

1. Record Nr.	UNINA9910797036403321
Autore	Anderson Stewart
Titolo	Biostatistics: a computing approach // by Stewart Anderson
Pubbl/distr/stampa	Boca Raton, FL : , : Chapman and Hall/CRC, an imprint of Taylor and Francis, , [2011] ©2012
ISBN	0-429-11269-6 1-4398-9790-5
Edizione	[First edition.]
Descrizione fisica	1 online resource (323 p.)
Collana	Chapman & Hall/CRC Biostatistics Series
Disciplina	570.15195
Soggetti	Biometry - Computer simulation Biometry - Statistical methods Biometry - Methodology Biomathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Contents; Preface; 1. Review of Topics in Probability and Statistics; 2. Use of Simulation Techniques; 3. The Central Limit Theorem; 4. Correlation and Regression; 5. Analysis of Variance; 6. Discrete Measures of Risk; 7. Multivariate Analysis; 8. Analysis of Repeated Measures Data; 9. Nonparametric Methods; 10. Analysis of Time to Event Data; 11. Sample size and Power Calculations; 12. Appendix A: Using SAS; 13. Appendix B: Using R; 14. References
Sommario/riassunto	The emergence of high-speed computing has facilitated the development of many exciting statistical and mathematical methods in the last 25 years, broadening the landscape of available tools in statistical investigations of complex data. Biostatistics: A Computing Approach focuses on visualization and computational approaches associated with both modern and classical techniques. Furthermore, it promotes computing as a tool for performing both analyses and simulations that can facilitate such understanding.