Mplus VERSION 8.9

MUTHEN & MUTHEN

05/10/2023 5:48 PM

INPUT INSTRUCTIONS

TITLE:

Exploratory analysis of FFT effectiveness during COVID-19

Outcome var chgyls

DATA:

file = "FFT.dat";

ngroups = 3;

VARIABLE:

names =

! Var # 1--7

agecoh ageter region age ! Admin var

compstat compbin trmtleng

! Var # 8--11

immi1 immi2 female country ! Demographic

! Var # 12--20

travel venu team ! Treament var

prior insti video refer foster psyhlth

! Var # 21--26

innhome innvio innsch innlaw inndrug innsum ! Admission (T0)

! Var # 27--35

innyls1 innyls2 innyls3 innyls4 innyls5

innyls6 innyls7 innyls8 innylss

! Var # 36--41

outhome outvio outsch outlaw outdrug outsum ! Discharge (T1)

! Var # 42--50

outyls1 outyls2 outyls3 outyls4 outyls5

outyls6 outyls7 outyls8 outylss

! Var # 51--56 ! Follow-ups

home6 vio6 sch6 law6 drug6 sum6 ! 6-month (T2)

! Var # 57--62

home12 vio12 sch12 law12 drug12 sum12 ! 12-month (T3)

! Var # 63--68

home18 vio18 sch18 law18 drug18 sum18 ! 18-month (T4)

! Var # 69--75

t0 t1 t2 t3 t4 chgsum chgyls ! Derived var

;

usevar =

chgyls

age female immi1 immi2

prior insti foster psyhlth

;

missing = all (-999);

grouping = agecoh (1 = before 2 = during 3 = after);

DATA IMPUTATION:

impute =

chgyls

age female immi1 immi2

prior insti foster psyhlth

;

ndatasets = 10;

save = fft\_2\_yls\_\*.dat;

ANALYSIS:

estimator = mlr;

MODEL:

chgyls on

age female immi1 immi2

prior insti foster psyhlth

;

OUTPUT:

stdyx;

INPUT READING TERMINATED NORMALLY

Exploratory analysis of FFT effectiveness during COVID-19

Outcome var chgyls

SUMMARY OF ANALYSIS

Number of groups 3

Average number of observations

Group BEFORE 147

Group DURING 159

Group AFTER 212

Total sample size 518

Number of replications

Requested 10

Completed 10

Number of dependent variables 1

Number of independent variables 8

Number of continuous latent variables 0

Observed dependent variables

Continuous

CHGYLS

Observed independent variables

AGE FEMALE IMMI1 IMMI2 PRIOR INSTI

FOSTER PSYHLTH

Variables with special functions

Grouping variable AGECOH

Variables used for imputation

Variables imputed as continuous

CHGYLS AGE FEMALE IMMI1 IMMI2 PRIOR

INSTI FOSTER PSYHLTH

Estimator MLR

Information matrix OBSERVED

Maximum number of iterations 1000

Convergence criterion 0.500D-04

Maximum number of steepest descent iterations 20

Maximum number of iterations for H1 2000

Convergence criterion for H1 0.100D-03

Specifications for Bayesian Estimation

Point estimate MEDIAN

Number of Markov chain Monte Carlo (MCMC) chains 2

Random seed for the first chain 0

Starting value information UNPERTURBED

Algorithm used for Markov chain Monte Carlo GIBBS(PX1)

Convergence criterion 0.500D-01

Maximum number of iterations 50000

K-th iteration used for thinning 1

Specifications for Data Imputation

Number of imputed data sets 10

H1 imputation model type COVARIANCE

Iteration intervals for thinning 100

Input data file(s)

FFT.dat

Input data format FREE

STANDARDIZED MODEL RESULTS

STDYX Standardization

Two-Tailed Rate of

Estimate S.E. Est./S.E. P-Value Missing

Group BEFORE

CHGYLS ON

AGE 0.166 0.070 2.363 0.018 0.000

FEMALE 0.051 0.077 0.657 0.511 0.000

IMMI1 0.087 0.097 0.895 0.371 0.000

IMMI2 0.041 0.084 0.493 0.622 0.000

PRIOR 0.125 0.096 1.300 0.193 0.000

INSTI 0.087 0.087 0.998 0.318 0.000

FOSTER -0.158 0.057 -2.766 0.006 0.000

PSYHLTH -0.031 0.083 -0.377 0.706 0.000

Intercepts

CHGYLS -0.015 0.518 -0.030 0.976 0.000

Residual Variances

CHGYLS 0.924 0.045 20.557 0.000 0.000

Group DURING

CHGYLS ON

AGE 0.158 0.062 2.551 0.011 0.000

FEMALE -0.187 0.077 -2.416 0.016 0.000

IMMI1 -0.024 0.071 -0.340 0.734 0.000

IMMI2 -0.018 0.070 -0.254 0.800 0.000

PRIOR 0.123 0.078 1.573 0.116 0.000

INSTI 0.081 0.074 1.106 0.269 0.000

FOSTER -0.014 0.050 -0.283 0.777 0.000

PSYHLTH 0.163 0.078 2.076 0.038 0.000

Intercepts

CHGYLS 0.176 0.492 0.357 0.721 0.000

Residual Variances

CHGYLS 0.890 0.048 18.715 0.000 0.000

Group AFTER

CHGYLS ON

AGE -0.077 0.063 -1.217 0.223 0.000

FEMALE -0.001 0.066 -0.021 0.984 0.000

IMMI1 0.092 0.063 1.462 0.144 0.000

IMMI2 -0.148 0.044 -3.339 0.001 0.000

PRIOR 0.178 0.075 2.353 0.019 0.000

INSTI -0.049 0.080 -0.609 0.543 0.000

FOSTER -0.164 0.058 -2.812 0.005 0.000

PSYHLTH 0.060 0.066 0.922 0.357 0.000

Intercepts

CHGYLS 2.040 0.501 4.076 0.000 0.000

Residual Variances

CHGYLS 0.910 0.034 26.744 0.000 0.000

R-SQUARE

Group BEFORE

Observed Two-Tailed Rate of

Variable Estimate S.E. Est./S.E. P-Value Missing

CHGYLS 0.076 0.045 1.684 0.092 0.000

Group DURING

Observed Two-Tailed Rate of

Variable Estimate S.E. Est./S.E. P-Value Missing

CHGYLS 0.110 0.048 2.316 0.021 0.000

Group AFTER

Observed Two-Tailed Rate of

Variable Estimate S.E. Est./S.E. P-Value Missing

CHGYLS 0.090 0.034 2.636 0.008 0.000

Beginning Time: 17:48:13

Ending Time: 17:48:23

Elapsed Time: 00:00:10

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