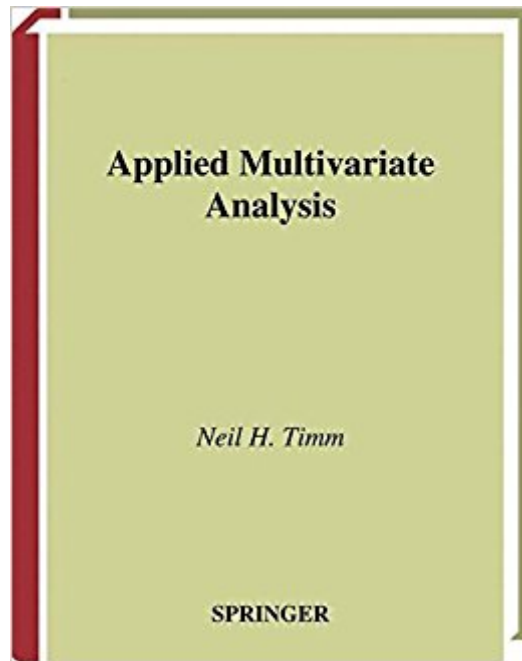




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Applied Multivariate Analysis (Springer Texts In Statistics)



Synopsis

This book provides a broad overview of the basic theory and methods of applied multivariate analysis. The presentation integrates both theory and practice including both the analysis of formal linear multivariate models and exploratory data analysis techniques. Each chapter contains the development of basic theoretical results with numerous applications illustrated using examples from the social and behavioral sciences, and other disciplines. All examples are analyzed using SAS for Windows Version 8.0.

Book Information

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From the reviews: "This book is more than an up-to-date textbook on multivariate analysis. It could enable SAS users to take full and informed advantage of the many options offered in the SAS procedures. For non-SAS users, the clear statement of the models should enable them to fit and interpret them with other software." ISI Short Book Reviews, Vol. 23/2, August 2003 "This textbook is another comprehensive work on applied multivariate analysis. Basic theory and methods are reviewed and illustrated by a number of examples and practices. The author has written a useful textbook combining most of general theory and practice of multivariate data analysis. The book is suitable to familiarize students at graduate level with main concepts and principles of multivariate analysis." (Dr. ir. M. H. J. de Bruijne, *Kwantitatieve Methoden*, Vol. 70B37, 2003) "This text is on the analysis of structured data. The author has managed to encapsulate so

much in this book by giving a clear statement of each model. This book is more than an up-to date textbook on multivariate analysis. It could enable SAS users to take full and informed advantage of the many options offered in the SAS procedures. For non-SAS users, the clear statement of the models should enable them to fit and interpret them with other software." (J. M. Juritz, Short Book Reviews, Vol. 23 (2), 2003) "I was extremely pleased to see this book arrive. For each subject, all important equations and distributional results are very clearly stated. I found this book exciting, interesting and informative. The exercises are quite well chosen. In summary, Applied Multivariate Analysis is an excellent book. If you want only one book on multivariate analysis, I would suggest this as a strong candidate. I am extremely glad that I own this book." (David E. Booth, Technometrics, Vol. 45 (2), May, 2003) "This textbook provides a broad overview of the basic theory and methods of applied multivariate analysis. The presentation integrates theory and practice including both the analysis of formal linear multivariate models and exploratory data analysis techniques. The techniques and examples discussed in the book should be helpful in the analysis of multivariate data using SAS. All programs and data sets used may be downloaded from a Web site. The book appeals to practitioners, researchers, and applied statisticians." (T. Postelnicu, Zentralblatt MATH, Vol. 1002 (2), 2003)

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Timm's textbook tries to involve a lot topics pertaining to multivariate analysis. So it is more comprehensive than Johnson and Wichern's Applied multivariate statistical analysis. Moreover, the book uses SAS program to illustrate some examples, which are available from the website of the textbook. In this way, the content of the book are actually doubled. SAS examples also help students to learn how to use SAS to solve problems. Some weaknesses includes 1). many typos are found the textbook; 2). the explanation about some fundamental theories is not as clear as that in Jonhson and Wichern's book.

This book is riddled with errors; there is seemingly a typo on every other page. Also, this book is more theoretical than applied. It should be called "Theoretical Multivariate Analysis."

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