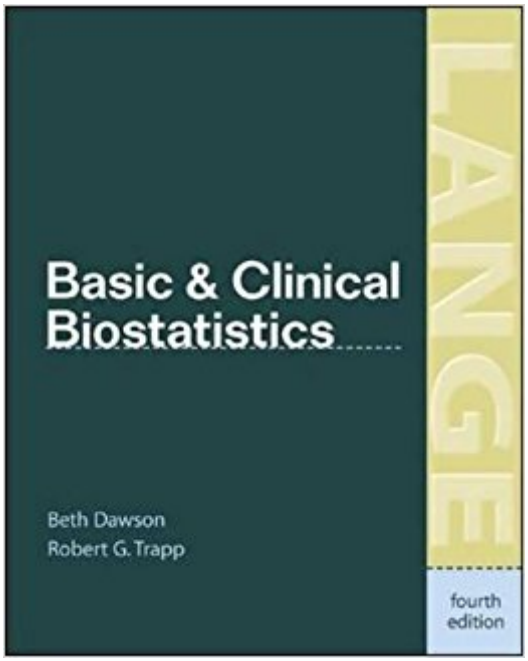
Basic & Clinical Biostatistics (LANGE Basic Science)



Synopsis

A Doody’s Core Title for 2017!A comprehensive user-friendly introduction to biostatistics and epidemiology applied to medicine, clinical practice, and research. Features Ã¢â ¬Å“Presenting ProblemsÃ¢â ¬Â• (case studies) drawn from studies published in the medical literature, end-of-chapter, and a CD-ROM with data sets and statistical software programs.

Book Information

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Customer Reviews

"This is a well-written, well-presented biostatistics book for health researchers. The back of the cover page has a navigation figure that relates the chapters to specific analytic questions. The book has good examples from health sciences and is comparable to other books in this field." --This text refers to an out of print or unavailable edition of this title.

The ideal way to develop sound judgment about data applicable to clinical care. *First choice of students, educators, and practitioners *A thorough, meaningful, and interesting presentation of biostatistics *Helps students become informed users and consumers of biostatistics " ... Readers may ’learn’ and then ’do’ immediately ... I learned a lot from this book." Ã¢â ¬â ¢Online review of the Third Edition Learn to evaluate and apply statistics in medicine, medical research, and all health-related fields. *Emphasis on the basics of biostatistics and epidemiology and the clinical applications in evidence-based medicine and decision-making methods *NEW chapter on survey

research *Expanded discussion of logistic regression, the Cox model, and other multivariate statistical methods *Key Concepts in each chapter pinpoint essential information *Presenting Problems drawn from studies in the medical literature that illustrate the various statistical methods *CD-ROM with NCSS statistical software, procedures, and data sets from the presenting problems *End-of-chapter exercises *Multiple-choice final practice exam

This book was used in my grad level intro biostatistics course some months ago- for an intro course (or at least for my learning style) it just didn't work and I had to find alternate resources for almost everything I was studying. (Note that I heard the same or similar from a few of the other students in my class in informal conversation).I think they were trying to be innovative with how they arranged it - but, at least for me, the material didn't build logically and I kept jumping back and forth trying to figure out what was going on and build my knowledge/expertise in a logical way.Other people have pointed out the errata, which my teacher had to bring up every once in a while - for a beginner who wouldn't be able to identify them, it's not a good thing.On a plus, it's nice that it comes w/ some databases on CD you can play with. There are some good flowcharts on picking a test. And it does present good clinical context.I'll keep the book as an additional reference, but in my opinion it was not the right one to learn the basics on if you're starting at zero. From a student's perspective, wouldn't recommend it at all for a beginning class.-------A couple of years later - and a fair amount of biostats under my belt - I think I was right. It's one of my useful references now that I've learned biostats from other sources.

Very helpful textbook for medical students to resource during development of their research questions.

Pros:1. Excellent worked examples from real clinical studies.2. The explanations are very good overall.Cons:1. The software is basically useless for the text. Only a fraction of the examples are usable using the NCSS software provided, and even the datasets provided do not map to the examples in the text (at least, I couldn't get the same results, even when using Stata or R). Besides, there is no explanation on how to use NCSS and NCSS docs are pretty lame.2. If NCSS was so great, why where there so many outputs from other software packages?3. Don't ask questions in each of the chapters and not provide answers. I don't mean the problems at the end of the chapters, but the questions asked at various points within each chapter. Asking a question without giving an answer is not good for learning.Fix:1. Rewrite all the code using R. It's a free software package and

all the statistics can be done using it.2. Make sure the datasets map to the what's in the book. Otherwise, how do you know you're calculating it correctly?

This is a great book for someone who has already taken biostats and needs a handy reference book to remind them of previously learned concepts. It contains explanations that are wonderful for jogging your memory on things you already know, but the explanations are probably not good enough for people being introduced to these concepts for the first time.

Still needed to attend lesson for biostatistics !

Great basic stats book!

good book but kinda confusing for most of concepts, no solid definition very descriptive way of defining things.

A hard plus if your looking for pregrad. introductory clinical biostatistics. However I agree with other reviews that the layout or format could be arranged more powerfully, and the mechanics explained with more and better examples with a little more detail. Some of the examples in the book are excellent. I, especially, liked the Methods for Analyzing Survival. I disliked the explanations on statististical power as well as calculating sample populations necessary (n=?)to obtain clinical significance. This book is a good bone to start knawing on, however, the meat is found in other supplemental texts; therefore, reference footnotes are needed which- nowadays- should include, reference books, journals and webpages.

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