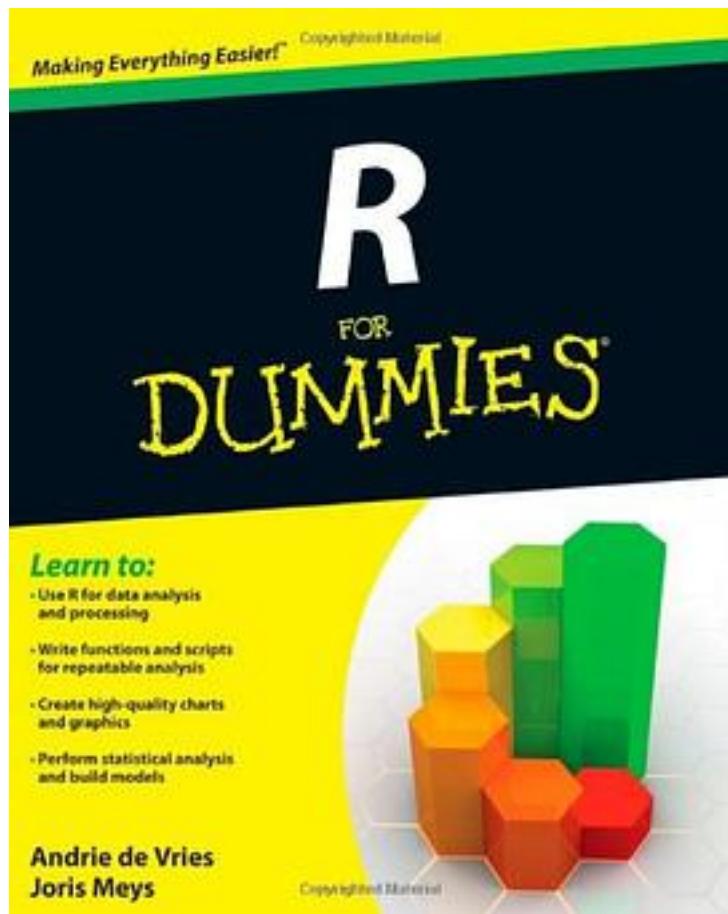


R For Dummies



[R For Dummies 下载链接1](#)

著者:Joris Meys

出版者:For Dummies

出版时间:2012-6-25

装帧:Paperback

isbn:9781119962847

Master the programming language of choice among statisticians and data analysts worldwide. Coming to grips with R can be tough, even for seasoned statisticians and data analysts. Enter R For Dummies, the quick, easy way to master all the R you'll ever need. Requiring no prior programming experience and packed with practical

examples, easy, step-by-step exercises, and sample code, this extremely accessible guide is the ideal introduction to R for complete beginners. It also covers many concepts that intermediate-level programmers will find extremely useful. Master your R ABCs get up to speed in no time with the basics, from installing and configuring R to writing simple scripts and performing simultaneous calculations on many variables Put data in its place get to know your way around lists, data frames, and other R data structures while learning to interact with other programs, such as Microsoft Excel Make data dance to your tune learn how to reshape and manipulate data, merge data sets, split and combine data, perform calculations on vectors and arrays, and much more Visualize it learn to use R's powerful data visualization features to create beautiful and informative graphical presentations of your data Get statistical find out how to do simple statistical analysis, summarize your variables, and conduct classic statistical tests, such as t-tests Expand and customize R get the lowdown on how to find, install, and make the most of add-on packages created by the global R community for a wide variety of purposes Open the book and find: Help downloading, installing, and configuring R Tips for getting data in and out of R Ways to use data frames and lists to organize data How to manipulate and process data Advice on fitting regression models and ANOVA Helpful hints for working with graphics How to code in R What R mailing lists and forums can do for you

作者介绍:

目录: Introduction 1

Part I: R You Ready? 7

Chapter 1: Introducing R: The Big Picture 9

Chapter 2: Exploring R 15

Chapter 3: The Fundamentals of R 31

Part II: Getting Down to Work in R 43

Chapter 4: Getting Started with Arithmetic 45

Chapter 5: Getting Started with Reading and Writing 71

Chapter 6: Going on a Date with R 93

Chapter 7: Working in More Dimensions 103

Part III: Coding in R 137

Chapter 8: Putting the Fun in Functions 139

Chapter 9: Controlling the Logical Flow 159

Chapter 10: Debugging Your Code 179

Chapter 11: Getting Help 193

Part IV: Making the Data Talk 203

Chapter 12: Getting Data into and out of R 205

Chapter 13: Manipulating and Processing Data 219

Chapter 14: Summarizing Data 253

Chapter 15: Testing Differences and Relations 275

Part V: Working with Graphics 299

Chapter 16: Using Base Graphics 301

Chapter 17: Creating Faceted Graphics with Lattice 317

Chapter 18: Looking At ggplot2 Graphics 333

Part VI: The Part of Tens 347

Chapter 19: Ten Things You Can Do in R That You Would've Done in Microsoft Excel 349

Chapter 20: Ten Tips on Working with Packages 359

Appendix: Installing R and RStudio 365

Index 371

· · · · · (收起)

[R For Dummies 下载链接1](#)

标签

R

数据分析

programming

计算机

英文版

学术

统计学

放下

评论

作为入门的书很不错，看完了也就入门了

由于是自学，必定盲点，有必要归零，再次出发

[R For Dummies 下载链接1](#)

书评

[R For Dummies 下载链接1](#)