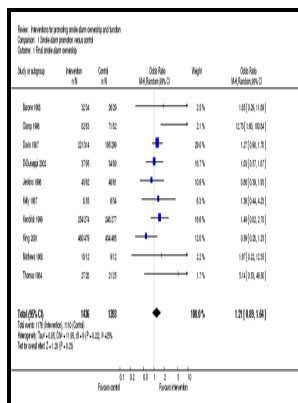


# Biostatistical methods - the assessment of relative risks

**John Wiley & Sons - Biostatistical Methods: The Assessment of Relative Risks by John M. Lachin**

Description: -



-  
 Risk Assessment -- methods.  
 Models, Statistical.  
 Data Interpretation, Statistical.  
 Biometry.  
 Medicine -- Research -- Statistical methods.  
 Health risk assessment -- Statistical methods.  
 Medical statistics. Biostatistical methods - the assessment of relative risks

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Wiley series in probability and statistics  
 Biostatistical methods - the assessment of relative risks

Notes: Includes bibliographical references and indexes.

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## Biostatistical Methods: The Assessment of Relative Risks

The book contains a technical, but accessible appendix that presents the core mathematical statistical theory used for the development of classical and modern statistical methods. It is also an invaluable reference for biostatisticians, applied statisticians, and epidemiologists.

## Biostatistical Methods The Assessment of Relative Risks

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 Biostatistical Methods, Second Edition is an excellent book for biostatistics courses at the graduate level.

## Biostatistical Methods

It develops basic concepts as well as deriving biostatistical methods through both the application of classical mathematical statistical tools and more modern likelihood-based theories. Presenting a broad scope of coverage and the latest research on the topic, the author begins with categorical data analysis methods for cross-sectional, prospective, and retrospective studies of binary, polychotomous, and ordinal data.

## Biostatistical Methods

Lachin, ScD, is Co-Director of The Biostatistics Center at The George Washington University, where he also serves as Professor of Biostatistics and Epidemiology, and of Statistics. British Wildlife is the leading natural history magazine in the UK, providing essential reading for both enthusiast and professional naturalists and wildlife conservationists.

## Biostatistical Methods: The Assessment of Relative Risks by John M. Lachin

Biostatistical Methods: The Assessment of Relative Risks, Second Edition develops basic concepts and derives an expanded array of biostatistical

methods through the application of both classical statistical tools and more modern likelihood-based theories. He developed this graduate text to support a course he launched as a joint initiative of the university's department of statistics, its Biostatistics Center, and the School of Public Health and Health Services.

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The text then moves on to present a more modern likelihood- or model-based approach, which includes unconditional and conditional logistic regression; the analysis of count data and the Poisson regression model; the analysis of event time data, including the proportional hazards and multiplicative intensity models; and elements of categorical data analysis expanded in this edition. Coverage includes discussion of biostatistics and biomedical science, relative risk estimates and tests for independent groups, sample size, stratified adjusted analysis, case-control and matched studies, applications of maximum likelihood and efficient scores, among other topics.

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. He has published extensively in his areas of research interest, which include sample size evaluation, group sequential methods, analysis of repeated measures, and survival analysis.

### **Biostatistical Methods: The Assessment of Relative Risks by John M. Lachin**

A Fellow of the American Statistical Association and the Society for Clinical Trials, Dr.

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