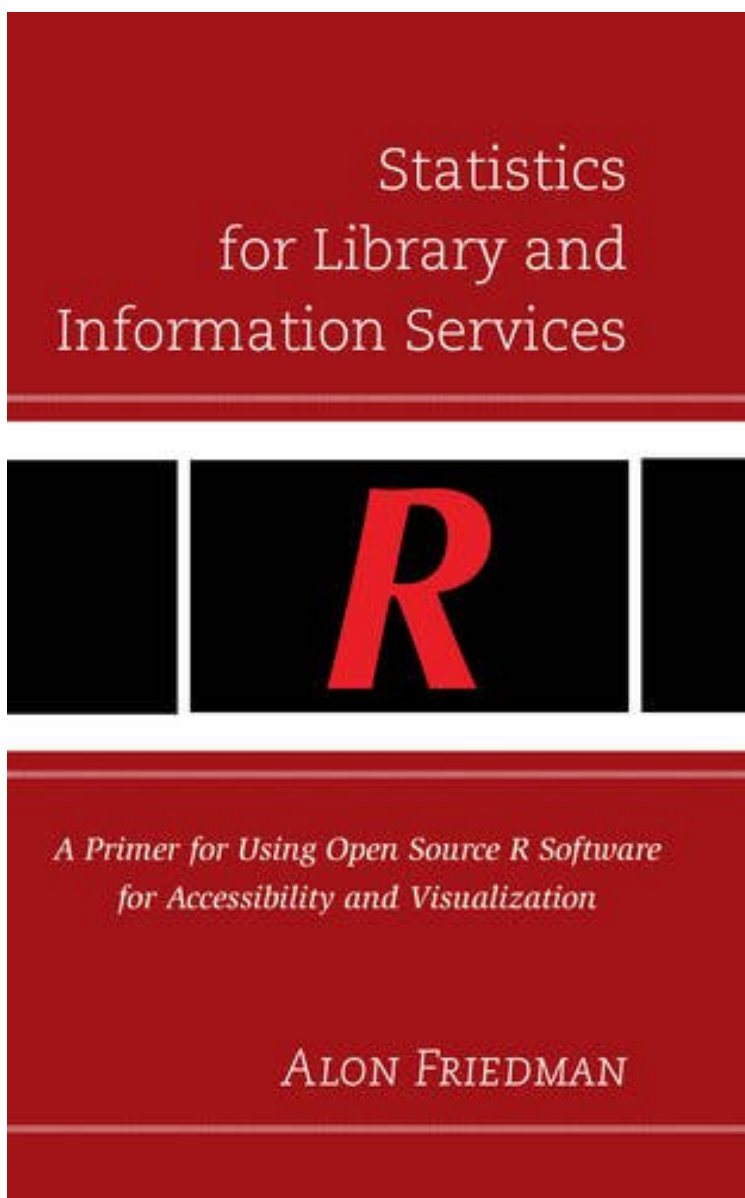



(Mobile book) Statistics for Library and Information Services: A Primer for Using Open Source R Software for Accessibility and Visualization


# Statistics for Library and Information Services: A Primer for Using Open Source R Software for Accessibility and Visualization

*Alon Friedman*

*ebooks | Download PDF | \*ePub | DOC | audiobook*



 Download

 Read Online

#2285745 in Books 2015-11-11Original language:EnglishPDF # 1 9.35 x 1.08 x 6.23l, .0 #File Name:  
1442249927376 pages | File size: 31.Mb

**Alon Friedman : Statistics for Library and Information Services: A Primer for Using Open Source R Software for Accessibility and Visualization** before purchasing it in order to gage whether or not it would be worth my time, and all praised Statistics for Library and Information Services: A Primer for Using Open Source R Software for

## Accessibility and Visualization:

0 of 0 people found the following review helpful. I really feel that the authors need to go through the book with someone new to R and watch how they work through the formulas and examples. I feel that this book is really confusing at times and does not go in-depth with explanations of terminology and examples. When calculating some of the formulas in R, there were actually some miscalculations and misprints in the book. For example, extra parentheses symbols, etc. I really feel that the authors need to go through the book with someone new to R and watch how they work through the formulas and book examples to get a better understanding on how they could improve the next edition.

Statistics for Library and Information Services, written for non-statisticians, provides logical, user-friendly, and step-by-step instructions to make statistics more accessible for students and professionals in the field of Information Science. It emphasizes concepts of statistical theory and data collection methodologies, but also extends to the topics of visualization creation and display, so that the reader will be able to better conduct statistical analysis and communicate his/her findings. The book is tailored for information science students and professionals. It has specific examples of dataset sets, scripts, design modules, data repositories, homework assignments, and a glossary lexicon that matches the field of Information Science. The textbook provides a visual road map that is customized specifically for Information Science instructors, students, and professionals regarding statistics and visualization. Each chapter in the book includes full-color illustrations on how to use R for the statistical model that particular chapter will cover. This book is arranged in 17 chapters, which are organized into five main sections: the first section introduces research design and data collection; the second section discusses basic statistical concepts, including descriptive, bivariate, time series, and regression analyses; section 3 covers the subject of visualization creation using Open Source R; section 4 covers decision making from the analysis; and the last section provides examples and references. Every chapter illustrates how to use Open Source R and features two subsections for the major ideas of the chapter: its statistical model and its visual representation. The statistical model captures the main statistical formulas/theories covered in each chapter, while the visual representation addresses the subject of the types of visualization that are produced from the statistical analysis model covered in that particular chapter. Don't miss the book's companion Web site at [www.statisticsforlis.org](http://www.statisticsforlis.org)

Dr. Friedman's book arrives at the right time as library and information professionals begin to grapple with the complexities of big data. This well-written and clearly organized primer will be a valuable addition to the LIS curriculum - it is clearly the moment for us to have a textbook that introduces statistics and an open source statistical computing language for our students and for information professionals from an insider who knows our field well. (Howard Rosenbaum, Professor of Information Science and Associate Dean for Graduate Studies, Department of Information and Library Science, Indiana University) About the Author Alon Friedman is an Assistant Professor at the School of Information at the University of South Florida. He teaches Introduction to Visualization and Big Data to undergraduate and graduate students. Previously he has taught introductory and advanced statistics undergraduate, graduate, and PhD students for 10 years across the New York City region. His research interests and expertise focus on classification and visualization using Open Source R. Alon also has worked as a web programmer in NYC and Tel Aviv.