

Multilevel Analysis

An Introduction to Basic and Advanced Multilevel Modeling

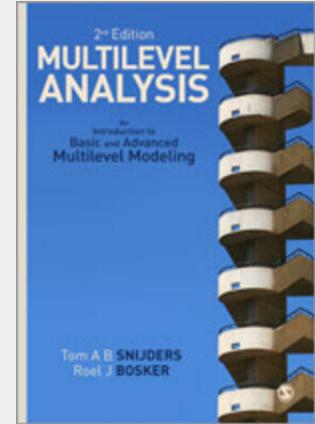
The Second Edition of this classic text introduces the main methods, techniques and issues involved in carrying out multilevel modeling and analysis. Snijders and Bosker's book is an applied, authoritative and accessible introduction to the topic, providing readers with a clear conceptual and practical understanding of all the main issues involved in designing multilevel studies and conducting multilevel analysis. This book provides step-by-step coverage of:

- multilevel theories
- ecological fallacies
- the hierarchical linear model
- testing and model specification
- heteroscedasticity
- study designs
- longitudinal data
- multivariate multilevel models
- discrete dependent variables

There are also new chapters on:

- missing data
- multilevel modeling and survey weights
- Bayesian and MCMC estimation and latent-class models.

This book has been comprehensively revised and updated since the last edition, and now discusses modeling using HLM, MLwiN, SAS, Stata including GLLAMM, R, SPSS, Mplus, WinBugs, Latent Gold, and SuperMix. This is a must-have text for any student, teacher or researcher with an interest in conducting or understanding multilevel analysis. Tom A.B. Snijders is Professor of Statistics in the Social Sciences at the University of Oxford and Professor of Statistics and Methodology at the University of Groningen. Roel J. Bosker is Professor of Education and Director of GION, Groningen Institute for Educational Research, at the University of Groningen.



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