

The SAGE Handbook of Multilevel Modeling

Edited by **Marc A. Scott, Jeffrey S. Simonoff and Brian D. Marx**

In this important new Handbook, the editors have gathered together a range of leading contributors who introduce the theory and practice of multilevel modeling.

This Handbook establishes the connections in multilevel modeling, bringing together leading experts from around the world to provide a roadmap for applied researchers linking theory and practice, as well as a unique arsenal of state-of-the-art tools. It forges vital connections that cross traditional disciplinary divides and introduces best practice in the field.

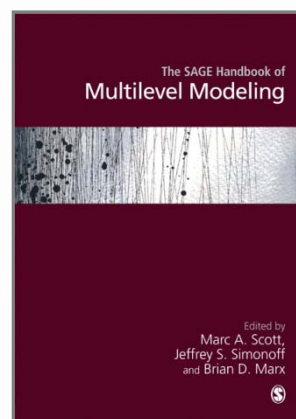
- Part I establishes the framework for estimation and inference, including chapters dedicated to notation, model selection, fixed and random effects, and causal inference.
- Part II develops variations and extensions, such as nonlinear, semiparametric and latent class models.
- Part III includes discussion of missing data and robust methods, assessment of fit and software.
- Part IV consists of exemplary modeling and data analyses written by methodologists working in specific disciplines.

Combining practical pieces with overviews of the field, this handbook is essential reading for any student or researcher looking to apply multilevel techniques in their own research.

Contents

Multilevel Modeling / PART ONE: MULTILEVEL MODEL SPECIFICATION AND INFERENCE / The Multilevel Model Framework / Multilevel Model Notation - Establishing the Commonalities / Likelihood Estimation in Multilevel Models / Bayesian Multilevel Models / The Choice between Fixed and Random Effects / Centering Predictors and Contextual Effects / Model Selection for Multilevel Models / Generalized Linear Mixed Models - Overview / Longitudinal Data Modeling / Complexities in Error Structures Within Individuals / Design Considerations in Multilevel Studies / Multilevel Models and Causal Inference / PART TWO: VARIATIONS AND EXTENSIONS OF THE MULTILEVEL MODEL / Multilevel Functional Data Analysis / Nonlinear Models / Generalized Linear Mixed Models: Estimation and Inference / Categorical Response Data / Smoothing and Semiparametric Models / Penalized Splines and Multilevel Models / Hierarchical Dynamic Models / Mixture and Latent Class Models in Longitudinal and Other Settings / Multivariate Response Data / PART THREE: PRACTICAL CONSIDERATIONS IN MODEL FIT AND SPECIFICATION / Robust Methods for Multilevel Analysis / Missing Data / Lack of Fit, Graphics, and Multilevel Model Diagnostics / Multilevel Models: Is GEE a Robust Alternative in the Presence of Binary Endogenous Regressors? / Software for Fitting Multilevel Models / PART FOUR: SELECTED APPLICATIONS / Meta-Analysis / Modeling Policy Adoption and Impact with Multilevel Methods / Multilevel Models in the Social and Behavioral Sciences / Survival Analysis and the Frailty Model: The effect of education on survival and disability for older men in England and Wales / Point-Referenced Spatial Modeling / Market Research and Preference Data / Modeling for Networks and Relational Data

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