

MULTILEVEL ANALYSIS

Techniques and Applications

Joop Hox

Utrecht University

This book is an introduction to multilevel analysis for applied researchers. It presents two types of multilevel models: The multilevel regression model and a model for multilevel covariance structures.

This book serves as an introduction, as well as a discussion of many extensions and special applications. As an introduction, it will be useable in courses in a variety of fields, such as psychology, education, sociology, and business. The various extensions and special applications make it useful to researchers who work in applied or theoretical research, and to methodologists that have to consult with these researchers. The basic models and examples are discussed in non-technical terms; the emphasis is on understanding the methodological and statistical issues involved in using these models. Some of the extensions and special applications contain discussions that are more technical, either because that is necessary for understanding what the model does, or as a helpful introduction to more advanced treatments in other texts. Thus, in addition to its role as an introduction, the book will be useful as a standard reference for a large variety of applications.

Contents: Preface. Introduction to Multilevel Analysis. The Basic Two-Level Regression Model: Introduction. Estimation and Hypothesis Testing in Multilevel Regression. Some Important Methodological and Statistical Issues. Analyzing Longitudinal Data. The Logistic Model for Dichotomous Data and Proportions. Cross-Classified Multilevel Models. The Multilevel Approach to Meta-Analysis. Multivariate Multilevel Regression Models. Sample Sizes and Power Analysis in Multilevel Regression. Advanced Methods for Estimation and Testing. Multilevel Factor Models. Multilevel Path Models. Latent Curve Models. **Appendix:** Data and Stories.

0-8058-3218-1 [cloth] / 2002 / 296pp. / \$69.95

0-8058-3219-X [paper] / 2002 / 296pp. / \$32.50

About the Author

Joop Hox is currently professor of social science methodology at Utrecht University and a recognized expert in multilevel analysis. He also teaches at the International University College Utrecht. Dr. Hox received his Ph.D. from the psychological methods department at the Faculty of Psychology, University of Amsterdam. Dr. Hox was a Fulbright scholar at the Program on Social Statistics at the University of California at Los Angeles in 1990.

Dr. Hox's research interests focus on two lines of work: data quality in social surveys and multilevel modeling. In survey methodology, he has written articles on nonresponse problems and the effects of data collection mode and interviewers on various aspects of data quality. In multilevel modeling, he has written numerous articles, book chapters, and an introductory handbook. The two lines of research reinforce each other, for instance in using multilevel methods to model complex survey data.

ORDER FORM

Special Discount: 10% off the Regular List Price When Payment Accompanies Order.
Please send me *Multilevel Analysis* by **Joop Hox** as follows:

___ cloth copies (3218-1) at the special 10% discount price of \$62.95 (regularly \$69.95)
___ paper copies (3219-X) at the special 10% discount price of \$29.25 (regularly \$32.50)

Prices and offers are valid only in the United States. Prices slightly higher in Canada. Prices are subject to change without notice. Please Note: A \$20.00 penalty will be charged for checks that must be returned for payment. This assessment will be made only in instances when problems in collecting funds are directly attributable to customer error.

60-DAY EXAMINATIONS

Please send me *Multilevel Analysis* (3219-X) by **Joop Hox** for a 60-day examination.

LEA 60-Day Examination Copy Policy: Upon written request, examination copies can be provided for possible course adoption on the basis of a 60-day period. The book(s) will be sent to you with an invoice at the discount price. If a paperback text is available, it will be sent in place of a cloth text. A \$10.00 handling fee will be added to cloth only titles. After 60 days, you have the following options: (1) Adopt the book. Send LEA a copy of the bookstore order, minimum of 5 copies, with a copy of the invoice and we will cancel all charges. (2) Do not adopt the book, but want to keep it—pay the discount price (+ the handling fee when applicable) and shipping charge by check or credit card. Send payment with a copy of the invoice. (3) Return the book to LEA, in saleable condition, via UPS along with the original invoice and all charges will be cancelled.

PAYMENT METHOD

Check drawn on a U.S. bank enclosed (U.S. currency only. Please include handling charge of \$2.00 for the first book, plus \$.50 for each additional book. LEA pays postage.)

Total enclosed \$ _____ (NJ residents add 6% sales tax.)

Charge my: VISA MasterCard AMEX Discover
UPS and handling charges will be added to credit card orders.

Card Number _____

Exp. Date _____ / _____

Signature _____
(Credit card orders cannot be processed without your signature.)

SHIPPING

Please print clearly to ensure proper delivery. Street address/suite/room # is required for delivery.

Name _____

Title/School _____

Address _____

City/State/Zip + 4 _____

Daytime Phone Number _____

E-mail Address _____

Send your order to:
LAWRENCE ERLBAUM ASSOCIATES, INC., Order Department
10 Industrial Avenue, Mahwah, New Jersey 07430-2262

Call toll-free to order: 1-800-926-6579

Fax your order to: 201-760-3735

E-mail your book order to: orders@erlbaum.com

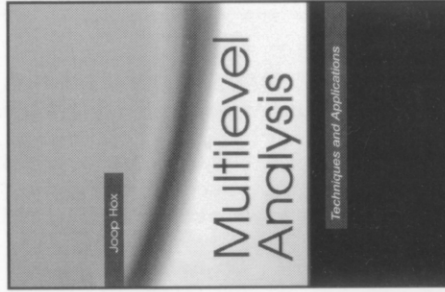
Secure online ordering:
To receive a 15% discount, visit the LEA Web site: www.erlbaum.com

Please refer to **SOURCE CODE 373** when ordering.

Lawrence Erlbaum Associates, Inc.

10 Industrial Avenue, Mahwah, New Jersey 07430-2262
www.erlbaum.com

Presorted Standard
U.S. Postage
PAID
Lawrence Erlbaum
Associates, Inc.



60-Day Examination
Copies Available
See inside for details...

Source Code 373
373EC-20-80-50
Lont & Overkamp

P

Joop Hox

Multilevel Analysis

Techniques and Applications

60-Day Examination Copies Available