



Common Statistical Methods for Clinical Research with SAS Examples, Third Edition

By Glenn A. Walker, Jack Shostak

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Glenn Walker and Jack Shostak's *Common Statistical Methods for Clinical Research with SAS Examples, Third Edition*, is a thoroughly updated edition of the popular introductory statistics book for clinical researchers. This new edition has been extensively updated to include the use of ODS graphics in numerous examples as well as a new emphasis on PROC MIXED. Straightforward and easy to use as either a text or a reference, the book is full of practical examples from clinical research to illustrate both statistical and SAS methodology. Each example is worked out completely, step by step, from the raw data.

Common Statistical Methods for Clinical Research with SAS Examples, Third Edition, is an applications book with minimal theory. Each section begins with an overview helpful to nonstatisticians and then drills down into details that will be valuable to statistical analysts and programmers. Further details, as well as bonus information and a guide to further reading, are presented in the extensive appendices. This text is a one-source guide for statisticians that documents the use of the tests used most often in clinical research, with assumptions, details, and some tricks--all in one place.

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- Sales Rank: #871223 in Books
- Brand: Brand: SAS Institute
- Published on: 2010-02-15
- Released on: 2010-02-15
- Original language: English
- Number of items: 1
- Dimensions: 11.00" h x 1.25" w x 8.25" l, 2.70 pounds
- Binding: Paperback
- 552 pages

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Review

A great introduction to both statistics and SAS and particularly how SAS is used for biostatistics and clinical trials. --Michael R. Chernick Ph.D., Director of Biostatistical Services, Lankenau Institute for Medical Research

From t-tests to logistic regression, this book covers it all. --Kimberly Nguyen, MS, MPH, Epidemiologist, Connecticut Department of Public Health

Offers an excellent statistics tutorial to experienced Base SAS users who want to learn which SAS/STAT procedure is the most appropriate for their data. --Karol Katz, M.S., Programmer Analyst, Department of Pediatrics, Yale University School of Medicine

About the Author

Glenn Walker has been providing statistical consulting services to the biopharmaceutical industry since 1977. He received his Ph.D. in statistics from the University of Florida where, as a graduate student, he taught courses in statistics and how to use SAS software. He has worked as a consultant to numerous pharmaceutical and biotechnology companies in study design, data analysis, and statistical programming in the field of clinical trials. In this book, Glenn draws on his extensive experience with the statistical handling of data from various types of medical conditions and treatments to illustrate commonly used statistical methods.

Jack Shostak, Associate Director of Statistics, manages a group of statistical programmers at the Duke Clinical Research Institute. A SAS user since 1985, he is the author of SAS Programming in the Pharmaceutical Industry, and coauthor of Common Statistical Methods for Clinical Research with SAS Examples, Third Edition, as well as Implementing CDISC Using SAS: An End-to-End Guide. Shostak has published papers for the Pharmaceutical SAS Users Group (PharmaSUG) and the NorthEast SAS Users Group (NESUG), and he contributed a chapter, "Reporting and SAS Tool Selection," in the book Reporting from the Field. He is active in the Clinical Data Interchange Standards Consortium (CDISC) community, contributing to the development of Analysis Data Model (ADaM), and he serves as an ADaM trainer for CDISC. Shostak received an MBA from James Madison University and a BS in statistics from Virginia Polytechnic Institute and State University.

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