

1. Record Nr.	UNINA9910453698403321
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Titolo	Explaining psychological statistics // Barry H. Cohen, New York University
Pubbl/distr/stampa	Hoboken, NJ : , : John Wiley & Sons, , 2013 ©2014
ISBN	1-118-65214-2 1-118-65224-X
Edizione	[4th ed.]
Descrizione fisica	1 online resource (850 p.)
Collana	Coursesmart
Classificazione	PSY032000
Disciplina	150.1 150/.1/5195
Soggetti	Psychometrics Psychology - Mathematical models Statistics - Study and teaching (Higher) PSYCHOLOGY / Statistics 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	Cover; Title Page; Copyright; Contents; Key Formulas; Key Formulas; Preface to the Fourth Edition; Acknowledgments; Part One Descriptive Statistics; Chapter 1 Introduction to Psychological Statistics; A. Conceptual Foundation; What Is (Are) Statistics?; Statistics and Research; Variables and Constants; Scales of Measurement; Parametric Versus Nonparametric Statistics; Likert Scales and the Measurement Controversy; Continuous Versus Discrete Variables; Scales Versus Variables Versus Underlying Constructs; Independent Versus Dependent Variables; Experimental Versus Observational Research Populations Versus Samples; Statistical Formulas; Summary; Exercises; B. Basic Statistical Procedures; Variables With Subscripts; The Summation Sign; Properties of the Summation Sign; Rounding Off Numbers; Summary; Exercises; C. Analysis by SPSS; Ihno's Data; Variable View; Data Coding; Missing Values; Computing New Variables; Reading Excel Files Into SPSS; Exercises; Chapter 2 Frequency Tables, Graphs, and Distributions; A. Conceptual Foundation; Frequency Distributions; The

Cumulative Frequency Distribution; The Relative Frequency and Cumulative Relative Frequency Distributions
The Cumulative Percentage Distribution Percentiles; Graphs; Real Versus Theoretical Distributions; Summary; Exercises; B. Basic Statistical Procedures; Grouped Frequency Distributions; Apparent Versus Real Limits; Constructing Class Intervals; Choosing the Class Interval Width; Choosing the Limits of the Lowest Interval; Relative and Cumulative Frequency Distributions; Cumulative Percentage Distribution; Estimating Percentiles and Percentile Ranks by Linear Interpolation; Graphing a Grouped Frequency Distribution; Guidelines for Drawing Graphs of Frequency Distributions; Summary; Exercises
C. Analysis by SPSS Creating Frequency Distributions; Percentile Ranks and Missing Values; Graphing Your Distribution; Obtaining Percentiles; The Split File Function; Stem-and-Leaf Plots; Exercises; Chapter 3 Measures of Central Tendency and Variability; A. Conceptual Foundation; Measures of Central Tendency; Measures of Variability; Skewed Distributions; Summary; Exercises; B. Basic Statistical Procedures; Formulas for the Mean; Computational Formulas for the Variance and Standard Deviation; Obtaining the Standard Deviation Directly From Your Calculator; Properties of the Mean
Properties of the Standard Deviation Measuring Skewness; Measuring Kurtosis; Summary; Exercises; C. Analysis by SPSS; Summary Statistics; Using Explore to Obtain Additional Statistics; Boxplots; Selecting Cases; Exercises; Key Formulas; Chapter 4 Standardized Scores and the Normal Distribution; A. Conceptual Foundation; z Scores; Finding a Raw Score From a z Score; Sets of z Scores; Properties of z Scores; SAT, T, and IQ Scores; The Normal Distribution; Introducing Probability: Smooth Distributions Versus Discrete Events; Real Distributions Versus the Normal Distribution
z Scores as a Research Tool

Sommario/riassunto

"Now in its 4th edition, this popular and comprehensive graduate-level statistics text offers students an easy to grasp and non-intimidating approach to statistics for the non-mathematician. The text provides practical coverage of SPSS in every chapter, including screen shots, procedures, exercises, and direction on how to interpret SPSS output. The use of common data sets throughout the book aid in student comprehension. Now with a new chapter showing students how to apply the right test in the right way to come out with the most accurate and true result, the new edition continues to offer students a lively and engaging introduction to the field"--
