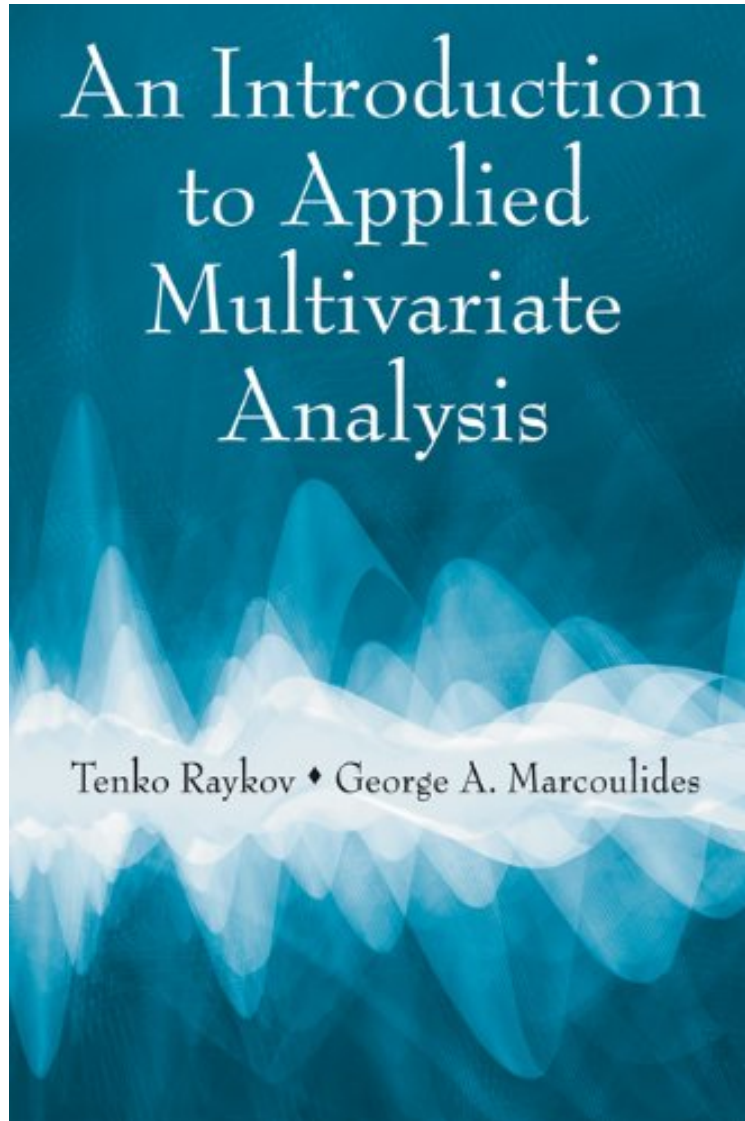


(Library ebook) An Introduction to Applied Multivariate Analysis

An Introduction to Applied Multivariate Analysis

Tenko Raykov, George A. Marcoulides
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Tenko Raykov, George A. Marcoulides : An Introduction to Applied Multivariate Analysis before purchasing it in order to gauge whether or not it would be worth my time, and all praised An Introduction to Applied Multivariate Analysis:

0 of 0 people found the following review helpful. very very good. By Potocnik, Beate I'm very satisfaction. Very very quickly, very very good. 1 of 1 people found the following review helpful. 4 stars By J. Boehm The most useful part of this book is the annotated SPSS and SAS scripts. This allows you to run the analyses, even if you don't fully understand all of the background equations (which can be somewhat overwhelming!). There is also plenty of useful help in understanding your statistical results. I also like the recommendations and cautions that the authors

include. Best for grad students or other advanced researchers.

This comprehensive text introduces readers to the most commonly used multivariate techniques at an introductory, non-technical level. By focusing on the fundamentals, readers are better prepared for more advanced applied pursuits, particularly on topics that are most critical to the behavioral, social, and educational sciences. Analogies between the already familiar univariate statistics and multivariate statistics are emphasized throughout. The authors examine in detail how each multivariate technique can be implemented using SPSS and SAS and Mplus in the book's later chapters. Important assumptions are discussed along the way along with tips for how to deal with pitfalls the reader may encounter. Mathematical formulas are used only in their definitional meaning rather than as elements of formal proofs. A book specific website - www.psypress.com/applied-multivariate-analysis - provides files with all of the data used in the text so readers can replicate the results. The Appendix explains the data files and its variables. The software code (for SAS and Mplus) and the menu option selections for SPSS are also discussed in the book. The book is distinguished by its use of latent variable modeling to address multivariate questions specific to behavioral and social scientists including missing data analysis and longitudinal data modeling. Ideal for graduate and advanced undergraduate students in the behavioral, social, and educational sciences, this book will also appeal to researchers in these disciplines who have limited familiarity with multivariate statistics. Recommended prerequisites include an introductory statistics course with exposure to regression analysis and some familiarity with SPSS and SAS.

This text is very well written and makes important connections between univariate and multivariate procedures..[it] allows readers to understand progressive developments that build on previously established foundations... [and] provides a good conceptual understanding of multivariate procedures. Tim Konold, University of Virginia, USA The writing style...is characterized by simplicity and clarity in explaining complex concepts... the main readers will be ... postgraduate students in quantitative sciences...[and] researchers in engineering, commerce, medicine, or applied science who... desperately want to get meaningful answers to statistical inference questions using their own data sets. Spiridon Penev, University of New South Wales, AustraliaI particularly enjoyed the examples...[they] clearly illustrate the points the authors were trying to convey...the chapter on ANCOVA was particularly well-written and covered the logic (which is confusing in some texts) of ANCOVA in a clear manner that was easy to follow. Douglas Steinley, University of Missouri, USA About the AuthorTenko Raykov is a Professor of Measurement and Quantitative Methods at Michigan State University. He received his Ph.D. in Mathematical Psychology from Humboldt University in Berlin. He is an editorial board member of the British Journal of Mathematical and Statistical Psychology, Multivariate Behavioral Research, Psychological Methods, and Structural Equation Modeling. George A. Marcoulides is a Professor of Research Methods and Statistics at the University of California, Riverside. He is the Editor of Structural Equation Modeling, the Quantitative Methodology Series, and an editorial board member of numerous other measurement and statistics journals.