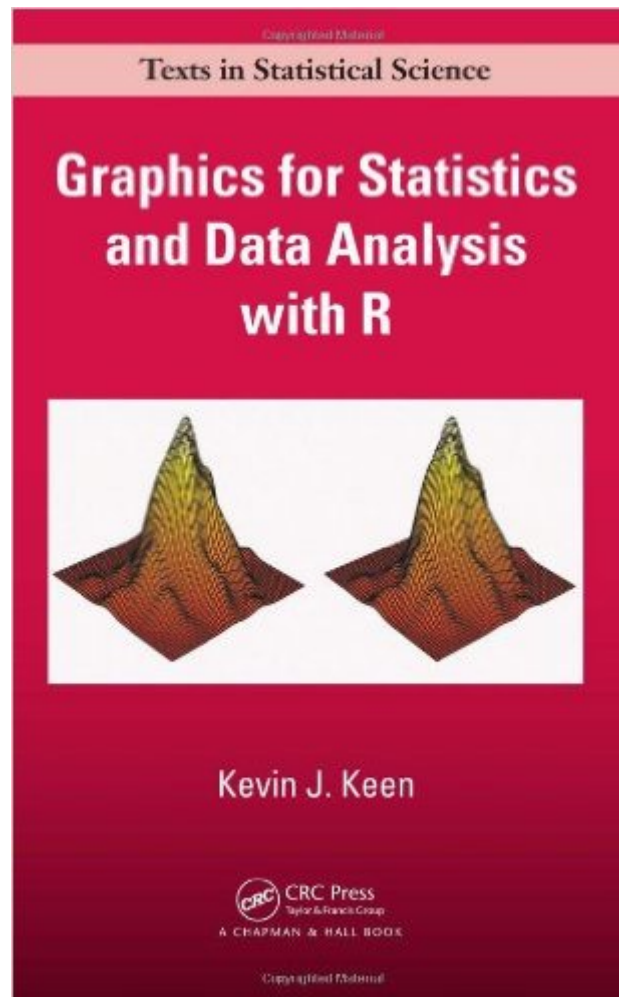


The book was found

Graphics For Statistics And Data Analysis With R (Chapman & Hall/CRC Texts In Statistical Science)



Synopsis

Graphics for Statistics and Data Analysis with R presents the basic principles of sound graphical design and applies these principles to engaging examples using the graphical functions available in R. It offers a wide array of graphical displays for the presentation of data, including modern tools for data visualization and representation. The book considers graphical displays of a single discrete variable, a single continuous variable, and then two or more of each of these. It includes displays and the R code for producing the displays for the dot chart, bar chart, pictographs, stemplot, boxplot, and variations on the quantile-quantile plot. The author discusses nonparametric and parametric density estimation, diagnostic plots for the simple linear regression model, polynomial regression, and locally weighted polynomial regression for producing a smooth curve through data on a scatterplot. The last chapter illustrates visualizing multivariate data with examples using Trellis graphics. Showing how to use graphics to display or summarize data, this text provides best practice guidelines for producing and choosing among graphical displays. It also covers the most effective graphing functions in R. R code is available for download on the book's website.

Book Information

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Customer Reviews

This book has a very thorough treatment of univariate and bivariate graphics, followed by a chapter on regression graphics and then a chapter on multivariate statistics. Does not get to the level of biplots, multi-dimensional scaling, etc. Along the way, the author also trains the reader in

fundamentals and the art of good graphics. Although written for the R user, the book can be enjoyed by a non-R user.

It was good as new book

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