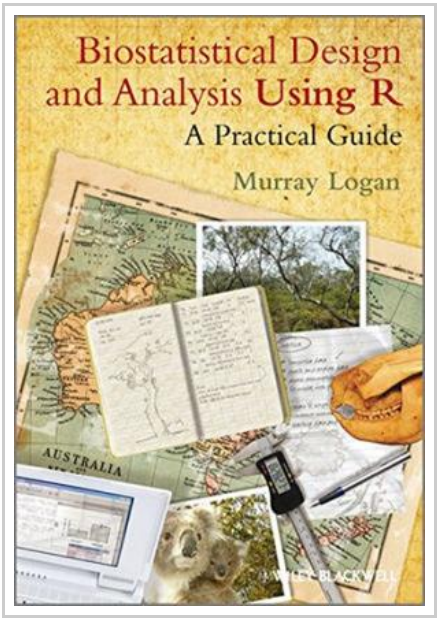

Biostatistical Design and Analysis Using R

By Murray Logan

John Wiley and Sons Ltd. Paperback. Book Condition: new. BRAND NEW, Biostatistical Design and Analysis Using R, Murray Logan, R the statistical and graphical environment is rapidlyemerging as an important set of teaching and research tools forbiologists. This book draws upon the popularity and freeavailability of R to couple the theory and practice ofbiostatistics into a single treatment, so as to provide a textbookfor biologists learning statistics, R, or both. An abridgeddescription of biostatistical principles and analysis sequence keysare combined together with worked examples of the practical use ofR into a complete practical guide to designing and analyzing realbiological research. Topics covered include: * simple hypothesis testing, graphing * exploratory data analysis and graphical summaries * regression (linear, multi and non-linear) * simple and complex ANOVA and ANCOVA designs (including nested,factorial, blocking, spit-plot and repeated measures) * frequency analysis and generalized linear models. Linear mixed effects modeling is also incorporated extensivelythroughout as an alternative to traditional modelingtechniques. The book is accompanied by a companion websitewww.wiley.com/go/logan/r with an extensive set of resourcescomprising all R scripts and data sets used in the book, additionalworked examples, the biology package, and other instructionalmaterials and links.

Reviews

This ebook is really gripping and fascinating. it had been writtern extremely perfectly and useful. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- ***Leopold Hills***

Totally among the finest publication I actually have at any time study. I am quite late in start reading this one, but better then never. I found out this publication from my dad and i suggested this pdf to discover.

-- ***Karolann Deckow IV***