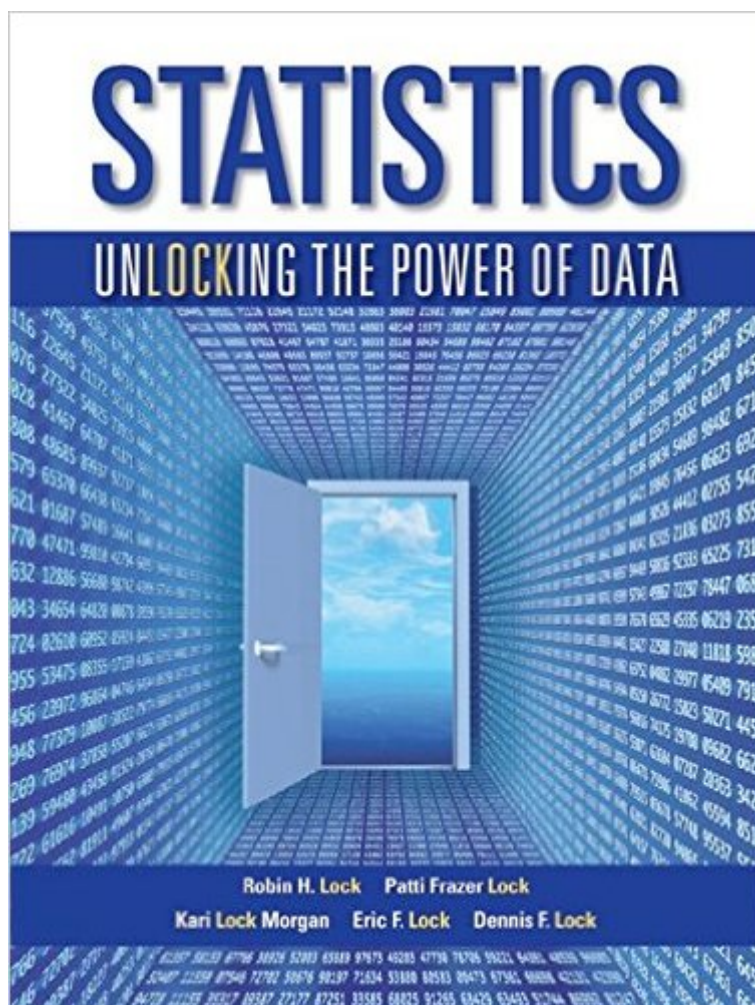


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# Statistics: Unlocking The Power Of Data



## Synopsis

This 1st edition of Statistics moves the curriculum in innovative ways while still looking relatively familiar. Statistics, 1e utilizes intuitive methods to introduce the fundamental idea of statistical inference. These intuitive methods are enabled through statistical software and are accessible at very early stages of a course. The text also includes the more traditional methods such as t-tests, chi-square tests, etc., but only after students have developed a strong intuitive understanding of inference through randomization methods. The text is designed for use in a one-semester introductory statistics course. The focus throughout is on data analysis and the primary goal is to enable students to effectively collect data, analyze data, and interpret conclusions drawn from data. The text is driven by real data and real applications. Students completing the course should be able to accurately interpret statistical results and to analyze straightforward data sets.

## Book Information

Series: Statistics Unlocking The Power Of Data

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## Customer Reviews

This textbook has a very different approach, less emphasis on computation and more on understanding the concepts and implications. Students find the examples engaging and interesting, and really love Statkey. I think the ideas of bootstrapping are really becoming very important in the field of statistics and it's great that this book introduces students to the techniques being used and developed NOW instead of sticking to the ideas from half a century ago. Ignore the other reviewer -- yes, this textbook costs more than \$100 ... so do many other commonly used statistics textbooks, some of which aren't even HALF as good!

The text thus far appears to be cogent and well-written. My chief concern is that the Kindle version is less than optimal - you can't resize text, and you can't view it in the Kindle cloud reader at all! Caveat emptor.

If you need this textbook, hope that your professor does a good job explaining the concepts because the book doesn't do a great job. There is some online content that was mandatory as well, if you're renting or buying this used be warned there will be an additional \$98 to unlock the online portion (which consisted of nearly all my homework and quizzes)

I like the book very much because it is very clear. It has many examples of data. The organization where it jumps directly into application of statistics is very good specially social science and liberal art students. It can be very verbose at times. It would be helpful if it presented more outputs directly from the computer tools it recommends. It also would be helpful if it recommended more computer/calculator tools with advantages and disadvantages.

I use this to teach a stats methods course for environmental studies undergrads and have had great success with it so far. I used to really not look forward to teaching this course. I would struggle with presenting a lot of stats methods in a way the students could easily understand and incorporate into their own projects and ideas. But this has revolutionized my feelings about teaching the course! I love it now! Self-professed "math haters" and the like have surprised themselves at how they really can get a handle on statistics. I believe it's due to the different approach the authors take. The accompanying online tool is AMAZING. I have students forego buying a stat calculator and teach the course in a computer lab using this online tool/calculator. The authors and publisher are extremely supportive and have directly answered all questions I have had along the way. There is also a large quantity of supporting material for instructors. The comments about it not incorporating a new approach should just be ignored. IMO sounds like a disgruntled undergrad who didn't get the grade they believed they were entitled to trying to take out their frustrations. I've been teaching statistics to undergraduates for a decade and have taken multiple courses in my own educational career. And yes, the authors take a new approach. Ask any statistician about bootstrapping and you'll find confirmation of this. I find the complaint was about the cost of the text to be unmerited. It's a standard price for a college text at first edition. I also find the complaint about the quality of the text odd. My copy is perfectly well bound and looks like new after a year+ of use. The text covers a

variety of topics so would be well-suited for any stats methods in the social sciences as well. My own understanding of stats has increased by using this text - I wish this approach was used when I took stats in college.

This book is the Worst Piece of S\*\*\* textbook ever written. The examples given are not very helpful, the textbook work itself is often unclear. The answers in the back of the book, don't explain how an answer is reached. I pity anyone who is forced to use this book.

I bought this book for an introductory statistics class. I have found the e-version quite frustrating to use (although perhaps other versions are better). The book often refers to data sets that I cannot find, there are problems that refer to figures and tables several pages back "and it can be difficult to switch back and forth with an e-reader, and I cannot see the entire page on one computer screen. For the most part, the content itself is fine, although in some cases I've spent a lot of time looking up various concepts elsewhere because (in my opinion) they aren't explained super well. All in all, I haven't loved this book.

The book arrived in great condition (hardcover). The text is written very well with ample examples explaining the methods. The general consensus in my statistics course is that the book is very helpful for an introductory statistics course.

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