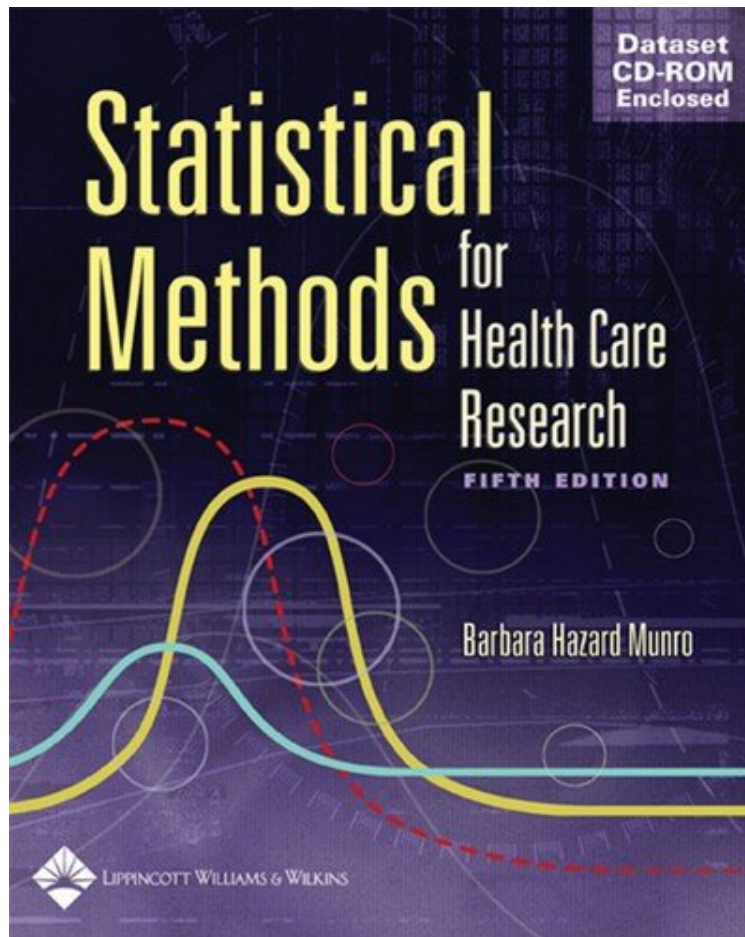


(Download free ebook) Statistical Methods for Health Care Research

Statistical Methods for Health Care Research

Barbara Hazard Munro PhD FAAN
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#603651 in Books Lippincott Williams n Wilkins 2004-10-04Ingredients: Example IngredientsOriginal language:EnglishPDF # 1 .95 x 7.78 x 8.64l, 1.10 #File Name: 0781748402512 pages | File size: 59.Mb

Barbara Hazard Munro PhD FAAN : Statistical Methods for Health Care Research before purchasing it in order to gage whether or not it would be worth my time, and all praised Statistical Methods for Health Care Research:

1 of 1 people found the following review helpful. My two centsBy Ohio HeatherI questioned reviewing this for two reasons ... first, it's a textbook, and most buyers probably don't have a choice about which Statistics textbook to buy. Secondly, I'm new to statistics, and I'm learning it as a person would learn a foreign language ... from the ground up. That being said, I decided to go forward with it in case it matters in some way with revisions, or if someone out there is looking for a book to use to teach themselves statistics.The book is well laid out, and seems to take things in a logical sequence. I have liked the healthcare-related examples to drive home what they are trying to explain. My issue with this book it that it contains what I suspect are typing errors.As an example... on page 71, the equation is given to calculate z-scores as $z=(x-\mu) / \sigma \times (3-18)$. (sorry ... don't know how to type the special symbols, but you get the idea). I worked for quite some time to try to figure out where the (3-18) came from that I was supposed to multiply by, only to conclude that this was a typing error since the formulas are all referenced with chapter number and a sequence

of numbers. This one is #3-16, so I think maybe it was type-set with a 3-18 looking like part of the actual formula. Another example is in the chapter review for chapter 2. Question 8 is supposed to (according to the answer key) read: "Standard deviation is best described by which of the following statements? c) It is the variance squared". I spent quite a bit of time trying to figure out why I got this one wrong - but all sources I found reiterate that SD is the square root of the variance, not the variance squared. One final example - on page 67, there is a sample problem concerning probability that states: "the probability of flipping a tail on a coin is .5" ... but when it demonstrates the calculation, it changes the .5 to .05. When you do the math, however, they have the correct answer - so again, just a typing error with it written as: $.17 \times .05 = .085$. My point in all this is that it has given me reason to be somewhat suspicious as I move through the book. One could argue that the heightened awareness is helping me learn the material and stay engaged ... I would agree ... but there are enough issues that would make me think twice before recommending this book to others. UPDATE - In continuing with my study using this textbook, I've discovered an even more significant issue... the z-table (pp. 519-520). In chapter 3 (p. 71) there was a problem using the existing z-table that seems to work out given the numbers in the problem and table, but when I got to chapter 4 (page 87), the numbers that it cites from the z-table aren't on there - anywhere. The z-score is 1.67, and the corresponding value from the table was 24.86. The text walks you through how to look up the value, but then says, "The number that is located at the intersection of the row and column is the area under the curve at and before the z-value; in this case the value is 0.9525." I ended up going online and downloading a z-table, and the numbers do not correlate. Could this be some table that represents something I haven't learned about? Absolutely...but it's the only z-table in the appendix. As a newbie to statistics, they're sending me on LOTS of research trips to find out how to solve these discrepancies. So either the book is error-filled or extremely confusing for a newcomer. I changed my mind ... I'd go 2 stars. 0 of 0 people found the following review helpful. Great resource. By Brittany Andrews used for a Stats bootcamp. Great resource. 0 of 0 people found the following review helpful. Highly recommend this book if you are doing a PIP or ... By Katie Highly recommend this book if you are doing a PIP or healthcare research project that needs statistics run on the data. Explains things clearly for the healthcare professional.

Focusing on the statistical methods most frequently used in the health care literature and featuring numerous charts, graphs, and up-to-date examples from the literature, this text provides a thorough foundation for the statistics portion of nursing and all health care research courses. All Fifth Edition chapters include new examples and new computer printouts using the latest software, SPSS for Windows, Version 12. New material on regression diagnostics has been added.