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

Glenn A. Walker, Jack Shostak
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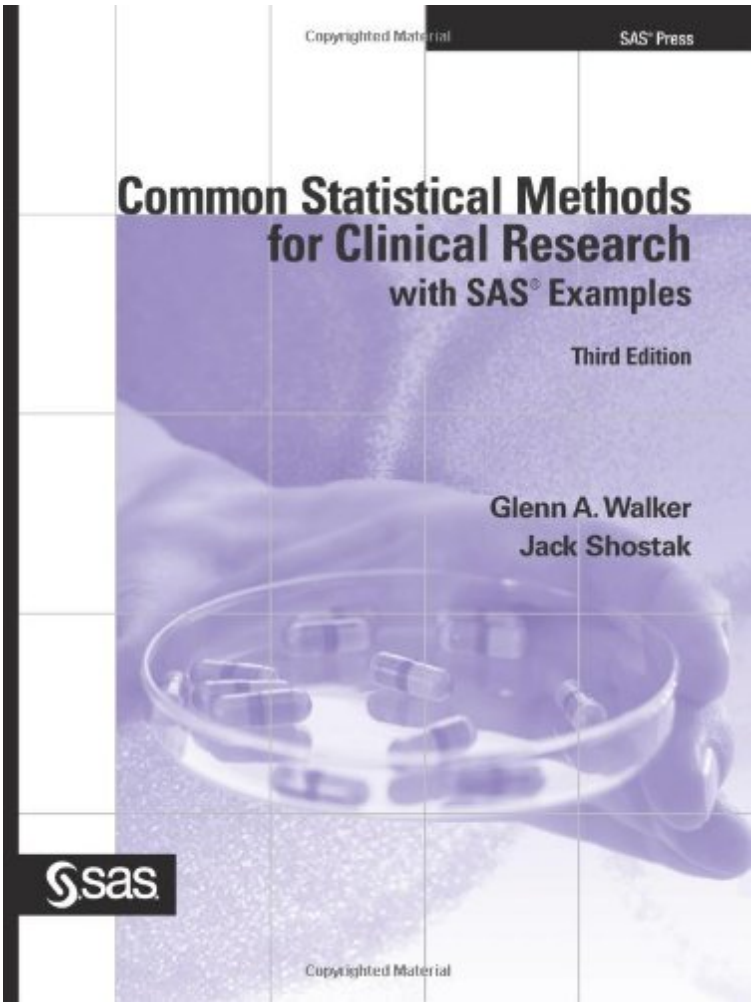

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Glenn A. Walker, Jack Shostak : Common Statistical Methods for Clinical Research with SAS Examples, Third Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised Common Statistical Methods for Clinical Research with SAS Examples, Third Edition:

0 of 0 people found the following review helpful. Five StarsBy Luming.WuVery nice one14 of 14 people found the following review helpful. The perfect place to startBy I Teach TypingThe 3rd edition of this book is as excellent as the first two. It covers the same core set of common analyses as the second edition but this one adds in more graphics, better coverage of repeated measures, it uses mixed effects models instead of older repeated measures ANOVA methods(don't worry if you don't know what that means), there is a bit about power calculations and throughout the

book the code has been updated with modern syntax and new language features. The information on the new diagnostics associated with many of the old procedures is extremely valuable.I highly recommend this for students or doctors who want to get their hands into the guts of SAS analysis code. What it lacks in statistical rigor and proofs it more than makes up for with easy to read instruction and well annotated code examples.*** My review of the 2nd edition ***I have been teaching biostatistics and data management for many years and on the first day of the year I always tell incoming MDs, masters and PhD level students who are not mathematicians to go out immediately and get this book. When they graduate, they frequently spontaneously tell me that it was excellent advice and they tell me the book "saved" them either in class or on their projects. I have never heard a complaint about this book and that is REALLY unusual with a statistics book.Walker writes short chapters centered around common statistical methods. He gives a clean paragraph or two saying why you would use a statistic. Then he writes-up a little math, with the algebra usually worked out. After that the vast majority of the chapters are completed examples with datasets, code and output. The code and output are annotated with notes and numbered labels so you can quickly figure out what each part of the output and code means (in clear English).If you get stuck in an overly theoretical statistics class get this book and you will be able to actually do the work you need for biostatistics projects that use SAS.

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. This book is part of the SAS Press program.

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 ResearchFrom t-tests to logistic regression, this book covers it all. --Kimberly Nguyen, MS, MPH, Epidemiologist,Connecticut Department of Public HealthOffers 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 MedicineAbout the AuthorGlenn 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.