lavaan 0.6-3 ended normally after 56 iterations

Optimization method NLMINB

Number of free parameters 50

Used Total

Number of observations 1513 4978

Estimator ML

Model Fit Test Statistic 2044.095

Degrees of freedom 203

P-value (Chi-square) 0.000

Model test baseline model:

Minimum Function Test Statistic 21222.871

Degrees of freedom 231

P-value 0.000

User model versus baseline model:

Comparative Fit Index (CFI) 0.912

Tucker-Lewis Index (TLI) 0.900

Loglikelihood and Information Criteria:

Loglikelihood user model (H0) -31742.446

Loglikelihood unrestricted model (H1) -30720.398

Number of free parameters 50

Akaike (AIC) 63584.891

Bayesian (BIC) 63850.984

Sample-size adjusted Bayesian (BIC) 63692.147

Root Mean Square Error of Approximation:

RMSEA 0.077

90 Percent Confidence Interval 0.074 0.080

P-value RMSEA <= 0.05 0.000

Standardized Root Mean Square Residual:

SRMR 0.082

Parameter Estimates:

Information Expected

Information saturated (h1) model Structured

Standard Errors Standard

Latent Variables:

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

anxiety =~

ST42Q01 1.000 0.655 0.771

ST42Q03 1.081 0.033 32.967 0.000 0.708 0.812

ST42Q05 0.962 0.031 31.367 0.000 0.630 0.778

ST42Q08 0.956 0.031 30.690 0.000 0.626 0.763

ST42Q10 1.132 0.037 30.774 0.000 0.741 0.765

interest =~

ST29Q01 1.000 0.671 0.784

ST29Q03 1.158 0.031 37.848 0.000 0.777 0.867

ST29Q04 1.260 0.031 40.457 0.000 0.846 0.914

ST29Q06 1.179 0.031 38.192 0.000 0.791 0.873

selfcon =~

ST42Q02 1.000 0.732 0.806

ST42Q04 -0.758 0.024 -31.408 0.000 -0.555 -0.735

ST42Q06 -1.010 0.026 -38.419 0.000 -0.739 -0.853

ST42Q07 -1.161 0.032 -36.787 0.000 -0.849 -0.827

ST42Q09 -0.966 0.028 -34.932 0.000 -0.707 -0.796

behave =~

ST49Q01 1.000 0.479 0.544

ST49Q02 0.926 0.059 15.670 0.000 0.444 0.496

ST49Q03 1.303 0.061 21.497 0.000 0.624 0.825

ST49Q04 1.244 0.057 21.735 0.000 0.596 0.845

ST49Q05 1.025 0.053 19.330 0.000 0.491 0.678

ST49Q06 0.724 0.053 13.552 0.000 0.347 0.411

ST49Q07 0.882 0.055 15.940 0.000 0.423 0.507

ST49Q09 0.891 0.044 20.475 0.000 0.427 0.749

Covariances:

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

anxiety ~~

interest -0.218 0.015 -14.510 0.000 -0.496 -0.496

selfcon 0.399 0.020 19.654 0.000 0.833 0.833

behave -0.016 0.009 -1.770 0.077 -0.052 -0.052

interest ~~

selfcon -0.345 0.019 -18.342 0.000 -0.703 -0.703

behave 0.134 0.011 11.636 0.000 0.416 0.416

selfcon ~~

behave -0.100 0.011 -8.846 0.000 -0.285 -0.285

Variances:

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

.ST42Q01 0.293 0.013 23.259 0.000 0.293 0.406

.ST42Q03 0.259 0.012 21.867 0.000 0.259 0.341

.ST42Q05 0.259 0.011 23.053 0.000 0.259 0.395

.ST42Q08 0.280 0.012 23.452 0.000 0.280 0.417

.ST42Q10 0.389 0.017 23.405 0.000 0.389 0.414

.ST29Q01 0.282 0.012 24.276 0.000 0.282 0.385

.ST29Q03 0.199 0.009 21.200 0.000 0.199 0.248

.ST29Q04 0.140 0.008 16.930 0.000 0.140 0.164

.ST29Q06 0.195 0.009 20.808 0.000 0.195 0.237

.ST42Q02 0.289 0.012 23.406 0.000 0.289 0.350

.ST42Q04 0.263 0.011 24.931 0.000 0.263 0.460

.ST42Q06 0.205 0.010 21.582 0.000 0.205 0.273

.ST42Q07 0.335 0.015 22.728 0.000 0.335 0.317

.ST42Q09 0.289 0.012 23.690 0.000 0.289 0.366

.ST49Q01 0.545 0.021 26.101 0.000 0.545 0.704

.ST49Q02 0.604 0.023 26.420 0.000 0.604 0.754

.ST49Q03 0.183 0.009 20.200 0.000 0.183 0.320

.ST49Q04 0.142 0.007 18.938 0.000 0.142 0.285

.ST49Q05 0.284 0.012 24.652 0.000 0.284 0.541

.ST49Q06 0.593 0.022 26.830 0.000 0.593 0.831

.ST49Q07 0.515 0.020 26.351 0.000 0.515 0.743

.ST49Q09 0.142 0.006 23.164 0.000 0.142 0.439

anxiety 0.429 0.025 17.211 0.000 1.000 1.000

interest 0.451 0.025 17.884 0.000 1.000 1.000

selfcon 0.536 0.029 18.593 0.000 1.000 1.000

behave 0.229 0.021 10.895 0.000 1.000 1.000