

1. Record Nr.	UNINA9910164049103321
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Titolo	Understanding statistics in psychology with SPSS // Dennis Howitt and Duncan Cramer
Pubbl/distr/stampa	Harlow, England ; ; New York, New York : , : Pearson, , [2017]
Edizione	[Seventh edition.]
Descrizione fisica	1 online resource (755 pages) : color illustrations
Disciplina	150.15195
Soggetti	Psychometrics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Revised edition of the authors' Introduction to statistics in psychology, 2013.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1.1 Introduction; 1.2 Research on learning statistics; 1.3 What makes learning statistics difficult?; 1.4 Positive about statistics; 1.5 What statistics doesn't do; 1.6 Easing the way; 1.7 What do I need to know to be an effective user of statistics?; 1.8 A few words about SPSS; 1.9 Quick guide to the book's procedures and statistical tests; Key points; Computer analysis: SPSS Analyze Graphs and Transform drop-down menus; Part 1 Descriptive statistics -- 2 Some basics: Variability and measurement -- Overview; 2.1 Introduction; 2.2 Variables and measurement; 2.3 Major types of measurement; Key points; Computer analysis: Some basics of data entry using SPSS; 3 Describing variables: Tables and diagrams; Overview; 3.1 Introduction; 3.2 Choosing tables and diagrams; 3.3 Errors to avoid; Key points; Computer analysis: Tables, diagrams and recoding using SPSS; 4 Describing variables numerically: Averages, variation and spread; Overview; 4.1 Introduction; 4.2 Typical scores: mean, median and mode; 4.3 Comparison of mean, median and mode -- 4.4 Spread of scores: range and interquartile range; 4.5 Spread of scores: variance; Key points; Computer analysis: Descriptive statistics using SPSS; 5 Shapes of distributions of scores; Overview; 5.1 Introduction; 5.2 Histograms and frequency curves; 5.3 Normal curve; 5.4 Distorted curves; 5.5 Other frequency curves; Key points; Computer analysis: Frequencies using SPSS; 6 Standard deviation and z-scores: Standard unit of measurement in statistics; Overview; 6.1 Introduction; 6.2 Theoretical background;

6.3 Measuring the number of standard deviations ; the z-score; 6.4 Use of z-scores -- 6.5 Standard normal distribution -- 6.6 Important feature of z-scores; Key points; Computer analysis: Standard deviation and z-scores using SPSS; 7 Relationships between two or more variables: Diagrams and tables; Overview; 7.1 Introduction; 7.2 Principles of diagrammatic and tabular presentation; 7.3 Type A: both variables numerical scores; 7.4 Type B: both variables nominal categories; 7.5 Type C: one variable nominal categories, the other numerical scores; Key points; Computer analysis: Cross tabulation and compound bar charts using SPSS -- 8 Correlation coefficients: Pearson's correlation and Spearman's rho -- Overview; 8.1 Introduction; 8.2 Principles of the correlation coefficient; 8.3 Some rules to check out; 8.4 Coefficient of determination; 8.5 Significance testing; 8.6 Spearman's rho -- another correlation coefficient; 8.7 Example from the literature; Key points; Computer analysis: Correlation coefficients using SPSS; Computer analysis: Scattergram using SPSS; 9 Regression: Prediction with precision; Overview; 9.1 Introduction; 9.2 Theoretical background and regression equations.

Sommario/riassunto

Understanding Statistics in Psychology with SPSS 7th edition, offers students a trusted, straightforward, and engaging way of learning how to carry out statistical analyses and use SPSS with confidence. Comprehensive and practical, the text is organised by short, accessible chapters, making it the ideal text for undergraduate psychology students needing to get to grips with Statistics in class or independently. Clear diagrams and full colour screenshots from SPSS make the text suitable for beginners while the broad coverage of topics ensures that students can continue to use it as they pro.
