




Measurement Invariance Multiverse



Decision nodes, where reasonable applied researchers could make different defensible decisions in the same context.





Procedure and operational nodes, where reasonable applied researchers could make choices to apply different procedures and tests, producing different results

- Configural invariance
Comparable factor composition (pattern of loadings), same simple structure across group
- Metric invariance
Equal or proportional common factor loadings.
- Scalar invariance
Equal intercepts or thresholds.
- Structural invariance
Equal common-factor variances; equal common-factor covariances; equal common factor means

When/where to test for equivalence in residual covariances, or methods factor loadings and/or variances

