An Introduction to Biostatistics, Third Edition

Thomas Glover, Kevin Mitchell
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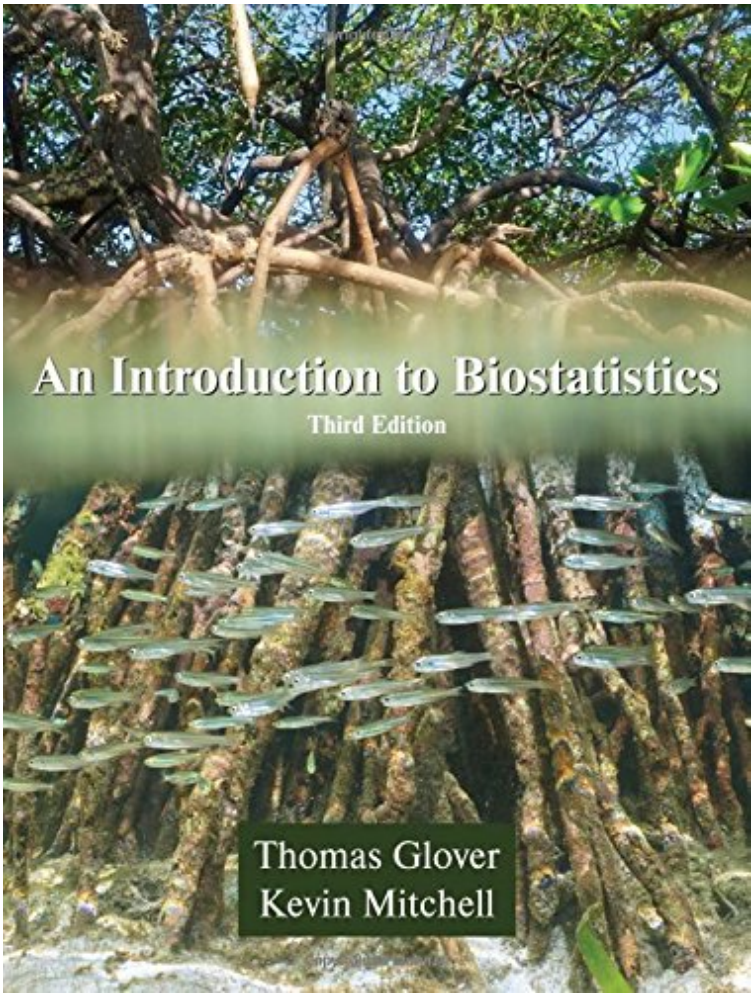

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Thomas Glover, Kevin Mitchell : An Introduction to Biostatistics, Third Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised An Introduction to Biostatistics, Third Edition:

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.

For over a decade, Glover and Mitchell have provided life-sciences students with an accessible, complete introduction to the use of statistics in their disciplines. The authors emphasize the relationships between probability, probability distributions, and hypothesis testing using both parametric and nonparametric analyses. Copious examples throughout the text apply concepts and theories to real questions faced by researchers in biology, environmental science, biochemistry, and health sciences. Dozens of examples and problems are new to the Third Edition, as are "Concept Checks" short questions that allow readers to immediately gauge their mastery of the topics presented. Regardless of mathematical background, all readers will appreciate the value of statistics as a fundamental quantitative skill for the life sciences. The authors have prepared a companion guide to using R, a free online statistical tool. The guide, as well as additional appendices and 300 additional problems to supplement the book, is available for download at no additional cost. Not-for-sale instructor resource material available to college and university faculty only; contact publisher directly. Title of related interest 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 Iowa