Model Formation – Pull from literature

A diagram of a person's relationship

Description automatically generated

**We are using TLX-4**

A close-up of a diagram

Description automatically generated

A diagram of a performance model

Description automatically generated

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9124236/>

Diagram

Description automatically generated

Model Formation – Structure (see Powerpoint for some models to look at competing measurement model)

* Confirmatory Modeling
* Competing Measurement Model

Model Identification – variables we observe to measure latent variables

Model Estimation – estimate latent variables

Model Evaluation and Modification – I’ll do this and present summary results. Validates literature model

Estimate numbers are the coefficients for linear regressions equation!!!

A screenshot of a computer

Description automatically generated

A table with numbers and symbols

Description automatically generated

<https://statwiki.gaskination.com/index.php/CFA#:~:text=In%20a%20CFA%2C%20there%20is,modification%20indices%20for%20the%20covariances>.

Hu, L. T., & Bentler, P. M. (1999). Cutoff criteria for fit indexes in covariance structure analysis: Conventional criteria versus new alternatives. Structural Equation Modeling: A Multidisciplinary Journal, 6, 1-55.