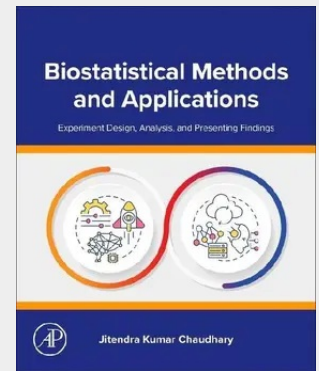


Biostatistical Methods and Applications

Experiment Design, Analysis, and Presenting Findings

Biostatistical Methods and Applications: Experiment Design, Analysis, and Presenting Findings provides students and researchers with the skills needed to apply biostatistical concepts and implement a wide range of analytical tools. The text is an accessible and intentionally curated resource that instructs readers in designing experiments, considering the results, and presenting statistical findings and views. In twenty-four chapters and additional appendices, the book starts with an introduction to the field of statistics and from there covers experiment design, data coding, and data collection methods. The book also delves into descriptive statistics, probability, statistical distributions, correlations, and regression. Common research techniques such as normality tests, sample size determination, missing data analysis, statistical inference, test of significance, and ANOVA are explained in a clear manner so that readers can successfully understand and apply these methods. Biostatistical Methods and Applications: Experiment Design, Analysis, and Presenting Findings thoroughly explores fundamental topics in biostatistics to guide readers in conducting statistical analysis and interpretation by using the step-by-step procedures and diagrams in the book. This book covers current topics which are being used frequently in teaching and research areas, as well as specific statistical techniques including multivariate analysis, binary logistic regression, and non-parametric methods. This valuable first edition provides the necessary tools and conceptual foundations in quantitative reasoning to efficiently extract information from a vast sea of data, and to communicate research findings in order to support hypotheses and give credibility to research methodology and conclusions. With detailed explanations, illustrative examples and diagrams, and beneficial in-text exercises and solutions to support the study of biostatistics, this textbook will prove useful to students, researchers, and scientists who aim to increase their precision around methods and techniques in this field.



107,50 €

107,50 € (zzgl. MwSt.)

*vorbestellbar, Erscheinungstermin ca.
Februar 2026*

Artikelnummer: 9780443337222

Medium: Buch

ISBN: 978-0-443-33722-2

Verlag: Elsevier Science Publishing Co Inc

Erscheinungstermin: 24.02.2026

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2026

Produktform: Kartoniert

Gewicht: 450 g

Seiten: 345

Format (B x H): 191 x 235 mm

