

Biostatistics: A Foundation for Analysis in the Health Sciences

By Wayne W. Daniel



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Allied health professionals rely on Biostatistics for its high standards of statistical accuracy. It helps them develop a set of statistical tools that are relevant to their field. Now in its ninth edition, the book integrates new applications from several biological science fields throughout the pages. Each chapter now opens with bulleted objectives that highlight the main ideas. Summary boxes of formulae and statistical rules are presented for easy reference and review. Support is also provided for multiple programs such as SPSS, SAS, and STATA, in addition to Minitab. This includes screen captures and technology boxes with step-by-step help. Health professionals will then gain the ability to use technology to analyze data.



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Sales Rank: #670967 in BooksPublished on: 2008-12-31

Ingredients: Example IngredientsOriginal language: English

• Number of items: 1

• Dimensions: 9.23" h x 1.63" w x 7.70" l, 3.50 pounds

• Binding: Hardcover

• 960 pages

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Editorial Review

From the Publisher

Like its predecessors, this edition stresses intuitive understanding of principles rather than learning by mathematical proof. Provides broad coverage of statistical procedures used in all the health science disciplines. This version contains a greater emphasis on computer applications, and most of the statistical techniques include the MINITAB commands by which they can be applied.

From the Back Cover

Develop the statistical tools needed in the allied health fields

Anyone entering the allied health field needs to have a working understanding of how data can be turned into useful information. Now in its ninth edition, Wayne W. Daniel's *Biostatistics: A Foundation for Analysis in the Health Sciences* provides a comprehensive introduction to biostatistics as it is used in the biological sciences.

Designed for the undergraduate and graduate student across a range of fields, from the health disciplines to forestry and animal husbandry, the text takes an applied and computer-oriented approach to its topical coverage. Its chapters take you from the basic concepts of probability through hypothesis testing, linear regression and correlation, the analysis of variance, chi-square distribution, nonparametric and distribution-free statistics, and more.

This new edition adds much new and expanded material, including such features as:

- Integration of new applications from several biological science fields throughout the pages
- Highlighting of main ideas with bulleted objectives at the start of each chapter
- Summary boxes of formulae and statistical rules for easy reference and review
- Support for multiple programs such as SPSS, SAS, and STATA, in addition to Minitab
- Screen captures and technology boxes with step-by-step help
- Real-world practice through examples and exercises using data from actual research projects and reports

About the Author

Wayne W. Daniel is on the faculty of Georgia State University, Atlanta, Georgia.

Users Review

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Ryan Barrett:

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