Download free Data mining with ibm spss through examples format (2023)

IBM SPSS by Example Analysis of Multivariate Data with SPSS Quick Guide to IBM® SPSS® How to Use SPSS® A Crash Course in SPSS for Windows Statistical Analysis Quick Reference Guidebook SPSS Version 18.0 for Windows Presenting Your Data with SPSS Explained Using SPSS for Windows Introduction to Statistics with SPSS for Social Science SPSS Statistics: A Practical Guide 5e Using SPSS Syntax SPSS Version 20. 0 for Windows IBM SPSS Essentials Using SPSS for Windows How to Use IBM SPSS Statistics Data Mining with SPSS Modeler Data Mining with IBM SPSS Through Examples Discovering Statistics Using IBM SPSS Statistics SPSS SPSS for Starters, Part 2 Essential First Steps to Data Analysis Social Statistics SPSS A Student Guide to SPSS Using SPSS for Windows and Macintosh An Introductory Guide to SPSS? for Windows? Introductory Statistical Procedures with SPSS An IBM® SPSS® Companion to Political Analysis Basic SPSS® Tutorial SPSS for Windows Workbook to Accompany Large Sample Examples of Using Multivariate Statistics Discovering Statistics Using SPSS Multilevel Modeling of Categorical Outcomes Using IBM SPSS Statistics for Research Data Analysis with IBM SPSS Statistics Multilevel and Longitudinal Modeling with IBM SPSS SPSS Base 10.0 Applications Guide Discovering Statistics Using IBM SPSS Statistics Using Statistics in the Social and Health Sciences with SPSS and Excel SPSS for Psychologists

IBM SPSS by Example *2014-12-31*

the updated second edition of alan c elliott and wayne a woodward s cut to the chase ibm spss guide quickly explains the when where and how of statistical data analysis as it is used for real world decision making in a wide variety of disciplines this one stop reference provides succinct guidelines for performing an analysis using spss software avoiding pitfalls interpreting results and reporting outcomes written from a practical perspective ibm spss by example second edition provides a wealth of information from assumptions and design to computation interpretation and presentation of results to help users save time money and frustration

Analysis of Multivariate Data with SPSS 2020-09-09

the book introduces the most important statistical methods for analyzing multivariate data sets after reading the book the reader female male is able to autonomously carry out comprehensive statistical analyzes of data the steps for finding a solution with spss are shown in the book the individual procedures are explained using easy to understand examples to ensure learning success previous knowledge of statistics is helpful for reading the book but not essential the procedures presented are plausible even without prior basic knowledge of statistics this book was written over a period of twenty semesters and benefited from the questions raised by the listeners in my lecture

Quick Guide to IBM® SPSS® *2019-07-22*

alan c elliott and wayne a woodward s quick guide to ibm spss statistical analysis with step by step examples gives students the extra guidance with spss they need without taking up valuable in class time a practical accessible guide for using software while doing data analysis in the social sciences students can learn spss on their own allowing instructors to focus on the concepts and calculations in their lectures rather than spss tutorials designed to work across disciplines the authors have provided a number of spss step by step examples in chapters showing the user how to plan a study prepare data for analysis perform the analysis and interpret the output from spss the new third edition covers ibm spss version 25 includes a new section on syntax and all chapters have been updated to reflect current menu options along with many spss screenshots making the process much simpler for the user in addition helpful hints and insights are provided through the features tips and caveats and sidebars

How to Use SPSS® *2017-11-10*

how to use spss is designed with the novice computer user in mind and for people who have no previous experience of 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 as descriptive statistics graphing data prediction and association parametric inferential statistics nonparametric inferential statistics and statistics for test construction more than 250 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 spss 24 and ibm spss statistics cloud new chapter on anova new material on inter rater reliability new material on syntax additional coverage of data entry and management

A Crash Course in SPSS for Windows 2011-08-31

this quick simple and user friendly introduction to spss for windows has now been updated so that it can be used with versions 14 to 16 of the software for this edition a section has been added on partial correlation together with new material on sorting classifying and coding data inserting variables and cases and paneling charts and graphs and the chapter on charts and graphs has been completely rewritten in line with changes to the spss chart builder the supporting website allows data sets used in the book to be downloaded from the internet and provides additional examples from various social science disciplines the fourth edition retains all of the features that have made the text so attractive to students and teachers the material is concise and focused enabling most users to learn the basics comfortably within 10 hours all the most widely used statistical techniques and graphic facilities in spss for windows are clearly described every statistical procedure is explained with the help of a step by step analysis of a numerical example taken from real data in published research the authors have chosen small data sets so that readers do not waste unnecessary time inputting data screenshots on the page make it easy for students to cross between the text and the screen online support material to accompany the text is available at blackwellpublishing com crashcourse

Statistical Analysis Quick Reference Guidebook 2007

a practical cut to the chase handbook that quickly explains the when where and how of statistical data analysis as it is used for real world decision making in a wide variety of disciplines in this one stop reference the authors provide succinct guidelines for performing an analysis avoiding pitfalls interpreting results and reporting outcomes

SPSS Version 18.0 for Windows 2011-12-12

this latest edition of spss analysis without anguish is based on version 18 0 of spss for windows also known as pasw statistics 18 it serves as a useful guide for both the beginner and experienced users of the software with extensive screen displays and step by step examples spss analysis without anguish version 18 0 is software used by social scientists and related

professionals for statistical analysis across a number of disciplines including business health social sciences environmental science and geography it can also be value packed with other wiley textbooks in subjects such as statistics market research and research methods to save students money spss will run on both pc and mac

Presenting Your Data with SPSS Explained *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

Using SPSS for Windows *2013-04-17*

this book is a self teaching guide to the spss for windows computer package it is designed to be used with spss version 8 0 and beyond although many of the procedures are also applicable to earlier versions of spss this guide is ex tremely easy to follow since all procedures are outlined in a straightforward step by step format because of its self instructional nature the beginning stu dent can learn to analyze statistical data with spss without outside assistance the reader is walked through numerous examples that illustrate how to use the spss package the results produced by spss are shown and discussed in each application each chapter demonstrates statistical procedures and provides exer cises that reinforce the text examples and can be performed for further practice chapter 1 of this guide describes how to start the spss program and how to open data files chapters 2 through 16 give descriptions of statistical procedures which assume that a data file has been opened this manual describes basic de scriptive statistics through multiple regression analysis with three chapters 7 9 that discuss probability theory simple definitions of statistical concepts are pro vided for each procedure

Introduction to Statistics with SPSS for Social Science *2014-09-19*

this is a complete guide to statistics and spss for social science students statistics with spss for social science provides a step by step explanation of all the important statistical concepts tests and procedures it is also a guide to getting started with spss and includes screenshots to illustrate explanations with examples specific to social sciences this text is essential for any

student in this area

SPSS Statistics: A Practical Guide 5e *2010*

spss statistics a practical guide gives students step by step guidance through the process of using spss software to analyse interpret and report on data this spiral bound text is concise yet detailed and is praised for its friendly practical and visual pedagogical approach that focuses on doing the illustrated step by step examples work through each statistical procedure and are followed by interpretation and reporting of results in apa style resources for the instructor include instructor manual powerpoints practical exercises and datasets revision quizzes syntax sets and more

Using SPSS Syntax *2012-10-26*

spss syntax is the command language used by spss to carry out all of its commands and functions jacqueline collier s book is primarily aimed at people who have never used the syntax option in spss or have just started to use it this is an introductory text designed to show readers how to try using syntax themselves and to then support them through its use it is ideal for those who are experienced in using spss through the usual button menu driven graphical interface gif but who are novices regarding syntax

SPSS Version 20. 0 for Windows *2021-02-24*

a practical text intended as an introduction to ibm spss statistics 20 and a guide for windows users who wish to conduct analytical procedures features extensive use of screen displays and a range of step by step working and practice examples spiral bound to ensure ease of use at the computer

IBM SPSS Essentials *2006-01-27*

master the fundamentals of spss with this newly updated and instructive resource the newly and thoroughly revised second edition of spss essentials delivers a comprehensive guide for students in the social sciences who wish to learn how to use the statistical package for the social sciences spss for the effective collection management and analysis of data the accomplished researchers and authors provide readers with the practical nuts and bolts of spss usage and data entry with a particular emphasis on managing and manipulating data the book offers an introduction to spss how to navigate it and a discussion of how to understand the data the reader is working with it also covers inferential statistics including topics like hypothesis testing one sample z testing t testing anovas correlations and regression five unique appendices round out the text providing readers with discussions of dealing with real world data troubleshooting advanced data manipulations and new workbook activities spss essentials offers a wide variety of features including a revised chapter order designed to match the

pacing and content of typical undergraduate statistics classes an explanation of when particular inferential statistics are appropriate for use given the nature of the data being worked with additional material on understanding your data sample including discussions of spss output and how to find the most relevant information a companion website offering additional problem sets complete with answers perfect for undergraduate students of the social sciences who are just getting started with spss spss essentials also belongs on the bookshelves of advanced placement high school students and practitioners in social science who want to brush up on the fundamentals of this powerful and flexible software package

Using SPSS for Windows 2016-10-04

the second edition of this popular guide demonstrates the process of entering and analyzing data using the latest version of spss 12 0 and is also appropriate for those using earlier versions of spss the book is easy to follow because all procedures are outlined in a step by step format designed for the novice user students are introduced to the rationale of statistical tests and detailed explanations of results are given through clearly annotated examples of spss output topics covered range from descriptive statistics through multiple regression analysis in addition this guide includes topics not typically covered in other books such as probability theory interaction effects in analysis of variance factor analysis and scale reliability chapter exercises reinforce the text examples and may be performed for further practice for homework assignments or in computer laboratory sessions this book can be used in two ways as a stand alone manual for students wishing to learn data analysis techniques using spss for windows or in research and statistics courses to be used with a basic statistics text the book provides hands on experience with actual data sets helps students choose appropriate statistical tests illustrates the meaning of results and provides exercises to be completed for further practice or as homework assignments susan b gerber ph d is research assistant professor of education at state university of new york at buffalo she is director of the educational technology program and holds degrees in statistics and educational psychology kristin voelkl finn ph d is assistant professor of education at canisius college she teaches graduate courses in research methodology and conducts research on adolescent problem behavior

How to Use IBM SPSS Statistics 2016-06-06

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

Data Mining with SPSS Modeler 2013-06-26

introducing the ibm spss modeler this book guides readers through data mining processes and presents relevant statistical methods there is a special focus on step by step tutorials and well documented examples that help demystify complex mathematical algorithms and computer programs the variety of exercises and solutions as well as an accompanying website with data sets and spss modeler streams are particularly valuable while intended for students the simplicity of the modeler makes the book useful for anyone wishing to learn about basic and more advanced data mining and put this knowledge into practice

Data Mining with IBM SPSS Through Examples *2024-02-22*

this book presents the most common techniques used in data mining in a simple and easy to understand through one of the most common software solutions from among those existing in the market in particular ibm spss pursued as initial aim clarifying the applications concerning methods traditionally rated as difficult or dull it seeks to present applications in data mining without having to manage high mathematical developments or complicated theoretical algorithms which is the most common reason for the difficulties in understanding and implementation of this matter today data mining is used in different fields of science noteworthy applications in banking and financial analysis of markets and trade insurance and private health in education in industrial processes in medicine biology and bioengineering telecommunications and in many other areas essentials to get started in data mining regardless of the field in which it is applied is the understanding of own concepts task that does not require nor much less the domain of scientific apparatus involved in the matter later when either necessary operative advanced computer programs allow the results without having to decipher the mathematical development of the algorithms that are under the procedures this book describes the simplest possible data mining concepts so that they are understandable by readers with different training the chapters begin describing the techniques in affordable language and then presenting the way to treat them through practical applications an important part of each chapter are case studies completely resolved including the interpretation of the results which is precisely the most important thing in any matter with which they work the book begins with an introduction to mining data and its phases in successive chapters develop the initial phases selection of information data exploration data cleansing transformation of data etc subsequently elaborates on specific data mining both predictive and descriptive techniques predictive techniques covers all models of regression discriminant analysis decision trees neural networks and other techniques based on models the descriptive techniques vary dimension reduction techniques techniques of classification and segmentation clustering and exploratory data analysis techniques

Discovering Statistics Using IBM SPSS Statistics *2008-02-04*

with its unique combination of humour and step by step instruction this award winning book is the statistics lifesaver for everyone from initial theory through to regression factor analysis and multilevel modelling andy field animates statistics and spss software with his famously bizarre examples and activities features flexible coverage to support students across disciplines

and degree programmes can support classroom or lab learning and assessment analysis of real data with opportunities to practice statistical skills highlights common misconceptions and errors a revamped online resource that uses video case studies datasets testbanks and more to help students negotiate project work master data management techniques and apply key writing and employability skills covers the range of versions of ibm spss statistics all the online resources above video case studies datasets testbanks can be easily integrated into your institution s virtual learning environment or learning management system this allows you to customize and curate content for use in module preparation delivery and assessment

SPSS *2012-07-09*

this latest edition of spss analysis without anguish is based on version 15 0 of spss for windows spss is a sophisticated piece of software used by social scientists and related professionals for statistical analysis always popular in previous editions the text continues to address the needs of all users of spss software it serves as a practical introduction to new users and also allows those wishing to undertake more advanced analysis to work their way systematically through each stage extensive use of screen displays and a range of step by step working and practice examples remain as features of the workbook spss analysis without anguish version 15 0 is suitable across a number of disciplines including business health social sciences environmental science and geography it can also be value packed with other wiley textbooks in subjects such as statistics market research and research methods to save students money features new range of working and practice examples updated screen displays to reflect output from spss version 15 0 for windows suitable for use with version 15 0 of spss for windows optional bundling of spss student software with a 24 month licence suitable across disciplines and for varying levels of expertise spiral bound for ease of use at the computer includes an index at the back of the book data files available on accompanying text website adopting lecturers have access to a cd containing all of the text screen dump images for lecture presentation changes to existing exercises within chapter 22 introduction and research questions with links to research questions and datasets that can be used with the student version of the software new chapter 23 practising analytical techniques includes additional short homework exercises and longer research questions with new smaller data sets that are tailored for use with student version of the software these new exercises can be used by students for personal practice and study or set by lecturers as take home assignments about the author dr sheridan coakes is the director of coakes consulting a specialist research consultancy established to undertake social research in an applied context sheridan has a phd in the area of community psychology and has worked extensively with urban and rural communities across australia she has published and presented papers on social impact assessment and public involvement in a variety of different forums

SPSS for Starters, Part 2 *2013*

the first part of this title contained all statistical tests that are relevant for starters on spss and included standard parametric and non parametric tests for continuous and binary variables regression methods trend tests and reliability and validity assessments of diagnostic tests the current part 2 of this title reviews multistep methods multivariate models assessments of missing data performance of diagnostic tests meta regression poisson regression confounding and interaction and survival analyses using log tests and segmented time dependent cox

regression methods for assessing non linear models data seasonality distribution free methods including monte carlo methods and artificial intelligence and robust tests are also covered each method of testing is explained using a data example from clinical practice including every step in spss and a text with interpretations of the results and hints convenient for data reporting in order to facilitate the use of this cookbook the data files of the examples is made available by the editor through extras springer com both part 1 and 2 of this title contain a minima amount of text and maximal technical details but we believe that this property will not refrain students from mastering the spss software systematics and that instead it will be a help to that aim yet we recommend that it will used together with the textbook statistics applied to clinical trials 5th edition springer dordrecht 2012 and the e books statistics on a pocket calculator part 1 and 2 springer dordrecht 2011 and 2012 from the same authors

Essential First Steps to Data Analysis *2005*

the purpose of this book is to provide instruction and guidance on preparing quantitative data sets prior to answering a study s research questions preparation may involve data management and manipulation tasks data organization structural changes to data files or conducting preliminary analysis such as examining the scale of a variable the validity of assumptions or the nature and extent of missing data the oresultso from these essential first steps can also help guide a researcher in selecting the most appropriate statistical tests for his her study the book is intended to serve as a supplemental text in statistics or research courses offered in graduate programs in education counseling school psychology behavioral sciences and social sciences as well as undergraduate programs that contain a heavy emphasis on statistics the content and issues covered are also beneficial for faculty and researchers who are knowledgeable about research design and able to use a statistical software package but are unsure of the first steps to take with their data increasingly faculty are forming partnerships with schools clinics and other institutions to help them analyze data in their extensive databases this book can serve as a reference for helping them get existing data files in an appropriate form to run statistical analysis this book is not a replacement for a statistics textbook it assumes that readers have some knowledge of basic statistical concepts and use of statistical software or that they will be learning these concepts and skills concurrently throughout the course spss was chosen to illustrate the preparation evaluation and manipulation of data however students or researchers who do not use spss will benefit from the content since the overall structure and pedagogical approach of the book focuses heavily on the data issues and decisions to be made

Social Statistics *2005-02-28*

this introduction to social statistics with clear well illustrated instructions for using spss software emphasizes the interpretation of statistics and applications to real world situations the book presents many opportunities to practice the computational skills for statistics both manually and using the computer

SPSS *2014-01-30*

this latest version of spss analysis without anguish is based on version 12 0 of spss for windows spss software is being continually modified and improved but the steps of entering and analysing data remain similar new features to spss 12 0 include better reporting capabilities through a new presentation graphics system and improved data and output management that provides greater flexibility and more options when managing data this practical text addresses the needs of all users of spss software it serves as an introduction to new users but allows those wishing to undertake more complicated analytical procedures to work through each stage it steps users through all the necessary techniques and procedures and the extensive use of screen displays make it possible for students to use this book unsupervised worked examples illustrate the procedures and practice examples allow users to consolidate their skills assumption testing for each procedure is discussed early in each chapter and the appropriate data screening methods are outlined prior to the analysis and interpretation of the output the range of work and practice examples make this text suitable across disciplines such as psychology business health social sciences education environmental science and geography

A Student Guide to SPSS *2008*

the 3rd edition of a student guide to spss provides easy to follow step by step instructions on how to compute introductory and advanced statistics using one of the most popular statistical software programs in psychology business education and other social sciences written in a non intimidating easy to read language this guide is suitable for individuals with little to no experience using statistical software as such it would be of practical use to anyone who needs a simple and straightforward introduction to the most commonly used features of spss this guide to spss was originally developed to complement the lecture component of introductory undergraduate courses in statistics the 2nd and 3rd editions were expanded to increase the guide s suitability for more advanced undergraduate statistics courses while most statistics textbooks teach students how to hand calculate statistics this guide gives students the opportunity to learn how to analyze large datasets not conducive to hand calculations providing them with the practical skills necessary for graduate school and or a career in research features learning objectives at the beginning of each chapter help students keep on track and instructors apprised of the functions that students have learned so they can create spss assignments for students concrete examples with screenshots of spss are used throughout to make it easier for students to learn how to compute and interpret statistics examples of reporting statistics in the style of the american psychological association apa using the 7th edition of their manual are included new to the third edition throughout the guide elaborations on the meaning and interpretation of various statistics and demonstrations of more advanced statistical analyses have been added the chapter on multiple regression has been expanded to include a new example that describes how to include a nominal predictor variable with more than two categories in a multiple regression analysis as well as how to interpret the results a brief discussion of the tolerance statistic has been added to the advanced regression chapter the chapter on one way anova has been expanded to include one way within groups anova in addition to one way between groups anova content the 3rd edition of a student guide to spss contains 9 chapters on getting started with spss descriptive statistics correlation simple regression multiple regression advanced regression hierarchal regression stepwise regression the sign test t tests single sample paired samples independent samples and one way

anova one way between one way within

Using SPSS for Windows and Macintosh *2005-03-10*

will help anyone use spss to successfully analyze data interpret results and describe findings this complete introductory guide to spss has been thoroughly updated for the software s latest versions for windows and macintosh it has also been revised throughout for greater accessibility simplicity and ease of use the book provides step by step walkthroughs of every basic spss and statistical technique along with tips examples exercises and extensive pedagogical support designed to promote rapid learning coverage includes mastering the spss interface creating and working with data files defining and creating variables working with data charts and output univariate descriptive statistics univariate and multivariate analyses correlation regression and discriminate analysis scaling and nonparametric procedures and more for everyone who wants to master the latest versions of spss spss is used in a wide range of markets including psychology and other areas of scientific research marketing and surveys financial services and insurance education government telecommunications and beyond

An Introductory Guide to SPSS? for Windows? *2022-03-30*

an introductory guide to spss for windows develops spss skills through the use of sample programs that illustrate how to conduct the analyses typically found in an introductory statistics course

Introductory Statistical Procedures with SPSS *2019-07-11*

spss is beneficial for students and researchers in psychology sociology psychiatry and other behavioural sciences as it performs a wide range of univariate and multivariate operations commonly used in these fields introductory statistical procedures with spss is an easy to use textbook that presents the core concepts of statistical theory with applications in spss the goal of this book is to give learners simple and clear instructions on how to use recent versions of spss to perform a range of statistical studies the book chapters explain elementary statistics descriptive and inferential giving a detailed understanding of the discussed topics each chapter focuses on a specific type of analytical procedure that can be used to understand a wide range of data sets the majority of which are from the social and behavioural sciences key features simple and clear instructions to use spss version 21 in 10 chapters introduces the reader to core descriptive statistical and probability measures covers inferential statistics covers regression and correlation analysis covers multivariate statistics presents many illustrative examples and theoretical problems at the end of each chapter with real life data introductory statistical procedures with spss is an essential guide for anyone who is interested in learning statistical applications of spss readers with no prior knowledge of statistics students at all academic levels and professionals alike will benefit from the information in this

textbook

An IBM® SPSS® Companion to Political Analysis *2016*

in philip h pollock iii and barry c edwards trusted ibm spss workbook students dive headfirst into actual political data and work with a software tool that prepares them not only for future political science research but the job world as well students learn by doing with new guided examples annotated screenshots step by step instructions and exercises that reflect current scholarly debates in american political behavior and comparative politics this sixth edition of an ibm spss companion to political analysis features thoroughly revised and updated datasets and is compatible with all post 12 releases of spss

Basic SPSS® Tutorial 1996

this supplementary book for the social behavioral and health sciences helps readers with no prior knowledge of ibm spss statistics statistics or mathematics learn the basics of spss designed to reduce fear and build confidence the book guides readers through point and click sequences using clear examples from real scientific research and invites them to replicate the findings relevant outcomes are provided for reference and exercises at the end of chapters 2 5 provide additional practice after reading the book and using the program readers will come away with a basic knowledge of the most commonly used procedures in statistics

SPSS for Windows Workbook to Accompany Large Sample Examples of Using Multivariate Statistics *2009-01-21*

in this brilliant new edition andy field has introduced important new introductory material on statistics that the student will need and was missing at least in the first edition this book is the best blend that i know of a textbook in statistics and a manual on spss it is a balanced composite of both topics using spss to illustrate important statistical material and through graphics to make visible important approaches to data analysis there are many places in the book where i had to laugh and that s saying a lot for a book on statistics his excellent style engages the reader and makes reading about statistics fun david c howell professor emeritus university of vermont usa this award winning text now fully updated with spss statistics is the only book on statistics that you will need fully revised and restructured this new edition is even more accessible as it now takes students through from introductory to advanced level concepts all the while grounding knowledge through the use of spss statistics andy field s humorous and self deprecating style and the book s host of characters make the journey entertaining as well as educational while still providing a very comprehensive collection of statistical methods tests and procedures and packed with examples and self assessment tests to reinforce knowledge the new edition now also offers a more gentle introduction to basic level concepts and methods for beginners new textbook features to make the book more user friendly for those learning about more advanced concepts encouraging critical thinking a brand new full colour design making it easy for students to navigate between topics and to understand how

to use the latest version of spss statistics both real world the bizarre and the wonderful and invented examples illustrate the concepts and make the techniques come alive for students an additional chapter on multilevel modelling for advanced level students reinforced binding to make the book easier to handle at a computer workstation the book also includes access to a brand new and improved companion website bursting with features including animated spss walk through videos clearly demonstrating how to use the latest spss statistics modules self marking multiple choice questions data sets for psychology business and management and health sciences a flash card glossary for testing knowledge of key concepts access to support material from sage study skills books statistics lecturers are also provided with a whole range of resources and teaching aids including the test bank over 300 multiple choice questions ready to upload to webct blackboard or other virtual learning environments charts and diagrams in electronic format for inclusion in lecture slides powerpoint slides written by the author to accompany chapters of the text

Discovering Statistics Using SPSS *2013-05-07*

this is the first workbook that introduces the multilevel approach to modeling with categorical outcomes using ibm spss version 20 readers learn how to develop estimate and interpret multilevel models with categorical outcomes the authors walk readers through data management diagnostic tools model conceptualization and model specification issues related to single level and multilevel models with categorical outcomes screen shots clearly demonstrate techniques and navigation of the program modeling syntax is provided in the appendix examples of various types of categorical outcomes demonstrate how to set up each model and interpret the output extended examples illustrate the logic of model development interpretation of output the context of the research questions and the steps around which the analyses are structured readers can replicate examples in each chapter by using the corresponding data and syntax files available at psypress com 9781848729568 the book opens with a review of multilevel with categorical outcomes followed by a chapter on ibm spss data management techniques to facilitate working with multilevel and longitudinal data sets chapters 3 and 4 detail the basics of the single level and multilevel generalized linear model for various types of categorical outcomes these chapters review underlying concepts to assist with trouble shooting common programming and modeling problems next population average and unit specific longitudinal models for investigating individual or organizational developmental processes are developed chapter 6 focuses on single and multilevel models using multinomial and ordinal data followed by a chapter on models for count data the book concludes with additional trouble shooting techniques and tips for expanding on the modeling techniques introduced ideal as a supplement for graduate level courses and or professional workshops on multilevel longitudinal latent variable modeling multivariate statistics and or advanced quantitative techniques taught in psychology business education health and sociology this practical workbook also appeals to researchers in these fields an excellent follow up to the authors highly successful multilevel and longitudinal modeling with ibm spss and introduction to multilevel modeling techniques 2nd edition this book can also be used with any multilevel and or longitudinal book or as a stand alone text introducing multilevel modeling with categorical outcomes

Multilevel Modeling of Categorical Outcomes Using IBM SPSS 2011-01-13

this fully updated edition of statistics for research explains statistical concepts in a straight forward and accessible way using practical examples from a variety of disciplines if you re looking for an easy to read comprehensive introduction to statistics with a guide to spss this is the book for you the new edition features clear explanations of all the main techniques of statistical analysis a brand new student friendly easy to navigate design even more step by step screenshots of spss commands and outputs an extensive glossary of terms ideal for those new to statistics end of chapter exercises to help you put your learning into practice a new fully updated companion website uk sagepub com argyrous3 with comprehensive student and lecturer resources including additional discipline specific examples and online readings and webct blackboard quizzes this is the ideal textbook for any course in statistical methods across the health and social sciences and a perfect starter book for students researchers and professionals alike

Statistics for Research *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

Data Analysis with IBM SPSS Statistics *2013-08-22*

this book demonstrates how to use multilevel and longitudinal modeling techniques available in the ibm spss mixed effects program mixed annotated screen shots provide readers with a step by step understanding of each technique and navigating the program readers learn how to set up run and interpret a variety of models diagnostic tools data management issues and related graphics are introduced throughout annotated syntax is also available for those who prefer this approach extended examples illustrate the logic of model development to show readers the rationale of the research questions and the steps around which the analyses are structured the data used in the text and syntax examples are available at routledge com 9780415817110 highlights of the new edition include updated throughout to reflect ibm spss version 21 further coverage of growth trajectories coding time related variables covariance structures individual change and longitudinal experimental designs ch 5 extended discussion of other types of research designs for examining change e g regression discontinuity quasi experimental over time ch 6 new examples specifying multiple latent constructs and parallel growth processes ch 7 discussion of alternatives for dealing with missing data and the use of sample weights within multilevel data structures ch 1 the book opens with the conceptual and methodological issues associated with multilevel and longitudinal modeling followed by a discussion of spss data management techniques which facilitate working with multilevel longitudinal and cross classified data sets chapters 3 and 4 introduce the basics of multilevel modeling developing a multilevel model interpreting output and trouble shooting common programming and modeling problems models for investigating individual and organizational change are presented in chapters 5 and 6 followed by models with multivariate outcomes in chapter 7 chapter 8 provides an illustration of multilevel models with cross classified data structures the book concludes with ways to expand on the various multilevel and longitudinal modeling techniques and issues when conducting multilevel analyses it s ideal for courses on multilevel and longitudinal modeling multivariate statistics and research design taught in education psychology business and sociology

Multilevel and Longitudinal Modeling with IBM SPSS *1999*

this guide to the statistical procedures in spss base 10 contains several examples for each procedure starting with default operations and moving on through the most commonly used optional specifications it discusses the assumptions required by each procedure checking the data for those finding strategies to deal with data that do not meet the required assumptions the bulk of this guide focuses on the output on understanding what the statistics mean and how the different statistics relate to each other after reading this book a user with limited statistical experience should have a much stronger ability to evaluate the different numbers that appear in the output and to understand the description they provide of the variable or relationship being analyzed this book is designed to be used with the spss base 10 for windows user s guide

SPSS Base 10.0 Applications Guide *2017-11-03*

with an exciting new look math diagnostic tool and a research roadmap to navigate projects this new edition of andy field s award winning text offers a unique combination of humor and step by step instruction to make learning statistics compelling and accessible to even the most anxious of students the fifth edition takes students from initial theory to regression factor analysis and multilevel modeling fully incorporating ibm spss statistics version 25 and fascinating examples throughout sage edge offers a robust online environment featuring an impressive array of free tools and resources for review study and further exploration keeping both instructors and students on the cutting edge of teaching and learning course cartridges available for blackboard canvas and moodle andy field is the award winning author of an adventure in statistics the reality enigma and is the recipient of the uk national teaching fellowship 2010 british psychological society book award 2006 and has been recognized with local and national teaching awards university of sussex 2015 2016

Discovering Statistics Using IBM SPSS Statistics *2016-07-28*

provides a step by step approach to statistical procedures to analyze data and conduct research with detailed sections in each chapter explaining spss and excel applications this book identifies connections between statistical applications and research design using cases examples and discussion of specific topics from the social and health sciences researched and class tested to ensure an accessible presentation the book combines clear step by step explanations for both the novice and professional alike to understand the fundamental statistical practices for organizing analyzing and drawing conclusions from research data in their field the book begins with an introduction to descriptive and inferential statistics and then acquaints readers with important features of statistical applications spss and excel that support statistical analysis and decision making subsequent chapters treat the procedures commonly employed when working with data across various fields of social science research individual chapters are devoted to specific statistical procedures each ending with lab application exercises that pose research questions examine the questions through their application in spss and excel and conclude with a brief research report that outlines key findings drawn from the results real world examples and data from social and health sciences research are used throughout the book allowing readers to reinforce their comprehension of the material using statistics in the social and health sciences with spss and excel includes use of straightforward procedures and examples that help students focus on understanding of analysis and interpretation of findings inclusion of a data lab section in each chapter that provides relevant clear examples introduction to advanced statistical procedures in chapter sections e g regression diagnostics and separate chapters e g multiple linear regression for greater relevance to real world research needs emphasizing applied statistical analyses this book can serve as the primary text in undergraduate and graduate university courses within departments of sociology psychology urban studies health sciences and public health as well as other related departments it will also be useful to statistics practitioners through extended sections using spss and excel for analyzing data

Using Statistics in the Social and Health Sciences with SPSS and Excel *2003*

this popular text guides the novice user through the process of entering and analyzing data using spss the authors assume only basic knowledge of windows review the basic issues regarding design and statistics and proceed gently through all the major statistical techniques used in psychology from introductory up to advanced level students are introduced to the rationale and use of each test and provided with clearly annotated examples of spss output in this way they are shown how to choose perform and report the statistical analysis of their own data this edition covers spss 10 and 11 and contains more advanced statistical material ancova factor analysis logistic regression and discriminate analysis this book is intended for undergraduate students in statistics research methods courses and other undergraduate level social science courses

SPSS for Psychologists

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