Data Analysis and Graphics Using R: An Example-Based Approach (Cambridge Series in Statistical and Probabilistic Mathematics)

John Maindonald, W. John Braun
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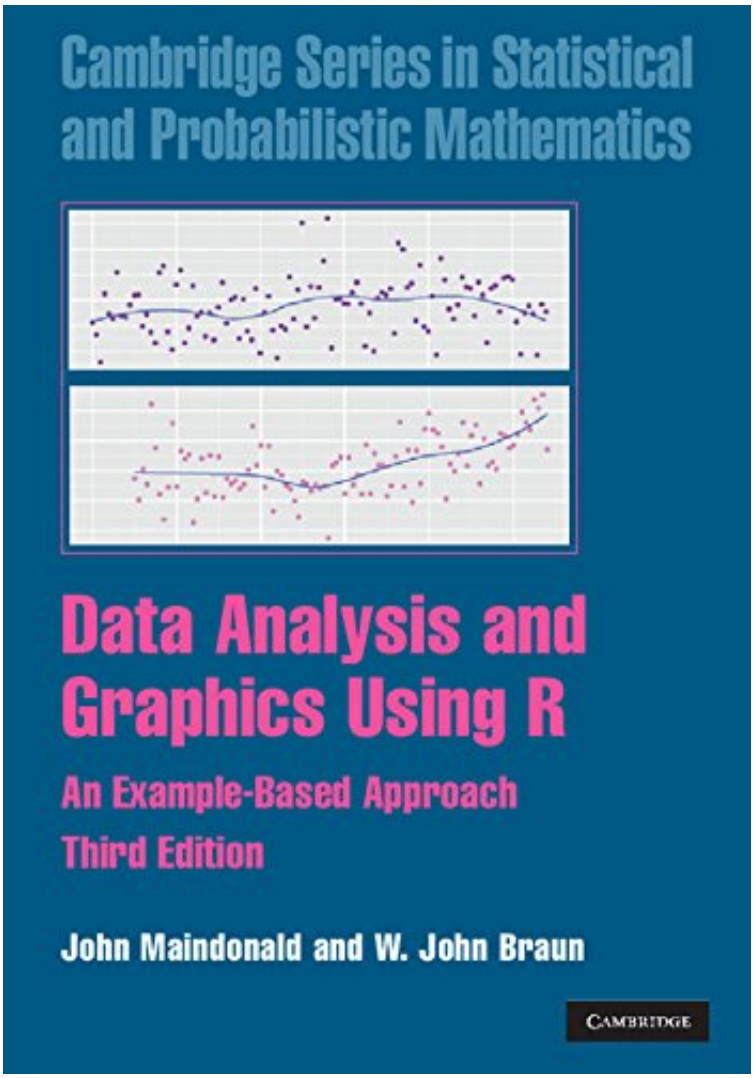

#909334 in Books Cambridge University Press 2010-06-07Original language:EnglishPDF # 1 9.72 x 1.18 x 6.85l, 2.85 #File Name: 0521762936549 pages | File size: 59.Mb

John Maindonald, W. John Braun : Data Analysis and Graphics Using R: An Example-Based Approach (Cambridge Series in Statistical and Probabilistic Mathematics) before purchasing it in order to gage whether or not it would be worth my time, and all praised Data Analysis and Graphics Using R: An Example-Based Approach (Cambridge Series in Statistical and Probabilistic Mathematics):

0 of 0 people found the following review helpful. In depths IntroBy Dirk DittmerI go back to this book again and again. I never had formal training in R or statistics. This one gives you an introduction to both. Enough depth so that

you feel confident to use R and somewhat more advanced statistical analyses in everyday science work.14 of 16 people found the following review helpful. Should have bought "The R Book" Instead....By JulieI got this book over Crawley's (The R Book) since the reviews said that this one was more organized than Crawley's.. however, even if that is true (maybe.. but Crawley's organization does not bother me), this book does not have half of what "The R Book" has, and their GLM chapter is a poor explanation of the function.I highly recommend purchasing Crawley's book over this one. This one is not horrible, but was not sufficient for me. Lucky for me I have online access to Crawley's book for free, which has saved me in some spots, along w/ the online R-help websites and list serves.This book definitely doesn't hurt to have though, but if you are looking to only buy one book, I would not rely solely on this one.4 of 6 people found the following review helpful. Could be betterBy techwriterIt seems that most introductory R books spend too much time with correlations and other modeling. I am still hoping to find an R book that deals primarily with data manipulation and descriptive graphics at an intro to intermediate level. Simply put, knowing something well and conveying it properly to your audience are often mutually exclusive.

Discover what you can do with R! Introducing the R system, covering standard regression methods, then tackling more advanced topics, this book guides users through the practical, powerful tools that the R system provides. The emphasis is on hands-on analysis, graphical display, and interpretation of data. The many worked examples, from real-world research, are accompanied by commentary on what is done and why. The companion website has code and datasets, allowing readers to reproduce all analyses, along with solutions to selected exercises and updates. Assuming basic statistical knowledge and some experience with data analysis (but not R), the book is ideal for research scientists, final-year undergraduate or graduate-level students of applied statistics, and practicing statisticians. It is both for learning and for reference. This third edition expands upon topics such as Bayesian inference for regression, errors in variables, generalized linear mixed models, and random forests.

"I would strongly recommend the book to scientists who have already had a regression or a linear models course and who wish to learn to use R. I give it a strong recommendation to the scientist or data analyst who wishes to an easy-to-read and an understandable reference on the use of R for practical data analysis." R News"The style of the book is a commendable "learn by example" - each of the many statistical techniques is centered on real-world examples. The collective of topics is eclectic and the book also comes with extensive R code." Carl James Schwarz, BiometricsAbout the AuthorJohn Maindonald is Visiting Fellow at the Mathematical Sciences Institute at the Australian National University. He has collaborated extensively with scientists in a wide range of application areas, from medicine and public health to population genetics, machine learning, economic history, and forensic linguistics.W. John Braun is Professor in the Department of Statistical and Actuarial Sciences at the University of Western Ontario. He has collaborated with biostatisticians, biologists, psychologists, and most recently has become involved with a network of forestry researchers.