**Table 2 - Unique variances invariant (I)**

(Times data, strict measurement invariance with itemspecific factors)

lavaan 0.6-3 ended normally after 168 iterations

Optimization method NLMINB

Number of free parameters 32

Number of equality constraints 14

Used Total

Number of observations 109 110

Number of missing patterns 2

Estimator ML Robust

Model Fit Test Statistic 56.792 47.966

Degrees of freedom 36 36

P-value (Chi-square) 0.015 0.088

Scaling correction factor 1.184

for the Yuan-Bentler correction (Mplus variant)

Model test baseline model:

Minimum Function Test Statistic 632.907 473.589

Degrees of freedom 36 36

P-value 0.000 0.000

User model versus baseline model:

Comparative Fit Index (CFI) 0.965 0.973

Tucker-Lewis Index (TLI) 0.965 0.973

Robust Comparative Fit Index (CFI) 0.976

Robust Tucker-Lewis Index (TLI) 0.976

Loglikelihood and Information Criteria:

Loglikelihood user model (H0) -3268.460 -3268.460

Scaling correction factor 0.746

for the MLR correction

Loglikelihood unrestricted model (H1) -3240.064 -3240.064

Scaling correction factor 1.232

for the MLR correction

Number of free parameters 18 18

Akaike (AIC) 6572.920 6572.920

Bayesian (BIC) 6621.365 6621.365

Sample-size adjusted Bayesian (BIC) 6564.487 6564.487

Root Mean Square Error of Approximation:

RMSEA 0.073 0.055

90 Percent Confidence Interval 0.033 0.107 0.000 0.090

P-value RMSEA <= 0.05 0.149 0.387

Robust RMSEA 0.060

90 Percent Confidence Interval 0.000 0.101

Standardized Root Mean Square Residual:

SRMR 0.061 0.061

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 7.059 0.838

ove\_1 (a) 1.052 0.071 14.841 0.000 7.424 0.807

fru\_1 (b) 0.840 0.086 9.770 0.000 5.931 0.722

t4 =~

sad\_4 1.000 8.133 0.871

ove\_4 (a) 1.052 0.071 14.841 0.000 8.553 0.844

fru\_4 (b) 0.840 0.086 9.770 0.000 6.833 0.769

t7 =~

sad\_7 1.000 8.414 0.878

ove\_7 (a) 1.052 0.071 14.841 0.000 8.849 0.852

fru\_7 (b) 0.840 0.086 9.770 0.000 7.069 0.780

ove =~

ove\_1 (d) 1.000 2.544 0.277

ove\_4 (d) 1.000 2.544 0.251

ove\_7 (d) 1.000 2.544 0.245

fru =~

fru\_1 (e) 1.000 2.417 0.294

fru\_4 (e) 1.000 2.417 0.272

fru\_7 (e) 1.000 2.417 0.266

Covariances:

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

t1 ~~

ove 0.000 0.000 0.000

t4 ~~

ove 0.000 0.000 0.000

t7 ~~

ove 0.000 0.000 0.000

t1 ~~

fru 0.000 0.000 0.000

t4 ~~

fru 0.000 0.000 0.000

t7 ~~

fru 0.000 0.000 0.000

ove ~~

fru 0.000 0.000 0.000

t1 ~~

t4 37.524 8.082 4.643 0.000 0.654 0.654

t7 38.121 9.716 3.923 0.000 0.642 0.642

t4 ~~

t7 49.220 9.453 5.207 0.000 0.719 0.719

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) -0.351 0.747 -0.470 0.639 -0.351 -0.038

.ove\_4 (f) -0.351 0.747 -0.470 0.639 -0.351 -0.035

.ove\_7 (f) -0.351 0.747 -0.470 0.639 -0.351 -0.034

.fru\_1 (g) 3.173 0.895 3.546 0.000 3.173 0.386

.fru\_4 (g) 3.173 0.895 3.546 0.000 3.173 0.357

.fru\_7 (g) 3.173 0.895 3.546 0.000 3.173 0.350

t1 11.769 0.787 14.957 0.000 1.667 1.667

t4 10.843 0.891 12.169 0.000 1.333 1.333

t7 10.547 0.873 12.077 0.000 1.253 1.253

ove 0.000 0.000 0.000

fru 0.000 0.000 0.000

Variances:

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

.sad\_1 (j) 21.077 4.855 4.341 0.000 21.077 0.297

.sad\_4 (j) 21.077 4.855 4.341 0.000 21.077 0.242

.sad\_7 (j) 21.077 4.855 4.341 0.000 21.077 0.229

.ove\_1 (k) 23.066 4.445 5.190 0.000 23.066 0.272

.ove\_4 (k) 23.066 4.445 5.190 0.000 23.066 0.225

.ove\_7 (k) 23.066 4.445 5.190 0.000 23.066 0.214

.fru\_1 (l) 26.410 3.896 6.778 0.000 26.410 0.392

.fru\_4 (l) 26.410 3.896 6.778 0.000 26.410 0.335

.fru\_7 (l) 26.410 3.896 6.778 0.000 26.410 0.321

t1 49.834 10.640 4.684 0.000 1.000 1.000

t4 66.141 11.454 5.775 0.000 1.000 1.000

t7 70.802 11.841 5.979 0.000 1.000 1.000

ove 6.473 3.181 2.035 0.042 1.000 1.000

fru 5.840 3.502 1.668 0.095 1.000 1.000