*model1 <- 'ee = ~e1 + e2 + e3 + e4 + e5 + e6 + e7 + e8 + e9*

*dp = ~ dp1 + dp2 + dp3 + dp4 + dp5*

*pa = ~p1 + p2 + p3 + p4 + p5 + p6 + p7 + p8'*

*fit <- cfa(model1, data = mbi, ordered = c("e1", "e2", "e3", "e4",*

*"e5", "e6", "e7", "e8", "e9", "dp1", "dp2", "dp3", "dp4",*

*"dp5","p1", "p2", "p3", "p4","p5", "p6", "p7", "p8"),*

*std.lv = TRUE, missing = "pairwise")*

**R output**

>summary(fit, fit.measures = TRUE, rsquare = TRUE, standardized = TRUE)

lavaan 0.6-2 ended normally after 41 iterations

 Optimization method NLMINB

 Number of free parameters 157

 Used Total

 Number of observations 6841 6880

 Number of missing patterns 188

 Estimator DWLS Robust

 Model Fit Test Statistic 14022.609 14285.386

 Degrees of freedom 206 206

 P-value (Chi-square) 0.000 0.000

 Scaling correction factor 0.988

 Shift parameter 96.377

 for simple second-order correction (Mplus variant)

Model test baseline model:

 Minimum Function Test Statistic 888944.138 303311.171

 Degrees of freedom 231 231

 P-value 0.000 0.000

User model versus baseline model:

 Comparative Fit Index (CFI) 0.984 0.954

 Tucker-Lewis Index (TLI) 0.983 0.948

 Robust Comparative Fit Index (CFI) NA

 Robust Tucker-Lewis Index (TLI) NA

Root Mean Square Error of Approximation:

 RMSEA 0.099 0.100

 90 Percent Confidence Interval 0.098 0.100 0.099 0.101

 P-value RMSEA <= 0.05 0.000 0.000

 Robust RMSEA NA

 90 Percent Confidence Interval NA NA

Standardized Root Mean Square Residual:

 SRMR 0.088 0.088

Parameter Estimates:

 Information Expected

 Information saturated (h1) model Unstructured

 Standard Errors Robust.sem

> fitmeasures(fit)

 npar fmin chisq

 157.000 1.025 14022.609

 df pvalue chisq.scaled

 206.000 0.000 14285.386

 df.scaled pvalue.scaled chisq.scaling.factor

 206.000 0.000 0.988

 baseline.chisq baseline.df baseline.pvalue

 888944.138 231.000 0.000

 baseline.chisq.scaled baseline.df.scaled baseline.pvalue.scaled

 303311.171 231.000 0.000

baseline.chisq.scaling.factor cfi tli

 2.932 0.984 0.983

 nnfi rfi nfi

 0.983 0.982 0.984

 pnfi ifi rni

 0.878 0.984 0.984

 cfi.scaled tli.scaled cfi.robust

 0.954 0.948 NA

 tli.robust nnfi.scaled nnfi.robust

 NA 0.948 NA

 rfi.scaled nfi.scaled ifi.scaled

 0.947 0.953 0.953

 rni.scaled rni.robust rmsea

 0.954 NA 0.099

 rmsea.ci.lower rmsea.ci.upper rmsea.pvalue

 0.098 0.100 0.000

 rmsea.scaled rmsea.ci.lower.scaled rmsea.ci.upper.scaled

 0.100 0.099 0.101

 rmsea.pvalue.scaled rmsea.robust rmsea.ci.lower.robust

 0.000 NA NA

 rmsea.ci.upper.robust rmsea.pvalue.robust rmr

 NA NA 0.084

 rmr\_nomean srmr srmr\_bentler

 0.088 0.088 0.084

 srmr\_bentler\_nomean srmr\_bollen srmr\_bollen\_nomean

 0.088 0.084 0.088

 srmr\_mplus srmr\_mplus\_nomean cn\_05

 0.084 0.088 118.304

 cn\_01 gfi agfi

 125.940 0.988 0.979

 pgfi mfi

 0.561 0.364