

CFA model selection criteria

To determine model fit, the following goodness-of-fit indices were used (Schreiber, Stage, King, Nora, & Barlow, 2006):

- Chi-square (χ^2),
- Akaike information criterion (AIC) and Bayes information criterion (BIC): when comparing models, lower values of AIC and BIC indicate better model fit,
- Root mean square error of approximation (RMSEA), 90% confidence interval (CI) of RMSEA and its significance: when comparing models, lower values of RMSEA indicate better model fit (ideally below .06),
- Standardized root mean square residual (SRMR): when comparing models, lower values of SRMR indicate better model fit (ideally below .08),
- Comparative fit index (CFI): when comparing models, higher values of CFI indicate better model fit (ideally above .95),
- Tucker–Lewis index (TLI): when comparing models, higher values of TLI indicate better model fit (ideally above .95).

Table S2: CFA model fit indices

Canada	Chi ²	AIC	BIC	RMSEA	SRMR	CFI	TLI
Three factors model, Canada (Ungar & Liebenberg, 2005)	2487.583*	174045.500	174558.786	0.051 (0.049 - 0.053)*	0.047	0.871	0.859
Three factors model, South Africa (van Rensburg et al., 2019)	2500.327*	174061.870	174575.156	0.051 (0.050 - 0.053)*	0.047	0.870	0.858
Single factor model, Canada (Ungar & Liebenberg, 2011)	3417.194*	175274.498	175782.017	0.061 (0.059 - 0.063)*	0.056	0.815	0.798
South Africa							
Three factors model, Canada (Ungar & Liebenberg, 2005)	2193.645*	265776.720	266307.939	0.042 (0.040 - 0.043)*	0.040	0.869	0.856
Three factors model, South Africa (van Rensburg et al., 2019)	2145.420*	265711.031	266242.249	0.041 (0.039 - 0.043)	0.040	0.872	0.860
Single factor model, Canada (Ungar & Liebenberg, 2011)	2399.559*	266049.080	266580.298	0.044 (0.042 - 0.045)	0.044	0.854	0.840

Note: *: $p < .05$, bold: selected models for each country.

While the CFIs and TLIs did not reach their respective cutoffs or above in any model, the RMSEAs and SRMRs were sufficient and together with the AICs and BICs were used to select the best fitting model.

Reference:

Schreiber, J. B., Nora, A., Stage, F. K., Barlow, E. A., & King, J. (2006). Reporting structural equation modeling and confirmatory factor analysis results: A review. *The Journal of Educational Research*, 99(6), 323-338. DOI: 10.3200/JOER.99.6.323-338