1. Record Nr. UNINA9910373911503321

Autore	Yadav Shakti Kumar
Titolo	Biomedical Statistics : A Beginner's Guide / / by Shakti Kumar Yadav, Sompal Singh, Ruchika Gupta
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-329-294-6
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (xxiii, 287 pages)
Disciplina	610.727
Soggetti	Bioinformatics Health informatics Health promotion Health Informatics Health Promotion and Disease Prevention Estadística mèdica Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1. Applications of Statistics -- Chapter 2. Statistical Terms -- Chapter 3. Data Types -- Chapter 4. Data Classification -- Chapter 5. Data Presentation -- Chapter 6. Measures of Central Tendency -- Chapter 7. Measures of Location -- Chapter 8. Measures of Dispersion -- Chapter 9. Sampling Methods -- Chapter 10. Statistical Distribution-Continuous -- Chapter 11. Sampling Distribution and Hypothesis testing -- Chapter 12. Test of Inference- one sample or two sample mean -- Chapter 13. Test for Inference- Multiple sample comparisons -- Chapter 14. Test for Inference- Categorical Data I -- Chapter 15. Test for Inference- Categorical Data II -- Chapter 16. Test for Inference- Correlation and Regression -- Chapter 17. Non Parametric Tests -- Chapter 18. Sample Size Estimation -- Chapter 19. Epidemiological Studies -- Chapter 20. Analysis of Diagnostic Test -- Chapter 21. Demography -- Chapter 22. Measures of Demography -- Chapter 23. Infectious Disease Epidemiology -- Chapter 24. Life Tables -- Chapter 25. Introduction to Probability -- Chapter 26. Random Variable and Mathematical Expectation -- Chapter 27. Statistical

	Distribution- Discrete -- Chapter 28. Univariate logistic regression- Theoretical aspects -- Chapter 29. Use of Computer software for basic statistics.
Sommario/riassunto	This book is written in a very easy-to-follow format, and explains the key concepts of biomedical statistics in a lucid yet straightforward manner. It explains how mathematical and statistical tools can be used to find answers to common research questions. In addition, the main text is supplemented by a wealth of solved exercises and illustrative examples to aid in comprehension. Given its content, the book offers an invaluable quick reference guide for graduating students and can be very helpful in their examination process. At the same time, it represents a handy guide for medical and paramedical teachers, post-graduate medical students, research personnel, biomedical scientists and epidemiologists.