

1. Record Nr.	UNINA9910153086803321
Autore	Davis Stephen F.
Titolo	Statistics and research methods : becoming a psychological detective / / Stephen F. Davis, Randolph A. Smith
Pubbl/distr/stampa	Harlow, Essex : , : Pearson, , [2014] Â©2014
ISBN	1-292-05258-9
Edizione	[First edition, Pearson new international edition.]
Descrizione fisica	II, 545 s : ill
Collana	Always Learning
Disciplina	150.72
Soggetti	Psychology - Research - Methodology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover -- Table of Contents -- 1. The Science of Psychology -- 2. Research Ideas and Hypotheses -- 3. Ethics in Psychological Research -- 4. Basic Statistical Concepts, Frequency Tables, Graphs, Frequency Distributions, and Measures of Central Tendency -- 5. The Basics of Experimentation I: Variables and Control -- 6. Summarizing and Comparing Data: Measures of Variation, Distribution of Means and the Standard Error of the Mean, and z Scores -- 7. The Basics of Experimentation II: Final Considerations, Unanticipated Influences, and Cross-Cultural Issues -- 8. Correlation and Prediction -- 9. Probability, the Normal Curve, and Sampling -- 10. Designing and Conducting Experiments with Two Groups -- 11. Inferential Tests of Significance I: t Tests -- 12. Designing and Conducting Experiments with More than Two Groups -- 13. Analyzing and Interpreting Experiments with More than Two Groups -- 14. Designing and Conducting Experiments with Multiple Independent Variables -- 15. Analyzing and Interpreting Experiments that Have Multiple Independent Variables -- 16. Alternative Research Designs -- 17. Data Transformations and Nonparametric Tests of Significance -- 18. External Validity and Critiquing Experimental Research -- Appendix: Statistical Tables -- Glossary.
Sommario/riassunto	For undergraduate Psychology courses in statistics and research methods. A forward-looking text that combines research methods and statistics, this book is valuable for a single course or a two-

semester sequence that covers what have traditionally been two separate courses.
