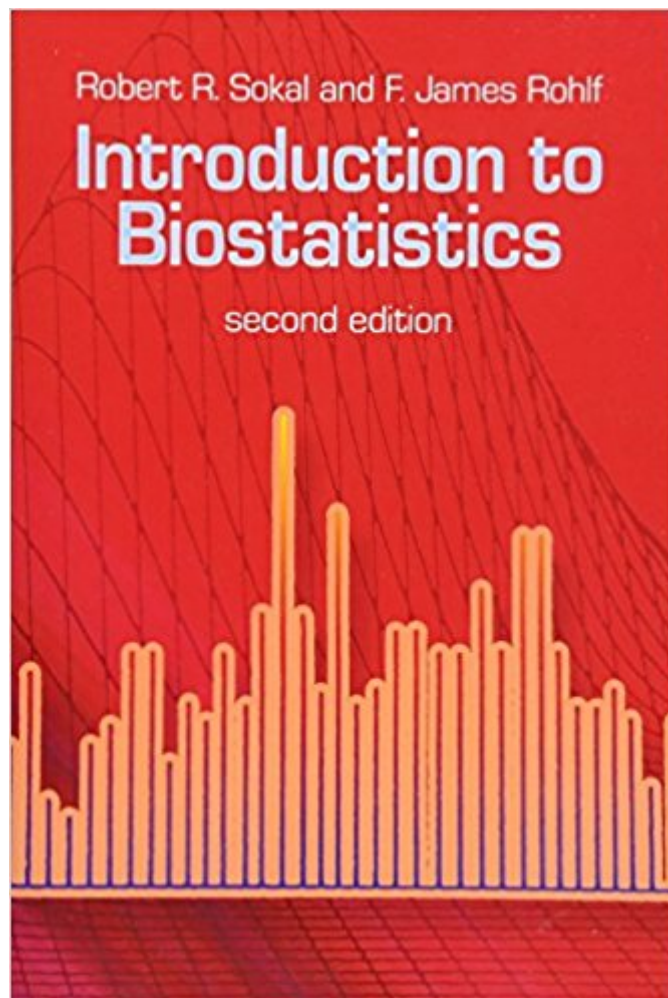




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Introduction To Biostatistics: Second Edition (Dover Books On Mathematics)



Synopsis

This popular and critically acclaimed text for undergraduate courses concentrates on the practical applications of statistics to biology. Its straightforward approach offers students with a minimal background in mathematics an accessible introduction to biostatistics. Worked-out examples appear throughout the book, illuminating highly relevant examples of solutions to problems in biological data analysis. The treatment progresses from descriptive statistics to fundamental distributions and the testing of elementary statistical hypotheses. It introduces the analysis of variance, presenting an in-depth survey that ranges from single-classification to two-way analysis of variance. Additional topics include regression, correlation, and analysis of frequencies. Numerous tables provide computational methods, from initial setup to final result, for solving a variety of biostatistical problems.

Book Information

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Customer Reviews

I wouldn't say this is the best for book for statistics. It doesn't provide great theoretical detail. And the application for biological studies are not entirely clear. But it's a pretty cheap book (

If I interpret the copy I received correctly, this is just a reprint from the 70's with a nice new cover. The author even listed in the introduction a number of changes they COULD HAVE made to improve the book? (Why not make them?) Just paging through the book, it does not appear it is

going to be that helpful. However, it appears to be the least expensive. I would recommend putting your money toward a biostat book like Pagano's. I used that text in my MPH program and felt it was fairly easy to read and use.

One of the best texts I've come across on the subject. Lucid, clearly set out with plenty of worked examples. Not too rigorous for the beginner, yet contains enough mathematical detail for the basic concepts to be understood. Examples, problems and worked examples are highly relevant to real problems in biological data analysis.

Sokal & Rohlf is the classic of biological statistics, providing not only firm grounding in principles but many worked examples with real data, placed in separate Boxes with useful commentary on computational methods. [I have my 1969 first edition open before me as I write this. It was the first textbook I read from cover to cover (well, almost) for the pure joy of learning]. The text is now in its 2011 Fourth edition, and peace be to Prof Sokal who passed away a short while ago. The latest edition is upward of \$80: this Dover reprint of the second edition, at the price asked, is a great bargain for those anxious to learn biometrical principles and techniques. This format of this edition lends itself readily to spreadsheet calculation (eg, Excel)

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