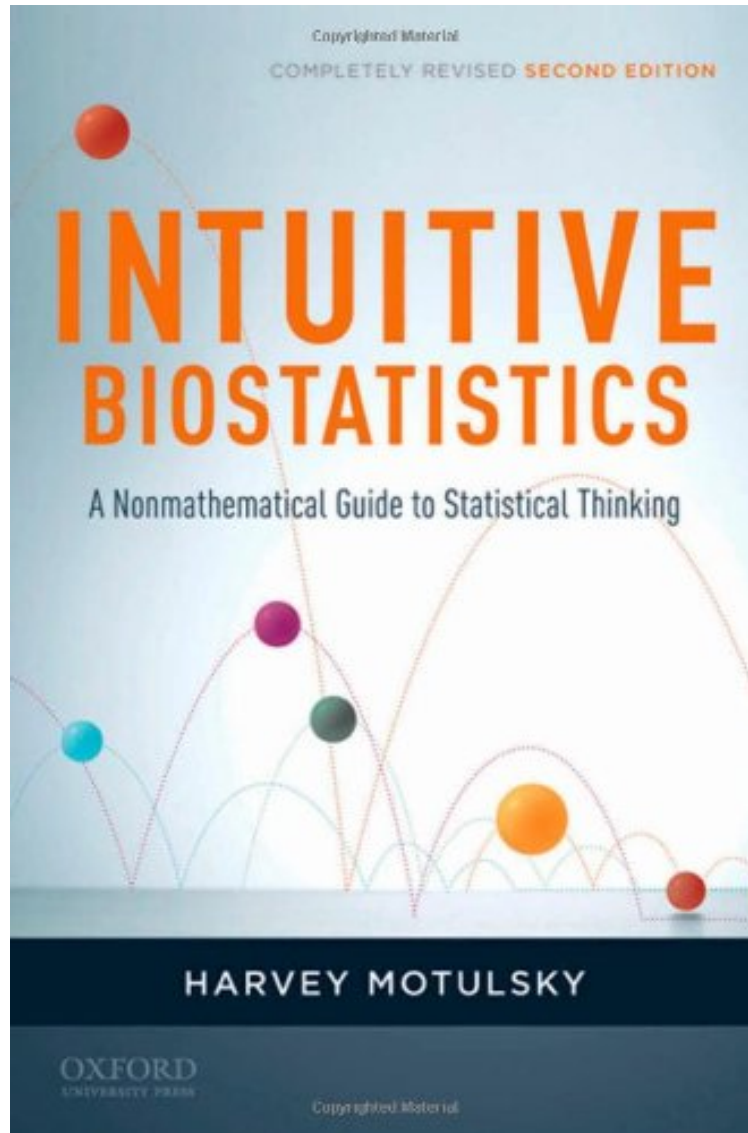


Intuitive Biostatistics: a Nonmathematical Guide to Statistical Thinking, 2nd Revised Edition

Harvey Motulsky

ebooks | Download PDF | *ePub | DOC | audiobook



[Download](#)

[Read Online](#)

#728796 in Books 2010-01-20 Ingredients: Example Ingredients Original language: English PDF # 1 6.20 x 1.00 x 9.201, 1.40 #File Name: 0199730067508 pages | File size: 69.Mb

Harvey Motulsky : Intuitive Biostatistics: a Nonmathematical Guide to Statistical Thinking, 2nd Revised Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised Intuitive Biostatistics: a Nonmathematical Guide to Statistical Thinking, 2nd Revised Edition:

5 of 5 people found the following review helpful. Intuitive Biostatistics: A Life Saver!By GarageBoyI'm a retired

cancer researcher (molecular biology) turned biomedical writer/editor. My use of statistics (and increasing ignorance thereof) was limited, because, in general, if an experiment didn't yield at least a 10x difference, we threw it out. Now I can't do my job without knowing biostatistics. Motulsky's book has been enormously helpful in teaching me the basics of biostatistics and enabling me to evaluate manuscripts for correct use of statistical terms and methods. Previously I used (and still do) Motulsky's manual for his GraphPad software, the AMA Manual online, and, of course, the internet. The only problem with the book is that a digital version isn't available. However, as the author pointed out to me, you can search the book to some extent on its .com product page. Finally, the author's immediately available via email. This is a terrific resource and value!

0 of 0 people found the following review helpful. Excellent book on biostatistics
By MedNorthwest
This is a first-rate book on biostatistics. Strongly recommended for physicians and others who read and must make sense of the biomedical literature. It should also be required reading for scientists who are publishing biomedical research, preferably early in their careers when they are still impressionable. Clearly shows the strengths and limitations of statistics in interpreting research results. Does a great job on the ever-present problem of multiple comparisons and retrospective data torture. Other texts are cookbooks which show you how to perform various statistical tests, but ultimately it is far more important to understand the rationale behind statistical methodology and to see what statistical tests can--and can't--tell us. Enforces the notion that statistical tests have assumptions and describes when these assumptions can be violated and when such violations render the tests worthless. Debunks the notion that "statistical significance" is an absolute concept and shows how p

THIS IS FOR THE 2nd EDITION. THE 3rd EDITION IS NOW AVAILABLE.

I am entranced by the book. Statistics is often difficult for many scientists to fully appreciate. Your writing style and explanation makes the concepts accessible. ---Tim Bushnell, Director of Flow Cytometry, Univ. Rochester Med. Center (added by author)"The second edition of Intuitive Biostatistics is a substantial improvement. I am particularly impressed by the chapters on multiple comparisons. This is increasingly important for such molecular trickery as gene expression chips, which produce a very large number of possible comparisons. Individual comparisons and even a Bonferroni correction are often inadequate. Motulsky deals with a newer method, false discovery rate (FDR), in a clear, understandable way. I'll be recommending the new edition with even greater enthusiasm."--James F. Crow, University of Wisconsin "This splendid book meets a major need in public health, medicine, and biomedical research training--a user-friendly biostatistics text for non-mathematicians that clearly explains how to make sense of statistical results and how to avoid being confused by statistical nonsense. You may enjoy statistics for the first time!"--Gilbert S. Omenn, Professor of Medicine, Genetics, Public Health, and Computational Medicine Bioinformatics, University of Michigan
From the Author
View the web page for this book, including errata, at intuitivebiostatistics.com