

Presentation Supplement

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Symbol Glossary

- $\Omega_{p \times p}$: Population covariance matrix for p items
- $\Sigma_{p \times p}$: The population covariance matrix with model error.
- $\hat{\Omega}_{p \times p}$: The model-implied population covariance (correlation) matrix obtained from analyzing Σ .
- $\Omega(\gamma)$: Matrix-valued function of a vector of free parameters, γ
- $E_{p \times p}$: Error (perturbation) matrix
- $\Lambda_{p \times k}$: Matrix of factor loadings for p items on k factors
- $\Phi_{k \times k}$: Correlation matrix for the k factors
- $\Psi_{p \times p}$: Diagonal matrix of item unique variances
- RMSEA: Root mean square error of approximation (RMSEA)
- RMSEA_T: Target RMSEA
- CFI: Comparative Fit Index (CFI)
- CFI_T: Target CFI
- $m = 1/v$: Precision parameter for the inverse-Wishart distribution

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