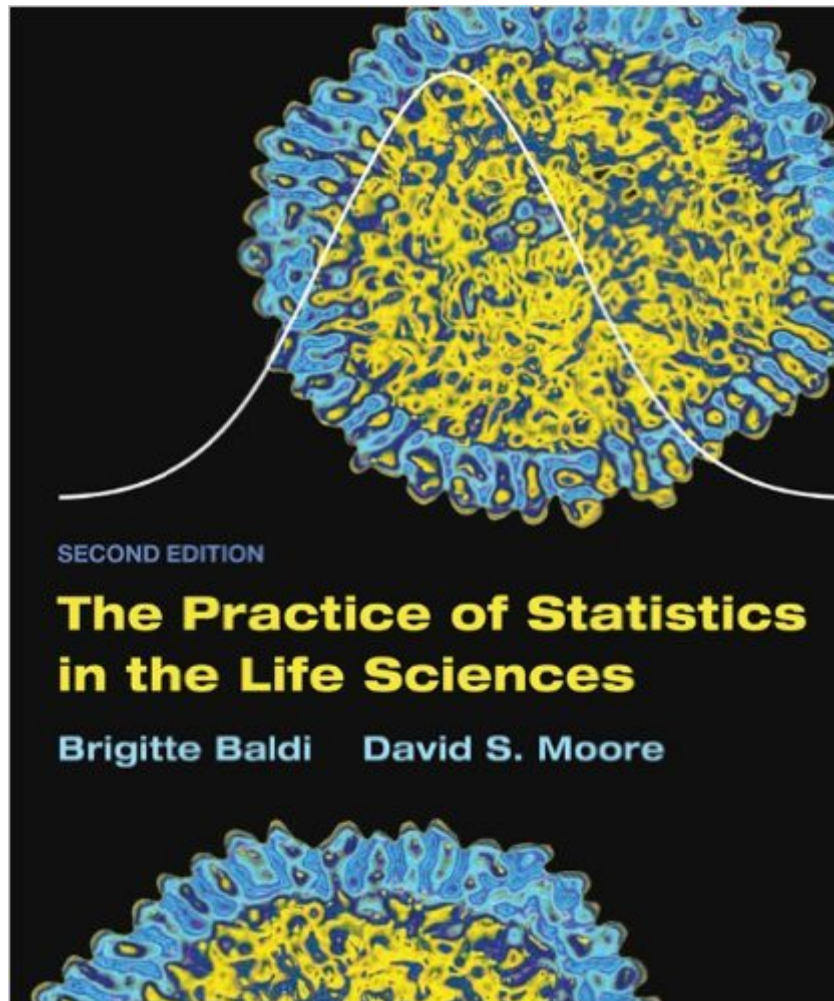


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The Practice Of Statistics In The Life Sciences: W/Student CD



Synopsis

This text brings a student-friendly style to the often-tricky subject of statistics. The emphasis on real data and statistical thinking illuminates the theory behind quantitative analysis in a life sciences context. The examples and exercises are drawn from diverse areas of biology, including physiology, brain and behavior, epidemiology, health and medicine, nutrition, ecology, and microbiology. This keeps the subject interesting and relevant to a wide range of disciplines. A four-step problem-solving process (State, Formulate, Solve, Conclude) guides student work on realistic statistical problems. The process is used as appropriate and most often as students gain the tools needed to handle real-world problems. In addition, Caution Notes warn students of possible pitfalls they can encounter when analyzing data. The new edition features hundreds of new exercises and examples, added emphasis on working with large data sets, updated technology coverage, and an expanded media/supplements package. Technology is emphasized throughout the text and always presented in a student-friendly format. o CrunchIt! Software Output Screens. In addition to Minitab, TI graphing calculators, Excel, and SPSS, the Using Technology sections now include CrunchIt!, a student-friendly statistical software package. A CrunchIt! access code is provided with each new textbook or access can be purchased online. o Applets. Available on the companion Web site and CD, and marked throughout the text, these interactive applets help students learn important concepts such as regression, central limit theorem, and more. --This text refers to an alternate Hardcover edition.

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Customer Reviews

In my long history of being a student I'm pretty sure I've never written a review about a textbook since you can't choose your books- it really doesn't matter if it's bad because you're stuck with it anyway. But I'll make an exception to this monstrosity, in the hopes that future instructors will read these reviews and understand that as a self-taught course, this book is simply AWFUL. I'm a scientist, so obviously statistics are near and dear to not only my heart, but my paycheck and reputation as well. Therefore, I not only wanted to get a decent grade, but I truly needed to know this stuff. Unfortunately, this book served me more as a mouse pad than as an instruction manual. It gives all the formulas, the rules, the definitions, etc., yet somehow it doesn't teach a dang thing. The explanations, the instruction, or even the examples you're given to actually learn the statistics are woefully inadequate and sparse. There is no teacher here, just you and the book, so it should be doing a complete job in teaching, not supplementing some unknown professor. I spent more time doing online searches to understand the material than I did learning from the book. Here are things you need to know about this book/online portal: **I cannot stress this enough- you have to know how to use excel and/or the TI-83/4 calculator stats features BEFORE taking this class. Sure, there are scattered flaccid technology pictures in the book, but they're as helpful as your Aunt Ester who answers the phone when she hears the doorbell. **The book and the online videos tag-team the teaching, so don't think that just reading or watching will teach you what you need to know.

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