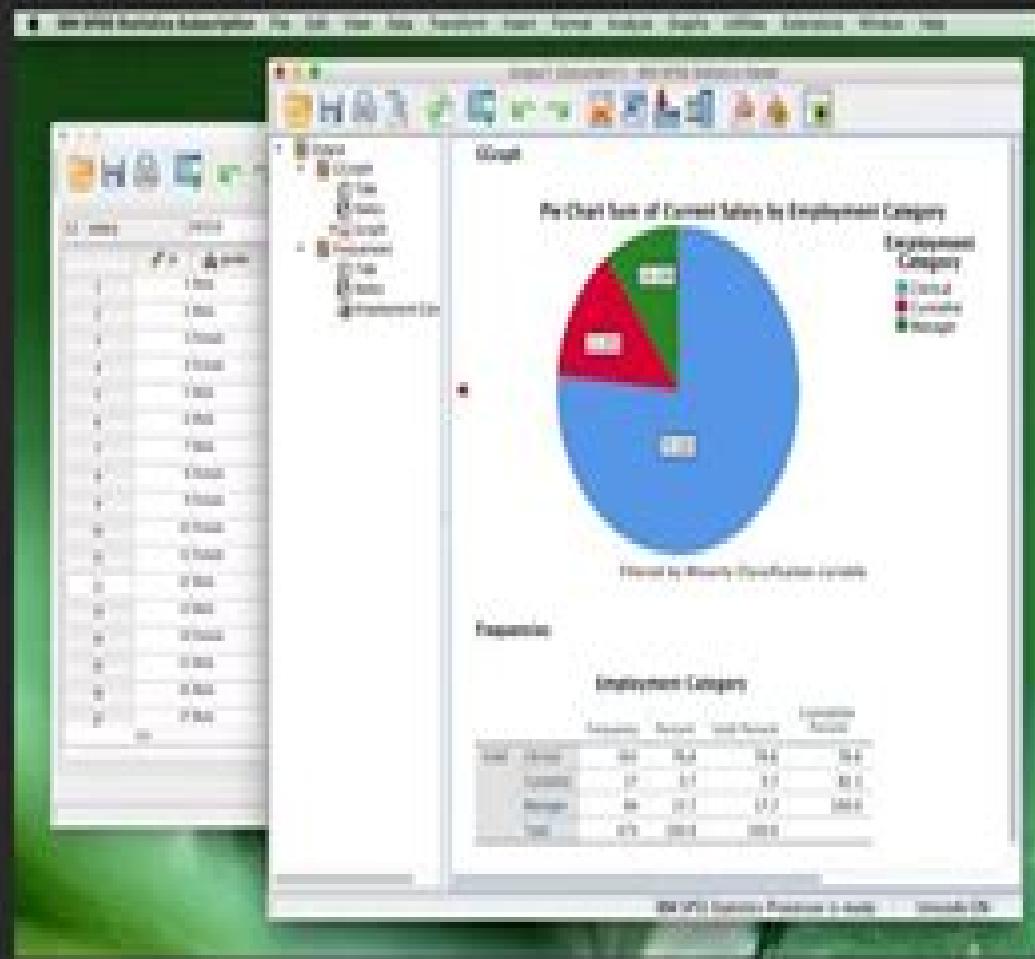


# WHAT SPSS IS AND WHAT IT'S FOR

- ✓ MEANING, FUNCTIONALITIES AND FEATURES OF IBM SPSS SOFTWARE
- ✓ ALL ABOUT THE LEADING STATISTICAL SOFTWARE.



SPSS  
STATISTICS

# Spss Explained

**Marija J. Norušis, SPSS Inc**

## **Spss Explained:**

**SPSS Explained** Perry Hinton, Dr,Perry R. Hinton,Isabella McMurray,Charlotte Brownlow,2004-12 Provides the student with all that they need to undertake statistical analysis using SPSS guiding them from the basic rationale behind the statistics through detailed explanations of the procedures to all aspects of the SPSS output

### **SPSS Explained** Perry R.

Hinton,Isabella McMurray,Charlotte Brownlow,2014-03-21 SPSS Explained provides the student with all that they need to undertake statistical analysis using SPSS It combines a step by step approach to each procedure with easy to follow screenshots at each stage of the process A number of other helpful features are provided regular advice boxes with tips specific to each test explanations divided into essential and advanced sections to suit readers at different levels frequently asked questions at the end of each chapter The first edition of this popular book has been fully updated for IBM SPSS version 21 and also includes chapters that explain bootstrapping and how this is used an introduction to binary logistic regression coverage of new features such as Chart Builder Presented in full colour and with a fresh reader friendly layout this fully updated new edition also comes with a companion website featuring an array of supplementary resources for students The authors have many years of experience in teaching SPSS to students from a wide range of disciplines Their understanding of SPSS users concerns as well as a knowledge of the type of questions students ask form the foundation of this book Minimal prior knowledge is assumed so the book is well designed for the novice user but it will also be a useful reference source for those developing their own expertise in SPSS It is suitable for all students who need to do statistical analysis using SPSS in various departments including Psychology Social Science Business Studies Nursing Education Health and Sport Science Communication and Media Geography and Biology

### *Presenting Your Data with SPSS Explained* Perry R. Hinton,Isabella

McMurray,2017-07-14 Data Presentation with SPSS Explained provides students with all the information they need to conduct small scale analysis of research projects using SPSS and present their results appropriately in their reports

Quantitative data can be collected in the form of a questionnaire survey or experimental study This book focuses on presenting this data clearly in the form of tables and graphs along with creating basic summary statistics Data Presentation with SPSS Explained uses an example survey that is clearly explained step by step throughout the book This allows readers to follow the procedures and easily apply each step in the process to their own research and findings No prior knowledge of statistics or SPSS is assumed and everything in the book is carefully explained in a helpful and user friendly way using worked examples This book is the perfect companion for students from a range of disciplines including psychology business communication education health humanities marketing and nursing many of whom are unaware that this extremely helpful program is available at their institution for their use

### *IBM SPSS Statistics 26 Step by Step* Darren George,Paul

Mallery,2019-12-06 IBM SPSS Statistics 26 Step by Step A Simple Guide and Reference sixteenth edition takes a straightforward step by step approach that makes SPSS software clear to beginners and experienced researchers alike

Extensive use of four color screen shots clear writing and step by step boxes guide readers through the program Output for each procedure is explained and illustrated and every output term is defined Exercises at the end of each chapter support students by providing additional opportunities to practice using SPSS This book covers the basics of statistical analysis and addresses more advanced topics such as multi dimensional scaling factor analysis discriminant analysis measures of internal consistency MANOVA between and within subjects cluster analysis Log linear models logistic regression and a chapter describing residuals Back matter includes a description of data files used in exercises an exhaustive glossary suggestions for further reading and a comprehensive index IMB SPSS Statistics 26 Step by Step is distributed in 85 countries has been an academic best seller through most of the earlier editions and has proved invaluable aid to thousands of researchers and students New to this edition Screenshots explanations and step by step boxes have been fully updated to reflect SPSS 26 How to handle missing data has been revised and expanded and now includes a detailed explanation of how to create regression equations to replace missing data More explicit coverage of how to report APA style statistics this primarily shows up in the Output sections of Chapters 6 through 16 though changes have been made throughout the text *How to Use SPSS®* Brian C. Cronk,2024-01-15 How to Use SPSS is designed with the novice computer user in mind and for people who have no previous experience using SPSS Each chapter is divided into short sections that describe the statistic being used important underlying assumptions and how to interpret the results and express them in a research report The book begins with the basics such as starting SPSS defining variables and entering and saving data It covers all major statistical techniques typically taught in beginning statistics classes such a descriptive statistics graphing data prediction and association parametric inferential statistics nonparametric inferential statistics and statistics for test construction More than 275 screenshots including sample output throughout the book show students exactly what to expect as they follow along using SPSS The book includes a glossary of statistical terms and practice exercises A complete set of online resources including video tutorials and output files for students and PowerPoint slides and test bank questions for instructors make How to Use SPSS the definitive field tested resource for learning SPSS New to this edition Fully updated to reflect SPSS version 29 Every screen shot has been recaptured New video supplements for all practice exercises References to significance levels have been updated to reflect the new SPSS output format Effect size is now shown in output for many procedures and reference to some effect size has been moved from Appendix A to be more integrated into the chapters Sample results sections now also include effect size where SPSS directly calculates effect size A new section covering the EXPLORE command has been added to Chapter 3 *Approaching Multivariate Analysis, 2nd Edition* Pat Dugard,John Todman,Harry Staines,2022-06-30 This fully updated new edition not only provides an introduction to a range of advanced statistical techniques that are used in psychology but has been expanded to include new chapters describing methods and examples of particular interest to medical researchers It takes a very practical approach aimed at enabling readers to begin

using the methods to tackle their own problems This book provides a non mathematical introduction to multivariate methods with an emphasis on helping the reader gain an intuitive understanding of what each method is for what it does and how it does it The first chapter briefly reviews the main concepts of univariate and bivariate methods and provides an overview of the multivariate methods that will be discussed bringing out the relationships among them and summarising how to recognise what types of problem each of them may be appropriate for tackling In the remaining chapters introductions to the methods and important conceptual points are followed by the presentation of typical applications from psychology and medicine using examples with fabricated data Instructions on how to do the analyses and how to make sense of the results are fully illustrated with dialogue boxes and output tables from SPSS as well as details of how to interpret and report the output and extracts of SPSS syntax and code from relevant SAS procedures This book gets students started and prepares them to approach more comprehensive treatments with confidence This makes it an ideal text for psychology students medical students and students or academics in any discipline that uses multivariate methods

### **IBM SPSS Statistics 27**

**Step by Step** Darren George,Paul Mallery,2021-12-28 IBM SPSS Statistics 27 Step by Step A Simple Guide and Reference seventeenth edition takes a straightforward step by step approach that makes SPSS software clear to beginners and experienced researchers alike Extensive use of four color screen shots clear writing and step by step boxes guide readers through the program Output for each procedure is explained and illustrated and every output term is defined Exercises at the end of each chapter support students by providing additional opportunities to practice using SPSS This book covers the basics of statistical analysis and addresses more advanced topics such as multidimensional scaling factor analysis discriminant analysis measures of internal consistency MANOVA between and within subjects cluster analysis Log linear models logistic regression and a chapter describing residuals The end sections include a description of data files used in exercises an exhaustive glossary suggestions for further reading and a comprehensive index IBM SPSS Statistics 27 Step by Step is distributed in 85 countries has been an academic best seller through most of the earlier editions and has proved an invaluable aid to thousands of researchers and students New to this edition Screenshots explanations and step by step boxes have been fully updated to reflect SPSS 27 A new chapter on a priori power analysis helps researchers determine the sample size needed for their research before starting data collection

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Darren George,Paul Mallery,2016-03-22 IBM SPSS Statistics 23 Step by Step A Simple Guide and Reference 14e takes a straightforward step by step approach that makes SPSS software clear to beginners and experienced researchers alike Extensive use of vivid four color screen shots clear writing and step by step boxes guide readers through the program Exercises at the end of each chapter support students by providing additional opportunities to practice using SPSS All datasets used in the book are available for download at <https://www.routledge.com/products/9780134320250>

### **How to Use IBM SPSS Statistics**

Brian C. Cronk,2016-10-04 Designed for use by novice computer users this text begins with the basics such as starting SPSS

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**SPSS-X User's Guide** ,1988 An introduction to the system

Data definition and management Data analysis and reporting

**Using SPSS Syntax** Jacqueline Collier,2009-10-21 SPSS

syntax is the command language used by SPSS to carry out all of its commands and functions In this book Jacqueline Collier introduces the use of syntax to those who have not used it before or who are taking their first steps in using syntax Without requiring any knowledge of programming the text outlines how to become familiar with the syntax commands how to create and manage the SPSS journal and syntax files and how to use them throughout the data entry management and analysis process Collier covers all aspects of data management from data entry through to data analysis including managing the errors and the error messages created by SPSS Syntax commands are clearly explained and the value of syntax is demonstrated through examples This book also supports the use of SPSS syntax alongside the usual button and menu driven graphical interface GIF using the two methods together in a complementary way The book is written in such a way as to enable you to pick and choose how much you rely on one method over the other encouraging you to use them side by side with a gradual increase in use of syntax as your knowledge skills and confidence develop This book is ideal for all those carrying out quantitative research in the health and social sciences who can benefit from SPSS syntax s capacity to save time reduce errors and allow a data audit trail

**SPSS Explained** ,2005

**SPSS X User's Guide** SPSS Inc,1986 Contains

Documentation for the Following SPSS Facilities Tablebuilder Matrix Probit Plot Alscat Cluster Quick Cluster Lisrel Hilog

**How to Use SPSS** Brian C. Cronk,2018 Designed for use by novice computer users this text begins with the basics such as starting SPSS defining variables and entering and saving data All major statistical techniques covered in beginning statistics classes are included descriptive statistics graphing data prediction and association parametric inferential statistics nonparametric inferential statistics statistics for test construction Each section starts with a brief description of the statistic that is covered and important underlying assumptions which help students select appropriate statistics Each section describes how to interpret results and express them in a research report after the data are analyzed For example students

are shown how to phrase the results of a significant and an insignificant t test More than 200 screenshots including sample output throughout the book show students exactly what to expect as they follow along using SPSS A glossary of statistical terms is included which makes a handy reference for students who need to review the meanings of basic statistical terms Practice exercises throughout the book give students stimulus material to use as they practice to achieve mastery of the program Thoroughly field tested your students are certain to appreciate this book **User's Guide to the National Fire Occurrence Data Library** Richard F. Yancik,1982 *Data Analysis Using SPSS for Windows - Version 6* Jeremy J Foster, Dr,1998-10-28 SPSS for Windows is the most widely used computer package for analyzing quantitative data In a clear readable non technical style this book teaches beginners how to use the program input and manipulate data use descriptive analyses and inferential techniques including t tests analysis of variance correlation and regression nonparametric techniques and reliability analysis and factor analysis The author provides an overview of statistical analysis and then shows in a simple step by step method how to set up an SPSS file in order to run an analysis as well as how to graph and display data He explains how to use SPSS for all the main statistical approaches you would expect to find in an introductory statistics course The book is written for users of Versions 6 and 6 1 but will be equally valuable to users of later versions **SPSS X**

**Introductory Statistics Guide** Marija J. Norušis,SPSS Inc,1983 User manual introducing the basic features and processes of a computer programme for statistical analysis and calculation in the social sciences covers descriptive statistics cross tabulation sample surveys correlation analysis of variance multiple linear regression distribution free tests etc Bibliography

**IBM SPSS Statistics 29 Step by Step** Darren George,Paul Mallery,2024-03-29 IBM SPSS Statistics 29 Step by Step A Simple Guide and Reference eighteenth edition takes a straightforward step by step approach that makes SPSS software clear to beginners and experienced researchers alike Extensive use of four color screen shots clear writing and step by step boxes guide readers through the program Output for each procedure is explained and illustrated and every output term is defined Exercises at the end of each chapter support students by providing additional opportunities to practice using SPSS This book covers the basics of statistical analysis and addresses more advanced topics such as multidimensional scaling factor analysis discriminant analysis measures of internal consistency MANOVA between and within subjects cluster analysis Log linear models logistic regression and a chapter describing residuals New to this edition is a new chapter on meta analysis that describes new SPSS procedures for analyzing effect sizes across studies and the content has been thoroughly updated in line with the latest version of the SPSS software SPSS 29 The end sections include a description of data files used in exercises an exhaustive glossary suggestions for further reading and a comprehensive index Accompanied by updated online instructor s materials and website data files this is an essential resource for instructors and students needing a guide to using SPSS in their work across the social sciences behavioural sciences education and beyond **IBM SPSS Statistics 25 Step by Step** Darren George,Paul Mallery,2018-10-16 IBM SPSS Statistics 25 Step by Step A Simple Guide and

Reference fifteenth edition takes a straightforward step by step approach that makes SPSS software clear to beginners and experienced researchers alike. Extensive use of four color screen shots, clear writing, and step by step boxes guide readers through the program. Exercises at the end of each chapter support students by providing additional opportunities to practice using SPSS. This book covers both the basics of descriptive statistical analysis using SPSS through to more advanced topics such as multiple regression, multidimensional scaling, and MANOVA, including instructions for Windows and Mac. This makes it ideal for both undergraduate statistics courses and for postgraduates looking to further develop their statistics and SPSS knowledge. New to this edition: Updated throughout to SPSS 25. Updated restructured material on Chart Builder, Univariate ANOVA, moderation on two and three way ANOVA, and Factor Analytic Techniques (formerly Factor Analysis structure). New material on computing z and T scores and on computing z scores within descriptive statistics. Clearer in chapter links between the type of data and type of research question that the procedure can answer. Updated additional datasets, exercises and expanded Companion Website material including Powerpoint slides for instructors.

**Data Analysis with IBM SPSS Statistics** Kenneth Stehlik-Barry, Anthony J. Babinec, 2017-09-22. Master data management analysis techniques with IBM SPSS Statistics 24. About This Book: Leverage the power of IBM SPSS Statistics to perform efficient statistical analysis of your data. Choose the right statistical technique to analyze different types of data and build efficient models from your data with ease. Overcome any hurdle that you might come across while learning the different SPSS Statistics concepts with clear instructions, tips and tricks. Who: This Book Is For: This book is designed for analysts and researchers who need to work with data to discover meaningful patterns but do not have the time or inclination to become programmers. We assume a foundational understanding of statistics such as one would learn in a basic course or two on statistical techniques and methods. What You Will Learn: Install and set up SPSS to create a working environment for analytics. Techniques for exploring data visually and statistically, assessing data quality and addressing issues related to missing data. How to import different kinds of data and work with it. Organize data for analytical purposes, create new data elements, sampling, weighting, subsetting and restructure your data. Discover basic relationships among data elements, bivariate data patterns, differences in means, correlations. Explore multivariate relationships. Leverage the offerings to draw accurate insights from your research and benefit your decision making. In Detail: SPSS Statistics is a software package used for logical batched and non batched statistical analysis. Analytical tools such as SPSS can readily provide even a novice user with an overwhelming amount of information and a broad range of options for analyzing patterns in the data. The journey starts with installing and configuring SPSS Statistics for first use and exploring the data to understand its potential as well as its limitations. Use the right statistical analysis technique such as regression, classification and more, and analyze your data in the best possible manner. Work with graphs and charts to visualize your findings. With this information in hand, the discovery of patterns within the data can be undertaken. Finally, the high level objective of developing predictive models that can be applied to other situations will

be addressed By the end of this book you will have a firm understanding of the various statistical analysis techniques offered by SPSS Statistics and be able to master its use for data analysis with ease Style and approach Provides a practical orientation to understanding a set of data and examining the key relationships among the data elements Shows useful visualizations to enhance understanding and interpretation Outlines a roadmap that focuses the process so decision regarding how to proceed can be made easily

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