Record Nr. UNINA9910454578003321 Autore Wilcox Rand R **Titolo** Basic statistics [[electronic resource]]: understanding conventional methods and modern insights / / Rand R. Wilcox New York,: Oxford University Press, 2009 Pubbl/distr/stampa **ISBN** 1-282-23529-X 9786612235290 0-19-804301-5 Descrizione fisica 1 online resource (341 p.) Disciplina 519.5 Soggetti Mathematical statistics Mathematics Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Contents; Partial List of Symbols; 1. Introduction; 2. Numerical Summaries of Data; 3. Graphical Summaries of Data and Some Related Issues: 4. Probability and Related Concepts: 5. Sampling Distributions: 6. Estimation; 7. Hypothesis Testing; 8. Correlation and Regression; 9. Comparing Two Groups; 10. Comparing More Than Two Groups; 11. Multiple Comparisons; 12. Categorical Data; 13. Rank-Based and Nonparametric Methods; Appendix A: Solutions to Selected Exercise Problems; Appendix B: Tables; References; Index Sommario/riassunto This introductory statistics textbook for non-statisticians covers basic principles, concepts, and methods routinely used in applied research. What sets this text apart is the incorporation of the many advances and insights from the last half century when explaining basic principles. These advances provide a foundation for vastly improving our ability to detect and describe differences among groups and associations among variables and provide a deeper and more accurate sense of when basic methods perform well and when they fail. Assuming no prior training,

Wilcox introduces students to basic p