**Figure 6 – predict neuroticism with times,   
mean-adjusted**

lavaan 0.6-3 ended normally after 87 iterations

Optimization method NLMINB

Number of free parameters 28

Number of equality constraints 12

Used Total

Number of observations 109 110

Number of missing patterns 3

Estimator ML Robust

Model Fit Test Statistic 63.715 54.947

Degrees of freedom 49 49

P-value (Chi-square) 0.077 0.260

Scaling correction factor 1.160

for the Yuan-Bentler correction (Mplus variant)

Model test baseline model:

Minimum Function Test Statistic 662.720 545.517

Degrees of freedom 45 45

P-value 0.000 0.000

User model versus baseline model:

Comparative Fit Index (CFI) 0.976 0.988

Tucker-Lewis Index (TLI) 0.978 0.989

Robust Comparative Fit Index (CFI) 0.989

Robust Tucker-Lewis Index (TLI) 0.990

Loglikelihood and Information Criteria:

Loglikelihood user model (H0) -3055.975 -3055.975

Scaling correction factor 0.800

for the MLR correction

Loglikelihood unrestricted model (H1) -3024.117 -3024.117

Scaling correction factor 1.219

for the MLR correction

Number of free parameters 16 16

Akaike (AIC) 6143.949 6143.949

Bayesian (BIC) 6187.011 6187.011

Sample-size adjusted Bayesian (BIC) 6136.453 6136.453

Root Mean Square Error of Approximation:

RMSEA 0.052 0.033

90 Percent Confidence Interval 0.000 0.086 0.000 0.070

P-value RMSEA <= 0.05 0.431 0.731

Robust RMSEA 0.036

90 Percent Confidence Interval 0.000 0.078

Standardized Root Mean Square Residual:

SRMR 0.138 0.138

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

t4 =~

sad\_4 1.000 4.064 0.534

fru\_4 (a) 1.072 0.112 9.559 0.000 4.356 0.556

ner\_4 (b) 0.912 0.156 5.836 0.000 3.704 0.515

t7 =~

sad\_7 1.000 4.251 0.551

fru\_7 (a) 1.072 0.112 9.559 0.000 4.557 0.573

ner\_7 (b) 0.912 0.156 5.836 0.000 3.875 0.532

g =~

sad\_1 1.000 5.202 0.809

fru\_1 (m) 1.030 0.064 16.026 0.000 5.359 0.822

ner\_1 (n) 0.903 0.082 10.997 0.000 4.698 0.761

sad\_4 1.000 5.202 0.684

fru\_4 (m) 1.030 0.064 16.026 0.000 5.359 0.684

ner\_4 (n) 0.903 0.082 10.997 0.000 4.698 0.653

sad\_7 1.000 5.202 0.675

fru\_7 (m) 1.030 0.064 16.026 0.000 5.359 0.674

ner\_7 (n) 0.903 0.082 10.997 0.000 4.698 0.645

Regressions:

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

Nm ~

g 0.008 0.012 0.655 0.512 0.042 0.068

t4 0.020 0.024 0.834 0.404 0.083 0.133

t7 -0.016 0.022 -0.731 0.465 -0.069 -0.112

Covariances:

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

t7 ~~

g 0.000 0.000 0.000

t4 ~~

g 0.000 0.000 0.000

t7 9.930 3.263 3.043 0.002 0.575 0.575

Intercepts:

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

t7 0.000 0.000 0.000

t4 0.000 0.000 0.000

.sad\_1 0.000 0.000 0.000

.sad\_4 0.000 0.000 0.000

.sad\_7 0.000 0.000 0.000

.fru\_1 0.000 0.000 0.000

.fru\_4 0.000 0.000 0.000

.fru\_7 0.000 0.000 0.000

.ner\_1 0.000 0.000 0.000

.ner\_4 0.000 0.000 0.000

.ner\_7 0.000 0.000 0.000

.Nm 1.667 0.063 26.459 0.000 1.667 2.689

g 0.000 0.000 0.000

Variances:

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

.sad\_1 (j) 14.288 2.325 6.146 0.000 14.288 0.346

.sad\_4 (j) 14.288 2.325 6.146 0.000 14.288 0.247

.sad\_7 (j) 14.288 2.325 6.146 0.000 14.288 0.240

.fru\_1 (k) 13.736 2.185 6.288 0.000 13.736 0.324

.fru\_4 (k) 13.736 2.185 6.288 0.000 13.736 0.224

.fru\_7 (k) 13.736 2.185 6.288 0.000 13.736 0.217

.ner\_1 (l) 16.040 2.299 6.977 0.000 16.040 0.421

.ner\_4 (l) 16.040 2.299 6.977 0.000 16.040 0.309

.ner\_7 (l) 16.040 2.299 6.977 0.000 16.040 0.302

.Nm 0.378 0.044 8.566 0.000 0.378 0.982

t4 16.513 5.133 3.217 0.001 1.000 1.000

t7 18.069 4.411 4.096 0.000 1.000 1.000

g 27.061 6.096 4.439 0.000 1.000 1.000