

Correcting for Unreliability and Partial Invariance: A Two-Stage Path Analysis Approach (Supplemental Materials)

Table S1*Supplemental: Summary of Fit Indices for Measurement Invariance Testing*

| Scale | Model | χ^2 | df | RMSEA | CFI | TLI | SRMR | $\Delta\chi^2$ | Δdf | p | Δ CFI | Δ RMSEA |
|-------|----------------|----------|------|-------|-------|-------|-------|----------------|-------------|-------|--------------|----------------|
| CLASS | Configural | 815.302 | 360 | 0.078 | 0.909 | 0.894 | 0.050 | NA | NA | NA | NA | NA |
| | Metric | 866.386 | 402 | 0.074 | 0.907 | 0.903 | 0.066 | 51.084 | 42 | 0.159 | -0.002 | -0.003 |
| | Partial Scalar | 902.309 | 434 | 0.072 | 0.906 | 0.909 | 0.068 | 35.923 | 32 | 0.290 | -0.001 | -0.002 |
| | Scalar | 995.071 | 444 | 0.077 | 0.890 | 0.896 | 0.071 | 128.685 | 42 | 0.000 | -0.017 | 0.005 |
| AUDIT | Configural | 233.388 | 56 | 0.123 | 0.861 | 0.791 | 0.055 | NA | NA | NA | NA | NA |
| | Partial Metric | 249.262 | 69 | 0.111 | 0.859 | 0.828 | 0.062 | 15.874 | 13 | 0.256 | -0.002 | -0.011 |
| | Metric | 326.658 | 74 | 0.127 | 0.802 | 0.775 | 0.089 | 93.270 | 18 | 0.000 | -0.057 | 0.016 |
| | Partial Scalar | 269.223 | 83 | 0.103 | 0.854 | 0.852 | 0.067 | 19.960 | 14 | 0.131 | 0.052 | -0.024 |
| | Scalar | 345.130 | 87 | 0.119 | 0.797 | 0.804 | 0.088 | 95.868 | 18 | 0.000 | -0.056 | 0.015 |

Note. RMSEA = root mean square error of approximation. CFI = comparative fit index. TLI = Tucker-Lewis index. SRMR = square root mean residual.