

1. Record Nr.	UNINA9910451719703321
Autore	Cumming Geoff
Titolo	Understanding the new statistics : effect sizes, confidence intervals, and meta-analysis // Geoff Cumming
Pubbl/distr/stampa	New York : , : Routledge, , 2012
ISBN	1-136-65918-8 1-136-65919-6 0-203-80700-6
Edizione	[1st edition]
Descrizione fisica	1 online resource (xiv, 537 p.)
Collana	Multivariate applications series
Disciplina	300.727
Soggetti	Psychology, Experimental - Statistical methods Multivariate analysis Confidence intervals Electronic books.
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	Understanding The New Statistics Effect Sizes, Confidence Intervals, And Meta-Analysis; Copyright; Contents; Preface; 1. Introduction to The New Statistics; 2. From Null Hypothesis Significance Testing to Effect Sizes; 3. Confidence Intervals; 4. Confidence Intervals, Error Bars, and p Values; 5. Replication; 6. Two Simple Designs; 7. Meta-Analysis 1: Introduction and Forest Plots; 8. Meta-Analysis 2: Models; 9. Meta-Analysis 3: Larger-Scale Analyses; 10. The Noncentral t Distribution; 11. Cohen's d; 12. Power; 13. Precision for Planning 14. Correlations, Proportions, and Further Effect Size Measures 15. More Complex Designs and The New Statistics in Practice; Glossary; Commentary on Selected Exercises; Appendices; References; Copyright Permissions; Author Index; Subject Index
Sommario/riassunto	This is the first book to introduce the new statistics - effect sizes, confidence intervals, and meta-analysis - in an accessible way. It is chock full of practical examples and tips on how to analyze and report research results using these techniques. The book is invaluable to readers interested in meeting the new APA Publication Manual guidelines by adopting the new statistics - which are more informative

than null hypothesis significance testing, and becoming widely used in many disciplines. Accompanying the book is the Exploratory Software for Confidence Interval
