

Mplus VERSION 8.1
MUTHEN & MUTHEN
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INPUT INSTRUCTIONS

TITLE: Interactions model TRAILS

Data:

File is GdataSU_forMPlusFeb21.txt ;

Variable:

Names are

ID PDadv PScount

ZREcortAC ZREcortRE Ze3CO1_1 parent

iint sint iext sext g1ageyrc g2ageyrc g3ageyrc g1sex C2rad3 C3rad3

c4rad3 c2rad5c c3rad5c c4rad12 c2rad13c c3rad13c c4rad47 c1parent

PRS_SU PRS_smk PRS_alc PRS_can;

Count is C3rad3(nbh) c3rad5c(nbh) c3rad13c(nbh);

USEVARIABLES are

PRS_smk PRS_alc PRS_can PDadv c1parent ZREcortAC C3rad3 c3rad5c c3rad13c

g1sex g1ageyrc

i1s i2s i3s i1a i2a i3a i1c i2c i3c i4 i5 i6;

Missing = .;

define:

i1s = PRS_smk*PDadv;

i2s = PRS_smk*c1parent;

i3s = PRS_smk*ZREcortAC;

i1a = PRS_alc*PDadv;

i2a = PRS_alc*c1parent;

i3a = PRS_alc*ZREcortAC;

i1c = PRS_can*PDadv;

i2c = PRS_can*c1parent;

i3c = PRS_can*ZREcortAC;

i4=PDadv*c1parent;

i5=PDadv*ZREcortAC;

i6=c1parent*ZREcortAC;

ANALYSIS:

ESTIMATOR = MLR;

MODEL=nocovariances;

ALGORITHM=INTEGRATION;

INTEGRATION=MONTECARLO;

MCONVERGENCE = .005;

LOGCRITERION=.000001;

MODEL:

! Main effects (split for length);

C3rad3 ON PRS_smk PDadv c1parent ZREcortAC g1sex g1ageyrc (g10-g15);
c3rad5c ON PRS_alc PDadv c1parent ZREcortAC g1sex g1ageyrc (g20-g25);
c3rad13c ON PRS_can PDadv c1parent ZREcortAC g1sex g1ageyrc (g30-g35);

!lintx;
C3rad3 ON i1s i2s i3s i4 i5 i6;
c3rad5c ON i1a i2a i3a i4 i5 i6;
c3rad13c ON i1c i2c i3c i4 i5 i6;

! Main effects (split for length);
C3rad3#1 ON PRS_smk PDadv c1parent ZREcortAC g1sex g1ageyrc (g40-g45);
c3rad5c#1 ON PRS_alc PDadv c1parent ZREcortAC g1sex g1ageyrc (g50-g55);
c3rad13c#1 ON PRS_can PDadv c1parent ZREcortAC g1sex g1ageyrc (g60-g65);

!lintx;
C3rad3#1 ON i1s i2s i3s i4 i5 i6;
c3rad5c#1 ON i1a i2a i3a i4 i5 i6;
c3rad13c#1 ON i1c i2c i3c i4 i5 i6;

PRS_smk with PRS_alc;
PRS_smk with PRS_can;
PRS_alc with PRS_can;

i1s with i1a i1c;
i1a with i1c;

i2s with i2a i2c;
i2a with i2c;

i3s with i3a i3c;
i3a with i3c;

g1sex with c1parent;
g1sex with ZREcortAC;

[PRS_smk];
[PRS_alc];
[PRS_can];
[PDadv];
[c1parent];
[ZREcortAC];
[i1s];
[i2s];
[i3s];
[i1a];
[i2a];
[i3a];
[i1c];
[i2c];
[i3c];
[i4];
[i5];
[i6];

```
[C3rad3];  
[c3rad5c];  
[c3rad13c];  
[g1sex];  
[g1ageyrc];
```

```
MODEL CONSTRAINT: NEW(ssalci51-ssalci53 ssalci61-ssalci63 sscani51-sscani53  
sscani61-sscani63 sscani41-sscani43 sssmki31-sssmki33);
```

```
ssalci51=g51+g53*(-.63);  
ssalci52=g51+g53*0;  
ssalci53=g51+g53*.62;
```

```
ssalci61=g52+g53*(-.63);  
ssalci62=g52+g53*0;  
ssalci63=g52+g53*.62;
```

```
sscani51=g61+g53*(-.63);  
sscani52=g61+g53*0;  
sscani53=g61+g53*.62;
```

```
sscani61=g62+g53*(-.63);  
sscani62=g62+g53*0;  
sscani63=g62+g53*.62;
```

```
sscani41=g31+g32*(-.74);  
sscani42=g31+g32*0;  
sscani43=g31+g32*.83;
```

```
sssmki31=g40+g43*(-.63);  
sssmki32=g40+g43*0;  
sssmki33=g40+g43*.62;
```

OUTPUT: sampstat standardized PATTERNS;

*** WARNING in VARIABLE command

Note that only the first 8 characters of variable names are used in the output.
Shorten variable names to avoid any confusion.

1 WARNING(S) FOUND IN THE INPUT INSTRUCTIONS

Interactions model TRAILS
SUMMARY OF ANALYSIS

Number of groups	1
Number of observations	2230

Number of dependent variables	3
Number of independent variables	20
Number of continuous latent variables	0

Observed dependent variables

Count

C3RAD3 C3RAD5C C3RAD13C

Observed independent variables

PRS_SMK PRS_ALC PRS_CAN PDADV C1PARENT ZRECORTA
G1SEX G1AGEYRC I1S I2S I3S I1A
I2A I3A I1C I2C I3C I4
I5 I6

Estimator	MLR
Information matrix	OBSERVED
Optimization Specifications for the Quasi-Newton Algorithm for Continuous Outcomes	
Maximum number of iterations	100
Convergence criterion	0.100D-05
Optimization Specifications for the EM Algorithm	
Maximum number of iterations	500
Convergence criteria	
Loglikelihood change	0.100D-05
Relative loglikelihood change	0.100D-05
Derivative	0.500D-02
Optimization Specifications for the M step of the EM Algorithm for Categorical Latent variables	
Number of M step iterations	1
M step convergence criterion	0.100D-02
Basis for M step termination	ITERATION
Optimization Specifications for the M step of the EM Algorithm for Censored, Binary or Ordered Categorical (Ordinal), Unordered Categorical (Nominal) and Count Outcomes	
Number of M step iterations	1
M step convergence criterion	0.100D-02
Basis for M step termination	ITERATION
Maximum value for logit thresholds	15
Minimum value for logit thresholds	-15
Minimum expected cell size for chi-square	0.100D-01
Maximum number of iterations for H1	2000
Convergence criterion for H1	0.100D-03
Optimization algorithm	EMA
Integration Specifications	
Type	MONTECARLO
Number of integration points	4500
Dimensions of numerical integration	18
Adaptive quadrature	ON
Monte Carlo integration seed	0
Cholesky	OFF

Input data file(s)
 GdataSU_forMPlusFeb21.txt
 Input data format FREE

SUMMARY OF DATA

Number of missing data patterns 11

SUMMARY OF MISSING DATA PATTERNS

MISSING DATA PATTERNS FOR Y (x = not missing)

	1	2	3	4	5	6	7	8	9	10	11
PRS_SMK	x	x						x	x	x	x
PRS_ALC	x	x						x	x	x	x
PRS_CAN	x	x						x	x	x	x
PDADV	x	x	x	x				x	x	x	
C1PARENT	x	x	x	x	x	x	x	x	x		x
ZRECORTA	x				x			x	x	x	
G1SEX	x	x	x	x	x	x	x	x	x	x	x
G1AGEYRC	x	x	x	x	x	x	x	x	x	x	x
I1S	x	x						x		x	
I2S	x	x						x		x	
I3S	x							x		x	
I1A	x	x						x		x	
I2A	x	x						x		x	
I3A	x							x		x	
I1C	x	x						x		x	
I2C	x	x						x		x	
I3C	x							x		x	
I4	x	x	x	x							
I5	x		x					x			
I6	x		x	x					x		

MISSING DATA PATTERN FREQUENCIES FOR Y

Pattern	Frequency	Pattern	Frequency	Pattern	Frequency
1	538	5	68	9	16
2	772	6	8	10	13
3	693	7	22	11	3
4	93	8	4		

COVARIANCE COVERAGE OF DATA

Minimum covariance coverage value 0.100

PROPORTION OF DATA PRESENT FOR Y

Covariance Coverage					
	PRS_SMK	PRS_ALC	PRS_CAN	PDADV	C1PARENT
PRS_SMK	0.606				
PRS_ALC	0.606	0.606			
PRS_CAN	0.606	0.606	0.606		
PDADV	0.591	0.591	0.591	0.950	
C1PARENT	0.603	0.603	0.603	0.940	0.990
ZRECORTA	0.249	0.249	0.249	0.285	0.292
G1SEX	0.606	0.606	0.606	0.950	0.990
G1AGEYRC	0.606	0.606	0.606	0.950	0.990
I1S	0.591	0.591	0.591	0.591	0.587
I2S	0.603	0.603	0.603	0.587	0.603
I3S	0.249	0.249	0.249	0.243	0.247
I1A	0.591	0.591	0.591	0.591	0.587
I2A	0.603	0.603	0.603	0.587	0.603
I3A	0.249	0.249	0.249	0.243	0.247
I1C	0.591	0.591	0.591	0.591	0.587
I2C	0.603	0.603	0.603	0.587	0.603
I3C	0.249	0.249	0.249	0.243	0.247
I4	0.587	0.587	0.587	0.940	0.940
I5	0.243	0.243	0.243	0.285	0.283
I6	0.247	0.247	0.247	0.283	0.292

Covariance Coverage					
	ZRECORTA	G1SEX	G1AGEYRC	I1S	I2S
ZRECORTA	0.294				
G1SEX	0.294	1.000			
G1AGEYRC	0.294	1.000	1.000		
I1S	0.243	0.591	0.591	0.591	
I2S	0.247	0.603	0.603	0.587	0.603
I3S	0.249	0.249	0.249	0.243	0.247
I1A	0.243	0.591	0.591	0.591	0.587
I2A	0.247	0.603	0.603	0.587	0.603
I3A	0.249	0.249	0.249	0.243	0.247
I1C	0.243	0.591	0.591	0.591	0.587
I2C	0.247	0.603	0.603	0.587	0.603
I3C	0.249	0.249	0.249	0.243	0.247
I4	0.283	0.940	0.940	0.587	0.587
I5	0.285	0.285	0.285	0.243	0.241
I6	0.292	0.292	0.292	0.241	0.247

Covariance Coverage					
	I3S	I1A	I2A	I3A	I1C
I3S	0.249				
I1A	0.243	0.591			
I2A	0.247	0.587	0.603		

I3A	0.249	0.243	0.247	0.249	
I1C	0.243	0.591	0.587	0.243	0.591
I2C	0.247	0.587	0.603	0.247	0.587
I3C	0.249	0.243	0.247	0.249	0.243
I4	0.241	0.587	0.587	0.241	0.587
I5	0.243	0.243	0.241	0.243	0.243
I6	0.247	0.241	0.247	0.247	0.241

Covariance Coverage

	I2C	I3C	I4	I5	I6
I2C	0.603				
I3C	0.247	0.249			
I4	0.587	0.241	0.940		
I5	0.241	0.243	0.283	0.285	
I6	0.247	0.247	0.283	0.283	0.292

COUNT PROPORTION OF ZERO, MINIMUM AND MAXIMUM VALUES

C3RAD3	0.658	0	7
C3RAD5C	0.228	0	13
C3RAD13C	0.871	0	13

SAMPLE STATISTICS

ESTIMATED SAMPLE STATISTICS

Means

PRS_SMK	PRS_ALC	PRS_CAN	PDADV	C1PARENT
0.001	0.002	0.001	0.002	0.000

Means

ZRECORTA	G1SEX	G1AGEYRC	I1S	I2S
-0.003	0.000	0.000	0.114	-0.073

Means

I3S	I1A	I2A	I3A	I1C
-0.030	0.047	0.014	0.052	0.031

Means

I2C	I3C	I4	I5	I6

0.012 -0.006 -0.036 0.034 -0.024

Covariances					
	PRS_SMK	PRS_ALC	PRS_CAN	PDADV	C1PARENT
PRS_SMK	0.981				
PRS_ALC	0.236	1.016			
PRS_CAN	0.168	0.168	0.963		
PDADV	0.114	0.048	0.030	0.999	
C1PARENT	-0.075	0.011	0.010	-0.035	1.000
ZRECORTA	-0.040	0.052	-0.016	0.040	-0.015
G1SEX	0.016	0.031	0.011	0.014	-0.127
G1AGEYRC	-0.020	0.004	0.008	0.050	0.008
I1S	-0.001	-0.023	-0.016	-0.028	-0.016
I2S	-0.018	-0.004	-0.045	-0.020	0.082
I3S	0.097	0.027	0.016	-0.085	-0.013
I1A	-0.024	-0.021	0.002	-0.005	0.041
I2A	-0.005	-0.016	-0.006	0.043	-0.027
I3A	0.023	0.156	0.057	-0.018	-0.037
I1C	-0.016	0.002	-0.034	0.007	0.013
I2C	-0.046	-0.006	-0.009	0.013	-0.021
I3C	0.014	0.060	-0.030	0.023	-0.011
I4	-0.016	0.042	0.012	-0.010	0.027
I5	-0.105	-0.022	0.022	-0.009	-0.001
I6	-0.051	-0.036	-0.009	0.019	-0.026

Covariances					
	ZRECORTA	G1SEX	G1AGEYRC	I1S	I2S
ZRECORTA	1.005				
G1SEX	0.224	1.000			
G1AGEYRC	-0.067	0.031	1.000		
I1S	-0.108	0.018	0.042	0.913	
I2S	-0.062	0.056	0.005	-0.108	1.159
I3S	-0.237	0.002	0.018	0.141	0.193
I1A	-0.010	0.013	0.011	0.238	0.005
I2A	-0.039	0.028	0.034	0.000	0.292
I3A	0.094	-0.002	0.019	-0.025	0.007
I1C	0.012	0.019	0.015	0.123	-0.002
I2C	-0.035	0.049	0.001	-0.007	0.325
I3C	-0.024	0.053	0.045	0.001	0.041
I4	0.027	0.004	-0.043	-0.122	0.150
I5	0.063	-0.048	0.000	-0.049	-0.104
I6	0.191	-0.001	-0.059	-0.096	-0.082

Covariances					
	I3S	I1A	I2A	I3A	I1C
I3S	1.190				
I1A	-0.016	0.951			

I2A	0.011	-0.028	0.996		
I3A	0.193	0.042	0.013	1.167	
I1C	0.003	0.136	0.027	0.002	0.888
I2C	0.046	0.027	0.262	0.025	-0.030
I3C	0.028	0.005	0.031	0.273	0.066
I4	-0.075	-0.001	-0.012	0.025	0.001
I5	0.060	0.011	0.043	0.030	-0.047
I6	-0.309	0.030	0.142	0.083	-0.024

Covariances

	I2C	I3C	I4	I5	I6
I2C	1.044				
I3C	0.024	0.947			
I4	-0.022	-0.012	0.958		
I5	-0.001	-0.147	0.003	1.055	
I6	0.100	0.077	0.061	-0.057	0.784

Correlations

	PRS_SMK	PRS_ALC	PRS_CAN	PDADV	C1PARENT
PRS_SMK	1.000				
PRS_ALC	0.236	1.000			
PRS_CAN	0.173	0.170	1.000		
PDADV	0.116	0.048	0.031	1.000	
C1PARENT	-0.076	0.011	0.011	-0.035	1.000
ZRECORTA	-0.040	0.051	-0.016	0.039	-0.015
G1SEX	0.016	0.031	0.011	0.014	-0.128
G1AGEYRC	-0.020	0.004	0.009	0.050	0.008
I1S	-0.001	-0.024	-0.017	-0.029	-0.017
I2S	-0.017	-0.003	-0.043	-0.018	0.076
I3S	0.090	0.024	0.015	-0.078	-0.012
I1A	-0.025	-0.022	0.002	-0.005	0.042
I2A	-0.005	-0.016	-0.006	0.043	-0.027
I3A	0.022	0.143	0.053	-0.017	-0.034
I1C	-0.017	0.002	-0.037	0.007	0.014
I2C	-0.045	-0.006	-0.009	0.013	-0.020
I3C	0.014	0.062	-0.031	0.023	-0.012
I4	-0.017	0.042	0.013	-0.011	0.028
I5	-0.103	-0.021	0.022	-0.009	-0.001
I6	-0.059	-0.040	-0.011	0.021	-0.029

Correlations

	ZRECORTA	G1SEX	G1AGEYRC	I1S	I2S
ZRECORTA	1.000				
G1SEX	0.223	1.000			
G1AGEYRC	-0.066	0.031	1.000		
I1S	-0.113	0.019	0.044	1.000	
I2S	-0.058	0.052	0.005	-0.105	1.000

I3S	-0.217	0.002	0.017	0.135	0.164
I1A	-0.010	0.013	0.011	0.255	0.005
I2A	-0.039	0.028	0.035	0.000	0.271
I3A	0.087	-0.002	0.018	-0.024	0.006
I1C	0.013	0.021	0.016	0.136	-0.002
I2C	-0.034	0.048	0.001	-0.008	0.295
I3C	-0.024	0.055	0.046	0.001	0.039
I4	0.028	0.004	-0.044	-0.131	0.142
I5	0.061	-0.046	0.000	-0.050	-0.094
I6	0.215	-0.001	-0.067	-0.113	-0.086

Correlations

	I3S	I1A	I2A	I3A	I1C
I3S	1.000				
I1A	-0.015	1.000			
I2A	0.010	-0.029	1.000		
I3A	0.164	0.040	0.012	1.000	
I1C	0.003	0.148	0.028	0.002	1.000
I2C	0.041	0.027	0.257	0.022	-0.031
I3C	0.026	0.005	0.032	0.260	0.072
I4	-0.070	-0.001	-0.012	0.024	0.001
I5	0.054	0.011	0.041	0.027	-0.048
I6	-0.320	0.034	0.160	0.086	-0.029

Correlations

	I2C	I3C	I4	I5	I6
I2C	1.000				
I3C	0.024	1.000			
I4	-0.022	-0.013	1.000		
I5	-0.001	-0.148	0.003	1.000	
I6	0.110	0.090	0.070	-0.063	1.000

MAXIMUM LOG-LIKELIHOOD VALUE FOR THE UNRESTRICTED (H1) MODEL IS -36967.895

UNIVARIATE SAMPLE STATISTICS

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

Variable/ Sample Size	Mean/ Variance	Skewness/ Kurtosis	Minimum/ Maximum	% with Min/Max	Percentiles 20%/60%	40%/80%	Median
PRS_SMK	0.000	-0.012	-3.031	0.07%	-0.856	-0.242	0.039
1352.000	0.980	-0.079	3.137	0.07%	0.265	0.860	
PRS_ALC	0.000	0.124	-3.371	0.07%	-0.860	-0.290	-0.042
1352.000	1.016	0.007	3.199	0.07%	0.251	0.830	
PRS_CAN	0.000	0.054	-2.836	0.07%	-0.817	-0.258	-0.031

	1352.000	0.963	0.005	4.140	0.07%	0.254	0.830
PDADV	0.000	0.544	-1.354	18.64%	-0.431	-0.431	-0.431
	2119.000	1.000	-0.297	2.340	5.24%	0.493	0.493
C1PARENT	0.000	-0.994	-6.173	0.05%	-0.736	-0.128	0.125
	2207.000	1.000	2.102	1.915	0.18%	0.354	0.832
ZRECORTAC	0.000	0.754	-6.767	0.15%	-0.633	-0.414	-0.274
	656.000	0.998	5.460	4.199	0.15%	-0.084	0.617
G1SEX	0.000	0.030	-0.985	50.76%	-0.985	-0.985	-0.985
	2230.000	1.000	-1.999	1.015	49.24%	1.015	1.015
G1AGEYRC	0.000	0.486	-1.976	0.13%	-0.853	-0.410	-0.168
	2230.000	1.000	-0.466	2.650	0.04%	0.108	0.896
I1S	0.112	0.579	-4.485	0.08%	-0.466	-0.095	0.056
	1317.000	0.913	4.019	5.232	0.08%	0.220	0.619
I2S	-0.076	-0.972	-11.756	0.07%	-0.575	-0.139	-0.019
	1345.000	1.157	24.823	10.862	0.07%	0.052	0.422
I3S	-0.038	-1.328	-8.771	0.18%	-0.438	-0.105	-0.014
	555.000	1.184	22.236	6.451	0.18%	0.045	0.364
I1A	0.047	0.079	-4.993	0.08%	-0.491	-0.148	0.026
	1317.000	0.951	4.247	4.836	0.08%	0.171	0.602
I2A	0.011	0.245	-7.599	0.07%	-0.485	-0.093	-0.006
	1345.000	0.995	13.420	9.555	0.07%	0.088	0.518
I3A	0.046	1.324	-6.059	0.18%	-0.360	-0.084	0.019
	555.000	1.167	18.840	9.083	0.18%	0.098	0.475
I1C	0.029	0.381	-4.523	0.08%	-0.553	-0.125	0.012
	1317.000	0.888	3.740	5.060	0.08%	0.158	0.572
I2C	0.010	0.050	-9.270	0.07%	-0.457	-0.076	0.011
	1345.000	1.044	14.366	8.375	0.07%	0.096	0.482
I3C	-0.011	-1.403	-8.831	0.18%	-0.419	-0.077	0.005
	555.000	0.947	17.396	4.705	0.18%	0.080	0.422
I4	-0.035	-0.162	-7.260	0.05%	-0.536	-0.183	-0.016
	2096.000	0.958	6.455	5.885	0.05%	0.126	0.470
I5	0.037	0.569	-8.562	0.16%	-0.416	-0.133	0.028
	635.000	1.054	21.411	9.164	0.16%	0.164	0.390
I6	-0.019	-0.571	-6.254	0.15%	-0.421	-0.112	-0.024
	652.000	0.779	11.566	4.609	0.15%	0.036	0.331

WARNING: THE MODEL ESTIMATION HAS REACHED A SADDLE POINT OR A POINT WHERE THE OBSERVED AND THE EXPECTED INFORMATION MATRICES DO NOT MATCH.
 AN ADJUSTMENT TO THE ESTIMATION OF THE INFORMATION MATRIX HAS BEEN MADE.
 THE CONDITION NUMBER IS -0.272D-03.
 THE PROBLEM MAY ALSO BE RESOLVED BY DECREASING THE VALUE OF THE
 MCONVERGENCE OR LOGCRITERION OPTIONS OR BY CHANGING THE STARTING VALUES
 OR BY INCREASING THE NUMBER OF INTEGRATION POINTS OR BY USING THE MLF ESTIMATOR.

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters

135

Loglikelihood

H0 Value -43916.455
H0 Scaling Correction Factor 1.8928
for MLR

Information Criteria

Akaike (AIC) 88102.909
Bayesian (BIC) 88873.727
Sample-Size Adjusted BIC 88444.810
($n^* = (n + 2) / 24$)

MODEL RESULTS

	Estimate	S.E.	Two-Tailed Est./S.E.	P-Value
C3RAD3 ON				
PRS_SMK	0.052	0.019	2.697	0.007
PDADV	0.030	0.017	1.722	0.085
C1PARENT	-0.011	0.021	-0.517	0.605
ZRECORTAC	-0.069	0.021	-3.218	0.001
G1SEX	-0.006	0.018	-0.339	0.734
G1AGEYRC	0.014	0.018	0.759	0.448
I1S	0.005	0.019	0.285	0.776
I2S	-0.018	0.015	-1.189	0.235
I3S	0.009	0.010	0.893	0.372
I4	0.026	0.018	1.494	0.135
I5	-0.010	0.018	-0.585	0.559
I6	-0.017	0.020	-0.858	0.391
C3RAD5C ON				
PRS_ALC	0.038	0.026	1.441	0.150
PDADV	0.015	0.026	0.601	0.548
C1PARENT	-0.016	0.025	-0.627	0.531
ZRECORTAC	-0.155	0.038	-4.049	0.000
G1SEX	0.142	0.026	5.362	0.000
G1AGEYRC	0.012	0.025	0.462	0.644
I1A	0.026	0.029	0.910	0.363
I2A	-0.042	0.028	-1.466	0.143
I3A	-0.021	0.034	-0.632	0.528
I4	-0.006	0.025	-0.251	0.801
I5	0.035	0.051	0.690	0.490
I6	0.083	0.053	1.565	0.118
C3RAD13C ON				
PRS_CAN	-0.061	0.085	-0.711	0.477
PDADV	-0.176	0.086	-2.043	0.041
C1PARENT	-0.188	0.065	-2.908	0.004
ZRECORTAC	-0.271	0.084	-3.217	0.001

G1SEX	0.354	0.088	4.024	0.000
G1AGEYRC	-0.043	0.082	-0.521	0.602
I1C	0.093	0.099	0.945	0.345
I2C	-0.130	0.077	-1.690	0.091
I3C	0.134	0.095	1.410	0.158
I4	-0.144	0.076	-1.908	0.056
I5	0.071	0.104	0.685	0.493
I6	-0.068	0.110	-0.612	0.541

C3RAD3#1 ON

PRS_SMK	-0.567	0.082	-6.956	0.000
PDADV	-0.102	0.072	-1.417	0.157
C1PARENT	0.145	0.077	1.880	0.060
ZRECORTAC	0.873	0.173	5.035	0.000
G1SEX	0.032	0.077	0.412	0.681
G1AGEYRC	-0.042	0.071	-0.593	0.553
I1S	-0.008	0.080	-0.103	0.918
I2S	0.038	0.076	0.498	0.619
I3S	0.268	0.112	2.399	0.016
I4	-0.022	0.075	-0.293	0.770
I5	-0.391	0.228	-1.713	0.087
I6	-0.450	0.317	-1.422	0.155

C3RAD5C#1 ON

PRS_ALC	-0.254	0.073	-3.456	0.001
PDADV	-0.129	0.068	-1.879	0.060
C1PARENT	-0.035	0.067	-0.519	0.604
ZRECORTAC	0.358	0.108	3.309	0.001
G1SEX	-0.086	0.071	-1.207	0.227
G1AGEYRC	-0.034	0.065	-0.523	0.601
I1A	-0.002	0.073	-0.034	0.973
I2A	-0.041	0.077	-0.535	0.593
I3A	-0.002	0.108	-0.018	0.986
I4	-0.055	0.071	-0.768	0.442
I5	-0.450	0.135	-3.340	0.001
I6	-0.277	0.159	-1.741	0.082

C3RAD13C#1 ON

PRS_CAN	-0.291	0.087	-3.338	0.001
PDADV	-0.261	0.086	-3.046	0.002
C1PARENT	0.052	0.089	0.592	0.554
ZRECORTAC	0.836	0.160	5.224	0.000
G1SEX	-0.622	0.096	-6.455	0.000
G1AGEYRC	-0.145	0.082	-1.762	0.078
I1C	0.027	0.086	0.310	0.757
I2C	0.103	0.078	1.317	0.188
I3C	-0.152	0.152	-1.000	0.317
I4	-0.113	0.085	-1.334	0.182
I5	-0.358	0.187	-1.909	0.056
I6	-0.496	0.260	-1.904	0.057

PRS_SMK WITH

PRS_ALC	0.237	0.028	8.506	0.000
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PRS_CAN	0.169	0.027	6.238	0.000
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PRS_ALC WITH

PRS_CAN	0.169	0.026	6.519	0.000
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I1S WITH

I1A	0.238	0.046	5.144	0.000
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I1C	0.123	0.037	3.323	0.001
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I1A WITH

I1C	0.136	0.041	3.347	0.001
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I2S WITH

I2A	0.292	0.092	3.161	0.002
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I2C	0.324	0.112	2.900	0.004
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I2A WITH

I2C	0.261	0.068	3.861	0.000
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I3S WITH

I3A	0.191	0.153	1.251	0.211
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I3C	0.024	0.146	0.163	0.871
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I3A WITH

I3C	0.268	0.090	2.985	0.003
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G1SEX WITH

C1PARENT	-0.127	0.021	-6.012	0.000
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ZRECORTAC	0.204	0.038	5.395	0.000
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Means

PRS_SMK	0.000	0.027	-0.004	0.997
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PRS_ALC	-0.002	0.027	-0.079	0.937
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PRS_CAN	0.000	0.027	-0.018	0.986
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PDADV	0.000	0.022	-0.020	0.984
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C1PARENT	0.000	0.021	-0.015	0.988
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ZRECORTAC	0.011	0.040	0.283	0.777
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G1SEX	0.000	0.021	0.000	1.000
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G1AGEYRC	0.000	0.021	0.000	1.000
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I1S	0.112	0.026	4.246	0.000
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I2S	-0.076	0.029	-2.601	0.009
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I3S	-0.040	0.046	-0.883	0.377
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I1A	0.048	0.027	1.771	0.077
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I2A	0.011	0.027	0.390	0.697
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I3A	0.044	0.045	0.981	0.327
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I1C	0.029	0.026	1.101	0.271
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I2C	0.010	0.028	0.351	0.726
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I3C	-0.014	0.042	-0.338	0.736
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I4	-0.036	0.021	-1.667	0.096
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I5	0.030	0.042	0.716	0.474
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I6	-0.025	0.036	-0.698	0.485
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Intercepts

C3RAD3#1	0.846	0.086	9.843	0.000
C3RAD3	1.467	0.024	62.294	0.000
C3RAD5C#1	-1.340	0.075	-17.982	0.000
C3RAD5C	1.400	0.030	45.969	0.000
C3RAD13C#1	2.295	0.119	19.242	0.000
C3RAD13C	1.120	0.140	8.002	0.000

Variances

PRS_SMK	0.981	0.037	26.530	0.000
PRS_ALC	1.018	0.039	25.886	0.000
PRS_CAN	0.964	0.037	25.945	0.000
PDADV	0.999	0.028	35.289	0.000
C1PARENT	1.000	0.043	23.191	0.000
ZRECORTAC	1.074	0.113	9.538	0.000
G1SEX	0.999	0.001	1169.961	0.000
G1AGEYRC	1.000	0.026	38.128	0.000
I1S	0.913	0.062	14.800	0.000
I2S	1.156	0.163	7.094	0.000
I3S	1.178	0.246	4.789	0.000
I1A	0.951	0.065	14.523	0.000
I2A	0.995	0.106	9.350	0.000
I3A	1.165	0.224	5.204	0.000
I1C	0.888	0.059	15.128	0.000
I2C	1.044	0.115	9.063	0.000
I3C	0.944	0.175	5.401	0.000
I4	0.958	0.061	15.747	0.000
I5	1.075	0.208	5.166	0.000
I6	0.793	0.122	6.498	0.000

Dispersion

C3RAD3	0.000	0.003	0.008	0.994
C3RAD5C	0.492	0.041	12.062	0.000
C3RAD13C	0.870	0.210	4.150	0.000

New/Additional Parameters

SSALCI51	-0.354	0.093	-3.801	0.000
SSALCI52	-0.129	0.068	-1.879	0.060
SSALCI53	0.094	0.099	0.945	0.345
SSALCI61	-0.261	0.096	-2.704	0.007
SSALCI62	-0.035	0.067	-0.519	0.604
SSALCI63	0.187	0.095	1.979	0.048
SSCANI51	-0.487	0.111	-4.380	0.000
SSCANI52	-0.261	0.086	-3.046	0.002
SSCANI53	-0.039	0.107	-0.363	0.717
SSCANI61	-0.173	0.114	-1.526	0.127
SSCANI62	0.052	0.089	0.592	0.554
SSCANI63	0.275	0.109	2.509	0.012
SSCANI41	-0.036	0.100	-0.365	0.715
SSCANI42	-0.176	0.086	-2.043	0.041
SSCANI43	-0.332	0.100	-3.320	0.001
SSSMKI31	-1.117	0.136	-8.211	0.000
SSSMKI32	-0.567	0.082	-6.956	0.000
SSSMKI33	-0.026	0.135	-0.194	0.846

STANDARDIZED MODEL RESULTS

STDYX Standardization

	Estimate	S.E.	Two-Tailed Est./S.E.	P-Value
C3RAD3 ON				
PRS_SMK	0.499	0.169	2.954	0.003
PDADV	0.290	0.162	1.786	0.074
C1PARENT	-0.104	0.201	-0.519	0.604
ZRECORTAC	-0.693	0.140	-4.936	0.000
G1SEX	-0.058	0.171	-0.339	0.735
G1AGEYRC	0.132	0.173	0.762	0.446
I1S	0.050	0.177	0.284	0.776
I2S	-0.183	0.153	-1.193	0.233
I3S	0.095	0.104	0.920	0.358
I4	0.250	0.162	1.543	0.123
I5	-0.104	0.180	-0.580	0.562
I6	-0.148	0.169	-0.874	0.382

C3RAD5C ON				
PRS_ALC	0.171	0.118	1.451	0.147
PDADV	0.070	0.115	0.602	0.547
C1PARENT	-0.071	0.114	-0.620	0.536
ZRECORTAC	-0.725	0.112	-6.452	0.000
G1SEX	0.638	0.101	6.315	0.000
G1AGEYRC	0.052	0.114	0.461	0.645
I1A	0.115	0.126	0.911	0.362
I2A	-0.187	0.122	-1.534	0.125
I3A	-0.103	0.160	-0.643	0.520
I4	-0.027	0.109	-0.251	0.802
I5	0.164	0.235	0.698	0.485
I6	0.332	0.209	1.592	0.111

C3RAD13C ON				
PRS_CAN	-0.105	0.146	-0.718	0.473
PDADV	-0.308	0.152	-2.027	0.043
C1PARENT	-0.330	0.109	-3.018	0.003
ZRECORTAC	-0.492	0.122	-4.030	0.000
G1SEX	0.622	0.137	4.522	0.000
G1AGEYRC	-0.075	0.144	-0.523	0.601
I1C	0.154	0.158	0.976	0.329
I2C	-0.232	0.137	-1.699	0.089
I3C	0.229	0.153	1.499	0.134
I4	-0.248	0.126	-1.964	0.049
I5	0.130	0.185	0.702	0.483
I6	-0.105	0.168	-0.628	0.530

C3RAD3#1 ON

PRS_SMK	-0.254	0.034	-7.415	0.000
PDADV	-0.046	0.032	-1.425	0.154
C1PARENT	0.066	0.035	1.856	0.063
ZRECORTAC	0.409	0.065	6.303	0.000
G1SEX	0.014	0.035	0.411	0.681
G1AGEYRC	-0.019	0.032	-0.592	0.554
I1S	-0.004	0.034	-0.103	0.918
I2S	0.018	0.037	0.496	0.620
I3S	0.132	0.052	2.514	0.012
I4	-0.010	0.033	-0.293	0.770
I5	-0.184	0.106	-1.735	0.083
I6	-0.181	0.133	-1.368	0.171

C3RAD5C#1 ON

PRS_ALC	-0.131	0.037	-3.509	0.000
PDADV	-0.066	0.035	-1.891	0.059
C1PARENT	-0.018	0.035	-0.519	0.604
ZRECORTAC	0.191	0.057	3.329	0.001
G1SEX	-0.044	0.036	-1.210	0.226
G1AGEYRC	-0.017	0.033	-0.523	0.601
I1A	-0.001	0.037	-0.034	0.973
I2A	-0.021	0.039	-0.534	0.593
I3A	-0.001	0.060	-0.018	0.986
I4	-0.027	0.036	-0.769	0.442
I5	-0.240	0.077	-3.125	0.002
I6	-0.127	0.075	-1.696	0.090

C3RAD13C#1 ON

PRS_CAN	-0.131	0.039	-3.373	0.001
PDADV	-0.119	0.038	-3.122	0.002
C1PARENT	0.024	0.041	0.590	0.555
ZRECORTAC	0.397	0.062	6.419	0.000
G1SEX	-0.284	0.040	-7.135	0.000
G1AGEYRC	-0.066	0.037	-1.770	0.077
I1C	0.012	0.037	0.310	0.756
I2C	0.048	0.036	1.336	0.182
I3C	-0.068	0.070	-0.961	0.336
I4	-0.051	0.038	-1.336	0.181
I5	-0.170	0.089	-1.900	0.057
I6	-0.202	0.109	-1.858	0.063

PRS_SMK WITH

PRS_ALC	0.237	0.025	9.318	0.000
PRS_CAN	0.174	0.026	6.614	0.000

PRS_ALC WITH

PRS_CAN	0.171	0.025	6.796	0.000
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I1S WITH

I1A	0.255	0.045	5.682	0.000
I1C	0.136	0.040	3.385	0.001

I1A WITH

I1C	0.148	0.042	3.489	0.000
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I2S WITH

I2A	0.272	0.076	3.569	0.000
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I2C	0.295	0.076	3.872	0.000
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I2A WITH

I2C	0.256	0.052	4.921	0.000
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I3S WITH

I3A	0.163	0.128	1.278	0.201
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I3C	0.023	0.140	0.161	0.872
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I3A WITH

I3C	0.256	0.067	3.793	0.000
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G1SEX WITH

C1PARENT	-0.127	0.021	-6.113	0.000
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ZRECORTAC	0.197	0.036	5.492	0.000
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Means

PRS_SMK	0.000	0.027	-0.004	0.997
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PRS_ALC	-0.002	0.027	-0.079	0.937
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PRS_CAN	0.000	0.027	-0.018	0.986
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PDADV	0.000	0.022	-0.020	0.984
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C1PARENT	0.000	0.021	-0.015	0.988
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ZRECORTAC	0.011	0.039	0.284	0.776
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G1SEX	0.000	0.021	0.000	1.000
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G1AGEYRC	0.000	0.021	0.000	1.000
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I1S	0.117	0.027	4.348	0.000
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I2S	-0.071	0.027	-2.646	0.008
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I3S	-0.037	0.041	-0.901	0.368
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I1A	0.049	0.028	1.771	0.077
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I2A	0.011	0.027	0.390	0.696
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I3A	0.041	0.041	1.002	0.316
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I1C	0.030	0.027	1.107	0.268
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I2C	0.010	0.027	0.351	0.726
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I3C	-0.015	0.043	-0.341	0.733
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I4	-0.036	0.022	-1.670	0.095
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I5	0.029	0.041	0.716	0.474
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I6	-0.028	0.040	-0.706	0.480
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Intercepts

C3RAD3#1	0.383	0.035	10.842	0.000
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C3RAD3	14.254	2.792	5.105	0.000
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C3RAD5C#1	-0.689	0.035	-19.915	0.000
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C3RAD5C	6.298	1.017	6.193	0.000
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C3RAD13C#1	1.050	0.041	25.343	0.000
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C3RAD13C	1.966	0.471	4.179	0.000
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Variances

PRS_SMK	1.000	0.000	999.000	999.000
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PRS_ALC	1.000	0.000	999.000	999.000
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PRS_CAN	1.000	0.000	999.000	999.000
PDADV	1.000	0.000	999.000	999.000
C1PARENT	1.000	0.000	999.000	999.000
ZRECORTAC	1.000	0.000	999.000	999.000
G1SEX	1.000	0.000	999.000	999.000
G1AGEYRC	1.000	0.000	999.000	999.000
I1S	1.000	0.000	999.000	999.000
I2S	1.000	0.000	999.000	999.000
I3S	1.000	0.000	999.000	999.000
I1A	1.000	0.000	999.000	999.000
I2A	1.000	0.000	999.000	999.000
I3A	1.000	0.000	999.000	999.000
I1C	1.000	0.000	999.000	999.000
I2C	1.000	0.000	999.000	999.000
I3C	1.000	0.000	999.000	999.000
I4	1.000	0.000	999.000	999.000
I5	1.000	0.000	999.000	999.000
I6	1.000	0.000	999.000	999.000

Dispersion

C3RAD3	0.000	999.000	999.000	999.000
C3RAD5C	0.000	999.000	999.000	999.000
C3RAD13C	0.000	999.000	999.000	999.000

STDY Standardization

		Two-Tailed		
Estimate	S.E.	Est./S.E.	P-Value	

C3RAD3 ON

PRS_SMK	0.499	0.169	2.954	0.003
PDADV	0.290	0.162	1.786	0.074
C1PARENT	-0.104	0.201	-0.519	0.604
ZRECORTAC	-0.693	0.140	-4.936	0.000
G1SEX	-0.058	0.171	-0.339	0.735
G1AGEYRC	0.132	0.173	0.762	0.446
I1S	0.050	0.177	0.284	0.776
I2S	-0.183	0.153	-1.193	0.233
I3S	0.095	0.104	0.920	0.358
I4	0.250	0.162	1.543	0.123
I5	-0.104	0.180	-0.580	0.562
I6	-0.148	0.169	-0.874	0.382

C3RAD5C ON

PRS_ALC	0.171	0.118	1.451	0.147
PDADV	0.070	0.115	0.602	0.547
C1PARENT	-0.071	0.114	-0.620	0.536
ZRECORTAC	-0.725	0.112	-6.452	0.000
G1SEX	0.638	0.101	6.315	0.000
G1AGEYRC	0.052	0.114	0.461	0.645
I1A	0.115	0.126	0.911	0.362
I2A	-0.187	0.122	-1.534	0.125

I3A	-0.103	0.160	-0.643	0.520
I4	-0.027	0.109	-0.251	0.802
I5	0.164	0.235	0.698	0.485
I6	0.332	0.209	1.592	0.111

C3RAD13C ON

PRS_CAN	-0.105	0.146	-0.718	0.473
PDADV	-0.308	0.152	-2.027	0.043
C1PARENT	-0.330	0.109	-3.018	0.003
ZRECORTAC	-0.492	0.122	-4.030	0.000
G1SEX	0.622	0.137	4.522	0.000
G1AGEYRC	-0.075	0.144	-0.523	0.601
I1C	0.154	0.158	0.976	0.329
I2C	-0.232	0.137	-1.699	0.089
I3C	0.229	0.153	1.499	0.134
I4	-0.248	0.126	-1.964	0.049
I5	0.130	0.185	0.702	0.483
I6	-0.105	0.168	-0.628	0.530

C3RAD3#1 ON

PRS_SMK	-0.254	0.034	-7.415	0.000
PDADV	-0.046	0.032	-1.425	0.154
C1PARENT	0.066	0.035	1.856	0.063
ZRECORTAC	0.409	0.065	6.303	0.000
G1SEX	0.014	0.035	0.411	0.681
G1AGEYRC	-0.019	0.032	-0.592	0.554
I1S	-0.004	0.034	-0.103	0.918
I2S	0.018	0.037	0.496	0.620
I3S	0.132	0.052	2.514	0.012
I4	-0.010	0.033	-0.293	0.770
I5	-0.184	0.106	-1.735	0.083
I6	-0.181	0.133	-1.368	0.171

C3RAD5C#1 ON

PRS_ALC	-0.131	0.037	-3.509	0.000
PDADV	-0.066	0.035	-1.891	0.059
C1PARENT	-0.018	0.035	-0.519	0.604
ZRECORTAC	0.191	0.057	3.329	0.001
G1SEX	-0.044	0.036	-1.210	0.226
G1AGEYRC	-0.017	0.033	-0.523	0.601
I1A	-0.001	0.037	-0.034	0.973
I2A	-0.021	0.039	-0.534	0.593
I3A	-0.001	0.060	-0.018	0.986
I4	-0.027	0.036	-0.769	0.442
I5	-0.240	0.077	-3.125	0.002
I6	-0.127	0.075	-1.696	0.090

C3RAD13C#1 ON

PRS_CAN	-0.131	0.039	-3.373	0.001
PDADV	-0.119	0.038	-3.122	0.002
C1PARENT	0.024	0.041	0.590	0.555
ZRECORTAC	0.397	0.062	6.419	0.000
G1SEX	-0.284	0.040	-7.135	0.000

G1AGEYRC	-0.066	0.037	-1.770	0.077
I1C	0.012	0.037	0.310	0.756
I2C	0.048	0.036	1.336	0.182
I3C	-0.068	0.070	-0.961	0.336
I4	-0.051	0.038	-1.336	0.181
I5	-0.170	0.089	-1.900	0.057
I6	-0.202	0.109	-1.858	0.063

PRS_SMK WITH

PRS_ALC	0.237	0.025	9.318	0.000
PRS_CAN	0.174	0.026	6.614	0.000

PRS_ALC WITH

PRS_CAN	0.171	0.025	6.796	0.000
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I1S WITH

I1A	0.255	0.045	5.682	0.000
I1C	0.136	0.040	3.385	0.001

I1A WITH

I1C	0.148	0.042	3.489	0.000
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I2S WITH

I2A	0.272	0.076	3.569	0.000
I2C	0.295	0.076	3.872	0.000

I2A WITH

I2C	0.256	0.052	4.921	0.000
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I3S WITH

I3A	0.163	0.128	1.278	0.201
I3C	0.023	0.140	0.161	0.872

I3A WITH

I3C	0.256	0.067	3.793	0.000
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G1SEX WITH

C1PARENT	-0.127	0.021	-6.113	0.000
ZRECORTAC	0.197	0.036	5.492	0.000

Means

PRS_SMK	0.000	0.027	-0.004	0.997
PRS_ALC	-0.002	0.027	-0.079	0.937
PRS_CAN	0.000	0.027	-0.018	0.986
PDADV	0.000	0.022	-0.020	0.984
C1PARENT	0.000	0.021	-0.015	0.988
ZRECORTAC	0.011	0.039	0.284	0.776
G1SEX	0.000	0.021	0.000	1.000
G1AGEYRC	0.000	0.021	0.000	1.000
I1S	0.117	0.027	4.348	0.000
I2S	-0.071	0.027	-2.646	0.008
I3S	-0.037	0.041	-0.901	0.368
I1A	0.049	0.028	1.771	0.077

I2A	0.011	0.027	0.390	0.696
I3A	0.041	0.041	1.002	0.316
I1C	0.030	0.027	1.107	0.268
I2C	0.010	0.027	0.351	0.726
I3C	-0.015	0.043	-0.341	0.733
I4	-0.036	0.022	-1.670	0.095
I5	0.029	0.041	0.716	0.474
I6	-0.028	0.040	-0.706	0.480

Intercepts

C3RAD3#1	0.383	0.035	10.842	0.000
C3RAD3	14.254	2.792	5.105	0.000
C3RAD5C#1	-0.689	0.035	-19.915	0.000
C3RAD5C	6.298	1.017	6.193	0.000
C3RAD13C#1	1.050	0.041	25.343	0.000
C3RAD13C	1.966	0.471	4.179	0.000

Variances

PRS_SMK	1.000	0.000	999.000	999.000
PRS_ALC	1.000	0.000	999.000	999.000
PRS_CAN	1.000	0.000	999.000	999.000
PDADV	1.000	0.000	999.000	999.000
C1PARENT	1.000	0.000	999.000	999.000
ZRECORTAC	1.000	0.000	999.000	999.000
G1SEX	1.000	0.000	999.000	999.000
G1AGEYRC	1.000	0.000	999.000	999.000
I1S	1.000	0.000	999.000	999.000
I2S	1.000	0.000	999.000	999.000
I3S	1.000	0.000	999.000	999.000
I1A	1.000	0.000	999.000	999.000
I2A	1.000	0.000	999.000	999.000
I3A	1.000	0.000	999.000	999.000
I1C	1.000	0.000	999.000	999.000
I2C	1.000	0.000	999.000	999.000
I3C	1.000	0.000	999.000	999.000
I4	1.000	0.000	999.000	999.000
I5	1.000	0.000	999.000	999.000
I6	1.000	0.000	999.000	999.000

Dispersion

C3RAD3	999.000	999.000	999.000	999.000
C3RAD5C	999.000	999.000	999.000	999.000
C3RAD13C	999.000	999.000	999.000	999.000

STD Standardization

Two-Tailed				
	Estimate	S.E.	Est./S.E.	P-Value
C3RAD3 ON				
PRS_SMK	0.052	0.019	2.697	0.007
PDADV	0.030	0.017	1.722	0.085

C1PARENT	-0.011	0.021	-0.517	0.605
ZRECORTAC	-0.069	0.021	-3.218	0.001
G1SEX	-0.006	0.018	-0.339	0.734
G1AGEYRC	0.014	0.018	0.759	0.448
I1S	0.005	0.019	0.285	0.776
I2S	-0.018	0.015	-1.189	0.235
I3S	0.009	0.010	0.893	0.372
I4	0.026	0.018	1.494	0.135
I5	-0.010	0.018	-0.585	0.559
I6	-0.017	0.020	-0.858	0.391

C3RAD5C ON

PRS_ALC	0.038	0.026	1.441	0.150
PDADV	0.015	0.026	0.601	0.548
C1PARENT	-0.016	0.025	-0.627	0.531
ZRECORTAC	-0.155	0.038	-4.049	0.000
G1SEX	0.142	0.026	5.362	0.000
G1AGEYRC	0.012	0.025	0.462	0.644
I1A	0.026	0.029	0.910	0.363
I2A	-0.042	0.028	-1.466	0.143
I3A	-0.021	0.034	-0.632	0.528
I4	-0.006	0.025	-0.251	0.801
I5	0.035	0.051	0.690	0.490
I6	0.083	0.053	1.565	0.118

C3RAD13C ON

PRS_CAN	-0.061	0.085	-0.711	0.477
PDADV	-0.176	0.086	-2.043	0.041
C1PARENT	-0.188	0.065	-2.908	0.004
ZRECORTAC	-0.271	0.084	-3.217	0.001
G1SEX	0.354	0.088	4.024	0.000
G1AGEYRC	-0.043	0.082	-0.521	0.602
I1C	0.093	0.099	0.945	0.345
I2C	-0.130	0.077	-1.690	0.091
I3C	0.134	0.095	1.410	0.158
I4	-0.144	0.076	-1.908	0.056
I5	0.071	0.104	0.685	0.493
I6	-0.068	0.110	-0.612	0.541

C3RAD3#1 ON

PRS_SMK	-0.567	0.082	-6.956	0.000
PDADV	-0.102	0.072	-1.417	0.157
C1PARENT	0.145	0.077	1.880	0.060
ZRECORTAC	0.873	0.173	5.035	0.000
G1SEX	0.032	0.077	0.412	0.681
G1AGEYRC	-0.042	0.071	-0.593	0.553
I1S	-0.008	0.080	-0.103	0.918
I2S	0.038	0.076	0.498	0.619
I3S	0.268	0.112	2.399	0.016
I4	-0.022	0.075	-0.293	0.770
I5	-0.391	0.228	-1.713	0.087
I6	-0.450	0.317	-1.422	0.155

C3RAD5C#1 ON

PRS_ALC	-0.254	0.073	-3.456	0.001
PDADV	-0.129	0.068	-1.879	0.060
C1PARENT	-0.035	0.067	-0.519	0.604
ZRECORTAC	0.358	0.108	3.309	0.001
G1SEX	-0.086	0.071	-1.207	0.227
G1AGEYRC	-0.034	0.065	-0.523	0.601
I1A	-0.002	0.073	-0.034	0.973
I2A	-0.041	0.077	-0.535	0.593
I3A	-0.002	0.108	-0.018	0.986
I4	-0.055	0.071	-0.768	0.442
I5	-0.450	0.135	-3.340	0.001
I6	-0.277	0.159	-1.741	0.082

C3RAD13C#1 ON

PRS_CAN	-0.291	0.087	-3.338	0.001
PDADV	-0.261	0.086	-3.046	0.002
C1PARENT	0.052	0.089	0.592	0.554
ZRECORTAC	0.836	0.160	5.224	0.000
G1SEX	-0.622	0.096	-6.455	0.000
G1AGEYRC	-0.145	0.082	-1.762	0.078
I1C	0.027	0.086	0.310	0.757
I2C	0.103	0.078	1.317	0.188
I3C	-0.152	0.152	-1.000	0.317
I4	-0.113	0.085	-1.334	0.182
I5	-0.358	0.187	-1.909	0.056
I6	-0.496	0.260	-1.904	0.057

PRS_SMK WITH

PRS_ALC	0.237	0.028	8.506	0.000
PRS_CAN	0.169	0.027	6.238	0.000

PRS_ALC WITH

PRS_CAN	0.169	0.026	6.519	0.000
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I1S WITH

I1A	0.238	0.046	5.144	0.000
I1C	0.123	0.037	3.323	0.001

I1A WITH

I1C	0.136	0.041	3.347	0.001
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I2S WITH

I2A	0.292	0.092	3.161	0.002
I2C	0.324	0.112	2.900	0.004

I2A WITH

I2C	0.261	0.068	3.861	0.000
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I3S WITH

I3A	0.191	0.153	1.251	0.211
I3C	0.024	0.146	0.163	0.871

I3A	WITH				
I3C		0.268	0.090	2.985	0.003

G1SEX	WITH				
C1PARENT		-0.127	0.021	-6.012	0.000
ZRECORTAC		0.204	0.038	5.395	0.000

Means					
PRS_SMK		0.000	0.027	-0.004	0.997
PRS_ALC		-0.002	0.027	-0.079	0.937
PRS_CAN		0.000	0.027	-0.018	0.986
PDADV		0.000	0.022	-0.020	0.984
C1PARENT		0.000	0.021	-0.015	0.988
ZRECORTAC		0.011	0.040	0.283	0.777
G1SEX		0.000	0.021	0.000	1.000
G1AGEYRC		0.000	0.021	0.000	1.000
I1S		0.112	0.026	4.246	0.000
I2S		-0.076	0.029	-2.601	0.009
I3S		-0.040	0.046	-0.883	0.377
I1A		0.048	0.027	1.771	0.077
I2A		0.011	0.027	0.390	0.697
I3A		0.044	0.045	0.981	0.327
I1C		0.029	0.026	1.101	0.271
I2C		0.010	0.028	0.351	0.726
I3C		-0.014	0.042	-0.338	0.736
I4		-0.036	0.021	-1.667	0.096
I5		0.030	0.042	0.716	0.474
I6		-0.025	0.036	-0.698	0.485

Intercepts					
C3RAD3#1		0.846	0.086	9.843	0.000
C3RAD3		1.467	0.024	62.294	0.000
C3RAD5C#1		-1.340	0.075	-17.982	0.000
C3RAD5C		1.400	0.030	45.969	0.000
C3RAD13C#1		2.295	0.119	19.242	0.000
C3RAD13C		1.120	0.140	8.002	0.000

Variances					
PRS_SMK		0.981	0.037	26.530	0.000
PRS_ALC		1.018	0.039	25.886	0.000
PRS_CAN		0.964	0.037	25.945	0.000
PDADV		0.999	0.028	35.289	0.000
C1PARENT		1.000	0.043	23.191	0.000
ZRECORTAC		1.074	0.113	9.538	0.000
G1SEX		0.999	0.001	1169.961	0.000
G1AGEYRC		1.000	0.026	38.128	0.000
I1S		0.913	0.062	14.800	0.000
I2S		1.156	0.163	7.094	0.000
I3S		1.178	0.246	4.789	0.000
I1A		0.951	0.065	14.523	0.000
I2A		0.995	0.106	9.350	0.000
I3A		1.165	0.224	5.204	0.000
I1C		0.888	0.059	15.128	0.000

I2C	1.044	0.115	9.063	0.000
I3C	0.944	0.175	5.401	0.000
I4	0.958	0.061	15.747	0.000
I5	1.075	0.208	5.166	0.000
I6	0.793	0.122	6.498	0.000

Dispersion

C3RAD3	0.000	999.000	999.000	999.000
C3RAD5C	0.000	999.000	999.000	999.000
C3RAD13C	0.000	999.000	999.000	999.000

R-SQUARE

Observed Variable	Estimate	Two-Tailed		
		S.E.	Est./S.E.	P-Value
C3RAD3#1	0.326	0.053	6.135	0.000
C3RAD3	1.000	999.000	999.000	999.000
C3RAD5C#	0.132	0.037	3.542	0.000
C3RAD5C	1.000	999.000	999.000	999.000
C3RAD13C	0.311	0.053	5.815	0.000
C3RAD13C	1.000	999.000	999.000	999.000

QUALITY OF NUMERICAL RESULTS

Condition Number for the Information Matrix -0.272E-03
(ratio of smallest to largest eigenvalue)

Beginning Time: 11:01:12

Ending Time: 11:50:31

Elapsed Time: 00:49:19

MUTHEN & MUTHEN

3463 Stoner Ave.

Los Angeles, CA 90066

Tel: (310) 391-9971

Fax: (310) 391-8971

Web: www.StatModel.com

Support: Support@StatModel.com

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