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Titolo	Excel 2013 for Social Sciences Statistics : A Guide to Solving Practical Problems / / by Thomas J. Quirk
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Descrizione fisica	1 online resource (XV, 257 p. 167 illus. in color.)
Collana	Excel for Statistics, , 2570-4605
Disciplina	300.727
Soggetti	Statistics Social sciences Psychology—Methodology Psychometrics Statistics for Social Sciences, Humanities, Law Methodology of the Social Sciences Psychological Methods/Evaluation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Sample Size, Mean, Standard Deviation and Standard Error of the Mean -- Random Number Generator -- Confidence Interval About the Mean Using the TINV Function and Hypothesis Testing -- One-Group t-Test for the Mean -- Two-Group t-Test of the Difference of the Means for Independent Groups -- Correlation and Simple Linear Regression -- Multiple Correlation and Multiple Regression -- One-Way Analysis of Variance (ANOVA) -- References -- Appendices -- Index.
Sommario/riassunto	This is the first book to show the capabilities of Microsoft Excel to teach social science statistics effectively. It is a step-by-step exercise-driven guide for students and practitioners who need to master Excel to solve practical social science problems. If understanding statistics isn't your strongest suit, you are not especially mathematically-inclined, or if you are wary of computers, this is the right book for you. Excel, a widely available computer program for students and managers, is also an effective teaching and learning tool for quantitative analyses in social science courses. Its powerful computational ability and graphical

functions make learning statistics much easier than in years past. However, Excel 2013 for Social Science Statistics: A Guide to Solving Practical Problems is the first book to capitalize on these improvements by teaching students and managers how to apply Excel to statistical techniques necessary in their courses and work. Each chapter explains statistical formulas and directs the reader to use Excel commands to solve specific, easy-to-understand social science problems. Practice problems are provided at the end of each chapter with their solutions in an Appendix. Separately, there is a full Practice Test (with answers in an Appendix) that allows readers to test what they have learned. Includes 167 illustrations in color Suitable for upper undergraduates or graduate students.
