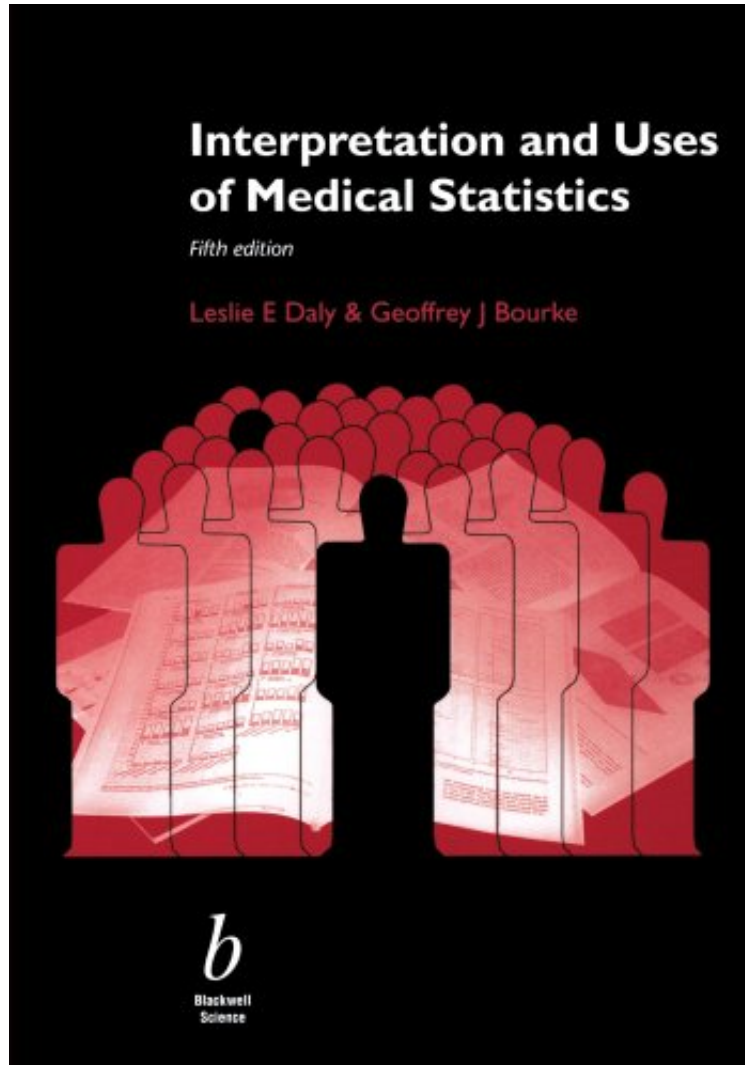


(Ebook pdf) Interpretation and Uses of Medical Statistics

Interpretation and Uses of Medical Statistics

Leslie Daly, Geoffrey J Bourke
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Leslie Daly, Geoffrey J Bourke : Interpretation and Uses of Medical Statistics before purchasing it in order to gage whether or not it would be worth my time, and all praised Interpretation and Uses of Medical Statistics:

0 of 0 people found the following review helpful. Great book for medical students By Bill Clark This book is truly amazing. I am a statistics teacher and I enjoyed how the concepts of statistics and probability were explained. Most textbooks will not attempt to do that. If you already have some knowledge of statistics before reading this book then you will find that it "fills in the blanks" concerning why certain formulas are used and how they are used. 0 of 1 people found the following review helpful. GREAT SELLER By Melanie S. Kim GREAT SELLER, responded to all of my questions, and the book was exactly as described. Also, the item was shipped out RIGHT away. thanks! :) 3 of 3 people

found the following review helpful. Two new chapters have also been added. By Midwest Book Review Interpretation and Uses of Medical Statistics first appeared in 1969 and provided ideas on statistics' applications to medical science to those with no formal training in this area. This 5th updated edition represents a vastly expanded coverage with major changes: some sections have been totally rewritten, it's organized more logically based on the latest brain research studies and use-friendly approaches, and it flags chapters that are more difficult to absorb. Two new chapters have also been added too, making this a substantial addition to any medical collection.

In 1969 the first edition of this book introduced the concepts of statistics and their medical application to readers with no formal training in this area. While retaining this basic aim, the authors have expanded the coverage in each subsequent edition to keep pace with the increasing use and sophistication of statistics in medical research. This fifth edition has undergone major restructuring, with some sections completely rewritten; it is now more logically organized and more user friendly (with the addition of 'summary boxes' throughout the text). It incorporates new statistical techniques and approaches that have made an appearance since the last edition. In addition, some chapters or chapter headings are specifically marked to signify material that is more difficult than the material in which it is embedded - such sections or chapters can be omitted at first reading. Several new chapters have been added. "Associations: Chance, Confounded and Causal?" explains without any formulae the concepts underlying confounding, confidence intervals and p values, and the interpretation of associations observed in research investigations. Another new chapter considers sample size calculations in some detail and provides, in addition to the relevant formulae, useful tables that should give the researcher an indication of the order of magnitude of the number of subjects he or she might require in different situations.

"Medical Uses of Statistics, 3rd Edition" presents the concepts of medical statistics across a broad range of topics with a practical perspective, a moderate level of detail, and a minimal number of formulae . . . The text is clearly written in a consistent style, as illustrated by these excerpts." (Journal of Clinical Research Best Practices, 8 August 2011) ...the book can be warmly recommended as a textbook and reference for undergraduate medical students and health professionals." Statistical Methods in Medical Research (on the fourth edition) "It should prove useful for both undergraduate medical and paramedical students, and for postgraduate researchers and clinicians who wish to have a greater understanding of medical statistics or to analyse their own data." Modern Medicine of Australia (on the fourth edition) From the Back Cover In 1969 the first edition of this book aimed to introduce the concepts of statistics and their medical application to readers with no formal training in this area. While retaining this basic aim, the authors have expanded the coverage in each subsequent edition to keep pace with the increasing use and sophistication of statistics in medical research. This fifth edition has undergone major restructuring, with some sections totally rewritten; it is now more logically organised and substantially more user-friendly (with the addition of 'summary boxes' throughout the text) to incorporate the new statistical techniques and approaches that have made an appearance in the last nine years since the last edition. Also, some chapters or chapter headings are specifically marked to signify material that is generally a little more difficult than the material in which it is embedded - such sections or chapters can be omitted at first reading. Several new chapters have been added - "Associations: Chance, Confounded and Causal?" explaining without any formulae the concepts underlying confounding, confidence intervals and p values, and the interpretation of associations observed in research investigations. The other new chapter considers sample size calculations in some detail and provides, in addition to the relevant formulae, useful tables which should give the researcher an indication of the order of magnitude of the number of subjects he or she might require in different situations.