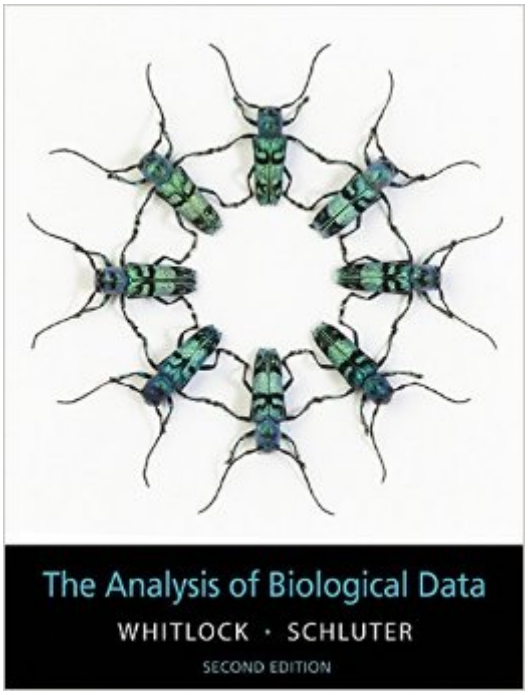
The Analysis Of Biological Data



Synopsis

Knowledge of statistics is essential in modern biology and medicine. Biologists and health professionals learn statistics best with real and interesting examples. The Analysis of Biological Data, Second Edition, by Whitlock and Schluter, teaches modern methods of statistics through the use of fascinating biological and medical cases. Readers consistently praise its clear and engaging writing and practical perspective. The second edition features over 200 new examples and problems. These include new calculation practice problems, which guide the student step by step through the methods, and a greater number of the examples and topics come from medical and human health research.Â Every chapter has been carefully edited for even greater clarity and ease of use. All the data sets, R scripts for all worked examples in the book, as well as many other teaching resources, are available to qualified instructors (see below).The Analysis of Biological Data is the most widely adopted introductory biological statistics textbook. It is now used at well over 200 schools and on every continent.

Book Information

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Average Customer Review: 4.7 out of 5 starsÂ Â See all reviewsÂ (12 customer reviews)

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Customer Reviews

This is a truly excellent introductory biostatistics text. I am using to teach physicians. It was not intended for this audience but the book is so well-written and the author’s insights are so keen that it is one of the best books available for teaching clinical researchers in my opinion. The book covers everything it needs to cover, and it is an advantage that the book does not use software because the instructor can use her software of choice. I use R, and the authors have a lot of useful R code

on their web site. I am also developing R Markdown scripts to go along with some of the book's assignments; this is in a Github project https://github.com/harrelfe/rscripts. In the future I plan to use this book to teach PhD students in the biological sciences.

Used this book for a class and enjoyed it. Found it helpful though I used supplemental instruction as well. This book does not contain any programming instruction so if you want to learn R choose a different book.

One of the best textbooks I've used. Book even has a great sense of humor as well and very clear descriptions and graphics. Examples and sample questions are written about relevant and interesting biological problems.

Chapter explanations are good and practice problems are useful, however the answer key in the back is riddled with errors and typos.

This book changed my life!

good book for my class

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