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""; ""2.2.3 Matrix representation
structural equation models
""2.3.1 Path analysis
analysis
""; ""2.3.4 Latent growth model
group analysis
statistics, and goodness-of-fit indices
""; ""2.4.1 Maximum likelihood estimation
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group analysis
and Wald test
intervals on parameter estimates
""; ""2.4.6 Test statistics versus goodness-of-fit indices
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""2.5.1 Phantom variables
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Sommario/riassunto

Presents a novel approach to conducting meta-analysis using structural equation modeling. Structural equation modeling (SEM) and meta-analysis are two powerful statistical methods in the educational, social, behavioral, and medical sciences. They are often treated as two unrelated topics in the literature. This book presents a unified framework on analyzing meta-analytic data within the SEM framework, and illustrates how to conduct meta-analysis using the metaSEM package in the R statistical environment. Meta-Analysis: A Structural Equation Modeling Approach begins by introducing the impo