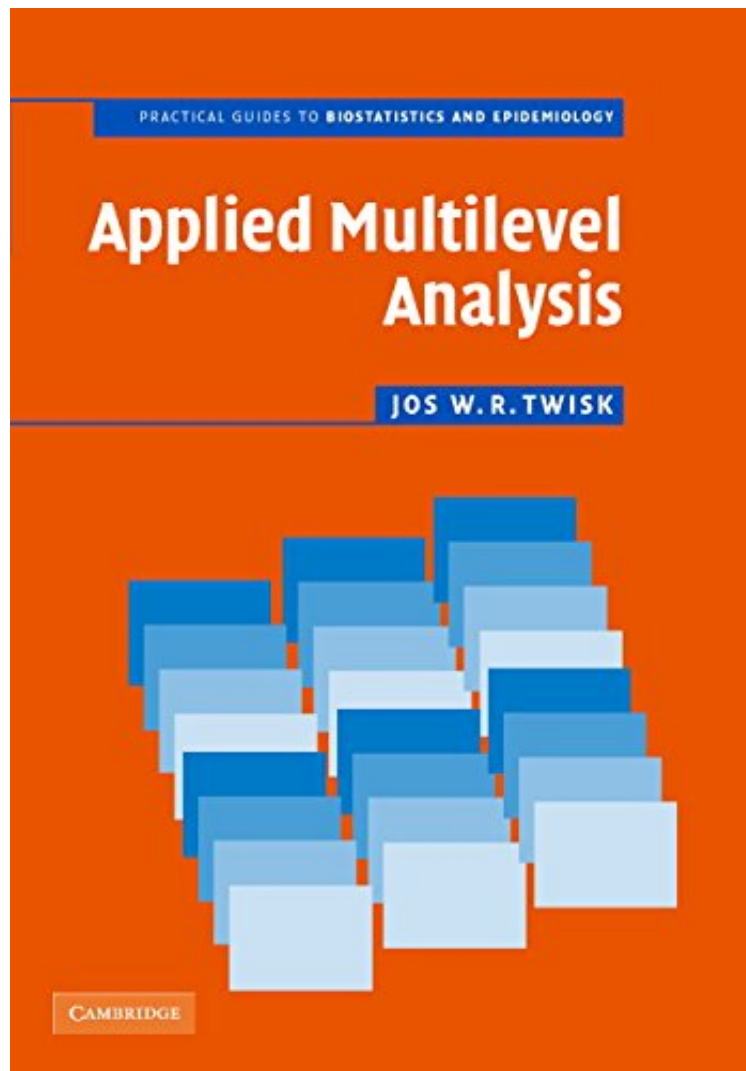


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# Applied Multilevel Analysis: A Practical Guide for Medical Researchers (Practical Guides to Biostatistics and Epidemiology)

*Jos W. R. Twisk*

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**Jos W. R. Twisk : Applied Multilevel Analysis: A Practical Guide for Medical Researchers (Practical Guides to Biostatistics and Epidemiology)** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Applied Multilevel Analysis: A Practical Guide for Medical Researchers (Practical Guides to Biostatistics and Epidemiology):

1 of 1 people found the following review helpful. Exactly what I needed By drewdog235 Great! Does not help with all different types of statistical programs, but you can figure it out if you understand your program well. Phenomenal job

of explaining the important principles behind the different techniques, how to approach using multilevel modeling for your needs. Very approachable with a basic knowledge of statistics. Understand t test and chi Square, you can understand this book. 1 of 3 people found the following review helpful. A Practical Guide By Jill E. List A good introduction to multilevel analysis that addresses the practical issues that confront researchers. 6 of 6 people found the following review helpful. Enough for you to get acquainted with these models By VSOP The book is easy to understand and presents a series of situations where multilevel models are applied, in the context of epidemiological analysis. The examples are mostly very simple, and I don't think the book will help if you want to fit models. If you want to understand them better, then it may be of use. I have some other restrictions as well - some concepts presented in chapter 2 (section 2.8.1) are in direct contradiction with MLwiN user's guide (version 2, 2005, section 7.5, p.86). My understanding is that the latter is correct. Also, a model fitted in chapter 3 with a dichotomous variable random at level 2 includes the covariance parameter, what looks wrong to me. All in all, I think there are better options for an introductory text, e. g. Snijders Bosker (1999).

This is a practical introduction to multilevel analysis suitable for all those doing research. Most books on multilevel analysis are written by statisticians, and they focus on the mathematical background. These books are difficult for non-mathematical researchers. In contrast, this volume provides an accessible account on the application of multilevel analysis in research. It addresses the practical issues that confront those undertaking research and wanting to find the correct answers to research questions. This book is written for non-mathematical researchers and it explains when and how to use multilevel analysis. Many worked examples, with computer output, are given to illustrate and explain this subject. Datasets of the examples are available on the internet, so the reader can reanalyse the data. This approach will help to bridge the conceptual and communication gap that exists between those undertaking research and statisticians.

'... a concise practical guide for non-mathematical researchers beginning to use this technique in their work.' Pradeep Malakar, Institute Food Research