lavaan 0.6.16 ended normally after 186 iterations

Estimator ML

Optimization method BFGS

Number of model parameters 29

Number of observations 70

Model Test User Model:

Standard Scaled

Test Statistic 65.246 67.797

Degrees of freedom 39 39

P-value (Chi-square) 0.005 0.003

Scaling correction factor 0.962

Satorra-Bentler correction

Parameter Estimates:

Standard errors Robust.sem

Information Expected

Information saturated (h1) model Structured

Latent Variables:

Estimate Std.Err

Trait =~

Consci 0.344 0.090

Agree 0.354 0.086

Neuro 0.155 0.071

Ethics 0.438 0.075

Skill =~

Fnl 0.323 0.072

Res 0.761 0.102

Commu 0.383 0.073

z-value P(>|z|)

3.832 0.000

4.112 0.000

2.188 0.029

5.808 0.000

4.499 0.000

7.481 0.000

5.232 0.000

Regressions:

Estimate Std.Err

Competency ~

Trait 1.575 0.203

Skill 1.258 0.232

Know 1.707 0.534

Attit 1.596 0.249

Ability 0.234 0.044

z-value P(>|z|)

7.746 0.000

5.422 0.000

3.198 0.001

6.397 0.000

5.353 0.000

Covariances:

Estimate Std.Err

Trait ~~

Skill 0.209 0.196

z-value P(>|z|)

1.070 0.285

Intercepts:

Estimate Std.Err

.Competency 15.716 0.998

.Consci 2.992 0.074

.Agree 3.655 0.081

.Neuro 2.916 0.064

.Ethics 3.102 0.077

.Fnl 2.954 0.077

.Res 2.704 0.112

.Commu 2.807 0.083

Trait 0.000

Skill 0.000

z-value P(>|z|)

15.749 0.000

40.253 0.000

45.083 0.000

45.413 0.000

40.289 0.000

38.304 0.000

24.039 0.000

33.650 0.000

Variances:

Estimate Std.Err

.Consci 0.362 0.062

.Agree 0.468 0.099

.Neuro 0.312 0.041

.Ethics 0.305 0.058

.Fnl 0.324 0.057

.Res 0.389 0.122

.Commu 0.371 0.083

.Competency -0.648 0.467

Trait 1.000

Skill 1.000

z-value P(>|z|)

5.864 0.000

4.720 0.000

7.541 0.000

5.213 0.000

5.732 0.000

3.176 0.001

4.448 0.000

-1.388 0.165

