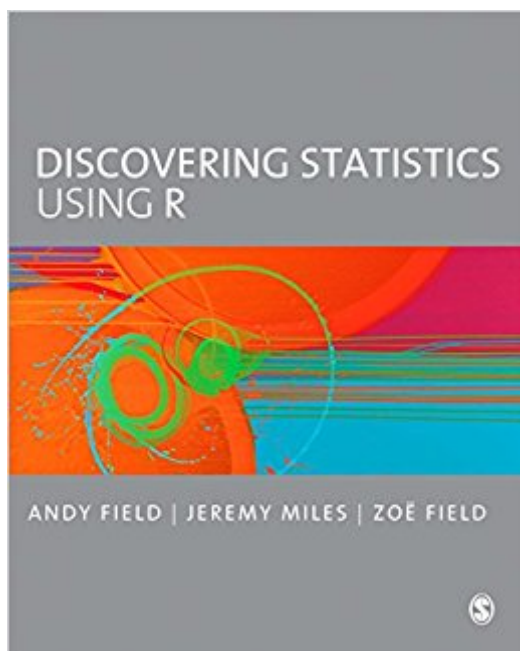The book was found

Discovering Statistics Using R

Synopsis

Lecturers - request an e-inspection copy of this text or contact your local SAGE representative to discuss your course needs.Watch Andy Field's introductory video to Discovering Statistics Using RKeeping the uniquely humorous and self-deprecating style that has made students across the world fall in love with Andy Field's books, Discovering Statistics Using R takes students on a journey of statistical discovery using R, a free, flexible and dynamically changing software tool for data analysis that is becoming increasingly popular across the social and behavioural sciences throughout the world.The journey begins by explaining basic statistical and research concepts before a guided tour of the R software environment. Next you discover the importance of exploring and graphing data, before moving onto statistical tests that are the foundations of the rest of the book (for example correlation and regression). You will then stride confidently into intermediate level analyses such as ANOVA, before ending your journey with advanced techniques such as MANOVA and multilevel models. Although there is enough theory to help you gain the necessary conceptual understanding of what you're doing, the emphasis is on applying what you learn to playful and real-world examples that should make the experience more fun than you might expect.Like its sister textbooks, Discovering Statistics Using R is written in an irreverent style and follows the same ground-breaking structure and pedagogical approach. The core material is augmented by a cast of characters to help the reader on their way, together with hundreds of examples, self-assessment tests to consolidate knowledge, and additional website material for those wanting to learn more.Given this book's accessibility, fun spirit, and use of bizarre real-world research it should be essential for anyone wanting to learn about statistics using the freely-available R software.

Book Information

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Customer Reviews

First, the content of the book is excellent. Very well written and extremely accurate from a statistical stand-point. Andy Field is an engaging writer and teacher. In fact, this book is probably one of the best basic statistics books I've seen in a very long time, which is why I am upset about the shoddy workmanship of the actual book. I removed the plastic wrapper, opened the book to the preface and noticed that the page was not attached to the binding. And it only got worse from there. If I were the author and I had spent so much time, research, and effort writing such a work as this, and then received a copy of the first run books only to have the pages fall out, I would be very upset. I would request a refund but I don't want to return the book. I would ask for a replacement but I suspect this is a common problem. My only recourse is to appeal to the masses and the publisher to correct this manufacturing flaw and send us all replacements that keep their pages where they belong; attached to the binding of the book!

This book fills a niche that very much needed to be filled. It is both a review of basic statistical concepts and directions as to how to perform the corresponding analyses/tests in R. It's light on theory of course, but supplying proofs and in-depth descriptions isn't what this book is about. Although I'm a bit rusty, I've had a great deal of graduate level statistics, none of which emphasized application. This book is an excellent guide as to how to actually apply statistics. Extremely welcome is its emphasis on underlying assumptions. In my theoretical statistics classes, the Central Limit Theorem was the answer to almost all questions involving assumptions. As the authors point out, even with a sample size that's sufficiently large, the CLT does not always guarantee normality. I also like that the authors give complete steps in each chapter. Thus the entire coding to accomplish something is present and you don't have to go looking for how to accomplish some preliminary step before you can do the current procedure. At the end of each chapter is a list of what R packages and functions have been used. The authors do include some sophomoric humor, maybe to make

this more palatable to undergraduates, but this doesn't become annoying. Finally the authors appear to like cats, a mark in their favor.

I must start by saying that this is an excellent book and one of the most approachable that I've found for teaching students new to R. This could be a five-star book if the author would consider a few things, many of which would shorten the length of the book considerably or as an even better alternative the author could place even more code and data examples in the book with the saved space:1) Ditch the discussion and elements of using R commander. This is a hold-over GUI need from the author's last book on SPSS. Learning R well means getting into the code and the command line and staying there. GUI based add -on's like R commander just get in the way and you cannot even run all of the available stats in it anyway. Users are buying this book to learn the code, so teach them the code only!2) Dispense with the witty banter. The author clearly has a sense of humor and likes it, but there are needles pages in the book, essentially the start of each chapter, that are just silly asides that serve no purpose and take up a LOT of space. The humorous examples for many of the datasets are great and a welcome change to a stuffy stats book but the excessive chatter and jokes end up taking up more space that could be used for more practical examples or hints for the new R user. I also found these witty asides distracting once I was knee-deep in the methods of running a test.3) Dispense with the repetitive instructions and inefficient methods. Do we really need to see the code for loading a new data set over and over? Does that data set really need to be a .dat file? It would be better if the author would stick with conventional excel files (.csv) that most people are commonly going to use. Provide an early chapter for getting data into R and move on already!If you are coming at this topic from the life sciences (biological, ecological etc.) the author tends to favor planned contrasts a lot more than post hoc multiple comparisons which are much more common in these sciences. I would strongly recommend that you buy this book, but find a good bio stats book to read in tandem so you can get your head around more biological examples.

This is the book you want if you are self-learning statistics, Andy Field is the teacher you want, and finally, R is the software you want. I had started learning with the first book of the series (Discovering statistics using SPSS), and just couldn't do without this book after switching to R. It definitely makes a good life-long statistics companion for any researcher, as intended by the author.

Great book, but the book was missing the front cover slip and the hardcover portion wasn't fully

attached to the book. I love how the author writes as if he was right in front of you. A little of humor goes a long way when talking about a mundane topic such as statistics. This book is my 5th book to my collections of how to use R. The only reason why I ordered the hardcover was because I had to replace the paperback which I got from a different site as the pages were falling out.

It is a very well written in a plain language without using any statistical jargon, but the quality of the book seems to be lacking. The pages started to fall off within 2 days of reading. I requested to replace the book with the new one.

The book contents are very good, but the quality of the book is poor. I ordered one paperback and the pages were falling of the book in one month of use. I returned the book and the second book that I have received has the same problem. The page were falling of again. I'm very careful using the book, and it look like new. I believe it happened because of the poor quality.I recommend buy the hard cover. I'm very frustrated about that. I have attached 2 pics (1st book and the 2nd book).

If you are pressed for time, the author's personal stories get in the way of actually trying to understand the material.

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