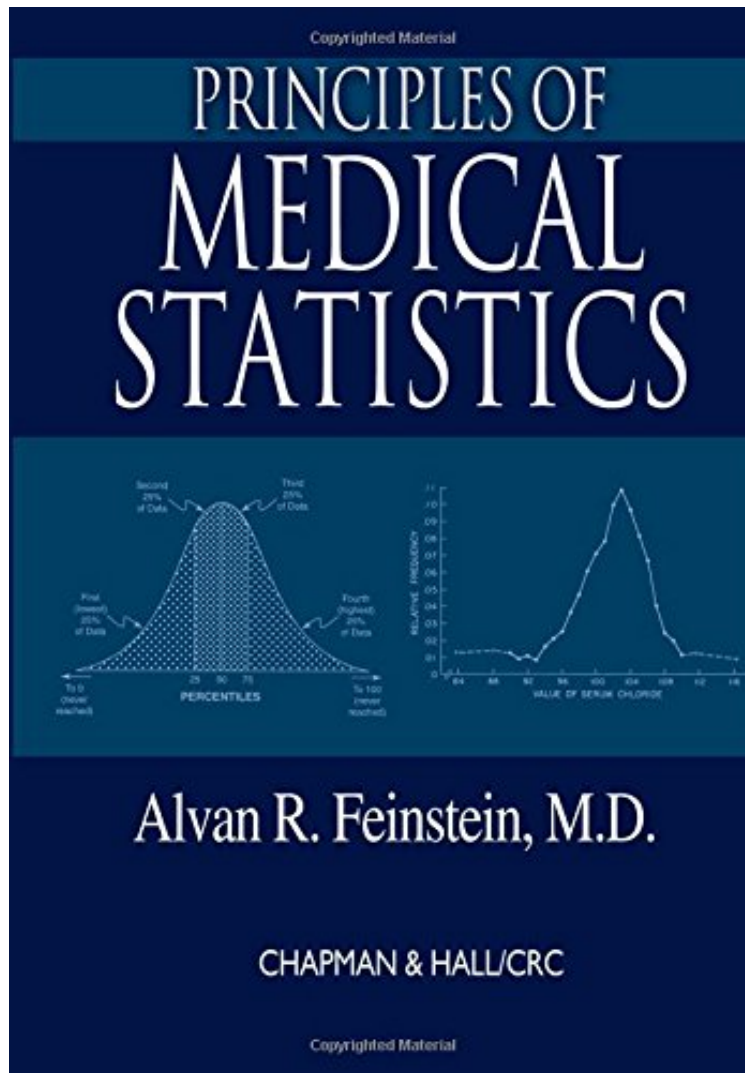


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# Principles of Medical Statistics

*Alvan R. Feinstein*

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**Alvan R. Feinstein : Principles of Medical Statistics** before purchasing it in order to gage whether or not it would be worth my time, and all praised Principles of Medical Statistics:

0 of 0 people found the following review helpful. Highly recommended as a reference for your bookshelfBy Mark R. JorgensenI knew of Professor Feinstein from reading many of his superb articles, comments and letters over the decades of his career. His articles were usually exemplars of clarity, insight and perspective. When I wanted to add some statistics reference books to my bookshelf I chose this and several others. The writing and explanations throughout are clear and understandable. The coverage of subjects and level of difficulty are satisfactory for an introductory book on medical statistics. While the book was published some time ago I believe you will still find it

useful as a reference. 1 of 1 people found the following review helpful. The Godfather of EBM: Alvan Feinstein By Diana Barbonta Few of us, clinicians born and educated in the era of evidence-based medicine, probably know who Alvan Feinstein was. As Jeanne Daly describes him in her book (Evidence-based medicine and the Search for a Science of Clinical Care), he was 'the Godfather of EBM', the brain where the seeds of what we are doing now have grown. For those already familiar with statistical methods in medical research the book suggests a different way to learn again, and deeper, what they already (think) they know. For those who are not yet familiar with medical statistics - a good way to start, even if mathematics is all over in the book - lucky those who love maths. A wonderful thing Alvan Feinstein offers the reader to take along the way of either reading or producing medical research - that statistics is the veil you have to see through to understand what medical research really is. 3 of 3 people found the following review helpful. Biostatistics down to earth By Helena Vidaurri Alvan Feinstein engraved his name in history through great improvements in medical biostatistics and research methodology just to name a couple. His last book (sadly) is a marvelous trip through medical statistics made very down to earth without losing the scientific background, but rather explaining it in a very concrete and solid way. A wonderful book for anyone who seeks information on medical statistics. A great complement to his research and clinimetrics books.

The get-it-over-with-quickly approach to statistics has been encouraged - and often necessitated - by the short time allotted to it in most curriculums. If included at all, statistics is presented briefly, as a task to be endured mainly because pertinent questions may appear in subsequent examinations for licensure or other certifications. However, in later professional activities, clinicians and biomedical researchers will constantly be confronted with reports containing statistical expressions and analyses. Not just a set of cookbook recipes, Principles of Medical Statistics is designed to get you thinking about data and statistical procedures. It covers many new statistical methods and approaches like box plots, stem and leaf plots, concepts of stability, the bootstrap, and the jackknife methods of resampling. The book is arranged in a logical sequence that advances from simple to more elaborate results. The text describes all the conventional statistical procedures, and offers reasonably rigorous accounts of many of their mathematical justifications. Although the conventional mathematical principles are given a respectful account, the book provides a distinctly clinical orientation with examples and teaching exercises drawn from real world medical phenomena. Statistical procedures are an integral part of the basic background needed by biomedical researchers, students, and clinicians. Containing much more than most elementary texts, Principles of Medical Statistics fills the gap often found in the current curriculum. It repairs the imbalance that gives so little attention to the role of statistics as a prime component of basic biomedical education.