0.099
T4RDIS1	-0.021	0.077	-0.277	-0.021	-0.017
T4PANX1	0.091	0.087	1.047	0.091	0.075
T4CPLS1	-0.161	0.117	-1.378	-0.161	-0.132
T4SLEC1	-0.016	0.085	-0.194	-0.016	-0.013
T3KSTA	0.204	0.173	1.183	0.204	0.093
T3KSSP	-0.114	0.188	-0.608	-0.114	-0.046
T3KEMB	0.023	0.183	0.127	0.023	0.010
T3KDET	0.234	0.154	1.522	0.234	0.097
T2IEDU1	0.014	0.069	0.211	0.014	0.011
T2HMD1	0.083	0.098	0.849	0.083	0.065
T2AGE1	0.007	0.007	1.048	0.007	0.063
T1FHMD	0.079	0.125	0.635	0.079	0.030
T1CSPR	-0.110	0.144	-0.765	-0.110	-0.040
T1CPLS	0.046	0.152	0.305	0.046	0.016
WOMAN	0.175	0.148	1.187	0.175	0.059
T2IEDU1 WITH					
T2HMD1	0.100	0.067	1.490	0.100	0.097
T3KSTA WITH					
T3KSSP	0.139	0.016	8.774	0.139	0.444
T3KEMB	0.152	0.018	8.524	0.152	0.459
T3KDET	0.050	0.014	3.715	0.050	0.158
T3KSSP WITH					
T3KEMB	0.110	0.015	7.244	0.110	0.374
T3KDET	0.059	0.013	4.382	0.059	0.207
T3KEMB WITH					
T3KDET	0.075	0.014	5.521	0.075	0.250
T4ISPS1 WITH					
T4OHHZ1	0.015	0.072	0.213	0.015	0.012
T4DEP1	0.095	0.053	1.797	0.095	0.079
T4RDIS1	0.105	0.053	1.989	0.105	0.086

T4PANX1	0.137	0.067	2.041	0.137	0.110
T4CPLS1	0.105	0.080	1.313	0.105	0.085
T4SLEC1	0.054	0.059	0.919	0.054	0.044
T4OHHZ1 WITH					
T4DEP1	0.050	0.057	0.870	0.050	0.045
T4PANX1	0.051	0.072	0.703	0.051	0.044
T4CPLS1	0.114	0.085	1.340	0.114	0.100
T4SLEC1	0.110	0.060	1.852	0.110	0.097
T4DEP1 WITH					
T4PANX1	0.320	0.050	6.375	0.320	0.286
T4CPLS1	0.186	0.057	3.244	0.186	0.168
T4SLEC1	0.141	0.044	3.180	0.141	0.127
T4RDIS1 WITH					
T4OHHZ1	-0.106	0.058	-1.816	-0.106	-0.093
T4DEP1	0.424	0.037	11.513	0.424	0.383
T4PANX1	0.332	0.050	6.637	0.332	0.291
T4CPLS1	0.159	0.067	2.377	0.159	0.140
T4SLEC1	0.165	0.048	3.470	0.165	0.146
T4PANX1 WITH					
T4CPLS1	0.157	0.083	1.885	0.157	0.137
T4SLEC1	0.048	0.058	0.826	0.048	0.042
T4CPLS1 WITH					
T4SLEC1	0.362	0.069	5.205	0.362	0.319
T5RDIS2 WITH					
T5DEP2	0.552	0.032	17.158	0.552	0.356
T5PANX2	0.287	0.061	4.736	0.287	0.172
T5CHRD2	0.107	0.052	2.061	0.107	0.074
T5DEP2 WITH					
T5PANX2	0.558	0.046	12.177	0.558	0.341
T5CHRD2	0.125	0.051	2.438	0.125	0.089
T5PANX2 WITH					
T5CHRD2	0.101	0.065	1.552	0.101	0.066
T6DLEM3 WITH					
T6MTPR3	0.380	0.066	5.745	0.380	0.296
T6LDFF3	0.193	0.071	2.734	0.193	0.157
T6ISLE3	0.209	0.057	3.681	0.209	0.173
T6MTPR3 WITH					
T6LDFF3	0.184	0.090	2.037	0.184	0.146
T6ISLE3	0.148	0.074	1.999	0.148	0.119
T6LDFF3 WITH					
T6ISLE3	0.067	0.067	0.990	0.067	0.056

B. MODEL B.

SUMMARY OF ANALYSIS

Number of groups	1
Number of observations	651
Number of dependent variables	22
Number of independent variables	5
Number of continuous latent variables	0

TESTS OF MODEL FIT

Chi-Square Test of Model Fit

Value	419.112
Degrees of Freedom	238
P-Value	0.0000

Chi-Square Test of Model Fit for the Baseline Model

Value	6422.375
Degrees of Freedom	341
P-Value	0.0000

CFI/TLI

CFI	0.970
TLI	0.957

Number of Free Parameters 166

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.034
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MODEL RESULTS

	Estimates	S.E.	Est./S.E.	Std	StdYX
T2IEDU1 ON					
T1CSPR	0.205	0.077	2.645	0.205	0.094
T1CPLS	0.254	0.082	3.114	0.254	0.112
T2HMD1 ON					
T1FHMD	0.277	0.098	2.815	0.277	0.135
T3KSTA ON					
T2HMD1	0.089	0.026	3.434	0.089	0.160
T2AGE1	0.006	0.002	3.570	0.006	0.128
T1FHMD	-0.002	0.035	-0.070	-0.002	-0.002
T1CPLS	0.231	0.040	5.767	0.231	0.183
WOMAN	0.296	0.042	7.029	0.296	0.231
T3KSSP ON					
T2HMD1	0.112	0.022	4.995	0.112	0.235
T2AGE1	0.005	0.002	3.337	0.005	0.131
T3KEMB ON					
T2HMD1	0.015	0.025	0.608	0.015	0.030
T1CPLS	0.217	0.040	5.457	0.217	0.186
T3KDET ON					
T2AGE1	0.007	0.002	4.085	0.007	0.163

WOMAN	-0.161	0.043	-3.703	-0.161	-0.139
T4ISPS1 ON					
T3KEMB	0.457	0.083	5.520	0.457	0.211
T3KDET	0.547	0.085	6.403	0.547	0.246
T2AGE1	0.020	0.003	5.711	0.020	0.207
WOMAN	-0.380	0.085	-4.453	-0.380	-0.148
T4OHHZ1 ON					
T2AGE1	-0.012	0.004	-3.241	-0.012	-0.137
T4DEP1 ON					
T1FHMD	0.100	0.059	1.678	0.100	0.049
T4RDIS1 ON					
T3KSSP	0.106	0.071	1.494	0.106	0.050
T3KEMB	0.289	0.067	4.295	0.289	0.147
WOMAN	-0.256	0.065	-3.927	-0.256	-0.110
T4PANX1 ON					
T3KDET	0.439	0.081	5.435	0.439	0.217
T4CPLS1 ON					
T3KEMB	0.383	0.114	3.353	0.383	0.190
T2AGE1	-0.021	0.005	-4.448	-0.021	-0.235
T4SLEC1 ON					
T3KSSP	-0.752	0.099	-7.588	-0.752	-0.337
T3KEMB	0.442	0.086	5.126	0.442	0.215
T1FHMD	0.312	0.074	4.211	0.312	0.143
T1CSPR	0.082	0.077	1.067	0.082	0.036
T5DEP2 ON					
T4DEP1	0.180	0.027	6.611	0.180	0.148
T3KSTA	0.562	0.082	6.832	0.562	0.259
T3KSSP	0.427	0.099	4.334	0.427	0.168
T3KEMB	0.499	0.088	5.662	0.499	0.213
T3KDET	0.251	0.059	4.279	0.251	0.104
T5RDIS2 ON					
T4RDIS1	0.352	0.025	14.013	0.352	0.300
T3KSTA	0.337	0.096	3.496	0.337	0.158
T3KSSP	0.502	0.090	5.558	0.502	0.201
T3KEMB	0.386	0.092	4.174	0.386	0.168
T1CSPR	0.070	0.059	1.178	0.070	0.027
T5PANX2 ON					
T3KSTA	0.782	0.115	6.806	0.782	0.352
T3KSSP	0.670	0.113	5.920	0.670	0.258
T3KEMB	0.322	0.104	3.085	0.322	0.134
T1CPLS	-0.272	0.089	-3.040	-0.272	-0.097
T5CHRD2 ON					
T3KSTA	0.628	0.072	8.724	0.628	0.308
T2IEDU1	0.164	0.043	3.826	0.164	0.145
T2AGE1	0.031	0.004	8.690	0.031	0.322
T6DLEM3 ON					
T4OHHZ1	0.064	0.046	1.407	0.064	0.060
T4SLEC1	0.263	0.039	6.665	0.263	0.262
T2AGE1	-0.013	0.003	-3.958	-0.013	-0.143
T1FHMD	0.339	0.079	4.306	0.339	0.155
T6MTPR3 ON					
T4DEP1	-0.160	0.042	-3.781	-0.160	-0.151
T2IEDU1	0.096	0.050	1.932	0.096	0.092
T2AGE1	-0.025	0.004	-6.282	-0.025	-0.273
T1FHMD	0.193	0.093	2.068	0.193	0.089

T6LDF3 ON					
T5CHRD2	0.138	0.046	2.997	0.138	0.154
T4SLEC1	0.167	0.042	3.951	0.167	0.173
T2AGE1	-0.012	0.004	-2.981	-0.012	-0.140
T6ISLE3 ON					
T5CHRD2	0.281	0.039	7.175	0.281	0.298
T4ISPS1	0.140	0.041	3.401	0.140	0.147
T4SLEC1	0.168	0.037	4.541	0.168	0.167
O1MMDS3 ON					
T6DLEM3	0.238	0.045	5.272	0.238	0.215
T5DEP2	0.489	0.035	13.858	0.489	0.501
T3KSTA WITH					
T3KSSP	0.111	0.011	10.093	0.111	0.411
T3KEMB	0.142	0.012	12.099	0.142	0.484
T3KDET	0.052	0.010	5.171	0.052	0.181
T3KSSP WITH					
T3KEMB	0.089	0.010	8.978	0.089	0.356
T3KDET	0.069	0.009	7.448	0.069	0.283
T3KEMB WITH					
T3KDET	0.057	0.010	5.690	0.057	0.215
T4ISPS1 WITH					
T4RDIS1	0.000	0.033	0.009	0.000	0.000
T4PANX1	0.171	0.047	3.647	0.171	0.148
T4DEP1 WITH					
T4PANX1	0.322	0.037	8.620	0.322	0.314
T4CPLS1	0.177	0.042	4.163	0.177	0.168
T4SLEC1	0.104	0.034	3.081	0.104	0.097
T4RDIS1 WITH					
T4DEP1	0.437	0.027	15.971	0.437	0.428
T4PANX1	0.323	0.036	9.019	0.323	0.309
T4CPLS1	0.215	0.049	4.355	0.215	0.200
T4SLEC1	0.211	0.036	5.926	0.211	0.193
T4CPLS1 WITH					
T4SLEC1	0.462	0.055	8.387	0.462	0.411
T4PANX1	0.162	0.063	2.561	0.162	0.150
T5RDIS2 WITH					
T5DEP2	0.600	0.023	26.032	0.600	0.411
T5PANX2	0.257	0.042	6.151	0.257	0.172
T5CHRD2	0.089	0.040	2.210	0.089	0.065
T4PANX1	-0.037	0.033	-1.097	-0.037	-0.030
T4CPLS1	0.004	0.045	0.098	0.004	0.004
T5DEP2 WITH					
T5PANX2	0.537	0.034	15.777	0.537	0.352
T5CHRD2	0.160	0.040	3.958	0.160	0.114
T5PANX2 WITH					
T5CHRD2	0.103	0.051	2.018	0.103	0.072
T4PANX1	0.146	0.046	3.177	0.146	0.114
T4CPLS1	0.105	0.061	1.703	0.105	0.080
T6DLEM3 WITH					
T6MTPR3	0.481	0.047	10.298	0.481	0.421
T6LDF3	0.248	0.049	5.029	0.248	0.224
T6ISLE3	0.212	0.042	5.054	0.212	0.182
T6MTPR3 WITH					

T6LDFF3	0.295	0.060	4.937	0.295	0.269
T6ISLE3	0.164	0.052	3.133	0.164	0.143
T5RDIS2	0.000	0.000	0.000	0.000	0.000
T5PANX2	0.000	0.000	0.000	0.000	0.000
T4PANX1	-0.151	0.052	-2.902	-0.151	-0.139
T4CPLS1	0.141	0.060	2.366	0.141	0.126
T6LDFF3 WITH					
T5RDIS2	0.000	0.000	0.000	0.000	0.000
T5PANX2	0.000	0.000	0.000	0.000	0.000
T4PANX1	-0.024	0.049	-0.489	-0.024	-0.022
T4CPLS1	-0.032	0.064	-0.500	-0.032	-0.029
T6ISLE3 WITH					
T5RDIS2	0.000	0.000	0.000	0.000	0.000
T5PANX2	0.000	0.000	0.000	0.000	0.000
T6LDFF3	0.000	0.000	0.000	0.000	0.000
T4PANX1	-0.046	0.045	-1.009	-0.046	-0.041
T4CPLS1	-0.135	0.059	-2.280	-0.135	-0.118
O1MMDS3 WITH					
T5RDIS2	0.000	0.000	0.000	0.000	0.000
T5PANX2	0.000	0.000	0.000	0.000	0.000
T6MTPR3	0.000	0.000	0.000	0.000	0.000
T6LDFF3	0.000	0.000	0.000	0.000	0.000
T6ISLE3	0.000	0.000	0.000	0.000	0.000
T4PANX1	-0.028	0.046	-0.610	-0.028	-0.023
T4CPLS1	-0.101	0.062	-1.625	-0.101	-0.081

C. MODEL C.

SUMMARY OF ANALYSIS

Number of groups	1
Number of observations	651
Number of dependent variables	22
Number of independent variables	5
Number of continuous latent variables	0

TESTS OF MODEL FIT

Chi-Square Test of Model Fit

Value	325.990
Degrees of Freedom	247
P-Value	0.0006

Chi-Square Test of Model Fit for the Baseline Model

Value	6422.375
Degrees of Freedom	341
P-Value	0.0000

CFI/TLI

CFI	0.987
TLI	0.982

Number of Free Parameters 157

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.022
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MODEL RESULTS

	Estimates	S.E.	Est./S.E.	Std	StdYX
T2IEDU1 ON					
T1CSPR	0.204	0.078	2.620	0.204	0.092
T1CPLS	0.276	0.082	3.351	0.276	0.120
T2AGE1	0.015	0.003	4.450	0.015	0.170
T2HMD1 ON					
T1FHMD	0.385	0.093	4.162	0.385	0.182
T1CSPR	0.220	0.097	2.260	0.220	0.098
T2AGE1	0.016	0.004	3.744	0.016	0.176
T3KSTA ON					
T2HMD1	0.182	0.025	7.280	0.182	0.317
T1CPLS	0.085	0.038	2.255	0.085	0.063
WOMAN	0.248	0.040	6.140	0.248	0.182
T3KSSP ON					
T2HMD1	0.176	0.022	8.055	0.176	0.352
T1FHMD	0.066	0.033	2.031	0.066	0.062
T2AGE1	0.003	0.002	2.012	0.003	0.073
T3KEMB ON					
T2HMD1	0.100	0.024	4.091	0.100	0.183
T1CSPR	0.100	0.036	2.768	0.100	0.082
T1CPLS	0.112	0.039	2.890	0.112	0.088

T3KDET	ON					
T2AGE1		0.009	0.002	5.136	0.009	0.211
WOMAN		-0.202	0.043	-4.659	-0.202	-0.181
T4ISPS1	ON					
T3KEMB		0.503	0.075	6.670	0.503	0.248
T3KDET		0.620	0.098	6.301	0.620	0.264
T2AGE1		0.013	0.004	3.569	0.013	0.128
WOMAN		-0.428	0.090	-4.746	-0.428	-0.163
T4OHHZ1	ON					
T3KEMB		0.308	0.085	3.623	0.308	0.167
T2HMD1		0.183	0.059	3.080	0.183	0.182
T2AGE1		-0.014	0.004	-3.764	-0.014	-0.160
T4DEP1	ON					
T3KSSP		0.423	0.071	5.919	0.423	0.216
T4RDIS1	ON					
T3KSSP		0.294	0.083	3.541	0.294	0.146
T3KEMB		0.334	0.066	5.056	0.334	0.180
WOMAN		-0.299	0.066	-4.556	-0.299	-0.125
T4PANX1	ON					
T3KSSP		0.492	0.110	4.488	0.492	0.237
T3KEMB		0.270	0.082	3.308	0.270	0.142
T3KDET		0.248	0.096	2.575	0.248	0.112
T4CPLS1	ON					
T3KEMB		0.299	0.090	3.332	0.299	0.161
T2AGE1		-0.024	0.004	-5.430	-0.024	-0.270
T4SLEC1	ON					
T3KEMB		0.253	0.067	3.765	0.253	0.140
T3KDET		-0.275	0.088	-3.115	-0.275	-0.132
T1FHMD		0.248	0.069	3.583	0.248	0.119
T5DEP2	ON					
T4DEP1		0.156	0.029	5.345	0.156	0.126
T3KSTA		0.538	0.082	6.530	0.538	0.254
T3KSSP		0.382	0.098	3.901	0.382	0.158
T3KEMB		0.630	0.091	6.896	0.630	0.282
T5RDIS2	ON					
T4RDIS1		0.357	0.027	13.042	0.357	0.290
T3KSSP		0.490	0.095	5.153	0.490	0.198
T3KSTA		0.555	0.100	5.546	0.555	0.256
T3KEMB		0.326	0.098	3.326	0.326	0.143
T5PANX2	ON					
T3KSTA		0.802	0.122	6.602	0.802	0.353
T3KSSP		0.520	0.110	4.734	0.520	0.200
T3KEMB		0.617	0.115	5.352	0.617	0.258
T1CPLS		-0.254	0.093	-2.723	-0.254	-0.083
T5CHRD2	ON					
T3KSTA		0.560	0.063	8.932	0.560	0.297
T2IEDU1		0.137	0.040	3.426	0.137	0.125
T2AGE1		0.028	0.004	8.039	0.028	0.297
T6DLEM3	ON					
T4OHHZ1		0.123	0.049	2.501	0.123	0.117
T4SLEC1		0.310	0.045	6.943	0.310	0.287
T3KEMB		0.189	0.072	2.606	0.189	0.097
T1FHMD		0.312	0.079	3.927	0.312	0.139
T2AGE1		-0.011	0.003	-3.326	-0.011	-0.118

T6MTPR3 ON					
T4DEP1	-0.249	0.045	-5.558	-0.249	-0.233
T4SLEC1	0.235	0.048	4.904	0.235	0.220
T2AGE1	-0.023	0.004	-5.727	-0.023	-0.249
T6LDFF3 ON					
T5DEP2	0.078	0.032	2.432	0.078	0.096
T4SLEC1	0.219	0.044	4.999	0.219	0.217
T6ISLE3 ON					
T5CHRD2	0.203	0.036	5.561	0.203	0.219
T4SLEC1	0.187	0.038	4.882	0.187	0.183
O1MMDS3 ON					
T6DLEM3	0.276	0.058	4.758	0.276	0.221
T6LDFF3	0.320	0.070	4.603	0.320	0.240
T5DEP2	0.391	0.046	8.467	0.391	0.360
T4PANX1	0.089	0.052	1.715	0.089	0.070
T4CPLS1	-0.317	0.072	-4.398	-0.317	-0.242
T3KSTA	0.506	0.115	4.416	0.506	0.220
T3KSTA WITH					
T3KSSP	0.126	0.012	10.286	0.126	0.402
T3KEMB	0.175	0.013	13.507	0.175	0.516
T3KDET	0.057	0.010	5.645	0.057	0.196
T3KSSP WITH					
T3KEMB	0.121	0.011	10.795	0.121	0.408
T3KDET	0.073	0.010	7.303	0.073	0.286
T3KEMB WITH					
T3KDET	0.080	0.010	7.882	0.080	0.288
T4ISPS1 WITH					
T4DEP1	0.083	0.035	2.359	0.083	0.070
T4PANX1	0.167	0.049	3.435	0.167	0.134
T4OHHZ1 WITH					
T4CPLS1	0.174	0.060	2.893	0.174	0.158
T4SLEC1	0.144	0.045	3.203	0.144	0.135
T4DEP1 WITH					
T4RDIS1	0.434	0.029	14.740	0.434	0.404
T4PANX1	0.361	0.039	9.211	0.361	0.326
T4CPLS1	0.097	0.040	2.448	0.097	0.090
T4SLEC1	0.075	0.034	2.204	0.075	0.071
T4RDIS1 WITH					
T4PANX1	0.316	0.038	8.293	0.316	0.278
T4CPLS1	0.116	0.047	2.504	0.116	0.105
T4SLEC1	0.174	0.034	5.050	0.174	0.162
T4CPLS1 WITH					
T4SLEC1	0.375	0.048	7.858	0.375	0.349
T5DEP2 WITH					
T5RDIS2	0.501	0.026	19.617	0.501	0.306
T5PANX2	0.504	0.038	13.396	0.504	0.293
T5RDIS2 WITH					
T5PANX2	0.146	0.049	2.948	0.146	0.083
T4ISPS1	0.000	0.000	0.000	0.000	0.000
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T5PANX2 WITH					
T4ISPS1	0.000	0.000	0.000	0.000	0.000

T4CPLS1	0.000	0.000	0.000	0.000	0.000
T6DLEM3 WITH					
T6MTPR3	0.402	0.047	8.616	0.402	0.334
T6LDFF3	0.210	0.050	4.161	0.210	0.185
T6ISLE3	0.172	0.040	4.275	0.172	0.149
T6MTPR3 WITH					
T6LDFF3	0.183	0.060	3.080	0.183	0.163
T4ISPS1	0.000	0.000	0.000	0.000	0.000
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T5RDIS2	0.000	0.000	0.000	0.000	0.000
T5PANX2	0.000	0.000	0.000	0.000	0.000
T6LDFF3 WITH					
T4ISPS1	0.000	0.000	0.000	0.000	0.000
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T5RDIS2	0.000	0.000	0.000	0.000	0.000
T5PANX2	0.000	0.000	0.000	0.000	0.000
T6ISLE3 WITH					
T4ISPS1	0.000	0.000	0.000	0.000	0.000
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T5RDIS2	0.000	0.000	0.000	0.000	0.000
T5PANX2	0.000	0.000	0.000	0.000	0.000
T6MTPR3	0.000	0.000	0.000	0.000	0.000
T6LDFF3	0.000	0.000	0.000	0.000	0.000
O1MMDS3 WITH					
T4ISPS1	0.000	0.000	0.000	0.000	0.000
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T5RDIS2	0.000	0.000	0.000	0.000	0.000
T5PANX2	0.000	0.000	0.000	0.000	0.000
T6MTPR3	0.000	0.000	0.000	0.000	0.000
T6LDFF3	0.000	0.000	0.000	0.000	0.000
T6ISLE3	0.000	0.000	0.000	0.000	0.000

D. MODEL D.

SUMMARY OF ANALYSIS

Number of groups	1
Number of observations	651
Number of dependent variables	22
Number of independent variables	5
Number of continuous latent variables	0

TESTS OF MODEL FIT

Chi-Square Test of Model Fit

Value	150.603*
Degrees of Freedom	145**
P-Value	0.3580

* 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. See chi-square difference testing in the index of the Mplus User's Guide.

** The degrees of freedom for MLMV, ULS and WLSMV are estimated according to a formula given in the Mplus Technical Appendices at www.statmodel.com. See degrees of freedom in the index of the Mplus User's Guide.

Chi-Square Test of Model Fit for the Baseline Model

Value	2096.964
Degrees of Freedom	136
P-Value	0.0000

CFI/TLI

CFI	0.997
TLI	0.997

Number of Free Parameters 161

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.008
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WRMR (Weighted Root Mean Square Residual)

Value	0.711
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MODEL RESULTS

	Estimates	S.E.	Est./S.E.	Std	StdYX
T2IEDU1 ON					
T1CSPR	0.235	0.101	2.339	0.235	0.108
T1CPLS	0.244	0.105	2.316	0.244	0.107
T2AGE1	0.007	0.004	1.796	0.007	0.085
T2HMD1 ON					
T1FHMD	0.395	0.129	3.067	0.395	0.187
T1CSPR	0.203	0.138	1.474	0.203	0.091
T2AGE1	0.015	0.006	2.519	0.015	0.166
T3KSTA ON					

T2HMD1	0.158	0.040	3.989	0.158	0.290
T1CPLS	0.106	0.068	1.553	0.106	0.083
WOMAN	0.174	0.080	2.194	0.174	0.134
T3KSSP ON					
T2HMD1	0.149	0.035	4.295	0.149	0.300
T1FHMD	0.088	0.053	1.650	0.088	0.084
T2AGE1	0.008	0.002	3.482	0.008	0.189
T3KEMB ON					
T2HMD1	0.127	0.037	3.463	0.127	0.244
T2IEDU1	0.064	0.033	1.957	0.064	0.120
T1CSPR	0.191	0.064	3.008	0.191	0.164
T1CPLS	0.076	0.063	1.201	0.076	0.062
T3KDET ON					
T2AGE1	0.009	0.002	4.016	0.009	0.204
WOMAN	-0.258	0.060	-4.289	-0.258	-0.211
T4ISPS1 ON					
T3KEMB	0.567	0.136	4.161	0.567	0.271
T3KDET	0.479	0.118	4.046	0.479	0.227
T2AGE1	0.012	0.005	2.675	0.012	0.128
WOMAN	-0.346	0.116	-2.991	-0.346	-0.134
T4OHHZ1 ON					
T3KEMB	0.361	0.140	2.586	0.361	0.185
T2HMD1	0.176	0.085	2.065	0.176	0.173
T2AGE1	-0.018	0.005	-3.654	-0.018	-0.199
T4DEP1 ON					
T3KSSP	0.523	0.111	4.704	0.523	0.261
T4RDIS1 ON					
T3KSSP	0.357	0.120	2.964	0.357	0.174
T3KEMB	0.373	0.113	3.296	0.373	0.191
WOMAN	-0.297	0.107	-2.778	-0.297	-0.123
T4PANX1 ON					
T3KSSP	0.310	0.150	2.072	0.310	0.151
T3KEMB	0.333	0.137	2.425	0.333	0.170
T3KDET	0.251	0.112	2.243	0.251	0.127
T4CPLS1 ON					
T3KEMB	0.277	0.149	1.866	0.277	0.144
T2AGE1	-0.024	0.006	-4.008	-0.024	-0.271
T4SLEC1 ON					
T3KSSP	-0.575	0.146	-3.949	-0.575	-0.272
T3KEMB	0.808	0.145	5.572	0.808	0.401
T3KDET	-0.241	0.117	-2.065	-0.241	-0.119
T1FHMD	0.375	0.103	3.656	0.375	0.169
T5DEP2 ON					
T4DEP1	0.157	0.045	3.496	0.157	0.131
T3KSTA	0.494	0.130	3.808	0.494	0.226
T3KSSP	0.376	0.155	2.422	0.376	0.156
T3KEMB	0.669	0.137	4.898	0.669	0.291
T5RDIS2 ON					
T4RDIS1	0.315	0.043	7.371	0.315	0.268
T3KSSP	0.317	0.145	2.186	0.317	0.131
T3KSTA	0.483	0.141	3.433	0.483	0.221
T3KEMB	0.475	0.143	3.325	0.475	0.207
T5PANX2 ON					
T3KSTA	0.637	0.177	3.599	0.637	0.271
T3KSSP	0.602	0.190	3.165	0.602	0.232

T3KEMB	0.765	0.185	4.137	0.765	0.310
T1CPLS	-0.233	0.136	-1.711	-0.233	-0.077
T5CHRD2 ON					
T3KSTA	0.662	0.131	5.064	0.662	0.323
T2IEDU1	0.146	0.057	2.549	0.146	0.127
T2AGE1	0.036	0.005	7.557	0.036	0.361
T6DLEM3 ON					
T4OHHZ1	0.097	0.065	1.498	0.097	0.093
T4SLEC1	0.219	0.057	3.871	0.219	0.218
T3KEMB	0.309	0.125	2.468	0.309	0.153
T1FHMD	0.325	0.103	3.147	0.325	0.146
T2AGE1	-0.013	0.004	-2.872	-0.013	-0.137
T6MTPR3 ON					
T4DEP1	-0.142	0.072	-1.967	-0.142	-0.135
T4SLEC1	0.282	0.064	4.403	0.282	0.284
T2AGE1	-0.020	0.005	-3.727	-0.020	-0.222
T6LDF3 ON					
T5DEP2	0.066	0.052	1.254	0.066	0.078
T5CHRD2	0.153	0.056	2.705	0.153	0.170
T4SLEC1	0.217	0.058	3.755	0.217	0.226
T6ISLE3 ON					
T5CHRD2	0.252	0.056	4.462	0.252	0.274
T4SLEC1	0.233	0.052	4.509	0.233	0.238
O1MMDS3 ON					
T6DLEM3	0.242	0.072	3.358	0.242	0.203
T6LDF3	0.228	0.081	2.809	0.228	0.183
T5DEP2	0.420	0.064	6.592	0.420	0.401
T4PANX1	0.112	0.071	1.572	0.112	0.091
T4CPLS1	-0.232	0.095	-2.453	-0.232	-0.186
T3KSTA	0.334	0.159	2.096	0.334	0.146
T3KSTA WITH					
T3KSSP	0.131	0.017	7.635	0.131	0.447
T3KEMB	0.130	0.020	6.505	0.130	0.422
T3KDET	0.057	0.013	4.244	0.057	0.187
T3KSSP WITH					
T3KEMB	0.104	0.017	6.190	0.104	0.372
T3KDET	0.065	0.013	4.819	0.065	0.234
T3KEMB WITH					
T3KDET	0.086	0.014	6.019	0.086	0.296
T4ISPS1 WITH					
T4DEP1	0.115	0.053	2.188	0.115	0.098
T4PANX1	0.126	0.064	1.978	0.126	0.105
T4OHHZ1 WITH					
T4CPLS1	0.100	0.080	1.237	0.100	0.090
T4SLEC1	0.064	0.063	1.017	0.064	0.056
T4RDIS1	-0.121	0.058	-2.081	-0.121	-0.108
T4DEP1 WITH					
T4RDIS1	0.412	0.039	10.651	0.412	0.375
T4PANX1	0.328	0.052	6.330	0.328	0.297
T4CPLS1	0.160	0.057	2.799	0.160	0.148
T4SLEC1	0.161	0.050	3.196	0.161	0.143
T4RDIS1 WITH					
T4PANX1	0.296	0.051	5.810	0.296	0.262
T4CPLS1	0.129	0.065	1.988	0.129	0.116
T4SLEC1	0.193	0.051	3.813	0.193	0.166

T4CPLS1 WITH T4SLEC1	0.350	0.066	5.307	0.350	0.306
T5DEP2 WITH T5RDIS2 T5PANX2	0.531 0.514	0.034 0.049	15.644 10.502	0.531 0.514	0.343 0.309
T5RDIS2 WITH T5PANX2 T4ISPS1 T4CPLS1	0.225 0.000 0.000	0.063 0.000 0.000	3.598 0.000 0.000	0.225 0.000 0.000	0.135 0.000 0.000
T5PANX2 WITH T4ISPS1 T4CPLS1	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000
T6DLEM3 WITH T6MTPR3 T6LDFF3 T6ISLE3	0.353 0.166 0.203	0.064 0.067 0.056	5.481 2.472 3.624	0.353 0.166 0.203	0.296 0.144 0.173
T6MTPR3 WITH T6LDFF3 T4ISPS1 T4CPLS1 T5RDIS2 T5PANX2	0.125 0.000 0.000 0.000 0.000	0.085 0.000 0.000 0.000 0.000	1.476 0.000 0.000 0.000 0.000	0.125 0.000 0.000 0.000 0.000	0.109 0.000 0.000 0.000 0.000
T6LDFF3 WITH T4ISPS1 T4CPLS1 T5RDIS2 T5PANX2	0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000
T6ISLE3 WITH T4ISPS1 T4CPLS1 T5RDIS2 T5PANX2 T6MTPR3 T6LDFF3	0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000 0.000
O1MMDS3 WITH T4ISPS1 T4CPLS1 T5RDIS2 T5PANX2 T6MTPR3 T6LDFF3 T6ISLE3	0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000 0.000 0.000

E. MODEL E.

SUMMARY OF ANALYSIS

Number of groups	1
Number of observations	651
Number of dependent variables	22
Number of independent variables	5
Number of continuous latent variables	0

TESTS OF MODEL FIT

Chi-Square Test of Model Fit

Value	164.719*
Degrees of Freedom	146**
P-Value	0.1378

Chi-Square Test for Difference Testing

Value	17.318
Degrees of Freedom	8**
P-Value	0.0270

* 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. See chi-square difference testing in the index of the Mplus User's Guide.

** The degrees of freedom for MLMV, ULS and WLSMV are estimated according to a formula given in the Mplus Technical Appendices at www.statmodel.com. See degrees of freedom in the index of the Mplus User's Guide.

Chi-Square Test of Model Fit for the Baseline Model

Value	2096.964
Degrees of Freedom	136
P-Value	0.0000

CFI/TLI

CFI	0.990
TLI	0.991

Number of Free Parameters 144

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.014
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WRMR (Weighted Root Mean Square Residual)

Value	0.776
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MODEL RESULTS

	Estimates	S.E.	Est./S.E.	Std	StdYX
T2IEDU1 ON					
T1CSPR	0.238	0.100	2.367	0.238	0.109
T1CPLS	0.280	0.108	2.589	0.280	0.123
T2AGE1	0.000	0.000	0.000	0.000	0.000

T2HMD1	ON					
T1FHMD		0.490	0.141	3.461	0.490	0.230
T1CSPR		0.000	0.000	0.000	0.000	0.000
T2AGE1		0.016	0.006	2.690	0.016	0.182
T3KSTA	ON					
T2HMD1		0.164	0.039	4.241	0.164	0.307
T1CPLS		0.000	0.000	0.000	0.000	0.000
WOMAN		0.168	0.077	2.192	0.168	0.132
T3KSSP	ON					
T2HMD1		0.151	0.034	4.477	0.151	0.307
T1FHMD		0.000	0.000	0.000	0.000	0.000
T2AGE1		0.008	0.002	3.651	0.008	0.183
T3KEMB	ON					
T2HMD1		0.148	0.035	4.282	0.148	0.293
T2IEDU1		0.066	0.031	2.148	0.066	0.127
T1CSPR		0.215	0.066	3.250	0.215	0.189
T1CPLS		0.000	0.000	0.000	0.000	0.000
T3KDET	ON					
T2AGE1		0.009	0.002	4.030	0.009	0.206
WOMAN		-0.261	0.060	-4.364	-0.261	-0.214
T4ISPS1	ON					
T3KEMB		0.586	0.136	4.309	0.586	0.272
T3KDET		0.509	0.119	4.289	0.509	0.239
T2AGE1		0.012	0.005	2.597	0.012	0.124
WOMAN		-0.339	0.116	-2.928	-0.339	-0.130
T4OHHZ1	ON					
T3KEMB		0.548	0.142	3.855	0.548	0.275
T2HMD1		0.000	0.000	0.000	0.000	0.000
T2AGE1		-0.016	0.005	-3.362	-0.016	-0.176
T4DEP1	ON					
T3KSSP		0.511	0.110	4.662	0.511	0.255
T4RDIS1	ON					
T3KSSP		0.349	0.130	2.688	0.349	0.169
T3KEMB		0.381	0.127	3.006	0.381	0.190
WOMAN		-0.303	0.106	-2.852	-0.303	-0.125
T4PANX1	ON					
T3KSSP		0.000	0.000	0.000	0.000	0.000
T3KEMB		0.588	0.133	4.419	0.588	0.289
T3KDET		0.329	0.113	2.902	0.329	0.164
T4CPLS1	ON					
T3KEMB		0.337	0.154	2.180	0.337	0.169
T2AGE1		-0.025	0.006	-4.042	-0.025	-0.274
T4SLEC1	ON					
T3KSSP		-0.710	0.164	-4.320	-0.710	-0.330
T3KEMB		0.956	0.171	5.578	0.956	0.455
T3KDET		-0.235	0.116	-2.023	-0.235	-0.114
T1FHMD		0.318	0.100	3.190	0.318	0.141
T5DEP2	ON					
T4DEP1		0.187	0.044	4.205	0.187	0.155
T3KSTA		0.716	0.121	5.922	0.716	0.321
T3KSSP		0.000	0.000	0.000	0.000	0.000
T3KEMB		0.630	0.142	4.434	0.630	0.267
T3KDET		0.293	0.094	3.110	0.293	0.126
T5RDIS2	ON					
T4RDIS1		0.330	0.042	7.873	0.330	0.280

T3KSSP	0.000	0.000	0.000	0.000	0.000
T3KSTA	0.678	0.136	4.974	0.678	0.303
T3KEMB	0.559	0.145	3.851	0.559	0.236
T5PANX2 ON					
T3KSTA	0.710	0.185	3.841	0.710	0.297
T3KSSP	0.405	0.192	2.114	0.405	0.156
T3KEMB	0.859	0.195	4.413	0.859	0.340
T1CPLS	0.000	0.000	0.000	0.000	0.000
T5CHR2 ON					
T3KSTA	0.675	0.133	5.095	0.675	0.323
T2IEDU1	0.151	0.057	2.648	0.151	0.132
T2AGE1	0.036	0.005	7.693	0.036	0.366
T6DLEM3 ON					
T4OHHZ1	0.000	0.000	0.000	0.000	0.000
T4SLEC1	0.216	0.056	3.857	0.216	0.220
T3KEMB	0.364	0.123	2.953	0.364	0.176
T1FHMD	0.321	0.103	3.125	0.321	0.145
T2AGE1	-0.014	0.004	-3.224	-0.014	-0.152
T6MTPR3 ON					
T4DEP1	-0.150	0.073	-2.070	-0.150	-0.143
T4SLEC1	0.295	0.063	4.712	0.295	0.300
T2AGE1	-0.020	0.006	-3.665	-0.020	-0.218
T6LDF3 ON					
T5DEP2	0.000	0.000	0.000	0.000	0.000
T5CHR2	0.202	0.064	3.163	0.202	0.222
T4SLEC1	0.252	0.057	4.413	0.252	0.263
T6ISLE3 ON					
T5CHR2	0.250	0.056	4.438	0.250	0.272
T4SLEC1	0.228	0.051	4.484	0.228	0.237
O1MMDS3 ON					
T6DLEM3	0.257	0.074	3.446	0.257	0.212
T6LDF3	0.256	0.083	3.073	0.256	0.206
T5DEP2	0.448	0.067	6.733	0.448	0.424
T4PANX1	0.000	0.000	0.000	0.000	0.000
T4CPLS1	-0.255	0.098	-2.585	-0.255	-0.203
T3KSTA	0.396	0.169	2.336	0.396	0.167
T3KSTA WITH					
T3KSSP	0.138	0.017	7.961	0.138	0.479
T3KEMB	0.120	0.020	5.989	0.120	0.405
T3KDET	0.053	0.013	4.006	0.053	0.178
T3KSSP WITH					
T3KEMB	0.116	0.017	6.908	0.116	0.425
T3KDET	0.064	0.013	4.823	0.064	0.232
T3KEMB WITH					
T3KDET	0.077	0.014	5.464	0.077	0.271
T4ISPS1 WITH					
T4DEP1	0.105	0.052	2.009	0.105	0.089
T4PANX1	0.000	0.000	0.000	0.000	0.000
T4OHHZ1 WITH					
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T4SLEC1	0.000	0.000	0.000	0.000	0.000
T4RDIS1	-0.140	0.057	-2.446	-0.140	-0.125
T4DEP1 WITH					
T4RDIS1	0.412	0.039	10.702	0.412	0.376
T4PANX1	0.346	0.051	6.776	0.346	0.311

T4CPLS1	0.148	0.056	2.626	0.148	0.136
T4SLEC1	0.167	0.052	3.230	0.167	0.145
T4RDIS1 WITH					
T4PANX1	0.295	0.051	5.845	0.295	0.258
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T4SLEC1	0.188	0.052	3.626	0.188	0.160
T4CPLS1 WITH					
T4SLEC1	0.347	0.066	5.226	0.347	0.297
T5DEP2 WITH					
T5RDIS2	0.534	0.035	15.318	0.534	0.341
T5PANX2	0.530	0.050	10.512	0.530	0.318
T5RDIS2 WITH					
T5PANX2	0.224	0.064	3.490	0.224	0.134
T4ISPS1	0.000	0.000	0.000	0.000	0.000
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T5PANX2 WITH					
T4ISPS1	0.000	0.000	0.000	0.000	0.000
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T6DLEM3 WITH					
T6MTPR3	0.352	0.064	5.454	0.352	0.295
T6LDFF3	0.162	0.067	2.417	0.162	0.139
T6ISLE3	0.202	0.056	3.616	0.202	0.172
T6MTPR3 WITH					
T6LDFF3	0.000	0.000	0.000	0.000	0.000
T4ISPS1	0.000	0.000	0.000	0.000	0.000
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T5RDIS2	0.000	0.000	0.000	0.000	0.000
T5PANX2	0.000	0.000	0.000	0.000	0.000
T6LDFF3 WITH					
T4ISPS1	0.000	0.000	0.000	0.000	0.000
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T5RDIS2	0.000	0.000	0.000	0.000	0.000
T5PANX2	0.000	0.000	0.000	0.000	0.000
T6ISLE3 WITH					
T4ISPS1	0.000	0.000	0.000	0.000	0.000
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T5RDIS2	0.000	0.000	0.000	0.000	0.000
T5PANX2	0.000	0.000	0.000	0.000	0.000
T6MTPR3	0.000	0.000	0.000	0.000	0.000
T6LDFF3	0.000	0.000	0.000	0.000	0.000
O1MMDS3 WITH					
T4ISPS1	0.000	0.000	0.000	0.000	0.000
T4CPLS1	0.000	0.000	0.000	0.000	0.000
T5RDIS2	0.000	0.000	0.000	0.000	0.000
T5PANX2	0.000	0.000	0.000	0.000	0.000
T6MTPR3	0.000	0.000	0.000	0.000	0.000
T6LDFF3	0.000	0.000	0.000	0.000	0.000
T6ISLE3	0.000	0.000	0.000	0.000	0.000

4. MPLUS COMMANDS OF SEM MODELS

A. MODEL A.

TITLE: MODEL A.

DATA:

FILE IS "C:\Users\USUARIO\Documents\MMDDIM rw v070812.raw";

VARIABLE:

NAMES ARE uenr sex woman t2age1 t1fhmd t1cspr t1cpls t2iedu1 t2hmd1 t3ksta
 t3kssp t3kemb t3kdet t4isps1 t4ohhz1 t4mmds1 t4dep1 t4rdis1
 t4srdis1 t4panx1 t4cpls1 t4slec1 t5mmds2 t5dep2 t5rdis2 t5srdis2
 t5panx2 t5chr2 t6dlem3 t6mtp3 t6ldff3 t6isle3 olmmds3 olmddy3
 oldep3 olrdis3 olrsrdis3;
 USEOBSERVATIONS = t4mmds1 == 1 OR t4mmds1 == 2;
 USEVARIABLES ARE woman t1fhmd t1cspr t1cpls t2age1 t2iedu1 t2hmd1 t3ksta
 t3kssp t3kemb t3kdet t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1
 t4cpls1 t4slec1 t5dep2 t5rdis2 t5panx2 t5chr2 t6dlem3 t6mtp3
 t6ldff3 t6isle3 olmmds3;
 CATEGORICAL ARE t2iedu1 t2hmd1 t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1
 t4cpls1 t4slec1 t5dep2 t5rdis2 t5panx2 t5chr2 t6dlem3 t6mtp3 t6ldff3
 t6isle3 olmmds3;
 MISSING IS .;

ANALYSIS:

TYPE = GENERAL MISSING H1;
 ESTIMATOR = WLS;
 PARAMETERIZATION IS THETA;
 ITERATIONS = 1000;
 CONVERGENCE = 0.00005;
 COVERAGE = 0.10;

MODEL:

! Tier 2
 t2iedu1 ON t1fhmd t1cspr t1cpls woman;
 t2hmd1 ON t1fhmd t1cspr t1cpls woman;
 t2iedu1 WITH t2hmd1;
 ! Tier 3
 t3ksta ON t2iedu1 t2hmd1 t2age1 t1fhmd t1cspr t1cpls woman;
 t3kssp ON t2iedu1 t2hmd1 t2age1 t1fhmd t1cspr t1cpls woman;
 t3kemb ON t2iedu1 t2hmd1 t2age1 t1fhmd t1cspr t1cpls woman;
 t3kdet ON t2iedu1 t2hmd1 t2age1 t1fhmd t1cspr t1cpls woman;
 t3ksta WITH t3kssp t3kemb t3kdet;
 t3kssp WITH t3kemb t3kdet;
 t3kemb WITH t3kdet;
 ! Tier 4
 t4isps1 ON t3ksta t3kssp t3kemb t3kdet t2iedu1 t2hmd1 t2age1 t1fhmd t1cspr
 t1cpls woman;
 t4ohhz1 ON t3ksta t3kssp t3kemb t3kdet t2iedu1 t2hmd1 t2age1 t1fhmd t1cspr
 t1cpls woman;
 t4dep1 ON t3ksta t3kssp t3kemb t3kdet t2iedu1 t2hmd1 t2age1 t1fhmd t1cspr
 t1cpls woman;
 t4rdis1 ON t3ksta t3kssp t3kemb t3kdet t2iedu1 t2hmd1 t2age1 t1fhmd t1cspr
 t1cpls woman;
 t4panx1 ON t3ksta t3kssp t3kemb t3kdet t2iedu1 t2hmd1 t2age1 t1fhmd t1cspr
 t1cpls woman;
 t4cpls1 ON t3ksta t3kssp t3kemb t3kdet t2iedu1 t2hmd1 t2age1 t1fhmd t1cspr
 t1cpls woman;
 t4slec1 ON t3ksta t3kssp t3kemb t3kdet t2iedu1 t2hmd1 t2age1 t1fhmd t1cspr
 t1cpls woman;
 t4isps1 WITH t4ohhz1 t4dep1 t4rdis1 t4panx1 t4cpls1 t4slec1;
 t4ohhz1 WITH t4panx1 t4cpls1 t4slec1;
 t4dep1 WITH t4panx1 t4cpls1 t4slec1;
 t4rdis1 WITH t4ohhz1 t4dep1 t4panx1 t4cpls1 t4slec1;
 t4panx1 WITH t4cpls1 t4slec1;

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t4cpls1 WITH t4slec1;
! Tier 5
t5dep2 ON t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1 t4cpls1 t4slec1 t3ksta
t3kssp t3kemb t3kdet t2iedul t2hmdl t2age1 tlfhmd t1cspr t1cpls woman;
t5rdis2 ON t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1 t4cpls1 t4slec1 t3ksta
t3kssp t3kemb t3kdet t2iedul t2hmdl t2age1 tlfhmd t1cspr t1cpls woman;
t5panx2 ON t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1 t4cpls1 t4slec1 t3ksta
t3kssp t3kemb t3kdet t2iedul t2hmdl t2age1 tlfhmd t1cspr t1cpls woman;
t5chrd2 ON t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1 t4cpls1 t4slec1 t3ksta
t3kssp t3kemb t3kdet t2iedul t2hmdl t2age1 tlfhmd t1cspr t1cpls woman;
t5rdis2 WITH t5dep2 t5panx2 t5chrd2;
t5dep2 WITH t5panx2 t5chrd2;
t5panx2 WITH t5chrd2;
! Tier 6
t6dlem3 ON t5dep2 t5rdis2 t5panx2 t5chrd2 t4isps1 t4ohhz1 t4dep1 t4rdis1
t4panx1 t4cpls1 t4slec1 t3ksta t3kssp t3kemb t3kdet t2iedul t2hmdl t2age1
tlfhmd t1cspr t1cpls woman;
t6mtp3 ON t5dep2 t5rdis2 t5panx2 t5chrd2 t4isps1 t4ohhz1 t4dep1 t4rdis1
t4panx1 t4cpls1 t4slec1 t3ksta t3kssp t3kemb t3kdet t2iedul t2hmdl t2age1
tlfhmd t1cspr t1cpls woman;
t6ldff3 ON t5dep2 t5rdis2 t5panx2 t5chrd2 t4isps1 t4ohhz1 t4dep1 t4rdis1
t4panx1 t4cpls1 t4slec1 t3ksta t3kssp t3kemb t3kdet t2iedul t2hmdl t2age1
tlfhmd t1cspr t1cpls woman;
t6isle3 ON t5dep2 t5rdis2 t5panx2 t5chrd2 t4isps1 t4ohhz1 t4dep1 t4rdis1
t4panx1 t4cpls1 t4slec1 t3ksta t3kssp t3kemb t3kdet t2iedul t2hmdl t2age1
tlfhmd t1cspr t1cpls woman;
t6dlem3 WITH t6mtp3 t6ldff3 t6isle3;
t6mtp3 WITH t6ldff3 t6isle3;
t6ldff3 WITH t6isle3;
! Out 1
olmmds3 ON t6dlem3 t6mtp3 t6ldff3 t6isle3 t5dep2 t5rdis2 t5panx2 t5chrd2
t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1 t4cpls1 t4slec1 t3ksta t3kssp t3kemb
t3kdet t2iedul t2hmdl t2age1 tlfhmd t1cspr t1cpls woman;

OUTPUT: SAMPSTAT STANDARDIZED RESIDUAL MODINDICES(2) H1SE
TECH1 H1TECH3;

SAVEDATA:
SAMPLE IS Model-A-smp.txt;
RESULTS IS Model-A-rst.txt;

! END OF MODEL A.

```

B. MODEL B.

TITLE: MODEL B.

DATA:

FILE IS "C:\Users\USUARIO\Documents\MMDDIM rw v070812.raw";

VARIABLE:

```

NAMES ARE uenr sex woman t2age1 tlfhmd t1cspr t1cpls t2iedul t2hmdl t3ksta
t3kssp t3kemb t3kdet t4isps1 t4ohhz1 t4mmds1 t4dep1 t4rdis1
t4srdis1 t4panx1 t4cpls1 t4slec1 t5mmds2 t5dep2 t5rdis2 t5srdis2
t5panx2 t5chrd2 t6dlem3 t6mtp3 t6ldff3 t6isle3 olmmds3 olmddy3
oldep3 olrdis3 olsrdis3;
USEOBSERVATIONS = t4mmds1 == 1 OR t4mmds1 == 2;
USEVARIABLES ARE woman tlfhmd t1cspr t1cpls t2age1 t2iedul t2hmdl t3ksta
t3kssp t3kemb t3kdet t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1
t4cpls1 t4slec1 t5dep2 t5rdis2 t5panx2 t5chrd2 t6dlem3 t6mtp3
t6ldff3 t6isle3 olmmds3;
CATEGORICAL ARE t2iedul t2hmdl t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1
t4cpls1 t4slec1 t5dep2 t5rdis2 t5panx2 t5chrd2 t6dlem3 t6mtp3 t6ldff3
t6isle3 olmmds3;

```

```

MISSING IS .;

ANALYSIS:
  TYPE = GENERAL MISSING H1;
  ESTIMATOR = WLS;
  PARAMETERIZATION IS THETA;
  ITERATIONS = 1000;
  CONVERGENCE = 0.00005;
  COVERAGE = 0.10;

MODEL:
! Tier 2 on
  t2iedu1 ON t1cspr t1cpls ;
  t2hmd1 ON t1fhmd ;
! Tier 3 on
  t3ksta ON t2hmd1 t2age1 t1fhmd t1cpls woman ;
  t3kssp ON t2hmd1 t2age1 ;
  t3kemb ON t2hmd1 t1cpls ;
  t3kdet ON t2age1 woman ;
! Tier 4 on
  t4isps1 ON t3kemb t3kdet t2age1 woman ;
  t4ohhz1 ON t2age1 ;
  t4dep1 ON t1fhmd ;
  t4rdis1 ON t3kssp t3kemb woman ;
  t4panx1 ON t3kdet ;
  t4cpls1 ON t3kemb t2age1 ;
  t4slec1 ON t3kssp t3kemb t1fhmd t1cspr ;
! Tier 5 on
  t5dep2 ON t4dep1 t3ksta t3kssp t3kemb t3kdet ;
  t5rdis2 ON t4rdis1 t3ksta t3kssp t3kemb t1cspr ;
  t5panx2 ON t3ksta t3kssp t3kemb t1cpls ;
  t5chrd2 ON t3ksta t2iedu1 t2age1 ;
! Tier 6 on
  t6dlem3 ON t4ohhz1 t4slec1 t2age1 t1fhmd ;
  t6mtpr3 ON t4dep1 t2iedu1 t2age1 t1fhmd ;
  t6ldff3 ON t5chrd2 t4slec1 t2age1 ;
  t6isle3 ON t5chrd2 t4isps1 t4slec1 ;
! Out 1 on
  olmmds3 ON t6dlem3 t5dep2 ;
! Tier 2 with
! t2iedu1 WITH
! Tier 3 with
  t3ksta WITH t3kssp t3kemb t3kdet ;
  t3kssp WITH t3kemb t3kdet ;
  t3kemb WITH t3kdet ;
! Tier 4 with
  t4isps1 WITH t4rdis1 t4panx1 ;
! t4ohhz1 WITH ;
  t4dep1 WITH t4panx1 t4cpls1 t4slec1 ;
  t4rdis1 WITH t4dep1 t4panx1 t4cpls1 t4slec1 ;
! t4panx1 WITH ;
  t4cpls1 WITH t4slec1 ;
! Tier 5 with
  t5rdis2 WITH t5dep2 t5panx2 t5chrd2 ;
  t5dep2 WITH t5panx2 t5chrd2 ;
  t5panx2 WITH t5chrd2 ;
! Tier 6 with
  t6dlem3 WITH t6mtpr3 t6ldff3 t6isle3 ;
  t6mtpr3 WITH t6ldff3 t6isle3 t5rdis2@0 t5panx2@0 ;
  t6ldff3 WITH t5rdis2@0 t5panx2@0 ;
  t6isle3 WITH t5rdis2@0 t5panx2@0 t6ldff3@0 ;
! Out 1 with
  olmmds3 WITH t5rdis2@0 t5panx2@0 t6mtpr3@0 t6ldff3@0 t6isle3@0 ;

OUTPUT: SAMPSTAT STANDARDIZED RESIDUAL MODINDICES(2) H1SE TECH1 H1TECH3;

SAVEDATA:
  SAMPLE IS Model-B-smp.txt;

```



```
RESULTS IS Model-B-rst.txt;
```

```
! END OF MODEL B.
```

C. MODEL C.

```
TITLE: MODEL C.
```

```
DATA:
```

```
FILE IS "C:\Users\USUARIO\Documents\MMDDIM rw v070812.raw";
```

```
VARIABLE:
```

```
NAMES ARE uenr sex woman t2age1 t1fhmd t1cspr t1cpls t2iedul t2hmd1
t3ksta t3kssp t3kemb t3kdet t4isps1 t4ohhz1 t4mmds1 t4dep1 t4rdis1
t4srdis1 t4panx1 t4cpls1 t4slec1 t5mmds2 t5dep2 t5rdis2 t5srdis2
t5panx2 t5chrd2 t6dlem3 t6mtpr3 t6ldff3 t6isle3 o1mmds3 o1mddy3
oldep3 olrdis3 olsrdis3;
USEOBSERVATIONS = t4mmds1 == 1 OR t4mmds1 == 2;
USEVARIABLES ARE woman t1fhmd t1cspr t1cpls t2age1 t2iedul t2hmd1 t3ksta
t3kssp t3kemb t3kdet t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1 t4cpls1
t4slec1 t5dep2 t5rdis2 t5panx2 t5chrd2 t6dlem3 t6mtpr3 t6ldff3 t6isle3
o1mmds3;
CATEGORICAL ARE t2iedul t2hmd1 t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1
t4cpls1 t4slec1 t5dep2 t5rdis2 t5panx2 t5chrd2 t6dlem3 t6mtpr3 t6ldff3
t6isle3 o1mmds3;
MISSING ARE .;
```

```
ANALYSIS:
```

```
TYPE = GENERAL MISSING H1;
ESTIMATOR = WLS;
PARAMETERIZATION IS THETA;
ITERATIONS = 1000;
CONVERGENCE = 0.00005;
COVERAGE = 0.10;
```

```
MODEL:
```

```
! Regressions
! Tier 2
t2iedul ON t1cspr t1cpls t2age1;
t2hmd1 ON t1fhmd t1cspr t2age1;
! Tier 3
t3ksta ON t2hmd1 t1cpls woman;
t3kssp ON t2hmd1 t1fhmd t2age1;
t3kemb ON t2hmd1 t1cspr t1cpls;
t3kdet ON t2age1 woman;
! Tier 4
t4isps1 ON t3kemb t3kdet t2age1 woman;
t4ohhz1 ON t3kemb t2hmd1 t2age1;
t4dep1 ON t3kssp;
t4rdis1 ON t3kssp t3kemb woman;
t4panx1 ON t3kssp t3kemb t3kdet;
t4cpls1 ON t3kemb t2age1;
t4slec1 ON t3kemb t3kdet t1fhmd;
! Tier 5
t5dep2 ON t4dep1 t3ksta t3kssp t3kemb;
t5rdis2 ON t4rdis1 t3kssp t3ksta t3kemb;
t5panx2 ON t3ksta t3kssp t3kemb t1cpls;
t5chrd2 ON t3ksta t2iedul t2age1;
! Tier 6
t6dlem3 ON t4ohhz1 t4slec1 t3kemb t1fhmd t2age1;
t6mtpr3 ON t4dep1 t4slec1 t2age1;
t6ldff3 ON t5dep2 t4slec1;
t6isle3 ON t5chrd2 t4slec1;
! Out 1
```

```

    olmmds3 ON t6dlem3 t6ldff3 t5dep2 t4panx1 t4cpls1 t3ksta;
! Correlations
! Tier 2: NO
! Tier 3
    t3ksta WITH t3kssp t3kemb t3kdet;
    t3kssp WITH t3kemb t3kdet;
    t3kemb WITH t3kdet;
! Tier 4
    t4isps1 WITH t4dep1 t4panx1;
    t4ohhz1 WITH t4cpls1 t4slec1;
    t4dep1 WITH t4rdis1 t4panx1 t4cpls1 t4slec1;
    t4rdis1 WITH t4panx1 t4cpls1 t4slec1;
    t4cpls1 WITH t4slec1;
! Tier 5
    t5dep2 WITH t5rdis2 t5panx2;
    t5rdis2 WITH t5panx2 t4isps1@0 t4cpls1@0;
    t5panx2 WITH t4isps1@0 t4cpls1@0;
! Tier 6
    t6dlem3 WITH t6mtpr3 t6ldff3 t6isle3;
    t6mtpr3 WITH t6ldff3 t4isps1@0 t4cpls1@0 t5rdis2@0 t5panx2@0;
    t6ldff3 WITH t4isps1@0 t4cpls1@0 t5rdis2@0 t5panx2@0;
    t6isle3 WITH t4isps1@0 t4cpls1@0 t5rdis2@0 t5panx2@0 t6mtpr3@0
    t6ldff3@0;
! Out 1
    olmmds3 WITH t4isps1@0 t4cpls1@0 t5rdis2@0 t5panx2@0 t6mtpr3@0
    t6ldff3@0 t6isle3@0;

OUTPUT: SAMPSTAT STANDARDIZED RESIDUAL MODINDICES(4) H1SE
        TECH1 H1TECH3;

SAVEDATA:
        SAMPLE IS Model-C-smp.txt;
        RESULTS IS Model-C-rst.txt;

! END OF MODEL C.

```

D. MODEL D.

TITLE: MODEL D.

DATA:

FILE IS "C:\Users\USUARIO\Documents\MMDDIM rw v070812.raw";

VARIABLE:

NAMES ARE uenr sex woman t2age1 t1fhmd t1cspr t1cpls t2iedu1 t2hmd1
t3ksta t3kssp t3kemb t3kdet t4isps1 t4ohhz1 t4mmds1 t4dep1 t4rdis1
t4srdis1 t4panx1 t4cpls1 t4slec1 t5mmds2 t5dep2 t5rdis2 t5srdis2
t5panx2 t5chrd2 t6dlem3 t6mtpr3 t6ldff3 t6isle3 olmmds3 olmddy3
oldep3 olrdis3 olsrdis3;
USEOBSERVATIONS = t4mmds1 == 1 OR t4mmds1 == 2;
USEVARIABLES ARE woman t1fhmd t1cspr t1cpls t2age1 t2iedu1 t2hmd1 t3ksta
t3kssp t3kemb t3kdet t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1 t4cpls1
t4slec1 t5dep2 t5rdis2 t5panx2 t5chrd2 t6dlem3 t6mtpr3 t6ldff3 t6isle3
olmmds3;
CATEGORICAL ARE t2iedu1 t2hmd1 t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1
t4cpls1 t4slec1 t5dep2 t5rdis2 t5panx2 t5chrd2 t6dlem3 t6mtpr3 t6ldff3
t6isle3 olmmds3;
MISSING ARE .;

ANALYSIS:

TYPE = GENERAL MISSING H1;
ESTIMATOR = WLSMV;
PARAMETERIZATION IS THETA;
ITERATIONS = 10000;

```

CONVERGENCE = 0.00005;
COVERAGE = 0.10;

MODEL:
! Regressions
! Tier 2
  t2iedu1 ON t1cspr t1cpls t2age1;
  t2hmd1 ON t1fhmd t1cspr t2age1;
! Tier 3
  t3ksta ON t2hmd1 t1cpls woman;
  t3kssp ON t2hmd1 t1fhmd t2age1;
  t3kemb ON t2hmd1 t2iedu1 t1cspr t1cpls;
  t3kdet ON t2age1 woman;
! Tier 4
  t4isps1 ON t3kemb t3kdet t2age1 woman;
  t4ohhz1 ON t3kemb t2hmd1 t2age1;
  t4dep1 ON t3kssp;
  t4rdis1 ON t3kssp t3kemb woman;
  t4panx1 ON t3kssp t3kemb t3kdet;
  t4cpls1 ON t3kemb t2age1;
  t4slec1 ON t3kssp t3kemb t3kdet t1fhmd;
! Tier 5
  t5dep2 ON t4dep1 t3ksta t3kssp t3kemb;
  t5rdis2 ON t4rdis1 t3kssp t3ksta t3kemb;
  t5panx2 ON t3ksta t3kssp t3kemb t1cpls;
  t5chrd2 ON t3ksta t2iedu1 t2age1;
! Tier 6
  t6dlem3 ON t4ohhz1 t4slec1 t3kemb t1fhmd t2age1;
  t6mtpr3 ON t4dep1 t4slec1 t2age1;
  t6ldff3 ON t5dep2 t5chrd2 t4slec1;
  t6isle3 ON t5chrd2 t4slec1;
! Out 1
  olmmds3 ON t6dlem3 t6ldff3 t5dep2 t4panx1 t4cpls1 t3ksta;
! Correlations
! Tier 2: NO
! Tier 3
  t3ksta WITH t3kssp t3kemb t3kdet;
  t3kssp WITH t3kemb t3kdet;
  t3kemb WITH t3kdet;
! Tier 4
  t4isps1 WITH t4dep1 t4panx1;
  t4ohhz1 WITH t4cpls1 t4slec1 t4rdis1;
  t4dep1 WITH t4rdis1 t4panx1 t4cpls1 t4slec1;
  t4rdis1 WITH t4panx1 t4cpls1 t4slec1;
  t4cpls1 WITH t4slec1;
! Tier 5
  t5dep2 WITH t5rdis2 t5panx2;
  t5rdis2 WITH t5panx2 t4isps1@0 t4cpls1@0;
  t5panx2 WITH t4isps1@0 t4cpls1@0;
! Tier 6
  t6dlem3 WITH t6mtpr3 t6ldff3 t6isle3;
  t6mtpr3 WITH t6ldff3 t4isps1@0 t4cpls1@0 t5rdis2@0 t5panx2@0;
  t6ldff3 WITH t4isps1@0 t4cpls1@0 t5rdis2@0 t5panx2@0;
  t6isle3 WITH t4isps1@0 t4cpls1@0 t5rdis2@0 t5panx2@0 t6mtpr3@0
  t6ldff3@0;
! Out 1
  olmmds3 WITH t4isps1@0 t4cpls1@0 t5rdis2@0 t5panx2@0 t6mtpr3@0
  t6ldff3@0 t6isle3@0;

OUTPUT: SAMPSTAT STANDARDIZED RESIDUAL MODINDICES(4) H1SE
        TECH1 H1TECH3;

SAVEDATA:
  SAMPLE IS Model-D-smp.txt;
  RESULTS IS Model-D-rst.txt;

! END OF MODEL D.

```

E. MODEL E.

TITLE: MODEL E.

DATA:

FILE IS "C:\Users\USUARIO\Documents\MMDDIM rw v070812.raw";

VARIABLE:

NAMES ARE uenr sex woman t2age1 t1fhmd t1cspr t1cpls t2iedul t2hmd1
 t3ksta t3kssp t3kemb t3kdet t4isps1 t4ohhz1 t4mmds1 t4dep1 t4rdis1
 t4srdis1 t4panx1 t4cpls1 t4slec1 t5mmds2 t5dep2 t5rdis2 t5srdis2
 t5panx2 t5chrd2 t6dlem3 t6mtpr3 t6ldff3 t6isle3 o1mmds3 o1mddy3
 oldep3 olrdis3 olsrdis3;
 USEOBSERVATIONS = t4mmds1 == 1 OR t4mmds1 == 2;
 USEVARIABLES ARE woman t1fhmd t1cspr t1cpls t2age1 t2iedul t2hmd1 t3ksta
 t3kssp t3kemb t3kdet t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1 t4cpls1
 t4slec1 t5dep2 t5rdis2 t5panx2 t5chrd2 t6dlem3 t6mtpr3 t6ldff3 t6isle3
 o1mmds3;
 CATEGORICAL ARE t2iedul t2hmd1 t4isps1 t4ohhz1 t4dep1 t4rdis1 t4panx1
 t4cpls1 t4slec1 t5dep2 t5rdis2 t5panx2 t5chrd2 t6dlem3 t6mtpr3 t6ldff3
 t6isle3 o1mmds3;
 MISSING ARE .;

ANALYSIS:

TYPE = GENERAL MISSING H1;
 ESTIMATOR = WLSMV;
 PARAMETERIZATION IS THETA;
 ITERATIONS = 10000;
 CONVERGENCE = 0.00005;
 COVERAGE = 0.10;
 DIFFTEST IS WLSMV-NR0-B8F3RS04-A21sgprm-as-diff.dat;
 DIFFTEST IS WLSMV-NR4U-B8F3RS04-A21sgprm-as-diff.dat;

MODEL:

! Regressions
 ! Tier 2
 t2iedul ON t1cspr t1cpls t2age1@0;
 t2hmd1 ON t1fhmd t1cspr@0 t2age1;
 ! Tier 3
 t3ksta ON t2hmd1 t1cpls@0 woman;
 t3kssp ON t2hmd1 t1fhmd@0 t2age1;
 t3kemb ON t2hmd1 t2iedul t1cspr t1cpls@0;
 t3kdet ON t2age1 woman;
 ! Tier 4
 t4isps1 ON t3kemb t3kdet t2age1 woman;
 t4ohhz1 ON t3kemb t2hmd1@0 t2age1;
 t4dep1 ON t3kssp;
 t4rdis1 ON t3kssp t3kemb woman;
 t4panx1 ON t3kssp@0 t3kemb t3kdet;
 t4cpls1 ON t3kemb t2age1;
 t4slec1 ON t3kssp t3kemb t3kdet t1fhmd;
 ! Tier 5
 t5dep2 ON t4dep1 t3ksta t3kssp@0 t3kemb t3kdet;
 t5rdis2 ON t4rdis1 t3kssp@0 t3ksta t3kemb;
 t5panx2 ON t3ksta t3kssp t3kemb t1cpls@0;
 t5chrd2 ON t3ksta t2iedul t2age1;
 ! Tier 6
 t6dlem3 ON t4ohhz1@0 t4slec1 t3kemb t1fhmd t2age1;
 t6mtpr3 ON t4dep1 t4slec1 t2age1;
 t6ldff3 ON t5dep2@0 t5chrd2 t4slec1;
 t6isle3 ON t5chrd2 t4slec1;
 ! Out 1
 o1mmds3 ON t6dlem3 t6ldff3 t5dep2 t4panx1@0 t4cpls1 t3ksta;
 ! Correlations

```

! Tier 2: NO
! Tier 3
  t3ksta WITH t3kssp t3kemb t3kdet;
  t3kssp WITH t3kemb t3kdet;
  t3kemb WITH t3kdet;
! Tier 4
  t4isps1 WITH t4dep1 t4panx1@0;
  t4ohhz1 WITH t4cpls1@0 t4slec1@0 t4rdis1;
  t4dep1 WITH t4rdis1 t4panx1 t4cpls1 t4slec1;
  t4rdis1 WITH t4panx1 t4cpls1@0 t4slec1;
  t4cpls1 WITH t4slec1;
! Tier 5
  t5dep2 WITH t5rdis2 t5panx2;
  t5rdis2 WITH t5panx2 t4isps1@0 t4cpls1@0;
  t5panx2 WITH t4isps1@0 t4cpls1@0;
! Tier 6
  t6dlem3 WITH t6mtpr3 t6ldff3 t6isle3;
  t6mtpr3 WITH t6ldff3@0 t4isps1@0 t4cpls1@0 t5rdis2@0 t5panx2@0;
  t6ldff3 WITH t4isps1@0 t4cpls1@0 t5rdis2@0 t5panx2@0;
  t6isle3 WITH t4isps1@0 t4cpls1@0 t5rdis2@0 t5panx2@0 t6mtpr3@0
  t6ldff3@0;
! Out 1
  olmnds3 WITH t4isps1@0 t4cpls1@0 t5rdis2@0 t5panx2@0 t6mtpr3@0
  t6ldff3@0 t6isle3@0;

OUTPUT: SAMPSTAT STANDARDIZED RESIDUAL MODINDICES(4) H1SE
        TECH1 H1TECH3;

SAVEDATA:
        SAMPLE IS Model-E-smp.txt;
        RESULTS IS Model-E-rst.txt;

! END OF MODEL E.

```