Record Nr. UNINA9910811967003321 Autore Wilcox Rand R Titolo Introduction to robust estimation and hypothesis testing // Rand Wilcox Pubbl/distr/stampa Amsterdam;; Boston,: Academic Press, 2012 **ISBN** 1-283-39408-1 9786613394088 0-12-387015-1 Edizione [3rd ed.] Descrizione fisica 1 online resource (713 p.) Statistical Modeling and Decision Science Collana Disciplina 519.5/44 Soggetti Estimation theory Robust statistics Statistical hypothesis testing 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 and index. Nota di contenuto Machine generated contents note: Preface 1. Introduction 2. A Foundation for Robust Methods 3. Estimating Measures of Location and Scale 4. Confidence Intervals in the One-Sample Case 5. Comparing Two Groups 6. Some Multivariate Methods 7. One-Way and Higher Designs for Independent Groups 8. Comparing Multiple Dependent Groups 9. Correlation and Tests of Independence 10. Robust Regression 11. More Regression Methods. "This book focuses on the practical aspects of modern and robust Sommario/riassunto statistical methods. The increased accuracy and power of modern methods, versus conventional approaches to the analysis of variance (ANOVA) and regression, is remarkable. Through a combination of theoretical developments, improved and more flexible statistical methods, and the power of the computer, it is now possible to address problems with standard methods that seemed insurmountable only a

few years ago"--