**Figure 8 – Predict neuroticism with days,**

**mean-adjusted.**

lavaan 0.6-3 ended normally after 72 iterations

Optimization method NLMINB

Number of free parameters 26

Number of equality constraints 12

Used Total

Number of observations 109 110

Number of missing patterns 2

Estimator ML Robust

Model Fit Test Statistic 79.143 67.632

Degrees of freedom 51 51

P-value (Chi-square) 0.007 0.059

Scaling correction factor 1.170

for the Yuan-Bentler correction (Mplus variant)

Model test baseline model:

Minimum Function Test Statistic 585.409 484.852

Degrees of freedom 45 45

P-value 0.000 0.000

User model versus baseline model:

Comparative Fit Index (CFI) 0.948 0.962

Tucker-Lewis Index (TLI) 0.954 0.967

Robust Comparative Fit Index (CFI) 0.963

Robust Tucker-Lewis Index (TLI) 0.968

Loglikelihood and Information Criteria:

Loglikelihood user model (H0) -3136.780 -3136.780

Scaling correction factor 0.805

for the MLR correction

Loglikelihood unrestricted model (H1) -3097.209 -3097.209

Scaling correction factor 1.240

for the MLR correction

Number of free parameters 14 14

Akaike (AIC) 6301.560 6301.560

Bayesian (BIC) 6339.239 6339.239

Sample-size adjusted Bayesian (BIC) 6295.001 6295.001

Root Mean Square Error of Approximation:

RMSEA 0.071 0.055

90 Percent Confidence Interval 0.038 0.101 0.007 0.085

P-value RMSEA <= 0.05 0.130 0.386

Robust RMSEA 0.059

90 Percent Confidence Interval NA 0.094

Standardized Root Mean Square Residual:

SRMR 0.081 0.081

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 5.348 0.793

fru\_1 (a) 1.150 0.098 11.733 0.000 6.153 0.856

ner\_1 (b) 1.048 0.098 10.657 0.000 5.602 0.778

t4 =~

sad\_4 1.000 5.348 0.793

fru\_4 (a) 1.150 0.098 11.733 0.000 6.153 0.856

ner\_4 (b) 1.048 0.098 10.657 0.000 5.602 0.778

t7 =~

sad\_7 1.000 5.348 0.793

fru\_7 (a) 1.150 0.098 11.733 0.000 6.153 0.856

ner\_7 (b) 1.048 0.098 10.657 0.000 5.602 0.778

Regressions:

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

Nm ~

t1 0.010 0.012 0.794 0.427 0.053 0.085

Covariances:

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

t4 ~~

.Nm -0.070 0.361 -0.194 0.846 -0.013 -0.021

t7 ~~

.Nm -0.146 0.293 -0.499 0.618 -0.027 -0.044

t1 ~~

t4 14.109 4.382 3.220 0.001 0.493 0.493

t7 21.605 5.703 3.789 0.000 0.755 0.755

t4 ~~

t7 17.301 4.482 3.860 0.000 0.605 0.605

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

.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

t1 0.000 0.000 0.000

t4 0.000 0.000 0.000

t7 0.000 0.000 0.000

.Nm 1.669 0.062 26.792 0.000 1.669 2.696

Variances:

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

t1 (h) 28.605 6.258 4.571 0.000 1.000 1.000

t4 (h) 28.605 6.258 4.571 0.000 1.000 1.000

t7 (h) 28.605 6.258 4.571 0.000 1.000 1.000

.sad\_1 (j) 16.931 2.964 5.712 0.000 16.931 0.372

.sad\_4 (j) 16.931 2.964 5.712 0.000 16.931 0.372

.sad\_7 (j) 16.931 2.964 5.712 0.000 16.931 0.372

.fru\_1 (k) 13.824 2.532 5.459 0.000 13.824 0.267

.fru\_4 (k) 13.824 2.532 5.459 0.000 13.824 0.267

.fru\_7 (k) 13.824 2.532 5.459 0.000 13.824 0.267

.ner\_1 (l) 20.427 3.050 6.697 0.000 20.427 0.394

.ner\_4 (l) 20.427 3.050 6.697 0.000 20.427 0.394

.ner\_7 (l) 20.427 3.050 6.697 0.000 20.427 0.394

.Nm 0.380 0.043 8.869 0.000 0.380 0.993