Using and Understanding Medical Statistics

David E. Matthews, Vernon T. Farewell
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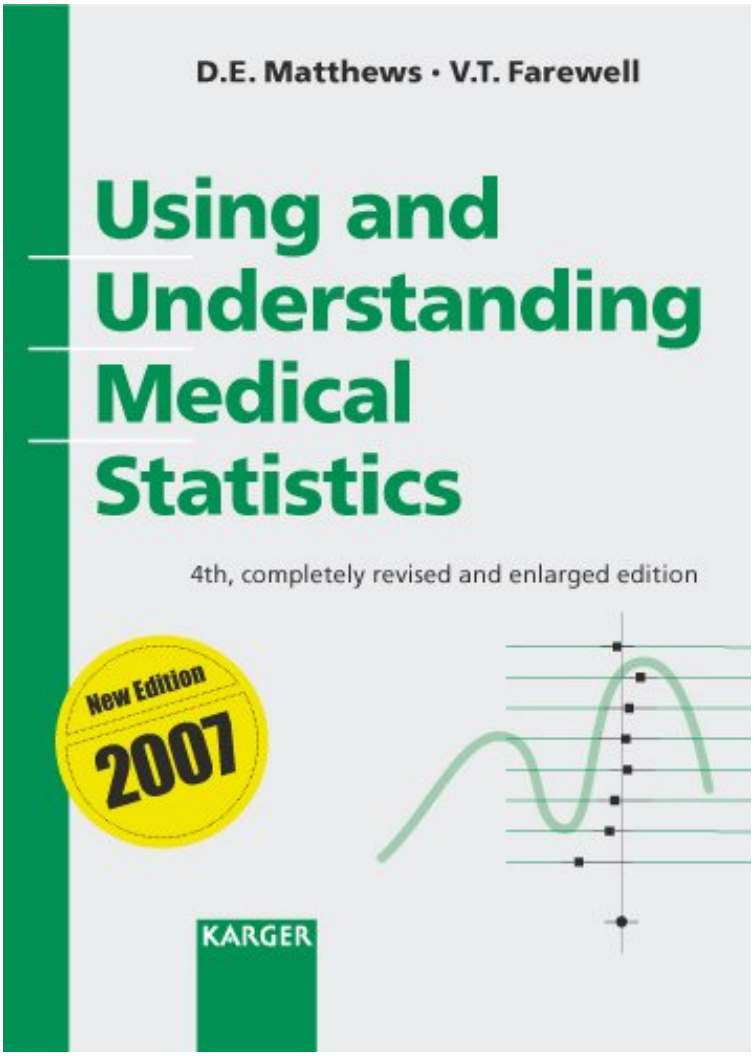

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David E. Matthews, Vernon T. Farewell : Using and Understanding Medical Statistics before purchasing it in order to gage whether or not it would be worth my time, and all praised Using and Understanding Medical Statistics:

3 of 3 people found the following review helpful. The "Gold Standard"By Prime buyerI have had the first edition of this book for decades. It has been a trusty reference for me, a practicing clinician with a need for statistics for clinical research. This "bible" gives a clearly understandable overview of common statistical approaches to clinical problems. It has proven an invaluable adjunct to computerized statistical packages: the book tells me the "why" in selecting a statistical method, while the software will do the "how." Without the book, it would be too easy to perform calculations that are inappropriate or have no relevance to the problem at hand.This new addition is a welcome update, with new sections on ROC analysis and other topics.8 of 9 people found the following review helpful. Intermediate

Level Medical StatisticsBy Daniel AlbertWant to get beyond primers and introductory texts but lack the background and expertise for the advanced texts. Here is a truly intermediate text which covers a broad range of topics and permits the reader to advance to the next level. This book is chock full of insights without getting mired down in technical detail and nomenclature. It delves just deep enough to give the arguments a foundation and extends them up to the point of clarity without undue complexity. It can be read by anyone with a basic understanding and is a good text for epidemiologically oriented medical scientists. I wish that it was paired with an advanced text that explored each one of the topics in more depth since many of the techniques are not described in enough detail to perform the analysis without refering to other source material. Some greater attention could also be given to the well established statistical software packages such as SAS, SPSS, and STATA. It does repeatedly make the valuable point that if you proceed through an analysis without professional biostatistical consultation you are likely to be short changing your study or even commiting errors. Take heed. It is important to know enough biostatistics to understand the techniques but in almost all cases it is better to work with a professional biostatician than to go it alone. I only wish that there were more medically savvy biostaticians like Matthews and Farewell.

Univ. of Waterloo, Canada. Presents many of the more complex statistical methods and techniques currently appearing in medical publications. This edition features new chapters on Poisson regression, the analysis of variance, meta-analysis, diagnostic tests, and more. For clinicians. Previous edition: c1996. Expanded-outline format. DNLM: Biometry-methods.