Mplus VERSION 8.9

MUTHEN & MUTHEN

04/27/2023 3:33 PM

INPUT INSTRUCTIONS

TITLE:

Exploratory analysis of FFT effectiveness during COVID-19

Descriptive statistics

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--74

t0 t1 t2 t3 t4 chgyls

;

usevar =

innsum outsum sum6 sum12 sum18

innylss outylss

age female immi1 immi2

prior insti foster psyhlth chgyls

;

missing = all (-999);

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

DATA IMPUTATION:

impute =

innsum outsum sum6 sum12 sum18

innylss outylss

age female immi1 immi2

prior insti foster psyhlth chgyls

;

ndatasets = 10;

save = fft\_0\_desc\_\*.dat;

ANALYSIS:

type = basic;

OUTPUT:

sampstat;

INPUT READING TERMINATED NORMALLY

Exploratory analysis of FFT effectiveness during COVID-19

Descriptive statistics

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 16

Number of independent variables 0

Number of continuous latent variables 0

Observed dependent variables

Continuous

INNSUM OUTSUM SUM6 SUM12 SUM18 INNYLSS

OUTYLSS AGE FEMALE IMMI1 IMMI2 PRIOR

INSTI FOSTER PSYHLTH CHGYLS

Variables with special functions

Grouping variable AGECOH

Variables used for imputation

Variables imputed as continuous

INNSUM OUTSUM SUM6 SUM12 SUM18 INNYLSS

OUTYLSS AGE FEMALE IMMI1 IMMI2 PRIOR

INSTI FOSTER PSYHLTH CHGYLS

Estimator ML

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

UNIVARIATE SAMPLE STATISTICS

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS FOR BEFORE

Variable/ Mean/ Skewness/ Minimum/ % with Percentiles

Sample Size Variance Kurtosis Maximum Min/Max 20%/60% 40%/80% Median

INNSUM 4.034 -1.239 0.000 0.68% 3.000 4.000 4.000

147.000 1.053 1.567 5.000 38.10% 4.000 5.000

OUTSUM 4.776 -3.376 1.000 0.68% 5.000 5.000 5.000

147.000 0.365 13.293 5.000 84.35% 5.000 5.000

SUM6 3.629 -1.087 0.000 24.29% 0.000 5.000 5.000

140.000 4.391 -0.702 5.000 62.14% 5.000 5.000

SUM12 4.802 -3.014 2.000 1.04% 5.000 5.000 5.000

96.000 0.242 10.885 5.000 83.33% 5.000 5.000

SUM18 4.756 -2.588 2.000 1.11% 5.000 5.000 5.000

90.000 0.340 6.550 5.000 82.22% 5.000 5.000

INNYLSS 11.803 0.635 0.000 0.68% 8.000 10.000 11.000

147.000 30.567 0.764 29.000 1.36% 12.000 16.000

OUTYLSS 5.912 1.295 0.000 7.48% 2.000 4.000 5.000

147.000 22.026 2.009 24.000 0.68% 6.000 9.000

AGE 14.027 -0.888 7.000 1.36% 12.000 14.000 14.000

147.000 4.163 0.853 18.000 0.68% 15.000 16.000

FEMALE 0.463 0.150 0.000 53.74% 0.000 0.000 0.000

147.000 0.249 -1.977 1.000 46.26% 1.000 1.000

IMMI1 0.102 2.629 0.000 89.80% 0.000 0.000 0.000

147.000 0.092 4.914 1.000 10.20% 0.000 0.000

IMMI2 0.088 2.899 0.000 91.16% 0.000 0.000 0.000

147.000 0.081 6.405 1.000 8.84% 0.000 0.000

PRIOR 0.109 2.512 0.000 89.12% 0.000 0.000 0.000

147.000 0.097 4.310 1.000 10.88% 0.000 0.000

INSTI 0.109 2.512 0.000 89.12% 0.000 0.000 0.000

147.000 0.097 4.310 1.000 10.88% 0.000 0.000

FOSTER 0.061 3.660 0.000 93.88% 0.000 0.000 0.000

147.000 0.057 11.399 1.000 6.12% 0.000 0.000

PSYHLTH 0.565 -0.261 0.000 43.54% 0.000 0.000 1.000

147.000 0.246 -1.932 1.000 56.46% 1.000 1.000

CHGYLS 5.891 0.931 -7.000 0.68% 2.000 4.000 5.000

147.000 23.512 1.523 25.000 0.68% 6.000 9.000

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS FOR DURING

Variable/ Mean/ Skewness/ Minimum/ % with Percentiles

Sample Size Variance Kurtosis Maximum Min/Max 20%/60% 40%/80% Median

INNSUM 4.157 -0.954 1.000 1.26% 3.000 4.000 4.000

159.000 0.925 0.249 5.000 47.17% 5.000 5.000

OUTSUM 4.836 -4.284 1.000 0.63% 5.000 5.000 5.000

159.000 0.237 24.706 5.000 86.79% 5.000 5.000

SUM6 3.335 -0.775 0.000 29.75% 0.000 4.000 5.000

158.000 4.919 -1.300 5.000 55.70% 5.000 5.000

SUM12 4.804 -2.463 3.000 3.74% 5.000 5.000 5.000

107.000 0.233 5.281 5.000 84.11% 5.000 5.000

SUM18 4.718 -2.237 2.000 0.91% 4.000 5.000 5.000

110.000 0.366 4.578 5.000 79.09% 5.000 5.000

INNYLSS 11.069 0.426 1.000 1.89% 6.000 10.000 11.000

159.000 27.171 0.080 27.000 0.63% 12.000 15.000

OUTYLSS 5.138 1.572 0.000 5.03% 2.000 3.000 4.000

159.000 15.931 4.129 26.000 0.63% 5.000 8.000

AGE 14.503 -0.901 6.000 0.63% 13.000 14.000 15.000

159.000 3.596 1.942 18.000 1.26% 15.000 16.000

FEMALE 0.491 0.038 0.000 50.94% 0.000 0.000 0.000

159.000 0.250 -1.999 1.000 49.06% 1.000 1.000

IMMI1 0.113 2.442 0.000 88.68% 0.000 0.000 0.000

159.000 0.100 3.961 1.000 11.32% 0.000 0.000

IMMI2 0.164 1.820 0.000 83.65% 0.000 0.000 0.000

159.000 0.137 1.311 1.000 16.35% 0.000 0.000

PRIOR 0.113 2.442 0.000 88.68% 0.000 0.000 0.000

159.000 0.100 3.961 1.000 11.32% 0.000 0.000

INSTI 0.138 2.095 0.000 86.16% 0.000 0.000 0.000

159.000 0.119 2.388 1.000 13.84% 0.000 0.000

FOSTER 0.075 3.214 0.000 92.45% 0.000 0.000 0.000

159.000 0.070 8.332 1.000 7.55% 0.000 0.000

PSYHLTH 0.572 -0.292 0.000 42.77% 0.000 0.000 1.000

159.000 0.245 -1.915 1.000 57.23% 1.000 1.000

CHGYLS 5.931 0.106 -12.000 0.63% 2.000 4.000 5.000

159.000 16.794 1.812 19.000 0.63% 7.000 10.000

UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS FOR AFTER

Variable/ Mean/ Skewness/ Minimum/ % with Percentiles

Sample Size Variance Kurtosis Maximum Min/Max 20%/60% 40%/80% Median

INNSUM 4.118 -0.995 1.000 0.94% 3.000 4.000 4.000

212.000 0.821 0.670 5.000 39.15% 4.000 5.000

OUTSUM 4.717 -2.571 2.000 2.36% 4.000 5.000 5.000

212.000 0.410 6.591 5.000 79.72% 5.000 5.000

SUM6 3.457 -0.899 0.000 24.76% 0.000 4.000 5.000

210.000 4.420 -1.006 5.000 55.71% 5.000 5.000

SUM12 4.561 -2.627 0.000 0.81% 4.000 5.000 5.000

123.000 0.750 8.030 5.000 71.54% 5.000 5.000

SUM18 4.610 -3.068 0.000 1.30% 4.000 5.000 5.000

77.000 0.679 11.868 5.000 74.03% 5.000 5.000

INNYLSS 12.104 0.210 1.000 0.47% 7.000 10.000 12.000

212.000 28.329 -0.088 29.000 0.47% 14.000 17.000

OUTYLSS 6.693 0.942 0.000 3.30% 3.000 5.000 6.000

212.000 20.420 0.975 25.000 0.47% 7.000 10.000

AGE 14.127 -0.338 9.000 0.94% 12.000 14.000 14.000

212.000 3.526 -0.475 18.000 1.42% 15.000 16.000

FEMALE 0.519 -0.076 0.000 48.11% 0.000 0.000 1.000

212.000 0.250 -1.994 1.000 51.89% 1.000 1.000

IMMI1 0.118 2.369 0.000 88.21% 0.000 0.000 0.000

212.000 0.104 3.614 1.000 11.79% 0.000 0.000

IMMI2 0.108 2.518 0.000 89.15% 0.000 0.000 0.000

212.000 0.097 4.339 1.000 10.85% 0.000 0.000

PRIOR 0.113 2.442 0.000 88.68% 0.000 0.000 0.000

212.000 0.100 3.961 1.000 11.32% 0.000 0.000

INSTI 0.123 2.301 0.000 87.74% 0.000 0.000 0.000

212.000 0.108 3.294 1.000 12.26% 0.000 0.000

FOSTER 0.075 3.214 0.000 92.45% 0.000 0.000 0.000

212.000 0.070 8.332 1.000 7.55% 0.000 0.000

PSYHLTH 0.623 -0.506 0.000 37.74% 0.000 1.000 1.000

212.000 0.235 -1.744 1.000 62.26% 1.000 1.000

CHGYLS 5.410 0.266 -2.000 1.42% 2.000 4.000 5.000

212.000 12.733 -0.307 16.000 0.47% 6.000 9.000

RESULTS FOR BASIC ANALYSIS

NOTE: These are average results over 10 data sets.

ESTIMATED SAMPLE STATISTICS FOR BEFORE

Correlations

INNSUM OUTSUM SUM6 SUM12 SUM18

\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

INNSUM 1.000

OUTSUM 0.342 1.000

SUM6 0.024 0.307 1.000

SUM12 0.226 0.435 0.357 1.000

SUM18 0.053 0.290 0.493 0.464 1.000

INNYLSS -0.729 -0.339 -0.024 -0.279 -0.106

OUTYLSS -0.444 -0.552 -0.353 -0.380 -0.297

AGE -0.251 -0.161 -0.021 -0.189 -0.134

FEMALE 0.022 0.119 0.100 -0.006 0.058

IMMI1 -0.077 -0.172 0.032 -0.036 0.002

IMMI2 0.083 0.036 -0.019 -0.021 0.137

PRIOR -0.139 0.021 0.013 -0.146 0.037

INSTI -0.288 -0.015 0.087 -0.076 0.043

FOSTER -0.147 -0.046 -0.184 -0.039 -0.306

PSYHLTH -0.171 -0.054 0.008 -0.175 -0.127

CHGYLS -0.401 0.147 0.315 0.050 0.167

Correlations

INNYLSS OUTYLSS AGE FEMALE IMMI1

\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

INNYLSS 1.000

OUTYLSS 0.560 1.000

AGE 0.255 0.153 1.000

FEMALE -0.034 -0.108 0.135 1.000

IMMI1 0.097 0.016 0.073 -0.087 1.000

IMMI2 -0.032 -0.050 -0.016 0.095 -0.105

PRIOR 0.238 0.183 -0.155 0.070 -0.118

INSTI 0.186 0.104 0.049 -0.018 0.099

FOSTER 0.112 0.259 0.094 0.048 -0.086

PSYHLTH 0.135 0.127 0.200 0.099 0.069

CHGYLS 0.598 -0.329 0.143 0.066 0.096

Correlations

IMMI2 PRIOR INSTI FOSTER PSYHLTH

\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

IMMI2 1.000

PRIOR -0.032 1.000

INSTI -0.032 0.229 1.000

FOSTER 0.120 0.093 0.093 1.000

PSYHLTH -0.113 0.087 0.131 -0.005 1.000

CHGYLS 0.012 0.093 0.111 -0.123 0.031

Correlations

CHGYLS

\_\_\_\_\_\_\_\_

CHGYLS 1.000

ESTIMATED SAMPLE STATISTICS FOR DURING

Correlations

INNSUM OUTSUM SUM6 SUM12 SUM18

\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

INNSUM 1.000

OUTSUM 0.176 1.000

SUM6 0.276 0.256 1.000

SUM12 0.302 0.232 0.277 1.000

SUM18 0.452 0.188 0.545 0.505 1.000

INNYLSS -0.498 -0.166 -0.094 -0.184 -0.252

OUTYLSS -0.366 -0.570 -0.264 -0.180 -0.325

AGE -0.171 0.001 -0.130 -0.143 -0.270

FEMALE 0.023 -0.110 -0.059 0.042 -0.045

IMMI1 -0.182 0.038 -0.162 0.057 -0.166

IMMI2 0.034 0.044 -0.014 -0.212 -0.154

PRIOR -0.203 -0.002 -0.109 -0.226 -0.153

INSTI -0.369 0.097 -0.086 -0.098 -0.223

FOSTER -0.022 0.047 -0.173 -0.204 -0.126

PSYHLTH -0.136 -0.029 0.051 -0.133 -0.082

CHGYLS -0.276 0.344 0.138 -0.058 -0.004

Correlations

INNYLSS OUTYLSS AGE FEMALE IMMI1

\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

INNYLSS 1.000

OUTYLSS 0.632 1.000

AGE 0.042 -0.110 1.000

FEMALE -0.131 -0.009 0.065 1.000

IMMI1 -0.031 -0.027 0.135 0.046 1.000

IMMI2 -0.130 -0.164 0.089 0.042 -0.158

PRIOR 0.281 0.182 0.010 -0.152 -0.128

INSTI 0.061 -0.005 0.115 0.153 0.259

FOSTER 0.014 0.008 0.012 0.005 0.123

PSYHLTH 0.297 0.224 0.055 0.162 -0.052

CHGYLS 0.656 -0.170 0.161 -0.158 -0.013

Correlations

IMMI2 PRIOR INSTI FOSTER PSYHLTH

\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

IMMI2 1.000

PRIOR 0.003 1.000

INSTI 0.069 0.087 1.000

FOSTER -0.126 0.048 0.023 1.000

PSYHLTH -0.030 0.108 0.052 0.103 1.000

CHGYLS -0.005 0.180 0.082 0.011 0.159

Correlations

CHGYLS

\_\_\_\_\_\_\_\_

CHGYLS 1.000

ESTIMATED SAMPLE STATISTICS FOR AFTER

Correlations

INNSUM OUTSUM SUM6 SUM12 SUM18

\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

INNSUM 1.000

OUTSUM 0.423 1.000

SUM6 0.237 0.404 1.000

SUM12 0.304 0.302 0.637 1.000

SUM18 0.268 0.321 0.596 0.867 1.000

INNYLSS -0.482 -0.240 -0.106 -0.281 -0.253

OUTYLSS -0.459 -0.511 -0.403 -0.477 -0.472

AGE 0.022 -0.025 -0.045 -0.139 -0.076

FEMALE 0.157 0.149 0.079 -0.004 0.133

IMMI1 -0.096 -0.044 0.056 0.077 -0.047

IMMI2 -0.029 -0.035 -0.130 0.025 0.041

PRIOR -0.079 -0.005 -0.011 -0.081 -0.096

INSTI -0.414 -0.351 -0.192 -0.047 -0.055

FOSTER 0.081 0.015 -0.089 -0.174 -0.044

PSYHLTH -0.210 -0.070 -0.006 -0.115 -0.130

CHGYLS -0.138 0.288 0.352 0.185 0.220

Correlations

INNYLSS OUTYLSS AGE FEMALE IMMI1

\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

INNYLSS 1.000

OUTYLSS 0.749 1.000

AGE -0.098 -0.083 1.000

FEMALE -0.146 -0.170 0.095 1.000

IMMI1 0.084 0.044 0.038 0.030 1.000

IMMI2 -0.109 -0.013 -0.193 0.002 -0.128

PRIOR 0.197 0.100 -0.032 -0.013 -0.131

INSTI 0.212 0.270 0.097 0.101 0.175

FOSTER -0.046 0.067 -0.048 -0.082 0.006

PSYHLTH 0.203 0.208 0.115 -0.049 -0.108

CHGYLS 0.543 -0.150 -0.041 -0.003 0.069

Correlations

IMMI2 PRIOR INSTI FOSTER PSYHLTH

\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

IMMI2 1.000

PRIOR 0.019 1.000

INSTI -0.038 -0.043 1.000

FOSTER 0.015 0.011 -0.052 1.000

PSYHLTH -0.073 0.032 0.113 0.075 1.000

CHGYLS -0.146 0.168 -0.027 -0.153 0.040

Correlations

CHGYLS

\_\_\_\_\_\_\_\_

CHGYLS 1.000

Beginning Time: 15:33:17

Ending Time: 15:33:21

Elapsed Time: 00:00:04

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