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| 1. Record Nr.           | UNINA9910153117003321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Autore                  | Zar Jerrold H. <1941->                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Titolo                  | Biostatistical analysis / / Jerrold H. Zar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pubbl/distr/stampa      | Harlow, England : , : Pearson Education Limited, , [2014]<br>©2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| Edizione                | [Fifth edition.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Descrizione fisica      | 1 online resource (ii, 756 pages) : illustrations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Collana                 | Always learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Disciplina              | 570.15195                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Soggetti                | Biometry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Note generali           | Includes index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Nota di contenuto       | 1. Data: Types and Presentation -- 2. Populations and Samples -- 3. Measures of Central Tendency -- 4. Measures of Variability and Dispersion -- 5. Probabilities -- 6. The Normal Distribution -- 7. One-Sample Hypotheses -- 8. Two-Sample Hypotheses -- 9. Paired-Sample Hypotheses -- 10. Multisample Hypotheses and the Analysis of Variance -- 11. Multiple Comparisons -- 12. Two-Factor Analysis of Variance -- 13. Data Transformations -- 14. Multiway Factorial Analysis of Variance -- 15. Nested (Hierarchical) Analysis of Variance -- 16. Multivariate Analysis of Variance -- 17. Simple Linear Regression -- 18. Comparing Simple Linear Regression Equations -- 19. Simple Linear Correlation -- 20. Multiple Regression and Correlation -- 21. Polynomial Regression -- 22. Testing for Goodness of Fit -- 23. Contingency Tables -- 24. Dichotomous Variables -- 25. Testing for Randomness -- 26. Circular Distributions: Descriptive Statistics -- 27. Circular Distributions: Hypothesis Testing. |
| Sommario/riassunto      | Zar's Biostatistical Analysis, Fifth Edition, is the ideal textbook for graduate and undergraduate students seeking practical coverage of statistical analysis methods used by researchers to collect, summarize, analyze, and draw conclusions from biological research. The latest edition of this best-selling textbook is both comprehensive and easy to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

read. It is suitable as an introduction for beginning students and as a comprehensive procedural reference for today's practitioners. This book is appropriate for a one- or two-semester, junior or graduate-level course in biostatistics, biometry, quantitative biology, or statistics, and assumes a prerequisite of algebra.

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