

1. Record Nr.	UNINA9910820985703321
Autore	Myers Jerome L.
Titolo	Research design and statistical analysis // Jerome L. Myers, Arnold D. Well, Robert F. Lorch, Jr
Pubbl/distr/stampa	New York : , : Routledge, , 2010
ISBN	1-135-81163-6 0-203-72663-4 1-283-96607-7 1-135-81156-3
Edizione	[3rd ed. /]
Descrizione fisica	1 online resource (xix, 809 pages) : illustrations
Altri autori (Persone)	LorchRobert Frederick <1952-> WellA (Arnold)
Disciplina	519.5
Soggetti	Experimental design Mathematical statistics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous edition: Mahwah, N.J.; London: L. Erlbaum, 2003.
Nota di bibliografia	Includes bibliographical references (p. 776-790) and indexes.
Nota di contenuto	pt. 1. Foundations of research design and data analysis -- pt. 2. Between-subjects designs -- pt. 3. Repeated-measures designs -- pt. 4. Correlation and regression -- pt. 5. Epilogue.
Sommario/riassunto	Research Design and Statistical Analysis provides comprehensive coverage of the design principles and statistical concepts necessary to make sense of real data. The book's goal is to provide a strong conceptual foundation to enable readers to generalize concepts to new research situations. Emphasis is placed on the underlying logic and assumptions of the analysis and what it tells the researcher, the limitations of the analysis, and the consequences of violating assumptions. Sampling, design efficiency, and statistical models are emphasized throughout. As per APA recommendations, emphasis is also placed on data exploration, effect size measures, confidence intervals, and using power analyses to determine sample size. "Real-world" data sets are used to illustrate data exploration, analysis, and interpretation. The book offers a rare blend of the underlying statistical assumptions, the consequences of their violations, and practical advice on dealing with them.

