**Table 3 - Unique variances invariant**

(Times mean adjusted data, strict measurement invariance)

lavaan 0.6-3 ended normally after 111 iterations

Optimization method NLMINB

Number of free parameters 30

Number of equality constraints 14

Used Total

Number of observations 109 110

Number of missing patterns 2

Estimator ML Robust

Model Fit Test Statistic 45.963 37.694

Degrees of freedom 38 38

P-value (Chi-square) 0.176 0.483

Scaling correction factor 1.219

for the Yuan-Bentler correction (Mplus variant)

Model test baseline model:

Minimum Function Test Statistic 654.085 501.920

Degrees of freedom 36 36

P-value 0.000 0.000

User model versus baseline model:

Comparative Fit Index (CFI) 0.987 1.000

Tucker-Lewis Index (TLI) 0.988 1.001

Robust Comparative Fit Index (CFI) 1.000

Robust Tucker-Lewis Index (TLI) 1.001

Loglikelihood and Information Criteria:

Loglikelihood user model (H0) -2961.207 -2961.207

Scaling correction factor 0.785

for the MLR correction

Loglikelihood unrestricted model (H1) -2938.226 -2938.226

Scaling correction factor 1.294

for the MLR correction

Number of free parameters 16 16

Akaike (AIC) 5954.414 5954.414

Bayesian (BIC) 5997.476 5997.476

Sample-size adjusted Bayesian (BIC) 5946.918 5946.918

Root Mean Square Error of Approximation:

RMSEA 0.044 0.000

90 Percent Confidence Interval 0.000 0.084 0.000 0.062

P-value RMSEA <= 0.05 0.560 0.866

Robust RMSEA 0.000

90 Percent Confidence Interval 0.000 0.073

Standardized Root Mean Square Residual:

SRMR 0.056 0.056

Parameter Estimates:

Information Observed

Observed information based on Hessian

Standard Errors Robust.huber.white

Latent Variables:

Estimate Std.Err z-value P(>|z|) Std.lv Std.all

t1 =~

sad\_1 1.000 5.540 0.830

ove\_1 (a) 1.045 0.056 18.513 0.000 5.792 0.849

fru\_1 (b) 0.896 0.072 12.410 0.000 4.966 0.776

t4 =~

sad\_4 1.000 5.667 0.836

ove\_4 (a) 1.045 0.056 18.513 0.000 5.924 0.854

fru\_4 (b) 0.896 0.072 12.410 0.000 5.079 0.783

t7 =~

sad\_7 1.000 6.155 0.855

ove\_7 (a) 1.045 0.056 18.513 0.000 6.435 0.872

fru\_7 (b) 0.896 0.072 12.410 0.000 5.517 0.807

Covariances:

Estimate Std.Err z-value P(>|z|) Std.lv Std.all

t1 ~~

t4 21.223 4.626 4.588 0.000 0.676 0.676

t7 23.821 6.985 3.410 0.001 0.699 0.699

t4 ~~

t7 27.229 5.294 5.144 0.000 0.781 0.781

Intercepts:

Estimate Std.Err z-value P(>|z|) Std.lv Std.all

.sad\_1 0.000 0.000 0.000

.sad\_4 0.000 0.000 0.000

.sad\_7 0.000 0.000 0.000

.ove\_1 (f) -0.000 0.306 -0.000 1.000 -0.000 -0.000

.ove\_4 (f) -0.000 0.306 -0.000 1.000 -0.000 -0.000

.ove\_7 (f) -0.000 0.306 -0.000 1.000 -0.000 -0.000

.fru\_1 (g) -0.000 0.325 -0.000 1.000 -0.000 -0.000

.fru\_4 (g) -0.000 0.325 -0.000 1.000 -0.000 -0.000

.fru\_7 (g) -0.000 0.325 -0.000 1.000 -0.000 -0.000

t1 0.012 0.601 0.019 0.984 0.002 0.002

t4 0.000 0.625 0.000 1.000 0.000 0.000

t7 -0.000 0.641 -0.000 1.000 -0.000 -0.000

Variances:

Estimate Std.Err z-value P(>|z|) Std.lv Std.all

.sad\_1 (j) 13.886 2.351 5.907 0.000 13.886 0.311

.sad\_4 (j) 13.886 2.351 5.907 0.000 13.886 0.302

.sad\_7 (j) 13.886 2.351 5.907 0.000 13.886 0.268

.ove\_1 (k) 13.017 2.079 6.262 0.000 13.017 0.280

.ove\_4 (k) 13.017 2.079 6.262 0.000 13.017 0.271

.ove\_7 (k) 13.017 2.079 6.262 0.000 13.017 0.239

.fru\_1 (l) 16.255 2.394 6.789 0.000 16.255 0.397

.fru\_4 (l) 16.255 2.394 6.789 0.000 16.255 0.387

.fru\_7 (l) 16.255 2.394 6.789 0.000 16.255 0.348

t1 30.692 7.411 4.141 0.000 1.000 1.000

t4 32.110 5.377 5.971 0.000 1.000 1.000

t7 37.883 7.986 4.743 0.000 1.000 1.000