

Mplus VERSION 7.11 (Mac)  
MUTHEN & MUTHEN  
12/06/2016 6:36 PM

INPUT INSTRUCTIONS

TITLE:

m3, b1, free recall, PEK average, LGM, aehplus Conditional, female

DATA:

File = /Users/andreazammit/Desktop/EASMaster.csv;

VARIABLE:

Names are

SubjectID Sex Ethnic Caus DemEver Bagesq deathage DEM023  
Educyrs Status  
Wave\_1 Wave\_2 Wave\_3 Wave\_4 Wave\_5 Wave\_6 Wave\_7 Wave\_8  
Wave\_9 Wave\_10  
AgeAtWaveOne AgeAtWave\_2 AgeAtWave\_3 AgeAtWave\_4  
AgeAtWave\_5 AgeAtWave\_6  
AgeAtWave\_7  
AgeAtWave\_8 AgeAtWave\_9 AgeAtWave\_10  
YrsSinceBaseline\_1 YrsSinceBaseline\_2 YrsSinceBaseline\_3  
YrsSinceBaseline\_4  
YrsSinceBaseline\_5 YrsSinceBaseline\_6 YrsSinceBaseline\_7  
YrsSinceBaseline\_8  
YrsSinceBaseline\_9 YrsSinceBaseline\_10  
Blessd\_1 Blessd\_2 Blessd\_3 Blessd\_4 Blessd\_5 Blessd\_6  
Blessd\_7  
Blessd\_8 Blessd\_9 Blessd\_10  
MMS\_1 MMS\_2 MMS\_3 MMS\_4 MMS\_5 MMS\_6 MMS\_7 MMS\_8 MMS\_9  
MMS\_10  
GDSScore\_1 GDSScore\_2 GDSScore\_3 GDSScore\_4 GDSScore\_5  
GDSScore\_6 GDSScore\_7  
GDSScore\_8 GDSScore\_9 GDSScore\_10  
FreeRecall\_1 FreeRecall\_2 FreeRecall\_3 FreeRecall\_4  
FreeRecall\_5  
FreeRecall\_6 FreeRecall\_7 FreeRecall\_8 FreeRecall\_9  
FreeRecall\_10  
TotRecall\_1 TotRecall\_2 TotRecall\_3 TotRecall\_4  
TotRecall\_5 TotRecall\_6  
TotRecall\_7  
TotRecall\_8 TotRecall\_9 TotRecall\_10  
DelFreeRecall\_1 DelFreeRecall\_2 DelFreeRecall\_3  
DelFreeRecall\_4 DelFreeRecall\_5  
DelFreeRecall\_6 DelFreeRecall\_7 DelFreeRecall\_8  
DelFreeRecall\_9 DelFreeRecall\_10  
DelTotRecall\_1 DelTotRecall\_2 DelTotRecall\_3  
DelTotRecall\_4 DelTotRecall\_5  
DelTotRecall\_6 DelTotRecall\_7 DelTotRecall\_8

DelTotRecall\_9 DelTotRecall\_10  
BostonFree\_1 BostonFree\_2 BostonFree\_3 BostonFree\_4  
BostonFree\_5  
BostonFree\_6 BostonFree\_7 BostonFree\_8 BostonFree\_9  
BostonFree\_10  
Infraw\_1 Infraw\_2 Infraw\_3 Infraw\_4 Infraw\_5 Infraw\_6  
Infraw\_7  
Infraw\_8 Infraw\_9 Infraw\_10  
Vocraw\_1 Vocraw\_2 Vocraw\_3 Vocraw\_4 Vocraw\_5 Vocraw\_6  
Vocraw\_7  
Vocraw\_8 Vocraw\_9 Vocraw\_10  
Spnraw\_1 Spnraw\_2 Spnraw\_3 Spnraw\_4 Spnraw\_5 Spnraw\_6  
Spnraw\_7  
Spnraw\_8 Spnraw\_9 Spnraw\_10  
DSpnAgeScaledScore\_1 DSpnAgeScaledScore\_2  
DSpnAgeScaledScore\_3  
DSpnAgeScaledScore\_4 DSpnAgeScaledScore\_5  
DSpnAgeScaledScore\_6  
DSpnAgeScaledScore\_7 DSpnAgeScaledScore\_8  
DSpnAgeScaledScore\_9  
DSpnAgeScaledScore\_10  
Symraw\_1 Symraw\_2 Symraw\_3 Symraw\_4 Symraw\_5 Symraw\_6  
Symraw\_7 Symraw\_8 Symraw\_9 Symraw\_10  
Blockraw\_1 Blockraw\_2 Blockraw\_3 Blockraw\_4 Blockraw\_5  
Blockraw\_6  
Blockraw\_7 Blockraw\_8 Blockraw\_9 Blockraw\_10  
FAS\_1 FAS\_2 FAS\_3 FAS\_4 FAS\_5 FAS\_6 FAS\_7 FAS\_8 FAS\_9  
FAS\_10  
CAT\_1 CAT\_2 CAT\_3 CAT\_4  
CAT\_5 CAT\_6 CAT\_7 CAT\_8 CAT\_9 CAT\_10  
Grade\_1 Grade\_2 Grade\_3 Grade\_4 Grade\_5 Grade\_6 Grade\_7  
Grade\_8 Grade\_9 Grade\_10  
LM\_1 LM\_2 LM\_3 LM\_4 LM\_5 LM\_6 LM\_7 LM\_8 LM\_9 LM\_10  
CFCopy\_1 CFCopy\_2 CFCopy\_3 CFCopy\_4 CFCopy\_5 CFCopy\_6  
CFCopy\_7  
CFCopy\_8 CFCopy\_9 CFCopy\_10  
CFRecall\_1 CFRecall\_2 CFRecall\_3 CFRecall\_4 CFRecall\_5  
CFRecall\_6 CFRecall\_7  
CFRecall\_8 CFRecall\_9 CFRecall\_10  
TrA1\_1 TrA1\_2 TrA1\_3 TrA1\_4 TrA1\_5 TrA1\_6 TrA1\_7 TrA1\_8  
TrA1\_9 TrA1\_10  
TrlAZScore\_1 TrlAZScore\_2 TrlAZScore\_3 TrlAZScore\_4  
TrlAZScore\_5  
TrlAZScore\_6 TrlAZScore\_7 TrlAZScore\_8 TrlAZScore\_9  
TrlAZScore\_10  
TMTARate\_1 TMTARate\_2 TMTARate\_3 TMTARate\_4 TMTARate\_5  
TMTARate\_6 TMTARate\_7  
TMTARate\_8 TMTARate\_9 TMTARate\_10  
TrA2\_1 TrA2\_2 TrA2\_3 TrA2\_4 TrA2\_5 TrA2\_6 TrA2\_7 TrA2\_8  
TrA2\_9 TrA2\_10

TrB1\_1 TrB1\_2 TrB1\_3 TrB1\_4 TrB1\_5 TrB1\_6 TrB1\_7 TrB1\_8  
TrB1\_9 TrB1\_10  
TrlBZScore\_1 TrlBZScore\_2 TrlBZScore\_3 TrlBZScore\_4  
TrlBZScore\_5  
TrlBZScore\_6 TrlBZScore\_7 TrlBZScore\_8 TrlBZScore\_9  
TrlBZScore\_10  
TMTBRate\_1 TMTBRate\_2 TMTBRate\_3 TMTBRate\_4 TMTBRate\_5  
TMTBRate\_6 TMTBRate\_7  
TMTBRate\_8 TMTBRate\_9 TMTBRate\_10  
TrB2\_1 TrB2\_2 TrB2\_3 TrB2\_4 TrB2\_5 TrB2\_6  
TrB2\_7 TrB2\_8 TrB2\_9 TrB2\_10  
EpisodicMemory2FreeCatLM\_1 EpisodicMemory2FreeCatLM\_2  
EpisodicMemory2FreeCatLM\_3  
EpisodicMemory2FreeCatLM\_4 EpisodicMemory2FreeCatLM\_5  
EpisodicMemory2FreeCatLM\_6 EpisodicMemory2FreeCatLM\_7  
EpisodicMemory2FreeCatLM\_8 EpisodicMemory2FreeCatLM\_9  
EpisodicMemory2FreeCatLM\_10  
FrontalExecFunc\_1 FrontalExecFunc\_2 FrontalExecFunc\_3  
FrontalExecFunc\_4  
FrontalExecFunc\_5 FrontalExecFunc\_6 FrontalExecFunc\_7  
FrontalExecFunc\_8  
FrontalExecFunc\_9 FrontalExecFunc\_10  
Language2BostVoc\_1 Language2BostVoc\_2  
Language2BostVoc\_3 Language2BostVoc\_4 Language2BostVoc\_5  
Language2BostVoc\_6 Language2BostVoc\_7 Language2BostVoc\_8  
Language2BostVoc\_9 Language2BostVoc\_10  
DysExec\_1 DysExec\_2 DysExec\_3 DysExec\_4 DysExec\_5  
DysExec\_6 DysExec\_7  
DysExec\_8 DysExec\_9 DysExec\_10  
aMCI1\_1 aMCI1\_2 aMCI1\_3 aMCI1\_4 aMCI1\_5 aMCI1\_6 aMCI1\_7  
aMCI1\_8 aMCI1\_9 aMCI1\_10  
naMCI1\_1 naMCI1\_2 naMCI1\_3 naMCI1\_4 naMCI1\_5 naMCI1\_6  
naMCI1\_7  
naMCI1\_8 naMCI1\_9 naMCI1\_10  
CumulMI\_1 CumulMI\_2 CumulMI\_3 CumulMI\_4  
CumulMI\_5 CumulMI\_6 CumulMI\_7 CumulMI\_8 CumulMI\_9  
CumulMI\_10  
CumulStroke\_1 CumulStroke\_2 CumulStroke\_3 CumulStroke\_4  
CumulStroke\_5  
CumulStroke\_6 CumulStroke\_7 CumulStroke\_8 CumulStroke\_9  
CumulStroke\_10  
CumulDiab\_1 CumulDiab\_2 CumulDiab\_3 CumulDiab\_4  
CumulDiab\_5 CumulDiab\_6  
CumulDiab\_7 CumulDiab\_8 CumulDiab\_9 CumulDiab\_10  
DMever  
CumulHyper\_1 CumulHyper\_2 CumulHyper\_3 CumulHyper\_4  
CumulHyper\_5  
CumulHyper\_6 CumulHyper\_7 CumulHyper\_8 CumulHyper\_9  
CumulHyper\_10  
CumulAngina\_1 CumulAngina\_2 CumulAngina\_3 CumulAngina\_4

CumulAngina\_5  
    CumulAngina\_6 CumulAngina\_7 CumulAngina\_8 CumulAngina\_9  
CumulAngina\_10  
    CumulHrtFail\_1 CumulHrtFail\_2 CumulHrtFail\_3  
CumulHrtFail\_4 CumulHrtFail\_5  
    CumulHrtFail\_6 CumulHrtFail\_7 CumulHrtFail\_8  
CumulHrtFail\_9 CumulHrtFail\_10  
    CumulPD\_1 CumulPD\_2 CumulPD\_3 CumulPD\_4 CumulPD\_5  
CumulPD\_6 CumulPD\_7  
    CumulPD\_8 CumulPD\_9 CumulPD\_10  
    CumulDep\_1 CumulDep\_2 CumulDep\_3 CumulDep\_4  
    CumulDep\_5 CumulDep\_6 CumulDep\_7 CumulDep\_8 CumulDep\_9  
CumulDep\_10  
    CumulAnemia\_1 CumulAnemia\_2 CumulAnemia\_3 CumulAnemia\_4  
CumulAnemia\_5  
    CumulAnemia\_6 CumulAnemia\_7 CumulAnemia\_8 CumulAnemia\_9  
CumulAnemia\_10  
    CVIndexArWave\_1 CVIndexArWave\_2 CVIndexArWave\_3  
CVIndexArWave\_4 CVIndexArWave\_5  
    CVIndexArWave\_6 CVIndexArWave\_7 CVIndexArWave\_8  
CVIndexArWave\_9 CVIndexArWave\_10  
    CVIndexCumul\_1 CVIndexCumul\_2 CVIndexCumul\_3  
CVIndexCumul\_4 CVIndexCumul\_5  
    CVIndexCumul\_6 CVIndexCumul\_7 CVIndexCumul\_8  
CVIndexCumul\_9 CVIndexCumul\_10  
    BloodPres1stSys\_1 BloodPres1stSys\_2 BloodPres1stSys\_3  
BloodPres1stSys\_4  
    BloodPres1stSys\_5 BloodPres1stSys\_6 BloodPres1stSys\_7  
BloodPres1stSys\_8  
    BloodPres1stSys\_9 BloodPres1stSys\_10  
    BloodPres1stDia\_1 BloodPres1stDia\_2 BloodPres1stDia\_3  
BloodPres1stDia\_4  
    BloodPres1stDia\_5 BloodPres1stDia\_6 BloodPres1stDia\_7  
BloodPres1stDia\_8  
    BloodPres1stDia\_9 BloodPres1stDia\_10  
    Ht\_1 Ht\_2 Ht\_3 Ht\_4 Ht\_5 Ht\_6 Ht\_7 Ht\_8 Ht\_9 Ht\_10  
    Wt\_1 Wt\_2 Wt\_3 Wt\_4 Wt\_5 Wt\_6 Wt\_7 Wt\_8 Wt\_9 Wt\_10  
    BMI\_1 BMI\_2 BMI\_3 BMI\_4 BMI\_5 BMI\_6 BMI\_7 BMI\_8 BMI\_9  
BMI\_10  
    Waist\_1 Waist\_2 Waist\_3 Waist\_4 Waist\_5 Waist\_6 Waist\_7  
Waist\_8 Waist\_9 Waist\_10  
    Hip\_1 Hip\_2 Hip\_3 Hip\_4 Hip\_5 Hip\_6 Hip\_7 Hip\_8 Hip\_9  
Hip\_10  
    Velocity\_1 Velocity\_2 Velocity\_3 Velocity\_4 Velocity\_5  
Velocity\_6 Velocity\_7  
    Velocity\_8 Velocity\_9 Velocity\_10  
    ChairRaiseTime\_1 ChairRaiseTime\_2 ChairRaiseTime\_3  
ChairRaiseTime\_4  
    ChairRaiseTime\_5 ChairRaiseTime\_6 ChairRaiseTime\_7  
ChairRaiseTime\_8

ChairRaiseTime\_9 ChairRaiseTime\_10  
FlamingoStandTime\_1 FlamingoStandTime\_2  
FlamingoStandTime\_3 FlamingoStandTime\_4  
FlamingoStandTime\_5 FlamingoStandTime\_6  
FlamingoStandTime\_7 FlamingoStandTime\_8  
FlamingoStandTime\_9 FlamingoStandTime\_10  
MaxEff\_1 MaxEff\_2 MaxEff\_3 MaxEff\_4 MaxEff\_5 MaxEff\_6  
MaxEff\_7  
MaxEff\_8 MaxEff\_9 MaxEff\_10  
PeakFlowBestOf3\_1 PeakFlowBestOf3\_2 PeakFlowBestOf3\_3  
PeakFlowBestOf3\_4  
PeakFlowBestOf3\_5 PeakFlowBestOf3\_6 PeakFlowBestOf3\_7  
PeakFlowBestOf3\_8  
PeakFlowBestOf3\_9 PeakFlowBestOf3\_10  
UPDRS15\_1 UPDRS15\_2 UPDRS15\_3 UPDRS15\_4 UPDRS15\_5  
UPDRS15\_6 UPDRS15\_7  
UPDRS15\_8 UPDRS15\_9 UPDRS15\_10  
UPDRS27\_1 UPDRS27\_2 UPDRS27\_3 UPDRS27\_4 UPDRS27\_5  
UPDRS27\_6 UPDRS27\_7  
UPDRS27\_8 UPDRS27\_9 UPDRS27\_10  
UPDRS28\_1 UPDRS28\_2 UPDRS28\_3 UPDRS28\_4  
UPDRS28\_5 UPDRS28\_6 UPDRS28\_7 UPDRS28\_8 UPDRS28\_9  
UPDRS28\_10  
UPDRS29\_1 UPDRS29\_2 UPDRS29\_3 UPDRS29\_4 UPDRS29\_5  
UPDRS29\_6 UPDRS29\_7  
UPDRS29\_8 UPDRS29\_9 UPDRS29\_10  
EMail\_1 EMail\_2 EMail\_3 EMail\_4 EMail\_5 EMail\_6 EMail\_7  
EMail\_8 EMail\_9 EMail\_10  
Aerobic\_1 Aerobic\_2 Aerobic\_3 Aerobic\_4 Aerobic\_5  
Aerobic\_6 Aerobic\_7  
Aerobic\_8 Aerobic\_9 Aerobic\_10  
HrsFor2WeekLight\_1 HrsFor2WeekLight\_2 HrsFor2WeekLight\_3  
HrsFor2WeekLight\_4  
HrsFor2WeekLight\_5 HrsFor2WeekLight\_6 HrsFor2WeekLight\_7  
HrsFor2WeekLight\_8  
HrsFor2WeekLight\_9 HrsFor2WeekLight\_10  
HrsFor2WeekMedium\_1 HrsFor2WeekMedium\_2  
HrsFor2WeekMedium\_3 HrsFor2WeekMedium\_4  
HrsFor2WeekMedium\_5 HrsFor2WeekMedium\_6  
HrsFor2WeekMedium\_7 HrsFor2WeekMedium\_8  
HrsFor2WeekMedium\_9 HrsFor2WeekMedium\_10  
HrsFor2WeekHeavy\_1 HrsFor2WeekHeavy\_2 HrsFor2WeekHeavy\_3  
HrsFor2WeekHeavy\_4  
HrsFor2WeekHeavy\_5 HrsFor2WeekHeavy\_6 HrsFor2WeekHeavy\_7  
HrsFor2WeekHeavy\_8  
HrsFor2WeekHeavy\_9 HrsFor2WeekHeavy\_10  
DaysPerWeekLight\_1 DaysPerWeekLight\_2 DaysPerWeekLight\_3  
DaysPerWeekLight\_4  
DaysPerWeekLight\_5 DaysPerWeekLight\_6 DaysPerWeekLight\_7  
DaysPerWeekLight\_8

```

                DaysPerWeekLight_9 DaysPerWeekLight_10
                DaysPerWeekMedium_1 DaysPerWeekMedium_2
DaysPerWeekMedium_3 DaysPerWeekMedium_4
                DaysPerWeekMedium_5
                DaysPerWeekMedium_6 DaysPerWeekMedium_7
DaysPerWeekMedium_8 DaysPerWeekMedium_9
                DaysPerWeekMedium_10
                DaysPerWeekHeavy_1 DaysPerWeekHeavy_2 DaysPerWeekHeavy_3
DaysPerWeekHeavy_4
                DaysPerWeekHeavy_5 DaysPerWeekHeavy_6 DaysPerWeekHeavy_7
DaysPerWeekHeavy_8
                DaysPerWeekHeavy_9 DaysPerWeekHeavy_10
                CigsPerDay_1 CigsPerDay_2 CigsPerDay_3
                CigsPerDay_4 CigsPerDay_5 CigsPerDay_6 CigsPerDay_7
CigsPerDay_8
                CigsPerDay_9 CigsPerDay_10
                SmokNow_1 SmokNow_2 SmokNow_3 SmokNow_4
                SmokNow_5 SmokNow_6 SmokNow_7 SmokNow_8 SmokNow_9
SmokNow_10
                SmokEver_1 SmokEver_2 SmokEver_3 SmokEver_4 SmokEver_5
SmokEver_6 SmokEver_7
                SmokEver_8 SmokEver_9 SmokEver_10
                SmokNumYrs_1 SmokNumYrs_2 SmokNumYrs_3 SmokNumYrs_4
SmokNumYrs_5
                SmokNumYrs_6 SmokNumYrs_7 SmokNumYrs_8 SmokNumYrs_9
SmokNumYrs_10
                DrinksPerMonth_1 DrinksPerMonth_2 DrinksPerMonth_3
DrinksPerMonth_4
                DrinksPerMonth_5 DrinksPerMonth_6 DrinksPerMonth_7
DrinksPerMonth_8
                DrinksPerMonth_9 DrinksPerMonth_10
                Glucose_1 Glucose_2 Glucose_3 Glucose_4 Glucose_5
Glucose_6 Glucose_7
                Glucose_8 Glucose_9 Glucose_10
                chronicpi1 chronicpi2 chronicpi3 chronicpi4 chronicpi5
chronicpi6 chronicpi7
                chronicpi8 chronicpi9 chronicpi10
                Pdever
                Cvd cisum pekavg_1 pekavg_2 pekavg_3 pekavg_4 pekavg_5;
MISSING = ALL(-9999);
                USEVAR are time1 time2 time3 time4 time5 !time6 time7
                        p1 p2 p3 p4 p5 !p6 p7
                        c1 c2 c3 c4 c5 !c6 c7
                        Bage educ height Diab SmokHist Cardio;
                TSCORES = time1 time2 time3 time4 time5; !time6
time7;
                USEOBSERVATIONS are DemEver EQ 0 and sex EQ 1;
DEFINE:
                p1=pekavg_1; p2=pekavg_2; p3=pekavg_3;
                p4=pekavg_4; p5=pekavg_5;

```

```

c1= FreeRecall_1; c2= FreeRecall_2; c3= FreeRecall_3; c4=
FreeRecall_4; c5= FreeRecall_5
!c6= FreeRecall_6; c7= FreeRecall_7;
    Bage=AgeAtWaveOne-70;
    Bagesq=(AgeatWaveOne-70)**2;
    Dage=deathage;
    Educ=Educyrs-7;
    SEP=DEM023;
    time1=wave_1;
    time2=wave_2;
    time3=wave_3;
    time4=wave_4;
    time5=wave_5;
    time6=wave_6;
    time7=wave_7;
    time8=wave_8;
    time9=wave_9;
    time10=wave_10;
    Height=Ht_1-160;
    SmokHist=SmokEver_1;
    DepSymp = GDSScore_1;
    Cardio = cvd;
    Diab=DMever;
    AgeAtWave_1Educyrs=Bage*Educ;

```

ANALYSIS:

```

TYPE = RANDOM;
    ESTIMATOR=MLF;
    miterations=20000;
    h1convergence = 0.00001;
    COVERAGE = .001;

```

OUTPUT:

sampstat

MODEL:

```

ip sp | p1-p5 AT time1-time5;
ic sc | c1 - c5 AT time1-time5;
    ip(v_ip);
sp(v_sp);
ic(v_ic);
sc(v_sc);
ip WITH sp(c_ipsp);
ip WITH ic(c_ipic);
ip WITH sc (c_ipsc);
sp WITH ic (c_spic);
sp WITH sc (c_spsc);
ic WITH SC (C_ICSC);
ip sp ic sc WITH ip sp ic sc;
ip sp ic sc ON Bage educ height smokhist cardio diab;
c1-c5 (res_c)
p1-p5 (res_p);
p1-p5 pwith c1-c5(res_cov);

```

height;

MODEL CONSTRAINT:

NEW r\_ipic; !assigns labels to new parameters;  
NEW r\_spsc;  
NEW r\_res\_pc;

$r\_ipic = c\_ipic / ((v\_ip^{**0.5}) * (v\_ic^{**0.5}));$   
 $r\_spsc = c\_spsc / ((v\_sp^{**0.5}) * (v\_sc^{**0.5}));$   
 $r\_res\_pc = res\_cov / ((res\_p^{**0.5}) * (res\_c^{**0.5}));$

SAVEDATA:

FILE IS EAS\_P\_FreeRecall\_Slopes\_f\_pekavg; ! \*rename for each  
specific variable combina  
SAVE = FSCORES;

PLOT: TYPE IS PLOT3;

OUTPUT: sampstat Cinterval;

\*\*\* WARNING

Input line exceeded 90 characters. Some input may be truncated.

c1= FreeRecall\_1; c2= FreeRecall\_2; c3= FreeRecall\_3; c4=  
FreeRecall\_4; c5= FreeRecall\_5;

\*\*\* WARNING

Input line exceeded 90 characters. Some input may be truncated.

FILE IS EAS\_P\_FreeRecall\_Slopes\_f\_pekavg; ! \*rename for each  
specific variable combinat

\*\*\* WARNING

Data set contains cases with missing on x-variables.

These cases were not included in the analysis.

Number of cases with missing on x-variables: 237

\*\*\* WARNING

Data set contains cases with missing on time scores but non-missing  
on the

corresponding dependent variables. These cases were not included in  
the analysis.

Number of such cases: 225

4 WARNING(S) FOUND IN THE INPUT INSTRUCTIONS

m3, b1, free recall, PEK average, LGM, aehplus Conditional, female



SUMMARY OF ANALYSIS

Number of groups 1  
Number of observations 138  
Number of dependent variables 10  
Number of independent variables 6  
Number of continuous latent variables 4

Observed dependent variables

Continuous

P1 P2 P3 P4 P5 C1  
C2 C3 C4 C5

Observed independent variables

BAGE EDUC HEIGHT DIAB SMOKHIST CARDIO

Continuous latent variables

IP SP IC SC

Variables with special functions

Time scores

TIME1 TIME2 TIME3 TIME4 TIME5

Estimator MLF  
Information matrix OBSERVED  
Maximum number of iterations 100  
Convergence criterion 0.100D-05  
Maximum number of EM iterations 20000  
Convergence criteria for the EM algorithm  
Loglikelihood change 0.100D-02  
Relative loglikelihood change 0.100D-05  
Derivative 0.100D-03  
Minimum variance 0.100D-03  
Maximum number of steepest descent iterations 20  
Maximum number of iterations for H1 2000  
Convergence criterion for H1 0.100D-04  
Optimization algorithm EMA

Input data file(s)

/Users/andreazammit/Desktop/EASMaster.csv

Input data format FREE

SUMMARY OF DATA

Number of missing data patterns

COVARIANCE COVERAGE OF DATA

Minimum covariance coverage value 0.001

PROPORTION OF DATA PRESENT

P5	Covariance Coverage			
	P1	P2	P3	P4
P1	0.457			
P2	0.377	0.435		
P3	0.391	0.384	0.529	
P4	0.362	0.370	0.428	0.601
P5	0.457	0.435	0.529	0.601
1.000				
C1	0.457	0.435	0.529	0.601
1.000				
C2	0.457	0.435	0.529	0.601
0.993				
C3	0.449	0.428	0.514	0.587
0.986				
C4	0.457	0.435	0.522	0.572
0.957				
C5	0.449	0.428	0.522	0.601
0.949				
HEIGHT	0.457	0.377	0.391	0.362
0.457				
BAGE	0.457	0.435	0.529	0.601
1.000				
EDUC	0.457	0.435	0.529	0.601
1.000				
DIAB	0.457	0.435	0.529	0.601
1.000				
SMOKHIST	0.457	0.435	0.529	0.601
1.000				
CARDIO	0.457	0.435	0.529	0.601
1.000				

C5	Covariance Coverage			
	C1	C2	C3	C4

C1	1.000			
C2	0.993	0.993		
C3	0.986	0.978	0.986	
C4	0.957	0.949	0.949	0.957
C5	0.949	0.949	0.935	0.913
0.949				
HEIGHT	0.457	0.457	0.449	0.457
0.449				
BAGE	1.000	0.993	0.986	0.957
0.949				
EDUC	1.000	0.993	0.986	0.957
0.949				
DIAB	1.000	0.993	0.986	0.957
0.949				
SMOKHIST	1.000	0.993	0.986	0.957
0.949				
CARDIO	1.000	0.993	0.986	0.957
0.949				

	Covariance	Coverage		
	HEIGHT	BAGE	EDUC	DIAB
SMOKHIST				
HEIGHT	0.457			
BAGE	0.457	1.000		
EDUC	0.457	1.000	1.000	
DIAB	0.457	1.000	1.000	1.000
SMOKHIST	0.457	1.000	1.000	1.000
1.000				
CARDIO	0.457	1.000	1.000	1.000
1.000				

	Covariance	Coverage
	CARDIO	
CARDIO	1.000	

SAMPLE STATISTICS

ESTIMATED SAMPLE STATISTICS

	Means			
	P1	P2	P3	P4
P5				

<u>1</u>	<u>281.133</u>	<u>249.872</u>	<u>225.878</u>	<u>216.567</u>
9630.993				

Means  
C1 C2 C3 C4  
C5

<u>1</u>	<u>33.536</u>	<u>33.786</u>	<u>33.352</u>	<u>34.179</u>
33.406				

Means  
HEIGHT BAGE EDUC DIAB  
SMOKHIST

<u>1</u>	<u>-3.413</u>	<u>8.053</u>	<u>6.681</u>	<u>0.188</u>
0.572				

Means  
CARDIO  
1

<u>0.196</u>
--------------

Covariances  
P1 P2 P3 P4  
P5

<u>P1</u>	<u>4711.918</u>			
P2	2845.797	<u>6354.854</u>		
P3	2762.160	4459.255	<u>4425.499</u>	
P4	2382.413	3802.272	3865.836	<u>4812.398</u>
P5	-14414.291	-2750.544	-3823.140	-17530.614
725106.370				
<u>C1</u>	<u>66.076</u>	<u>99.342</u>	<u>92.709</u>	<u>42.681</u>
132.337				
<u>C2</u>	<u>-2.921</u>	<u>129.213</u>	<u>100.008</u>	<u>49.696</u>
710.553				
<u>C3</u>	<u>15.721</u>	<u>90.546</u>	<u>82.562</u>	<u>39.773</u>
647.339				
<u>C4</u>	<u>7.506</u>	<u>112.530</u>	<u>84.727</u>	<u>62.590</u>
237.346				
<u>C5</u>	<u>-6.033</u>	<u>107.251</u>	<u>67.782</u>	<u>26.901</u>

835.940				
HEIGHT	61.923	91.459	177.446	242.670
1038.824				
BAGE	-84.402	-86.251	-98.789	-117.584
109.782				
EDUC	-21.948	25.794	-8.605	-3.934
554.679				
DIAB	-3.208	-3.285	-4.600	-1.456
-5.310				
SMOKHIST	-6.415	0.246	1.550	0.409
88.642				
CARDIO	-6.314	-4.773	-7.456	-4.649
-39.426				

	Covariances			
	C1	C2	C3	C4
C5				
	<hr/>	<hr/>	<hr/>	<hr/>
C1	22.147			
C2	11.586	27.464		
C3	14.464	17.024	29.850	
C4	14.077	18.905	20.275	26.329
C5	14.909	18.283	19.628	18.793
31.928				
HEIGHT	-2.474	1.468	-0.319	-3.293
-3.025				
BAGE	-2.973	-5.186	-10.310	-8.261
-7.050				
EDUC	0.490	2.870	3.466	4.169
1.435				
DIAB	-0.260	-0.195	-0.208	-0.242
-0.352				
SMOKHIST	-0.061	-0.207	-0.183	-0.302
0.052				
CARDIO	0.004	-0.016	0.141	0.120
0.036				

	Covariances			
	HEIGHT	BAGE	EDUC	DIAB
SMOKHIST				
	<hr/>	<hr/>	<hr/>	<hr/>
HEIGHT	70.682			
BAGE	-17.898	27.987		
EDUC	0.450	-1.024	10.464	
DIAB	0.378	-0.317	0.082	0.153
SMOKHIST	-0.266	-0.041	-0.115	0.001

0.766				
CARDIO	-1.130	-0.061	-0.220	0.014
0.033				

Covariances  
CARDIO

CARDIO	<u>0.302</u>
--------	--------------

Correlations

	P1	P2	P3	P4
P5	<u>1.000</u>	<u>0.520</u>	<u>0.605</u>	<u>0.500</u>
P1	1.000			
P2	0.520	1.000		
P3	0.605	0.841	1.000	
P4	0.500	0.688	0.838	1.000
P5	-0.247	-0.041	-0.067	-0.297
1.000				
C1	0.205	0.265	0.296	0.131
0.033				
C2	-0.008	0.309	0.287	0.137
0.159				
C3	0.042	0.208	0.227	0.105
0.139				
C4	0.021	0.275	0.248	0.176
0.054				
C5	-0.016	0.238	0.180	0.069
0.174				
HEIGHT	0.107	0.136	0.317	0.416
0.145				
BAGE	-0.232	-0.205	-0.281	-0.320
0.024				
EDUC	-0.099	0.100	-0.040	-0.018
0.201				
DIAB	-0.120	-0.105	-0.177	-0.054
-0.016				
SMOKHIST	-0.107	0.004	0.027	0.007
0.119				
CARDIO	-0.167	-0.109	-0.204	-0.122
-0.084				

Correlations

	C1	C2	C3	C4
C5	<u>0.205</u>	<u>0.265</u>	<u>0.296</u>	<u>0.131</u>

C1	1.000			
C2	0.470	1.000		
C3	0.563	0.595	1.000	
C4	0.583	0.703	0.723	1.000
C5	0.561	0.617	0.636	0.648
1.000				
HEIGHT	-0.063	0.033	-0.007	-0.076
-0.064				
BAGE	-0.119	-0.187	-0.357	-0.304
-0.236				
EDUC	0.032	0.169	0.196	0.251
0.079				
DIAB	-0.142	-0.095	-0.097	-0.121
-0.159				
SMOKHIST	-0.015	-0.045	-0.038	-0.067
0.010				
CARDIO	0.001	-0.006	0.047	0.043
0.012				

	Correlations			
	HEIGHT	BAGE	EDUC	DIAB
SMOKHIST				
	-----	-----	-----	-----
HEIGHT	1.000			
BAGE	-0.402	1.000		
EDUC	0.017	-0.060	1.000	
DIAB	0.115	-0.153	0.065	1.000
SMOKHIST	-0.036	-0.009	-0.040	0.002
1.000				
CARDIO	-0.245	-0.021	-0.124	0.064
0.068				

	Correlations
	CARDIO
CARDIO	-----
	1.000

MAXIMUM LOG-LIKELIHOOD VALUE FOR THE UNRESTRICTED (H1) MODEL IS -5785.837

THE MODEL ESTIMATION DID NOT TERMINATE NORMALLY DUE TO AN ILL-CONDITIONED FISHER INFORMATION MATRIX. CHANGE YOUR MODEL AND/OR STARTING VALUES.

THE MODEL ESTIMATION DID NOT TERMINATE NORMALLY DUE TO A NON-  
 POSITIVE DEFINITE FISHER INFORMATION MATRIX. THIS MAY BE DUE TO THE  
 STARTING VALUES BUT MAY ALSO BE AN INDICATION OF MODEL NONIDENTIFICATION. THE  
 CONDITION NUMBER IS 0.171D-10.

THE STANDARD ERRORS OF THE MODEL PARAMETER ESTIMATES COULD NOT BE  
 COMPUTED. THIS IS OFTEN DUE TO THE STARTING VALUES BUT MAY ALSO  
 BE AN INDICATION OF MODEL NONIDENTIFICATION. CHANGE YOUR MODEL AND/  
 OR STARTING VALUES. PROBLEM INVOLVING PARAMETER 39.

MODEL RESULTS

		Estimate
IP	ON	
	BAGE	-59.487
	EDUC	122.423
	HEIGHT	-14.673
	SMOKHIST	194.718
	CARDIO	-320.052
	DIAB	299.023
SP	ON	
	BAGE	14.276
	EDUC	-20.257
	HEIGHT	3.974
	SMOKHIST	-57.192
	CARDIO	76.872
	DIAB	46.156
IC	ON	
	BAGE	-0.145
	EDUC	0.141
	HEIGHT	-0.039
	SMOKHIST	-0.247
	CARDIO	0.122
	DIAB	-1.555
SC	ON	
	BAGE	-0.051



EDUC		0.028
HEIGHT		-0.029
SMOKHIST		0.001
CARDIO		0.054
DIAB		-0.242
IP	WITH	
SP		*****
IC		45.902
SC		1.262
SP	WITH	
IC		-20.232
SC		-1.675
IC	WITH	
SC		0.394
P1	WITH	
C1		-613.630
P2	WITH	
C2		-613.630
P3	WITH	
C3		-613.630
P4	WITH	
C4		-613.630
P5	WITH	
C5		-613.630
Means		
HEIGHT		-1.665
Intercepts		
P1		0.000
P2		0.000
P3		0.000
P4		0.000
P5		0.000
C1		0.000
C2		0.000
C3		0.000
C4		0.000
C5		0.000
IP		-5246.702
SP		2408.947
IC		34.181

SC 0.227

Variances

HEIGHT 69.296

Residual Variances

P1 \*\*\*\*\*  
P2 \*\*\*\*\*  
P3 \*\*\*\*\*  
P4 \*\*\*\*\*  
P5 \*\*\*\*\*  
C1 10.498  
C2 10.498  
C3 10.498  
C4 10.498  
C5 10.498  
IP 48974.586  
SP 3523.381  
IC 10.224  
SC 0.037

New/Additional Parameters

R\_IPIC 0.065  
R\_SPSC -0.147  
R\_RES\_PC -0.066

MODEL COMMAND WITH FINAL ESTIMATES USED AS STARTING VALUES

```
ip sp | p1-p5 AT time1-time5;  
ic sc | c1-c5 AT time1-time5;  
  
ip ON bage*-59.48661;  
ip ON educ*122.42342;  
ip ON height*-14.67323;  
ip ON smokhist*194.71825;  
ip ON cardio*-320.05185;  
ip ON diab*299.02274;  
sp ON bage*14.27583;  
sp ON educ*-20.25690;  
sp ON height*3.97406;  
sp ON smokhist*-57.19223;  
sp ON cardio*76.87199;  
sp ON diab*46.15627;  
ic ON bage*-0.14519;  
ic ON educ*0.14083;  
ic ON height*-0.03917;  
ic ON smokhist*-0.24678;  
ic ON cardio*0.12205;  
ic ON diab*-1.55486;
```

sc ON bage\*-0.05099;  
sc ON educ\*0.02822;  
sc ON height\*-0.02882;  
sc ON smokhist\*0.00076;  
sc ON cardio\*0.05359;  
sc ON diab\*-0.24230;

p1 WITH c1\*-613.63013 (res\_cov);  
p2 WITH c2\*-613.63013 (res\_cov);  
p3 WITH c3\*-613.63013 (res\_cov);  
p4 WITH c4\*-613.63013 (res\_cov);  
p5 WITH c5\*-613.63013 (res\_cov);  
ip WITH sp\*-11971.77832 (c\_ipsp);  
ip WITH ic\*45.90235 (c\_ipic);  
ip WITH sc\*1.26201 (c\_ipsc);  
sp WITH ic\*-20.23213 (c\_spic);  
sp WITH sc\*-1.67546 (c\_spsc);  
ic WITH sc\*0.39408 (c\_icsc);

[ p1@0 ];  
[ p2@0 ];  
[ p3@0 ];  
[ p4@0 ];  
[ p5@0 ];  
[ c1@0 ];  
[ c2@0 ];  
[ c3@0 ];  
[ c4@0 ];  
[ c5@0 ];  
[ height\*-1.66478 ];  
[ ip\*-5246.70166 ];  
[ sp\*2408.94727 ];  
[ ic\*34.18077 ];  
[ sc\*0.22720 ];

p1\*8222515 (res\_p);  
p2\*8222515 (res\_p);  
p3\*8222515 (res\_p);  
p4\*8222515 (res\_p);  
p5\*8222515 (res\_p);  
c1\*10.49847 (res\_c);  
c2\*10.49847 (res\_c);  
c3\*10.49847 (res\_c);  
c4\*10.49847 (res\_c);  
c5\*10.49847 (res\_c);  
height\*69.29564;  
ip\*48974.58594 (v\_ip);  
sp\*3523.38110 (v\_sp);  
ic\*10.22421 (v\_ic);  
sc\*0.03674 (v\_sc);

```
! NEW statements in MODEL CONSTRAINT
NEW(r_ipic*0.06487);
NEW(r_spsc*-0.14726);
NEW(r_res_pc*-0.06605);
```

TECHNICAL 1 OUTPUT

PARAMETER SPECIFICATION

	NU	P1	P2	P3	P4
P5					
		_____	_____	_____	_____
	1	0	0	0	0
	0				

	NU	C1	C2	C3	C4
C5					
		_____	_____	_____	_____
	1	0	0	0	0
	0				

	NU	HEIGHT	BAGE	EDUC	DIAB
SMOKHIST					
		_____	_____	_____	_____
	1	0	0	0	0
	0				

	NU	CARDIO
1		_____
		0

LAMBDA	IP	SP	IC	SC
--------	----	----	----	----

HEIGHT

	<hr/>	<hr/>	<hr/>	<hr/>
P1	0	0	0	0
0				
P2	0	0	0	0
0				
P3	0	0	0	0
0				
P4	0	0	0	0
0				
P5	0	0	0	0
0				
C1	0	0	0	0
0				
C2	0	0	0	0
0				
C3	0	0	0	0
0				
C4	0	0	0	0
0				
C5	0	0	0	0
0				
HEIGHT	0	0	0	0
0				
BAGE	0	0	0	0
0				
EDUC	0	0	0	0
0				
DIAB	0	0	0	0
0				
SMOKHIST	0	0	0	0
0				
CARDIO	0	0	0	0
0				

	LAMBDA BAGE	EDUC	DIAB	SMOKHIST
CARDIO	<hr/>	<hr/>	<hr/>	<hr/>
P1	0	0	0	0
0				
P2	0	0	0	0
0				
P3	0	0	0	0
0				
P4	0	0	0	0
0				

P5	0	0	0	0
0				
C1	0	0	0	0
0				
C2	0	0	0	0
0				
C3	0	0	0	0
0				
C4	0	0	0	0
0				
C5	0	0	0	0
0				
HEIGHT	0	0	0	0
0				
BAGE	0	0	0	0
0				
EDUC	0	0	0	0
0				
DIAB	0	0	0	0
0				
SMOKHIST	0	0	0	0
0				
CARDIO	0	0	0	0
0				

	THETA P1	P2	P3	P4
P5				
<hr/>				
P1	1			
P2	0	1		
P3	0	0	1	
P4	0	0	0	1
P5	0	0	0	0
1				
C1	2	0	0	0
0				
C2	0	2	0	0
0				
C3	0	0	2	0
0				
C4	0	0	0	2
0				
C5	0	0	0	0
2				
HEIGHT	0	0	0	0
0				
BAGE	0	0	0	0

0	EDUC	0	0	0	0
0	DIAB	0	0	0	0
0	SMOKHIST	0	0	0	0
0	CARDIO	0	0	0	0

	THETA C1	C2	C3	C4
C5				
C1	3			
C2	0	3		
C3	0	0	3	
C4	0	0	0	3
C5	0	0	0	0
3				
HEIGHT	0	0	0	0
0				
BAGE	0	0	0	0
0				
EDUC	0	0	0	0
0				
DIAB	0	0	0	0
0				
SMOKHIST	0	0	0	0
0				
CARDIO	0	0	0	0
0				

	THETA HEIGHT	BAGE	EDUC	DIAB
SMOKHIST				
HEIGHT	0			
BAGE	0	0		
EDUC	0	0	0	
DIAB	0	0	0	0
SMOKHIST	0	0	0	0
0				
CARDIO	0	0	0	0
0				

	THETA CARDIO			
CARDIO	<u>0</u>			
		ALPHA IP	SP	IC
HEIGHT				SC
<u>1</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
8				

	ALPHA BAGE	EDUC	DIAB	SMOKHIST
CARDIO	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>1</u>				
0				

	BETA IP	SP	IC	SC
HEIGHT	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>IP</u>				
9				
SP				
15				
IC				
21				
SC				
27				
HEIGHT				
0				
BAGE				
0				
EDUC				
0				
DIAB				
0				
SMOKHIST				
0				
CARDIO				
0				



	BETA			
CARDIO	BAGE	EDUC	DIAB	SMOKHIST
	_____	_____	_____	_____
IP	10	11	12	13
14				
SP	16	17	18	19
20				
IC	22	23	24	25
26				
SC	28	29	30	31
32				
HEIGHT	0	0	0	0
0				
BAGE	0	0	0	0
0				
EDUC	0	0	0	0
0				
DIAB	0	0	0	0
0				
SMOKHIST	0	0	0	0
0				
CARDIO	0	0	0	0
0				

	PSI			
HEIGHT	IP	SP	IC	SC
	_____	_____	_____	_____
IP	33			
SP	34	35		
IC	36	37	38	
SC	39	40	41	42
HEIGHT	0	0	0	0
43				
BAGE	0	0	0	0
0				
EDUC	0	0	0	0
0				
DIAB	0	0	0	0
0				
SMOKHIST	0	0	0	0
0				
CARDIO	0	0	0	0
0				

	PSI			
CARDIO	BAGE	EDUC	DIAB	SMOKHIST
	_____	_____	_____	_____
BAGE	0			
EDUC	0	0		
DIAB	0	0	0	
SMOKHIST	0	0	0	0
CARDIO	0	0	0	0
0				

PARAMETER SPECIFICATION FOR THE ADDITIONAL PARAMETERS

	NEW/ADDITIONAL	PARAMETERS	
	R_IPIC	R_SPSC	R_RES_PC
	_____	_____	_____
1	44	45	46

STARTING VALUES

	NU			
P5	P1	P2	P3	P4
	_____	_____	_____	_____
1	0.000	0.000	0.000	0.000
0.000				

	NU			
C5	C1	C2	C3	C4
	_____	_____	_____	_____
1	0.000	0.000	0.000	0.000
0.000				

	NU			
SMOKHIST	HEIGHT	BAGE	EDUC	DIAB
	_____	_____	_____	_____

1	0.000	0.000	0.000	0.000
0.000				

NU  
CARDIO

1	<u>0.000</u>
---	--------------

HEIGHT	LAMBDA IP	SP	IC	SC
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
P1	0.000	0.000	0.000	0.000
0.000				
P2	0.000	0.000	0.000	0.000
0.000				
P3	0.000	0.000	0.000	0.000
0.000				
P4	0.000	0.000	0.000	0.000
0.000				
P5	0.000	0.000	0.000	0.000
0.000				
C1	0.000	0.000	0.000	0.000
0.000				
C2	0.000	0.000	0.000	0.000
0.000				
C3	0.000	0.000	0.000	0.000
0.000				
C4	0.000	0.000	0.000	0.000
0.000				
C5	0.000	0.000	0.000	0.000
0.000				
HEIGHT	0.000	0.000	0.000	0.000
1.000				
BAGE	0.000	0.000	0.000	0.000
0.000				
EDUC	0.000	0.000	0.000	0.000
0.000				
DIAB	0.000	0.000	0.000	0.000
0.000				
SMOKHIST	0.000	0.000	0.000	0.000
0.000				
CARDIO	0.000	0.000	0.000	0.000
0.000				

LAMBDA

CARDIO	BAGE	EDUC	DIAB	SMOKHIST
	<hr/>	<hr/>	<hr/>	<hr/>
P1	0.000	0.000	0.000	0.000
0.000				
P2	0.000	0.000	0.000	0.000
0.000				
P3	0.000	0.000	0.000	0.000
0.000				
P4	0.000	0.000	0.000	0.000
0.000				
P5	0.000	0.000	0.000	0.000
0.000				
C1	0.000	0.000	0.000	0.000
0.000				
C2	0.000	0.000	0.000	0.000
0.000				
C3	0.000	0.000	0.000	0.000
0.000				
C4	0.000	0.000	0.000	0.000
0.000				
C5	0.000	0.000	0.000	0.000
0.000				
HEIGHT	0.000	0.000	0.000	0.000
0.000				
BAGE	1.000	0.000	0.000	0.000
0.000				
EDUC	0.000	1.000	0.000	0.000
0.000				
DIAB	0.000	0.000	1.000	0.000
0.000				
SMOKHIST	0.000	0.000	0.000	1.000
0.000				
CARDIO	0.000	0.000	0.000	0.000
1.000				

	THETA			
P5	P1	P2	P3	P4
	<hr/>	<hr/>	<hr/>	<hr/>
P1	2353.997			
P2	0.000	3145.788		
P3	0.000	0.000	2461.226	
P4	0.000	0.000	0.000	2074.421
P5	0.000	0.000	0.000	0.000
365199.562				
C1	0.000	0.000	0.000	0.000

0.000				
C2	0.000	0.000	0.000	0.000
0.000				
C3	0.000	0.000	0.000	0.000
0.000				
C4	0.000	0.000	0.000	0.000
0.000				
C5	0.000	0.000	0.000	0.000
0.000				
HEIGHT	0.000	0.000	0.000	0.000
0.000				
BAGE	0.000	0.000	0.000	0.000
0.000				
EDUC	0.000	0.000	0.000	0.000
0.000				
DIAB	0.000	0.000	0.000	0.000
0.000				
SMOKHIST	0.000	0.000	0.000	0.000
0.000				
CARDIO	0.000	0.000	0.000	0.000
0.000				

	THETA			
	C1	C2	C3	C4
C5				
	<hr/>	<hr/>	<hr/>	<hr/>
C1	11.154			
C2	0.000	13.875		
C3	0.000	0.000	15.157	
C4	0.000	0.000	0.000	12.477
C5	0.000	0.000	0.000	0.000
15.684				
HEIGHT	0.000	0.000	0.000	0.000
0.000				
BAGE	0.000	0.000	0.000	0.000
0.000				
EDUC	0.000	0.000	0.000	0.000
0.000				
DIAB	0.000	0.000	0.000	0.000
0.000				
SMOKHIST	0.000	0.000	0.000	0.000
0.000				
CARDIO	0.000	0.000	0.000	0.000
0.000				

THETA				
HEIGHT	BAGE	EDUC	DIAB	

SMOKHIST

	<hr/>	<hr/>	<hr/>	<hr/>
HEIGHT	0.000			
BAGE	0.000	0.000		
EDUC	0.000	0.000	0.000	
DIAB	0.000	0.000	0.000	0.000
SMOKHIST	0.000	0.000	0.000	0.000
0.000				
CARDIO	0.000	0.000	0.000	0.000
0.000				

THETA  
CARDIO

CARDIO	<hr/>
	0.000

ALPHA  
IP                      SP                      IC                      SC

HEIGHT

	<hr/>	<hr/>	<hr/>	<hr/>
1	-4511.687	2345.327	33.692	-0.062
-1.889				

ALPHA  
BAGE                      EDUC                      DIAB                      SMOKHIST

CARDIO

	<hr/>	<hr/>	<hr/>	<hr/>
1	0.000	0.000	0.000	0.000
0.000				

BETA  
IP                      SP                      IC                      SC

HEIGHT

	<hr/>	<hr/>	<hr/>	<hr/>
IP	0.000	0.000	0.000	0.000
0.000				
SP	0.000	0.000	0.000	0.000
0.000				
IC	0.000	0.000	0.000	0.000
0.000				
SC	0.000	0.000	0.000	0.000
0.000				

HEIGHT	0.000	0.000	0.000	0.000
0.000				
BAGE	0.000	0.000	0.000	0.000
0.000				
EDUC	0.000	0.000	0.000	0.000
0.000				
DIAB	0.000	0.000	0.000	0.000
0.000				
SMOKHIST	0.000	0.000	0.000	0.000
0.000				
CARDIO	0.000	0.000	0.000	0.000
0.000				

	BETA			
CARDIO	BAGE	EDUC	DIAB	SMOKHIST
IP	0.000	0.000	0.000	0.000
0.000				
SP	0.000	0.000	0.000	0.000
0.000				
IC	0.000	0.000	0.000	0.000
0.000				
SC	0.000	0.000	0.000	0.000
0.000				
HEIGHT	0.000	0.000	0.000	0.000
0.000				
BAGE	0.000	0.000	0.000	0.000
0.000				
EDUC	0.000	0.000	0.000	0.000
0.000				
DIAB	0.000	0.000	0.000	0.000
0.000				
SMOKHIST	0.000	0.000	0.000	0.000
0.000				
CARDIO	0.000	0.000	0.000	0.000
0.000				

	PSI			
HEIGHT	IP	SP	IC	SC
IP	*****			
SP	0.000	635627.750		
IC	0.000	0.000	22.112	
SC	0.000	0.000	0.000	2.038

HEIGHT	0.000	0.000	0.000	0.000
34.905				
BAGE	0.000	0.000	0.000	0.000
0.000				
EDUC	0.000	0.000	0.000	0.000
0.000				
DIAB	0.000	0.000	0.000	0.000
0.000				
SMOKHIST	0.000	0.000	0.000	0.000
0.000				
CARDIO	0.000	0.000	0.000	0.000
0.000				

	PSI			
	BAGE	EDUC	DIAB	SMOKHIST
CARDIO				
	-----	-----	-----	-----
BAGE	14.096			
EDUC	0.000	5.270		
DIAB	0.000	0.000	0.077	
SMOKHIST	0.000	0.000	0.000	0.386
CARDIO	0.000	0.000	0.000	0.000
0.152				

STARTING VALUES FOR THE ADDITIONAL PARAMETERS

	NEW/ADDITIONAL PARAMETERS		
	R_IPIC	R_SPSC	R_RES_PC
	-----	-----	-----
1	0.500	0.500	0.500

SAVEDATA INFORMATION

Factor scores were not computed.  
No data were saved.

Beginning Time: 18:36:05  
Ending Time: 18:36:52  
Elapsed Time: 00:00:47

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