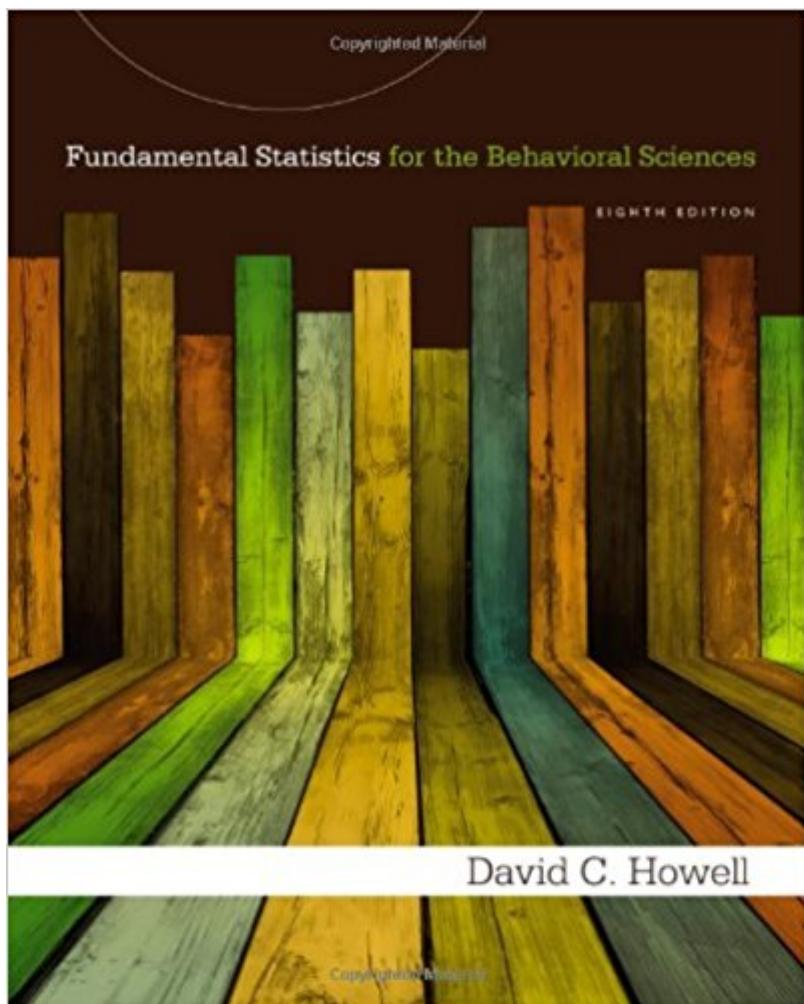


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Fundamental Statistics For The Behavioral Sciences



Synopsis

FUNDAMENTAL STATISTICS FOR THE BEHAVIORAL SCIENCES focuses on providing the context of statistics in behavioral research, while emphasizing the importance of looking at data before jumping into a test. This practical approach provides readers with an understanding of the logic behind the statistics, so they understand why and how certain methods are used--rather than simply carry out techniques by rote. Readers move beyond number crunching to discover the meaning of statistical results and appreciate how the statistical test to be employed relates to the research questions posed by an experiment. An abundance of real data and research studies provide a real-life perspective and help you understand concepts as you learn about the analysis of data. Available with InfoTrac Student Collections <http://gocengage.com/infotrac>.

Book Information

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1. Introduction.
2. Basic Concepts.
3. Displaying Data.
4. Measures of Central Tendency.
5. Measures of Variability.
6. The Normal Distribution.
7. Basic Concepts of Probability.
8. Sampling Distributions and Hypothesis Testing.
9. Correlation.
10. Regression.
11. Multiple Regression.
12. Hypothesis Tests Applied to Means: One Sample.
13. Hypothesis Tests Applied to Means: Two Related Samples.
14. Hypothesis Tests Applied to Means: Two Independent Samples.
15. Power.
16. One-Way Analysis of Variance.
17. Factorial Analysis of Variance.
18. Repeated-Measures Analysis of Variance.
19. Chi-Square.
20. Nonparametric and Distribution-Free Statistical Tests.
21. Meta-Analysis.

Appendix A: Arithmetic Review. Appendix B: Symbols and Notation. Appendix C:

Basic Statistical Formulae. Appendix D: Data Set. Appendix E: Statistical Tables. Glossary.

References. Answers to Exercises. Index. --This text refers to the Paperback edition.

David C. Howell is a professor emeritus and former chair of the psychology department at the University of Vermont. Professor Howell's primary area of research is in statistics and experimental methods. He is also the author of **STATISTICAL METHODS FOR PSYCHOLOGY**, currently in an Eighth Edition (Wadsworth Cengage Learning, 2013), and the **ENCYCLOPEDIA OF STATISTICS IN BEHAVIOR SCIENCE** (2005) with Brian Everitt. Before retiring, he frequently served as consultant to other faculty, both in the psychology department and in departments as disparate as Geology and Animal Sciences, and brings those experiences to this endeavor. Professor Howell's other interests include computing and the World Wide Web, and how technology affects communication, teaching, and research.

I do not care for this statistics textbook. If you are unfortunate enough to be using this book in conjunction with a professor who rambles about unrelated topics in class, you will see how poor a job the book does of equipping you to do problems on your own. (I have had one incidence of actually working a problem all the way through in lecture and am almost finished with the semester.) I have taken statistics classes in the past (two general classes, one psychology class) and maintained high grades, so I believe that the problem is not just with me. The chapters lack clear, easy to understand and follow examples worked from beginning to end. Along the same lines, the questions at the end of each chapter provide answers in the back for odd-numbered questions, BUT there are usually not multiples of the same kind of question, leaving the student without the option of working a similar problem, checking in the back of the book, and then moving on with confidence to the actual problem assigned as homework. I have spent most of the semester watching lectures on youtube to get the information I need.

I have been taking a statistics course for my specialist degree in Education Administration. I have read over 100 pages of this textbook and it is one of the most poorly written books I have ever read in almost 13 years taking college courses. I constantly am reflecting to my classmates how poorly organized the book is, how the explanations and figures in the book are vague and unclear, and how the author seems to mock you every five pages explaining how easy it really is. I am constantly going to the web to complete the labs for my class and looking at sources that seem to match the content, but explain it better. This book is NOT an introduction to statistics book. It is literally the

Spanish II version of a Spanish I class and my current instructor has gone above and beyond to provide videos and supplements for this book to help students and it just isn't working. I think an instructor should be selective about this book. The book is written more on the doctorate research level, but does not flow well for those in education. I have literally wanted to throw this book in my fireplace several times, I can't wait for this class to be over.

This is a great textbook for learning stats focused on psychology and the other behavioral sciences. This particular book has a great conceptual flow, as compared to other books that order content differently, and is actually readable! When it comes to stats, not many are looking forward to reading a book on it; most don't expect to gain anything from straight reading a book on math. Many textbooks on math subjects can be overly tedious and so complex they are difficult to read and understand as a standalone source. However, this book was so readable and understandable. As far as reading text on math, (nerd alert) this was almost story like. I would absolutely recommend this book to people who want to learn stats on their own, as well as for teaching purposes.

I downloaded this book on my kindle for intro. To statistics class. I dont overly like this book, the positive things are the chapters are short. And the author gets right to the point. However the wording of the author and the examples he gives are boring and dont feel relevant half the time to the problem. I would do the dowload content as i would not want to keep this book around that long.

After unwrapping this "new" textbook, the first fifty or so pages fell out of the book. I was very disappointed and returned the textbook for a refund.

Thought I was receiving a hardback book instead it is loose leaf. Appears to be photocopied. Very Disappointed!!!

I actually ended up needing the next addition but will keep this hard copy for an extra reference point. Excellent seller, thanks so much!

Another great book for my daughters college class. I would recommend renting books from .

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