An Introduction to Biostatistics, Second Edition

Thomas Glover, Kevin Mitchell
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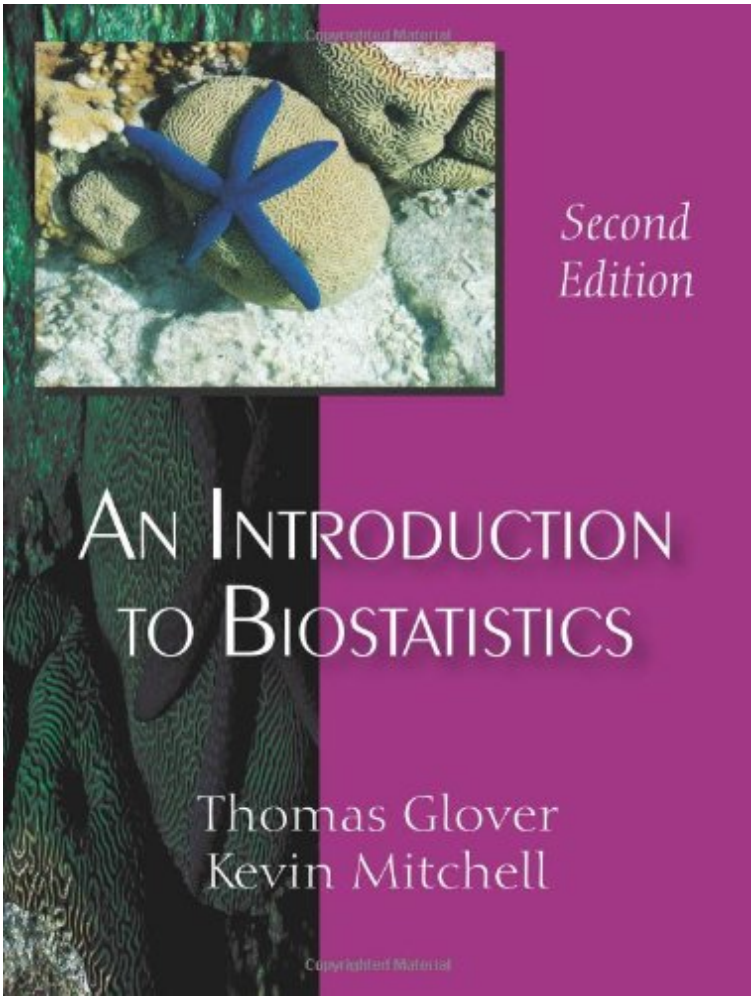

#691806 in Books Waveland Pr Inc 2008-09-30Original language:EnglishPDF # 1 1.10 x 6.90 x 9.20l, 1.78 #File Name: 1577665805504 pages | File size: 44.Mb

Thomas Glover, Kevin Mitchell : An Introduction to Biostatistics, Second Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised An Introduction to Biostatistics, Second Edition:

4 of 4 people found the following review helpful. A mediocre introduction to statisticsBy B. Mark E.My masters degree is in Applied Statistics - I've taught intro stats for several years. I'm using this book in a course I'm taking and I'm fairly disappointed (and I'm only the first chapter in).The book has frequent incorrect definitions about fundamental concepts. For example, the book defines a random variables are "...characteristics [which] vary in an unpredictable way ..." The whole idea of statistics is that random variables vary in predictable ways - they follow distributions that have probability densities, etc...Also incorrect, they lump continuous data with interval data when they are two separate ideas. Continuous data has it's 'opposite' with discrete data and interval data is paired with ratio data (the book talks about ordinal and categorical data but completely ignores ratio). Interval data can be continuous or

discrete as can ratio data.I haven't gone through most of the rest of the book but if this early on the book is making these kinds of mistakes, I can only assume the remainder of the book is also of a mediocre nature.0 of 0 people found the following review helpful. Arbitrarily Limited Device OptionsBy JamesArbitrarily limited to kindle apps and the fire tablets. Its inconvenient and lacks sensible thought. Hence it being called arbitrary.0 of 0 people found the following review helpful. Too advancedBy Shanise ClemonsThis book has very technical explanations as if for a higher level of learning than what I needed it for.

Statistical analysis has become a fundamental quantitative skill for biology students. This highly accessible and thorough introduction to the use of statistics in the biological sciences emphasizes the relationships among probability, probability distributions, and hypothesis testing. The authors highlight the expected value of various test statistics under the null and research hypotheses to develop students understanding of hypotheses-testing methodology. Because student projects often have small sample sizes, nonparametric alternatives are included with the standard parametric techniques. The examples are easy to understand and are drawn from many areas in the life sciences, including genetics, physiology, ecology, agriculture, and medicine. The end-of-chapter problems require the student to choose the appropriate analysis, inducing them to hone decision-making skills that are critical to statistical analysis. Not-for-sale instructor resource material available to college and university faculty only; contact publisher directly. Title of related interested also from Waveland Press: Hampton-Havel, Introductory Biological Statistics, Third Edition (ISBN 9781577669500).

"Complete, comprehensive, yet simple and basic. Problems are well chosen and accompanying CD is very helpful." --Will R. Getz, Fort Valley State University"We found the book to be accurate and engagingly written. Many of the exercises are accompanied by real datasets. It stood out among the other texts we considered." --Tom Short, John Carroll University"The book covers many topics in more depth and with greater clarity than the book I am presently using. I also appreciated the rich, interesting problems at the end of each chapter." --Dale Zimmerman, University of IowaFrom the Back Cover"The book is great. I appreciate the paperback format and like the randomized and extensive problem sets at the end of the chapters." -- Gregg Hartvigsen, SUNY, Geneseo