

Data Analysis With Spss A First Course In Applied Statistics 4th Edition

A practical, accessible guide for using SPSS in doing data analysis. Designed to work across disciplines, the authors have provided a number of SPSS "step-by-step" examples in most chapters showing the user how to plan a study, prepare data for analysis, perform the analysis and interpret the output from SPSS. In addition, the authors provide helpful hints and insights through the features "Tips and Caveats" and "Sidebar". The 2nd edition includes two new chapters -- "Creating and Using Graphs" and "Factor Analysis". In addition, a new section on Syntax has been included in an appendix. All chapters have been updated to reflect current menu options along with many SPSS screenshots making the process much simpler for the user.

Designed for the complete novice, this title guides you through a sample analysis of survey data and shows you step-by-step how to use SPSS to complete it.

The SPSS 13.0 Guide to Data Analysis is a friendly introduction to both data analysis and SPSS. Easy-to-understand explanations and in-depth content make this guide both an excellent supplement to other statistics texts and a superb primary text for any introductory data analysis course. With the book, you get a jump-start on describing data, testing hypotheses, and examining relationships using SPSS. The goal of this book is to provide an unintimidating introduction to data analysis and to SPSS. This

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edition focuses on topics that interest today's students-in particular, the role of the Internet in society. It is designed for use with SPSS 13.0, including the Student Version. A data CD is included with this book.

Each chapter of *Performing Data Analysis Using IBM SPSS* covers a particular statistical procedure and offers the following: an example problem or analysis goal, together with a data set; IBM SPSS analysis with step-by-step analysis setup and accompanying screen shots; and IBM SPSS output with screen shots and narrative on how to read or interpret the results of the analysis.

Now updated for SPSS 14.0, this book is an excellent supplement to any introductory statistics course. It provides a practical and useful introduction to SPSS 14.0 and enables students to work independently to learn helpful software skills outside of class. By using SPSS to handle complex computations, students can focus on and gain an understanding of the underlying statistical concepts and techniques in the introductory statistics course.

The Chatfield family - half living in the UK, the other in New Zealand - found out the stark realities of survival after a deadly pandemic swept across the world. Now escaping the repressive regime at Haver Hall in the UK, a group sails back to the southern hemisphere. Stopping in South Africa and then Australia, they are faced by unexpected dangers but also the hope that there might be other survivors. What awaits them in New Zealand, though, is even more challenging. And can those left in the UK

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survive each other? An exciting page-turner that keeps surprising . . . up to the last page.

Dive deeper into SPSS Statistics for more efficient, accurate, and sophisticated data analysis and visualization SPSS Statistics for Data Analysis and Visualization goes beyond the basics of SPSS Statistics to show you advanced techniques that exploit the full capabilities of SPSS. The authors explain when and why to use each technique, and then walk you through the execution with a pragmatic, nuts and bolts example. Coverage includes extensive, in-depth discussion of advanced statistical techniques, data visualization, predictive analytics, and SPSS programming, including automation and integration with other languages like R and Python. You'll learn the best methods to power through an analysis, with more efficient, elegant, and accurate code. IBM SPSS Statistics is complex: true mastery requires a deep understanding of statistical theory, the user interface, and programming. Most users don't encounter all of the methods SPSS offers, leaving many little-known modules undiscovered. This book walks you through tools you may have never noticed, and shows you how they can be used to streamline your workflow and enable you to produce more accurate results. Conduct a more efficient and accurate analysis Display complex relationships and create better visualizations Model complex interactions and master predictive analytics Integrate R and Python with SPSS Statistics for more efficient, more powerful code These "hidden tools" can help you produce charts that simply wouldn't be possible any other way, and

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the support for other programming languages gives you better options for solving complex problems. If you're ready to take advantage of everything this powerful software package has to offer, SPSS Statistics for Data Analysis and Visualization is the expert-led training you need.

"This is an ideal introductory book for budding researchers who are embarking on the development and then analysis of data, and in this case, more specifically questionnaires using partly or exclusively closed questions amenable to statistical analysis." Primary Health Care Research and Development "The text is a welcome addition for nursing students at both undergraduate and postgraduate level research. Having reviewed the text I can only inform you how a student described a chapter in the book recently when she borrowed it. 'The language is clear and unambiguous'. I will be strongly encouraging students to either purchase the text ... with the purpose of giving them a foundation in statistics." William Evans, Institute of Technology Tralee, Ireland This accessible book is essential reading for those looking for a short and simple guide to basic data analysis. Written for the complete beginner, the book is the ideal companion when undertaking quantitative data analysis for the first time using SPSS. The book uses a simple example of quantitative data analysis that would be typical to the health field to take you through the process of data analysis step by step. The example used is a doctor who conducts a questionnaire survey of 30 patients to assess a specific service. The data from these questionnaires is given to you for analysis, and

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the book leads you through the process required to analyse this data. Handy screenshots illustrate each step of the process so you can try out the analysis for yourself, and apply it to your own research with ease. Topics covered include: Questionnaires and how to analyse them Coding the data for SPSS, setting up an SPSS database and entering the data Descriptive statistics and illustrating the data using graphs Cross-tabulation and the Chi-square statistic Correlation: examining relationships between interval data Examining differences between two sets of scores Reporting the results and presenting the data Quantitative Data Analysis Using SPSS is helpful for any students in health and social sciences with little or no experience of quantitative data analysis and statistics.

A concise introduction to data analysis for beginners and intermediate students using IBM - Statistical Package for Social Sciences (SPSS) The present book elaborates on the basic understanding and application of statistical tests and data analysis using hypothetical datasets and SPSS version 22.0. It enhances self-learning and develops thorough understanding of the concepts through step-by-step processes for quick comprehension, and screen images, dialog boxes and exhibits for better interaction with the software. Spanning across 17 chapters, Data Analysis Using SPSS begins from the stages of data entry and goes on till editing and data visualization. It takes the readers through descriptive statistics,

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frequency, univariate, bivariate and regression analysis, cross-tabulation, linear models, and non-parametric test procedures. This textbook will act as a helpful companion to students of management, humanities and social sciences, agriculture and life sciences, as well as young research scholars. Key Features: - Main and sub-dialog boxes of SPSS containing commands of specific test techniques incorporated in the text for effective interaction with the software - Exercises and practice questions to enhance analytical understanding - Addition chapters on Means Analysis, One-way ANOVA, and Probability and Sampling Distribution provided as web supplement for advance reading

The PASW Statistics 19 Guide to Data Analysis is a friendly introduction to both data analysis and PASW Statistics 19 (formerly SPSS Statistics), the world's leading desktop statistical software package. Easy-to-understand explanations and in-depth content make this guide both an excellent supplement to other statistics texts and a superb primary text for any introductory data analysis course. With this book, you'll learn how to describe data, test hypotheses, and examine relationships using PASW. Author Marija Noru is incorporates a wealth of real data, including the General Social Survey and studies of Internet usage, opinions of the criminal justice system, marathon running times, library patronage, and the importance of manners, throughout the examples and

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expanded chapter exercises. This unique combination of examples, exercises, and contemporary data gives you hands-on experience in analyzing data and makes learning about data analysis and statistical software relevant, un-intimidating, and even fun! A data CD-ROM is included with this book. SPSS 10.0 Guide to Data Analysis is a friendly and easy-to-understand book that enables readers to describe data, test hypotheses, and examine relationships using SPSS. Chapter exercises provide comprehensive examples of basic statistical techniques, giving readers necessary practice. Solutions to selected exercises demonstrate step-by-step procedures. MAREKT: Multivariate Data Analysis Introduction to SPSS Outliers Normality Test of Linearity Data Transformation Bootstrapping Homoscedasticity Introduction to IBM SPSS – AMOS Multivariate Analysis of Variance (MANOVA) One Way Manova in SPSS Multiple Regression Analysis Binary Logistic Regression Factor Analysis Exploratory Factor Analysis Confirmatory Factor Analysis Cluster Analysis K - Mean Cluster Analysis Hierarchical Cluster Analysis Discriminant Analysis Correspondence Analysis Multidimensional Scaling Example - Multidimensional Scaling (ALSCAL) Neural Network Decision Trees Path Analysis Structural Equation Modeling Canonical Correlation This text provides a non-technical approach to quantitative data analysis and a

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user-friendly introduction to SPSS. It takes the reader step-by-step through the techniques, reinforced by exercises.

The latest edition of this best-selling introduction to Quantitative Data Analysis through the use of a computer package has been completely updated to accommodate the needs of users of SPSS Release 8 for Windows. Like its predecessor, it provides a non-technical approach to quantitative data analysis and a user-friendly introduction to the widely used SPSS for Windows. It assumes no previous familiarity with either statistics or computing but takes the reader step-by-step through the techniques, reinforced by exercises for further practice. Techniques explained in Quantitative Data Analysis with SPSS Release 8 for Windows include: * correlation * simple and multiple regression * multivariate analysis of variance and covariance * factor analysis The book also covers issues such as sampling, statistical significance, conceptualization and measurement and the selection of appropriate tests. For further information or to download the book's datasets, please visit the website:

<http://www.routledge.com/textbooks/titles/quant.html>

Holistic approach to understanding medical statistics This hands-on guide is much more than a basic medical statistics introduction. It equips you with the statistical tools required for evidence-based clinical research. Each chapter

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provides a clear step-by-step guide to each statistical test with practical instructions on how to generate and interpret the numbers, and present the results as scientific tables or graphs. Showing you how to: analyse data with the help of data set examples ([Click here to download datasets](#)) select the correct statistics and report results for publication or presentation understand and critically appraise results reported in the literature Each statistical test is linked to the research question and the type of study design used. There are also checklists for critically appraising the literature and web links to useful internet sites. Clear and concise explanations, combined with plenty of examples and tabulated explanations are based on the authors' popular medical statistics courses. Critical appraisal guidelines at the end of each chapter help the reader evaluate the statistical data in their particular contexts.

This guide has a Data CD-ROM included. The SPSS(R) 11.0 Guide to Data Analysis is a friendly introduction to both data analysis and SPSS, the world's leading desktop statistical software package. Easy-to-understand explanations and in-depth content make this guide both an excellent supplement to other statistics texts and a superb primary text for any introductory data analysis course. With the SPSS(R) 11.0 Guide to Data Analysis, you get a jump-start on describing data, testing hypotheses, and examining relationships using SPSS.

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For SPSS 11.0, author Marija Norusis incorporates a wealth of new data, including the General Social Survey for 2000 and studies of Internet usage, opinions of the criminal justice system, marathon running times, library patronage, and the importance of manners. These new data files are supplied with the book and are used throughout the examples and expanded chapter exercises. This unique combination of examples, exercises, and contemporary data gives you hands-on experience in analyzing data and makes learning about data analysis and statistical software relevant, unintimidating, and even fun. This latest edition has been fully updated to accommodate the needs of users of SPSS Releases 17, 18 and 19 while still being applicable to users of SPSS Releases 15 and 16. As with previous editions, Alan Bryman and Duncan Cramer continue to offer a comprehensive and user-friendly introduction to the widely used IBM SPSS Statistics. The simple, non-technical approach to quantitative data analysis enables the reader to quickly become familiar with SPSS and with the tests available to them. No previous experience of statistics or computing is required as this book provides a step-by-step guide to statistical techniques, including: Non-parametric tests Correlation Simple and multiple regression Analysis of variance and covariance Factor analysis. This book comes equipped with a comprehensive range of exercises for further practice, and it covers key issues such as sampling, statistical inference, conceptualization and

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measurement and selection of appropriate tests. The authors have also included a helpful glossary of key terms. The data sets used in Quantitative Data Analysis with IBM SPSS 17, 18 and 19 are available online at <http://www.psypress.com/brymancramer>; in addition, a set of multiple-choice questions and a chapter-by-chapter PowerPoint lecture course are available free of charge to lecturers who adopt the book.

ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. Packages Access codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes Access codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. -- Data Analysis with SPSS is designed to teach students how to explore data in a systematic manner using the most popular professional social statistics

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program on the market today. Written in ten manageable chapters, this book first introduces students to the approach researchers use to frame research questions and the logic of establishing causal relations. Students are then oriented to the SPSS program and how to examine data sets. Subsequent chapters guide them through univariate analysis, bivariate analysis, graphic analysis, and multivariate analysis. Students conclude their course by learning how to write a research report and by engaging in their own research project. Each book is packaged with a disk containing the GSS (General Social Survey) file and the States data files. The GSS file contains 100 variables generated from interviews with 2,900 people, concerning their behaviors and attitudes on a wide variety of issues such as abortion, religion, prejudice, sexuality, and politics. The States data allows comparison of all 50 states with 400 variables indicating issues such as unemployment, environment, criminality, population, and education. Students will ultimately use these data to conduct their own independent research project with SPSS. Note: MySearchLab does not come automatically packaged with this text. To purchase MySearchLab, please visit:

www.mysearchlab.com or you can purchase a ValuePack of the text + MySearchLab with Pearson eText (at no additional cost). ValuePack ISBN-10: 0205863728 / ValuePack ISBN-13: 9780205863723

This book covers the fundamental aspects of categorical data analysis with an emphasis on how to implement the models used in the book using SAS and SPSS.

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This is accomplished through the frequent use of examples, with relevant codes and instructions, that are closely related to the problems in the text. Concepts are explained in detail so that students can reproduce similar results on their own. Beginning with chapter two, exercises at the end of each chapter further strengthen students' understanding of the concepts by requiring them to apply some of the ideas expressed in the text in a more advanced capacity. Most of these exercises require intensive use of PC-based statistical software. Numerous tables with results of analyses, including interpretations of the results, further strengthen students' understanding of the material. Categorical Data Analysis With SAS(R) and SPSS Applications features: *detailed programs and outputs of all examples illustrated in the book using SAS(R) 8.02 and SPSS on the book's CD; *detailed coverage of topics often ignored in other books, such as one-way classification (ch. 3), the analysis of doubly classified data (ch. 11), and generalized estimating equations (ch. 12); and *coverage of SAS(R) PROC FREQ, GENMOD, LOGISTIC, PROBIT, and CATMOD, as well as SPSS PROC CROSSTABS, GENLOG, LOGLINEAR, PROBIT, LOGISTIC, NUMREG, and PLUM. This book is ideal for upper-level undergraduate or graduate-level courses on categorical data analysis taught in departments of biostatistics, statistics, epidemiology, psychology, sociology, political science, and education. A prerequisite of one year of calculus and statistics is recommended. The book has been class tested by graduate students in the department of biometry and epidemiology at the Medical University of South Carolina.

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This companion to *The New Statistical Analysis of Data* by Anderson and Finn provides a hands-on guide to data analysis using SPSS. Included with this guide are instructions for obtaining the data sets to be analysed via the World Wide Web. First, the authors provide a brief review of using SPSS, and then, corresponding to the organisation of *The New Statistical Analysis of Data*, readers participate in analysing many of the data sets discussed in the book. In so doing, students both learn how to conduct reasonably sophisticated statistical analyses using SPSS whilst at the same time gaining an insight into the nature and purpose of statistical investigation.

Carol S. Parke's *Essential First Steps to Data Analysis: Scenario-Based Examples Using SPSS* provides instruction and guidance on preparing quantitative data sets prior to answering a study's research questions. Such preparation may involve data management and manipulation tasks, data organization, structural changes to the data files, or conducting preliminary analysis. Twelve research-based scenarios are used to present the content. Each scenario tells the "story" of a researcher who thoroughly examined their data and the decisions they made along the way. The scenario begins with a description of the researcher's study and his/her data file(s), then describes the issues the researcher must address, explains why they are important, shows how SPSS was used to address the issues and prepare data, and shares the researcher's reflections and any additional decision-making. Finally, each scenario ends with the researcher's written summary of the procedures and outcomes from the initial data

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preparation or analysis.

Enables readers to start doing actual data analysis fast for a truly hands-on learning experience This concise and very easy-to-use primer introduces readers to a host of computational tools useful for making sense out of data, whether that data come from the social, behavioral, or natural sciences. The book places great emphasis on both data analysis and drawing conclusions from empirical observations. It also provides formulas where needed in many places, while always remaining focused on concepts rather than mathematical abstraction. SPSS Data Analysis for Univariate, Bivariate, and Multivariate Statistics offers a variety of popular statistical analyses and data management tasks using SPSS that readers can immediately apply as needed for their own research, and emphasizes many helpful computational tools used in the discovery of empirical patterns. The book begins with a review of essential statistical principles before introducing readers to SPSS. The book then goes on to offer chapters on: Exploratory Data Analysis, Basic Statistics, and Visual Displays; Data Management in SPSS; Inferential Tests on Correlations, Counts, and Means; Power Analysis and Estimating Sample Size; Analysis of Variance – Fixed and Random Effects; Repeated Measures ANOVA; Simple and Multiple Linear Regression; Logistic Regression; Multivariate Analysis of Variance (MANOVA) and Discriminant Analysis; Principal Components Analysis; Exploratory Factor Analysis; and Non-Parametric Tests. This helpful resource allows readers to: Understand data analysis in practice rather than

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delving too deeply into abstract mathematical concepts Make use of computational tools used by data analysis professionals. Focus on real-world application to apply concepts from the book to actual research Assuming only minimal, prior knowledge of statistics, SPSS Data Analysis for Univariate, Bivariate, and Multivariate Statistics is an excellent “how-to” book for undergraduate and graduate students alike. This book is also a welcome resource for researchers and professionals who require a quick, go-to source for performing essential statistical analyses and data management tasks. Quantitative Data Analysis with SPSS for Windows explains statistical tests using the latest version of SPSS, the most widely used computer package for analysing quantitative data. Using the same formula-free, non-technical approach as the highly successful non-windows version, it assumes no previous familiarity with either statistics or computing, and takes the reader step-by-step through each of the techniques for which SPSS for Windows can be used, including: correlation simple and multiple regression multivariate analysis of variance and covariance factor analysis The book also contains a comprehensive range of exercises with answers, and covers issues such as sampling, statistical significance, and the selection of appropriate tests. Scientific Essay from the year 2011 in the subject Communications - Public Relations, Advertising, Marketing, Social Media, grade: 70%, The University of Surrey, language: English, abstract: This paper will look to analyse the use of the quantitative method of statistical analysis (SPSS) as a mode of data analysis for research purposes. It will aim

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to explain what is involved in the SPSS process by giving example to the Research Methods (RM) class dated 17th November 2010, 'Fundamentals of Statistical Analysis I', which involved the analysis of quantitative data through the use of the SPSS application. This will include what the exercise entailed, how data was generated for analysis using this method and how the method was executed. The discussion will then move on to describe some real life research question data that can be analysed using this method. The type of analysis to expect from SPSS will also be discussed. A discursive comparison of the SPSS method to the qualitative method of thematic analysis as a data analysis tool will be conducted at end of this paper; this will give light to the advantages and hindrances of the SPSS method. Babbie et al, (2003) explain SPSS as a 'vehicle for discovering differences and relationships in data', they state: "In many ways, SPSS is a vehicle for discovering differences and relationships in data, the same way a car is a vehicle for discovering places we have not yet visited...we plan the trip and set the directions. Similarly when we use SPSS, we choose the data we wish to explore and select the statistical procedures we wish to use...with SPSS commands. These commands instruct SPSS where to find our data, ways in which we want to modify the data, and the statistical procedures we want to use. (Babbie et al., 2003: 37)

The SPSS Survival Manual throws a lifeline to students and researchers grappling with this powerful data analysis software. In her bestselling manual,

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Julie Pallant guides you through the entire research process, helping you choose the right data analysis technique for your project. From the formulation of research questions, to the design of the study and analysis of data, to reporting the results, Julie discusses basic through to advanced statistical techniques. She outlines each technique clearly, providing step by step procedures for performing your analysis, a detailed guide to interpreting data output and examples of how to present your results in a report. For both beginners and experienced users in psychology, sociology, health sciences, medicine, education, business and related disciplines, the SPSS Survival Manual is an essential text. Illustrated with screen grabs, examples of output and tips, it is supported by a website with sample data and guidelines on report writing. This seventh edition is fully revised and updated to accommodate changes to IBM SPSS Statistics procedures, screens and output. A website with support materials for students and lecturers is available at <https://routledgetextbooks.com/textbooks/97811760875534/>

SPSS Statistics is a statistical software package produced by SPSS and used for interactive statistical analysis. The two main aspects of Data Analysis using SPSS are: "Data Entry" and "Data Analysis and Interpretation". These are what you will learn:

- *SPSS Basics
- *DATA ENTRY (Variable View and Data View)
- *DATA ANALYSIS AND INTERPRETATION
- *Performing Frequencies Analysis

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*Performing Crosstabs Analysis *Performing One-Way ANOVA Analysis
*Performing Means Analysis *CREATING CHARTS *Bar Charts *Histograms
*Scatter Plots

This book provides readers with a greater understanding of a variety of statistical techniques along with the procedure to use the most popular statistical software package SPSS. It strengthens the intuitive understanding of the material, thereby increasing the ability to successfully analyze data in the future. The book provides more control in the analysis of data so that readers can apply the techniques to a broader spectrum of research problems. This book focuses on providing readers with the knowledge and skills needed to carry out research in management, humanities, social and behavioural sciences by using SPSS. The SPSS 17.0 Guide to Data Analysis is a friendly introduction to both data analysis and SPSS, the world's leading desktop statistical software package. Easy-to-understand explanations and in-depth content make this guide both an excellent supplement to other statistics texts and a superb primary text for any introductory data analysis course. With this book, you get a jump-start on describing data, testing hypotheses, and examining relationships using SPSS. Author Marija Norušis incorporates a wealth of real data, including the General Social Survey and studies of Internet usage, opinions of the criminal justice

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system, marathon running times, library patronage, and the importance of manners. These data are used throughout the examples and expanded chapter exercises. This unique combination of examples, exercises, and contemporary data gives you hands-on experience in analyzing data and makes learning about data analysis and statistical software relevant, unintimidating, and even fun! A data CD-ROM is included with this book.

Accompanying CD-ROM contains sample data files.

A new edition of this best-selling introductory book to cover the latest SPSS versions 8.0 - 10.0 This book is designed to teach beginners how to use SPSS for Windows, the most widely used computer package for analysing quantitative data. Written in a clear, readable and non-technical style the author explains the basics of SPSS including the input of data, data manipulation, descriptive analyses and inferential techniques, including;

- creating using and merging data files
- creating and printing graphs and charts
- parametric tests including t-tests, ANOVA, GLM
- correlation, regression and factor analysis
- non parametric tests and chi square reliability
- obtaining neat print outs and tables

- includes a CD-Rom containing example data files, syntax files, output files and Excel spreadsheets.

Master data management & analysis techniques with IBM SPSS Statistics 24

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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.

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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.

Now updated for SPSS Statistics Version 18, **DOING DATA ANALYSIS WITH SPSS** is an excellent supplement to any introductory statistics course. It provides

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a practical and useful introduction to SPSS and enables students to work independently to learn helpful software skills outside of class. By using SPSS to handle complex computations, students can focus on and gain an understanding of the underlying statistical concepts and techniques in the introductory statistics course. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Now updated for SPSS® 12.0, this book is an excellent supplement to any introductory statistics course. It provides a practical and useful introduction to SPSS 12.0 and enables students to work independently to learn helpful software skills outside of class. By using SPSS to handle complex computations, students can focus on and gain an understanding of the underlying statistical concepts and techniques in the introductory statistics course.

The SPSS 16.0 Guide to Data Analysis is a friendly introduction to both data analysis and SPSS, the world's leading desktop statistical software package. Easy-to-understand explanations and in-depth content make this guide both an excellent supplement to other statistics texts and a superb primary text for any introductory data analysis course. With the SPSS 16.0 Guide to Data Analysis, you get a jump-start on describing data, testing hypotheses, and examining relationships using SPSS. Author Marija Noru is incorporates a wealth of data, including the General Social Survey and studies of Internet usage, opinions of the criminal justice system, marathon running

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times, library patronage, and the importance of manners. These data files are supplied with the book and are used throughout the examples and expanded chapter exercises. This unique combination of examples, exercises, and contemporary data gives you hands-on experience in analyzing data and makes learning about data analysis and statistical software relevant, unthreatening, and even fun! Data CD-ROM included. Data Analysis with SPSSA First Course in Applied StatisticsPrentice Hall
DATA ANALYSIS WITH SPSS 3e is based on sophisticated SPSS software which is used for statistical analysis. The text serves as a practical introduction to new users in first and second year business courses and also allows those users wishing to undertake more advanced analysis to work their way systematically through each stage.

This latest edition has been fully updated to accommodate the needs of users of SPSS Releases 17, 18 and 19 while still being applicable to users of SPSS Releases 15 and 16. As with previous editions, Alan Bryman and Duncan Cramer continue to offer a comprehensive and user-friendly introduction to the widely used IBM SPSS Statistics. The simple, non-technical approach to quantitative data analysis enables the reader to quickly become familiar with SPSS and with the tests available to them. No previous experience of statistics or computing is required as this book provides a step-by-step guide to statistical techniques, including: Non-parametric tests Correlation Simple and multiple regression Analysis of variance and covariance Factor analysis. This book

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comes equipped with a comprehensive range of exercises for further practice, and it covers key issues such as sampling, statistical inference, conceptualization and measurement and selection of appropriate tests. The authors have also included a helpful glossary of key terms. The data sets used in Quantitative Data Analysis with IBM SPSS 17, 18 and 19 are available online at http://www.routledgetextbooks.com/textbooks/_author/bryman-9780415579193/; in addition, a set of multiple-choice questions and a chapter-by-chapter PowerPoint lecture course are available free of charge to lecturers who adopt the book.

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