



# Applied Multivariate Research: Design and Interpretation

By Lawrence S. Meyers, Glenn C. Gamst, Anthony J. Guarino

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This book provides full coverage of the wide range of multivariate topics that graduate students across the social and behavioral sciences encounter, using a conceptual, non-mathematical, approach. Addressing correlation, multiple regression, exploratory factor analysis, MANOVA, path analysis, and structural equation modeling, it is geared toward the needs, level of sophistication, and interest in multivariate methodology that serves students in applied programs in the social and behavioral sciences. Readers are encouraged to focus on design and interpretation rather than the intricacies of specific computations.

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**Applied Multivariate Research: Design and Interpretation By Lawrence S. Meyers, Glenn C. Gamst, Anthony J. Guarino Bibliography**

- Sales Rank: #640443 in Books
- Brand: Brand: SAGE Publications, Inc
- Published on: 2012-08-17
- Format: Lay Flat
- Original language: English
- Number of items: 1
- Dimensions: 2.20" h x 7.70" w x 9.20" l, 4.25 pounds
- Binding: Hardcover
- 1104 pages



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## **Editorial Review**

### **Review**

For me the comprehensive nature of the text is most important – even when I don't cover topics in class students gain value by being able to read about cluster analysis or ROC analysis in enough detail that they can conduct their own analyses. Students appreciate the integration with SPSS. There is an appropriate balance of “practice” and background so that students learn what they need to know about the techniques but also learn how to implement and interpret the analysis. (E. Kevin Kelloway, Saint Mary's University)

The key strengths are its clearly written explanations of OLS regression and logistic regression as well as its treatment of path analysis. (Andrew Jorgenson, University of Utah)

The comprehensive nature of the topics presented and the numerous figures and charts. (Marie Kraska, Ph.D., Auburn University 2012-06-01)

Organization is excellent. (Thomas J. Keil, Arizona State University)

Well written and accessible. I find the additional readings at the end of the chapters to be valuable and have tracked down several of the sources for my own personal use. (Glenn J. Hansen, University of Oklahoma)

My students think the book is well written and the language is easy for them to understand (Xiaofen Deng Keating, The University of Texas at Austin)

### **About the Author**

**Lawrence S. Meyers** earned his doctorate in experimental psychology and has been a Professor in the Psychology Department at California State University, Sacramento, for a number of years. He supervises research students and teaches research design courses as well as history of psychology at both the undergraduate and graduate levels. His areas of expertise include test development and validation.

**Glenn Gamst** is Professor and Chair of the Psychology Department at the University of La Verne, where he teaches the doctoral advanced statistics sequence. His research interests include the effects of multicultural variables on clinical outcome. Additional research interests focus on conversation memory and discourse processing. He received his PhD in experimental psychology from the University of Arkansas.

**A. J. Guarino** is a professor of biostatistics at Massachusetts General Hospital, Institute of Health Professions. He is the statistician on numerous National Institutes of Health grants and a reviewer on several research journals. He received his BA from the University of California, Berkeley, and a PhD in statistics and research methodologies from the Department of Educational Psychology, the University of Southern California.

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**Tara Wilson:**

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Applied Multivariate Research: Design and Interpretation can be one of your beginner books that are good idea. All of us recommend that straight away because this book has good vocabulary that will increase your knowledge in terminology, easy to understand, bit entertaining but nonetheless delivering the information. The author giving his/her effort that will put every word into satisfaction arrangement in writing Applied Multivariate Research: Design and Interpretation but doesn't forget the main level, giving the reader the hottest as well as based confirm resource facts that maybe you can be certainly one of it. This great information may drawn you into completely new stage of crucial pondering.

**Carmen Russell:**

In this era which is the greater man or who has ability to do something more are more special than other. Do you want to become one of it? It is just simple approach to have that. What you must do is just spending your time not very much but quite enough to enjoy a look at some books. One of several books in the top listing in your reading list is definitely Applied Multivariate Research: Design and Interpretation. This book which can be qualified as The Hungry Mountains can get you closer in turning into precious person. By looking upward and review this book you can get many advantages.

**Linda Young:**

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