

1. Record Nr.	UNISA996466391203316
Autore	Roni Saiyidi Mat
Titolo	Data analysis with SPSS for survey-based research / / Saiyidi Mat Roni, Hadrian Geri Djajadikerta
Pubbl/distr/stampa	Singapore : , : Springer, , [2021] ©2021
ISBN	981-16-0193-3
Descrizione fisica	1 online resource (273 pages) : illustrations
Disciplina	005.55
Soggetti	Social sciences - Statistical methods - Computer programs Ciències socials Estadística Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Preface -- Acknowledgement -- Preliminary Data Analysis Checklist -- Contents -- About the Authors -- Chapter 1: Research Instrument Design and Sample -- 1.1 Survey -- 1.1.1 Working with Directly Observed Variables -- 1.1.2 Designing Questions for Latent Variables -- 1.2 Sample Size -- References -- Chapter 2: SPSS Basics -- 2.1 Data and Variable Views -- 2.2 Output Window -- 2.3 SPSS Syntax -- Chapter 3: Preliminary Data Analysis: An Analysis Before the Analysis -- 3.1 Cleaning up Your Data: Monotone -- 3.2 Polishing Your Data: Missing Values and Outliers -- 3.2.1 Identifying and Recoding Missing Values -- 3.3 Missing Values Analysis (MVA) -- 3.3.1 Multiple Imputation (MI) -- 3.3.2 Expected Maximisation (EM) -- 3.3.3 Identifying and Treating Outliers -- 3.4 Normal Distribution -- 3.5 Data Transformation -- References -- Chapter 4: Factor Analysis: Combining Related Question-Items into Latent Variables -- References -- Chapter 5: Assess the Quality of Your Instrument -- 5.1 Reliability -- 5.2 Validity -- References -- Chapter 6: Latent Variable -- 6.1 Addressing Biases -- 6.1.1 Non-Response Bias -- 6.1.2 Common Method Bias -- References -- Chapter 7: Test of Differences Among Groups -- 7.1 t-Test: Testing Differences Between Two Groups --

7.1.1 Independent Samples t-Test -- 7.1.2 Paired Samples t-Test --
7.2 ANOVA: Testing More than Two Groups -- 7.3 ANCOVA: Testing
Differences and Controlling for Covariate -- References -- Chapter 8:
Test of Correlations -- 8.1 Pearson Correlation -- 8.2 Pearson
Correlation with Bootstrap -- References -- Chapter 9: Regression --
9.1 Simple Regression -- 9.1.1 Regression with Bootstrap -- 9.1.2
Quantile Regression -- 9.2 Multiple Regression -- 9.3 Hierarchical
Multiple Regression -- References -- Chapter 10: Non-Parametric
Tests -- 10.1 Mann-Whitney U -- 10.2 Kruskal-Wallis -- 10.3
Jonckheere-Terpstra.
10.4 Chi-Square -- 10.5 Wilcoxon's Sign Rank -- 10.6 Spearman Rho
and Kendall Tau Correlation -- References -- Bibliography -- Index.
