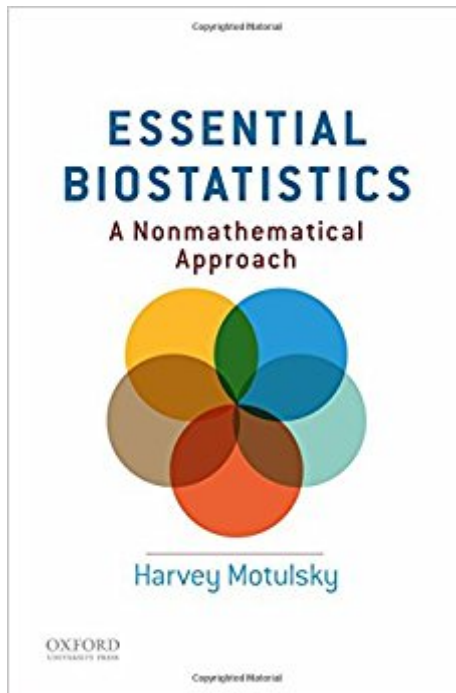




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Essential Biostatistics: A Nonmathematical Approach



Synopsis

Essential Biostatistics – teaches students how to interpret statistical results by explaining the ideas behind statistics in nonmathematical terms. Rather than replacing longer, more traditional mathematical textbooks, this text is designed to supplement them. With its engaging and conversational tone, this unique book provides a clear introduction to statistics for students in a wide range of fields, and also serves as a statistics refresher for working scientists. It is especially useful for those students in health-science related fields who have no background in biostatistics.

KEY FEATURES

- Explains the ideas of statistics without describing the mathematical underpinnings
- Designed for the many students and scientists who prefer verbal explanations over mathematical proofs
- Focuses on how to avoid falling into common conceptual traps
- Works to point out ambiguities in potentially confusing terms and phrases
- Covers a wide breadth of topics in a quick and concise manner

Book Information

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Customer Reviews

"Motulsky seems to have done the impossible, again. He has taken his already great textbook and extracted the bare-bones necessary for the reader to enjoy a lively, easy-to-read introduction to the concepts of biostatistics. In addition, Motulsky provides the reader with a discussion of common mistakes and how to avoid them. Essential Biostatistics should be required reading for all beginning biology or biostatistics students. It provides foundational material for interpreting statistical analysis."--Philip Hejduk, University of Texas at Arlington

The author does a great job

explaining WHY we use statistics rather than getting bogged down explaining HOW we calculate statistics. "I find it refreshing to step back from the calculations to see the larger context why we use statistics in science."--Dean W. Coble, Stephen F. Austin State University "I really like the clear and humorous style, the wealth of examples, and the discussions of the limits and pitfalls. This is a wonderful book."--Naji Younes, George Washington University "Essential Biostatistics distills the essence of university-level biostatistics topics in accessible, concise language that is engaging and thought-provoking. This text would be an excellent companion to a traditional biostatistics book."--Derek Webb, Bemidji State University "The author does a great job explaining why we use statistics rather than getting bogged down explaining how we calculate statistics. I find it refreshing to step back from the calculations to see the larger context of why we use statistics in science."--Dean W. Coble, Stephen F. Austin State University "I really like the clear and humorous style, the wealth of examples, and the discussions of the limits and pitfalls. This is a wonderful book."--Naji Younes, George Washington University

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This is not a work of fiction so I don't know why purchasers are asked to rate the plot! This is a wonderful book about biostatistics. While it can be a dull subject to some, Motulsky does a very nice job in keeping the explanations relative and with solid application. It covers all of the key points and does so at a very reasonable price!

Excellent general biostats book. Great approach with operational directions rather than theoretical mathematical proofs. high level of utility in creating, conducting and analyzing research projects.

Great for learning basic on statistics! Recommended.

Essential Biostatistics is another great desk reference book for anyone who uses statistics.

An easily understood and eminently sensible approach to Statistics

The author has managed to produce another brilliant conceptual book on statistics that is helpful to anyone learning statistics or making a review. It is also a great complement to those learning from more conventional textbooks. There are many insights and the coverage is excellent, including topics often left to more advanced books such as non-linear regression. However, two remarks must be made. It is not only good for biostatistics, but for statistics in general. The second is a warning. This book is a shorter version of the outstanding book "Intuitive Biostatistics" by the same author with one completely new chapter added. It is a welcome addition because its price is 25% of the longer version. It also makes the author's excellent treatment available to a wider audience. But readers of the other book will likely not need this one.

With my poor background of mathematics, I have tried learning statistics from several books, but all used to confuse me. They seldom tell "WHY" we are doing the particular statistical test, and focus on formulas. Einstein has said correctly, "If you can't explain it simply, you don't understand it well enough." In this book, Motulsky has explained the concepts in a very simple way, and I have started liking statistics. Thanks to Motulsky, I get excited reading about statistics and plotting graphs.-Apoorv, Kerala, INDIA

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