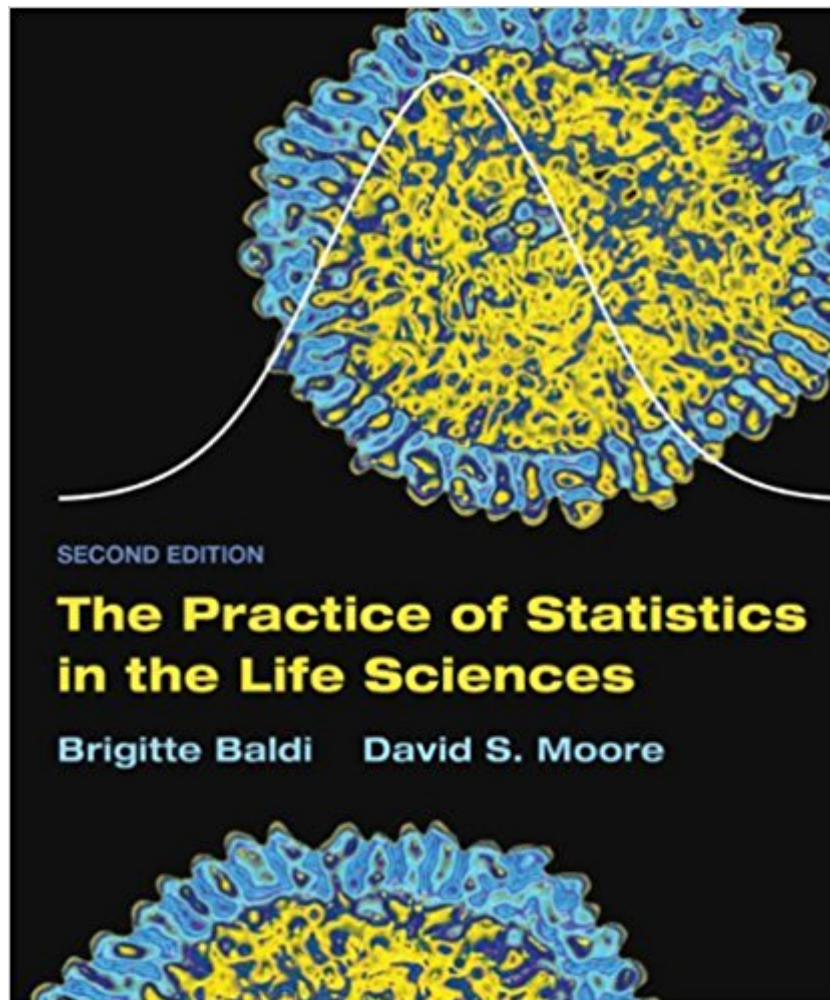


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# The Practice Of Statistics In The Life Sciences: W/Student CD



## 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

BRIGITTE BALDI is a Lecturer at University of California, USA. DAVID S. MOORE is a Lecturer at Purdue University, USA. --This text refers to an alternate Hardcover edition.

I was supposed to purchase the 3rd edition but the prof. was lenient about it and said that students could buy the older 2nd version. At the time, the 3rd edition was sold for \$150 and I bought this 2nd edition used for about \$25. Anyways, for those wondering if there is a huge difference in the materials covered between the books, there are not. The 2nd edition is basically identical to the 3rd edition. Practice problems, examples, and chapter contents are the same. If you're a student looking to save some major cash buy the older edition. Why shell out hundreds of dollars to buy a book that you'll only be using for a semester.

Not much math as I expected it would be. A lot of reading and words. The facts in it are very interesting, but I don't think this book is worth the price I brought it for (100 bucks). I seriously hope there are better Life Science Statistic books than this one!!

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. Unfortunately, the video tutor speaks at a fast clip, never hesitating to allow you to answer posed

questions, take notes, or even think about what she said. Even worse, she makes simple mistakes like superimposing numbers, causing you to do a double take and miss more fast-paced instruction (she'll say "the result is one point forty-three", yet the number you're staring at says 1.34). There are hardly any answers to the examples, and those that are answered are not explained, so you can never learn from your mistakes. Even worse, some of the online lectures and accompanying videos wouldn't load, so you couldn't view them, losing a whole section of material (and this was a class-wide phenomenon, so don't think it's OS or browser dependent.\*\*There are errors in answers and non-existent explanations to terms you're supposed to know. For example, upper and lower bounds are not defined and barely mentioned, yet these terms have to be understood in order to get test questions correct.\*\*Long, drawn out complicated mathematical explanations are given for formulas, and then you're promptly told you don't need to know all that. Yet on the tests, you do.\*\*The book has no glossary but it does have online errata. What kind of textbook has no glossary but has errata? Oh yeah, a horrible one. (And don't think the errata section fixes what they got wrong- it says, "Coming Soon.")\*\*The online portal drags at off-peak hours and at most other times it will hang when you save your work, making you sweat as to whether or not your hour of work was entered before the time cutoff. It also wouldn't load some test questions, meaning we couldn't see them, much less answer them. Some students had the tests time out after only a few minutes when they actually had nearly an hour left, giving them a zero for the test. (Better hope your professor is understanding.)This is an awful book and an awful online portal. There must be no other choices in online stats, because I can't imagine teachers think this is a good teaching tool.

Tell me alot

I am using this book for an online introductory graduate bio-statistics course. I have never been more frustrated with a book! My class is in essence an independent study - read the text, learn the subject matter and take a test - and oh my, this book does not provide the resources to learn basic bio stats. There is too little explanation and way too many "check your skills", "test your knowledge" etc. with answers to only 50% of the questions and without any explanation. It comes with a cd rom that is suppose to be helpful - not - again, very little instruction. In today's world of statistics it is just as important to learn the technological tools that can provide the correct answers, this book fails in this area as well. From a students perspective if you are an instructor reconsider another text, if you are student and stuck with this book - figure out additional resources early on!

This is a great tool for learning biostats. I love the CD because it allows me to avoid carrying the heavy book everywhere and I can just carry the CD instead. Leave the book at home, take the CD with you for running around all day. An awesome package deal, both with great information and well made.

As advertised.

Great !

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