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Edizione	[1st ed.]
Descrizione fisica	1 online resource (182 p.)
Disciplina	519.50285
Soggetti	Mathematical statistics - Computer programs Social sciences - Statistical methods - Computer programs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographic references and index.
Nota di contenuto	Intro -- Title -- Copyright -- Contents -- Part One: Pre-Test Considerations -- Chapter 1: Introduction -- What this book does -- The organisation of content -- Data sets and additional information -- How to use this book -- Acknowledgements -- Chapter 2: Descriptive and inferential statistics introduced -- Descriptive statistics -- Inferential statistics -- Chapter 3: Parametric and non-parametric tests -- Different types of data -- Parametric versus non-parametric data -- Chapter 4: Using SPSS -- Data entry in spreadsheet formats -- Data entry with SPSS -- Chapter 5: Practical research -- Data analysis in context -- Notes on research design -- A suggestion for data analysis structure -- Selecting cases -- Other data manipulation techniques -- Part Two: Using the Statistical Tests -- Chapter 6: Experiments and quasi-experiments -- The analysis of differences -- Unrelated and related design -- Two or more conditions -- Data type -- Research design terminology -- Different subjects, two conditions -- Different subjects, more than two conditions -- Same subjects, two conditions -- Same subjects, more than two conditions -- Factorial ANOVA -- Reading factorial ANOVA charts -- Multiple comparisons -- Chapter 7:

Frequency of observations -- Dichotomies: the binomial test --
Repeated dichotomies: the McNemar test -- More than two conditions:
Chi-square goodness of fit test -- Customising expected values: Chi-
square goodness of fit -- Relationships between variables: Chi-square
test of association -- Chapter 8: The time until events -- Statistical
assumptions -- The Kaplan-Meier survival function -- The life table --
Chapter 9: Correlations, regression and factor analysis -- Correlation
-- Regression -- Partial correlation: 'partialling out' -- The multiple
correlation matrix -- Factor analysis: a data reduction methodology --
Part Three: Miscellaneous.
Chapter 10: Exercises -- Questions -- Answers -- Chapter 11:
Reporting in applied settings -- Raw data or central tendency? --
Charts -- Written reporting -- Verbal reporting -- Chapter 12:
Advanced statistical techniques: a taster -- MANOVA -- Cluster
analysis -- Logistic regression -- Cox's regression (aka the Cox model)
-- Some thoughts on ANCOVA -- References -- Index.

Sommario/riassunto

Clearly explains how to use SPSS statistical software, including tests
and worked examples.
