Multilevel Modeling of Categorical Outcomes Using IBM SPSS (Quantitative Methodology Series)

Ronald H Heck, Scott Thomas, Lynn Tabata
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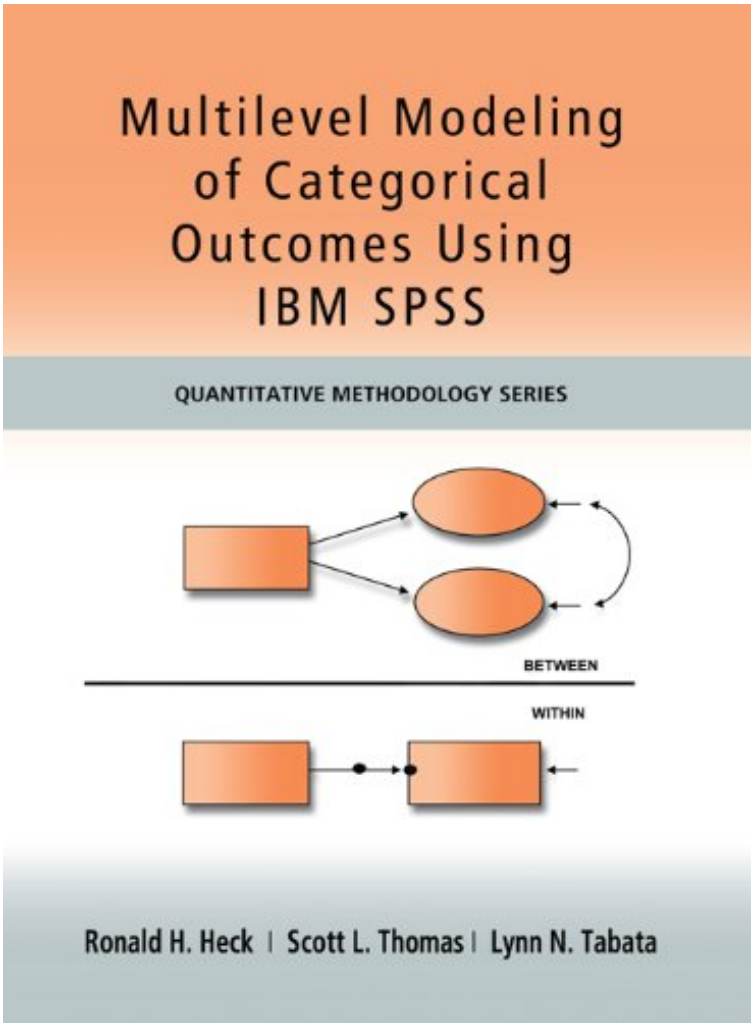

#1068744 in eBooks 2013-05-07 2013-05-07File Name: B00BNI8T60 | File size: 19.Mb

Ronald H Heck, Scott Thomas, Lynn Tabata : Multilevel Modeling of Categorical Outcomes Using IBM SPSS (Quantitative Methodology Series) before purchasing it in order to gage whether or not it would be worth my time, and all praised Multilevel Modeling of Categorical Outcomes Using IBM SPSS (Quantitative Methodology Series):

0 of 0 people found the following review helpful. Five StarsBy Youngki wooGreat!0 of 0 people found the following review helpful. Excellent tutorial and ongoing reference for understanding the complexities of ...By Joseph LovettExcellent tutorial and ongoing reference for understanding the complexities of multilevel modeling with categorical outcomes. Examples are primarily educational research in nature. It would be nice to have a wider array of examples from other research disciplines.0 of 0 people found the following review helpful. Five StarsBy Cliente helpful

This is the first workbook that introduces the multilevel approach to modeling with categorical outcomes using IBM SPSS Version 20. Readers learn how to develop, estimate, and interpret multilevel models with categorical outcomes. The authors walk readers through data management, diagnostic tools, model conceptualization, and model specification issues related to single-level and multilevel models with categorical outcomes. Screen shots clearly demonstrate techniques and navigation of the program. Modeling syntax is provided in the appendix.nbsp; Examples of various types of categorical outcomes demonstrate how to set up each model and interpret the output. Extended examples illustrate the logic of model development, interpretation of output, the context of the research questions, and the steps around which the analyses are structured. Readers can replicate examples in each chapter by using the corresponding data and syntax files available at www.psypress.com/9781848729568. The book opens with a review of multilevel with categorical outcomes, followed by a chapter on IBM SPSS data management techniques to facilitate working with multilevel and longitudinal data sets. Chapters 3 and 4 detail the basics of the single-level and multilevel generalized linear model for various types of categorical outcomes. These chapters review underlying concepts to assist with trouble-shooting common programming and modeling problems. Next population-average and unit-specific longitudinal models for investigating individual or organizational developmental processes are developed. Chapter 6 focuses on single- and multilevel models using multinomial and ordinal data followed by a chapter on models for count data. The book concludes with additional trouble shooting techniques and tips for expanding on the modeling techniques introduced.Ideal as a supplement for graduate level courses and/or professional workshops on multilevel, longitudinal, latent variable modeling, multivariate statistics, and/or advanced quantitative techniques taught in psychology, business, education, health, and sociology, this practical workbook also appeals to researchers in these fields. An excellent follow up to the authorsrsquo; highly successful Multilevel and Longitudinal Modeling with IBM SPSS and Introduction to Multilevel Modeling Techniques, 2nd Edition, this book can also be used with any multilevel and/or longitudinal book or as a stand-alone text introducing multilevel modeling with categorical outcomes.

ldquo;This text has artistically balanced ... advanced multilevel concepts and a depth and breadth of topics in a reader-friendly, accessible fashion.nbsp; ... [It] is poised to make a great splash in the methodological world. ... I have a copy of every text written by these authors and use them consistently for a number of reasons including clarity in writing, comprehensive coverage, and accuracy.nbsp; This text ... offers these same characteristics. ... Appropriate for graduate level courses ... as well as individual researchers that use multilevel modeling?regardless of discipline.rdquo; - Debbie L. Hahs-Vaughn, University of Central Florida, USA ldquo;This book is a natural extension to a well-received and highly successful previous project by the same authors. Using essentially the same strategy and approach, this book extends the coverage to advanced models and thereby moves the field even further along. I highly endorse this product." - George Marcoulides, Quantitative Methodology Series Editor, University of California, Riverside, USA ldquo;It fills a significant gap in the literature. ... I would purchase this book and recommend it to colleagues who do multilevel modeling with SPSS ... [and] to students who take my courses and workshops. ...The conceptual material is very clear.rdquo; - Jason T. Newsom, Portland State University, USA nbsp;About the AuthorRonald Heck is professor of education at the University of Hawailsquo;i at M?noa. His areas of interest include organizational theory, leadership, policy, and quantitative research methods. Scott L. Thomas is professor in the School of Educational Studies at Claremont Graduate University. His specialties include sociology of education, policy, and quantitative research methods. Lynn Tabata is an affiliate graduate faculty member and research consultant at the University of Hawailsquo;i at M?noa. Her research interests focus on faculty, distance learning, and technology issues in higher education.