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Titolo	Confidence intervals for proportions and related measures of effect size / / Robert G. Newcombe
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ISBN	0-429-09261-X 1-4398-1279-9
Descrizione fisica	1 online resource (463 p.)
Collana	Chapman & Hall/CRC biostatistics series
Disciplina	610.72/7
Soggetti	Biometry Statistics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A Chapman & Hall book.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Contents; Preface; Acknowledgments; Author; Acronyms; Chapter 1 - Hypothesis Tests and Confidence Intervals; Chapter 2 - Means and Their Differences; Chapter 3 - Confidence Intervals for a Simple Binomial Proportion; Chapter 4 - Criteria for Optimality; Chapter 5 - Evaluation of Performance of Confidence Interval Methods; Chapter 6 - Intervals for the Poisson Parameter and the Substitution Approach; Chapter 7 - Difference between Independent Proportions and the Square-and-Add Approach; Chapter 8 - Difference between Proportions Based on Individually Paired Data Chapter 9 - Methods for Triads of ProportionsChapter 10 - Relative Risk and Rate Ratio; Chapter 11 - The Odds Ratio and Logistic Regression; Chapter 12 - Screening and Diagnostic Tests; Chapter 13 - Widening the Applicability of Confidence Interval Methods: The Propagating Imprecision Approach; Chapter 14 - Several Applications of the MOVER and PropImp Approaches; Chapter 15 - Generalised Mann-Whitney Measure; Chapter 16 - Generalised Wilcoxon Measure; References; Appendix 1: Glossary of Some Statistical Terms; Appendix 2: Introduction to Logarithms and Exponentials; Back Cover
Sommario/riassunto	Addressed primarily at researchers who have not been trained as statisticians, this book describes how to use appropriate methods to

calculate confidence intervals to present research findings. It covers background issues, such as the link between hypothesis tests and confidence intervals and why it is usually preferable to report the latter. Chapters begin with the simplest cases of a mean or a proportion based on a single sample and then move on to more complex applications. Although the books illustrative examples are mainly health-related, the methods described can also be applied to research in a wide range of disciplines--Provided by publisher.