

Spss Statistics A Practical Guide Version

Advanced Statistics for Kinesiology and Exercise Science
SPSS STATISTICS VERSION 22A Handbook of Statistical Analyses Using SPSS
Statistics for Research
Basic SPSS Tutorial
PASW Statistics by SPSS
Medical Statistics
SPSS Statistics
SPSS For Dummies
IBM SPSS Statistics 19 Made Simple
Research Methods and Statistics for Public and Nonprofit Administrators
IBM SPSS for Intermediate Statistics
Introductory Statistics Using SPSS
Exam Prep Flash Cards for SPSS Statistics Version 22: A Marketing Research with IBM® SPSS Statistics
An Intermediate Guide to SPSS Programming
Using IBM SPSS Statistics
Practical Statistics for Nursing Using SPSS
Linear Mixed Models
Understanding and Using Advanced Statistics
IBM SPSS by Example
SPSS Statistics Version 22
IBM SPSS Statistics 26 Step by Step
SPSS: a Practical Guide Version 20.0
SPSS Statistics: A Practical Guide with Student Resource Access 12 Months
A Guide to Doing Statistics in Second Language Research Using SPSS
Advancing Quantitative Methods in Second Language Research
SPSS Statistics for Data Analysis and Visualization
Intermediate Statistics Using SPSS
Data Analysis with IBM SPSS Statistics
IBM SPSS Statistics 23 Step by Step
Basic Statistics and Epidemiology
Discovering Statistics Using IBM SPSS Statistics
Linear Mixed Models
Marketing Research with IBM SPSS Statistics
Quick Guide to IBM® SPSS®
A Conceptual Guide to Statistics Using SPSS
Practical Statistics
How to Use SPSS®
Exam Prep for: SPSS Statistics Version 22; A Practical Guide

Advanced Statistics for Kinesiology and Exercise Science

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>

SPSS STATISTICS VERSION 22

A friendly and approachable guide to real-world statistics, Practical Statistics for Nursing Using SPSS by Herschel Knapp covers the most common statistical functions in nursing science using plain language. Students learn by doing, and an emphasis on this practical approach is seen throughout the book with each chapter structured to answer key questions: What statistical test should I use for this situation? How do I set up the data? How do I run the test? How do I interpret and document the results? Practice exercises include a vignette, codebook, and data sets ready for processing, enabling students to achieve mastery by carrying out actual statistical analyses.

A Handbook of Statistical Analyses Using SPSS

Introduces students to a range of commonly used statistical procedures typically included in the curricula of undergraduate applied statistics and research methodology units. This text takes a hands-on approach to the subject matter, working through each procedure in an illustrated, step-by-step fashion.

Statistics for Research

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."

Basic SPSS Tutorial

Introductory Statistics Using SPSS, by Herschel Knapp, shows readers how to properly select, process, and interpret statistics without heavy emphasis on theory, formula derivations, or abstract mathematical concepts. Each chapter is structured to answer questions that readers most want answered, including: how to choose the appropriate test for each situation, how to set up the data, how to run the test, and how to interpret and document the results. Requiring no hand calculations, this highly applied book helps readers "get the story" from their data. They learn by doing, completing practice exercises at the end of each chapter. Video tutorials on the accompanying website clearly demonstrate how to set up the data and run the test in SPSS. Contents: PART I: STATISTICAL PRINCIPLES - 1) Research Principles 2) Sampling 3) Working in SPSS; PART II: STATISTICAL PROCESSES - 4) Descriptive Statistics 5) T Test 6) ANOVA 7) Paired T Test 8) Correlation and Regression 9) Chi-Square; PART III: DATA HANDLING - 10) Supplemental SPSS Operations; PART IV - SOLUTIONS TO ODD-NUMBERED EXERCISES

PASW Statistics by SPSS

What statistical test should I use for this kind of data? How do I set up the data? What parameters should I specify when ordering the test? How do I interpret the results? Herschel Knapp's friendly and approachable guide to real-world statistics answers these questions. *Intermediate Statistics Using SPSS* is not about abstract statistical theory or the derivation or memorization of statistical formulas—it is about applied statistics. With jargon-free language and clear processing instructions, this text covers the most common statistical functions—from basic to more advanced. Practical exercises at the conclusion of each chapter offer students an opportunity to process viable data sets, write cohesive abstracts in APA style, and build a thorough comprehension of the statistical process. You will learn by doing with this truly practical approach to statistics.

Medical Statistics

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

SPSS Statistics

Making statistics—and statistical software—accessible and rewarding This book provides readers with step-by-step guidance on running a wide variety of statistical analyses in IBM® SPSS® Statistics, Stata, and other programs. Author David Kremelberg begins his user-friendly text by covering charts and graphs through regression, time-series analysis, and factor analysis. He provides a background of the method, then explains how to run these tests in IBM SPSS and Stata. He then progresses to more advanced kinds of statistics such as HLM and SEM, where he describes the tests and explains how to run these tests in their appropriate software including HLM and AMOS. This is an invaluable guide for upper-level undergraduate and graduate students across the social and behavioral sciences who need assistance in understanding the

various statistical packages.

SPSS For Dummies

Advancing Quantitative Methods in Second Language Research is the first hands-on guide to conducting advanced research methods in the fields of applied linguistics and second language studies. While a number of texts discuss basic quantitative research methodology, none focus exclusively on providing coverage of alternative advanced statistical procedures in second language studies from a practical approach. The text is bookended by discussions of these advanced procedures in the larger context of second language studies, debating their strengths, weaknesses, and potential for further research; the remaining chapters are how-to sections, each chapter following the same organization, on a wide variety of advanced research methods. By offering much-needed coverage on advanced statistical concepts and procedures, with an eye toward real-world implementation, Advancing Quantitative Methods in Second Language Research enhances the methodological repertoire of graduate students and researchers in applied linguistics and second language studies. For additional content, visit: <http://oak.ucc.nau.edu/ldp3/AQMSLR.html>

IBM SPSS Statistics 19 Made Simple

Basic Statistics and Epidemiology is a straightforward primer in basic statistics that emphasizes its practical use in epidemiology and public health, providing an understanding of essential topics such as study design, data analysis and statistical methods used in the execution of medical research. Assuming no prior knowledge, the clarity of the text and care of presentation ensure those new to, or challenged by, these topics are given a thorough introduction without being overwhelmed by unnecessary detail. An understanding and appreciation of statistics is central to ensuring that professional practice is based on the best available evidence, in order to treat and help most appropriately the wider community. By reading this book, students, researchers, doctors, nurses and health managers will have the knowledge necessary to understand and apply the tools of statistics and epidemiology to their own practice.

Research Methods and Statistics for Public and Nonprofit Administrators

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 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.

IBM SPSS for Intermediate Statistics

A Handbook of Statistical Analyses Using SPSS clearly describes how to conduct a range of univariate and multivariate statistical analyses using the latest version of the Statistical Package for the Social Sciences, SPSS 11. Each chapter addresses a different type of analytical procedure applied to one or more data sets, primarily from the social and behavioral sciences areas. Each chapter also contains exercises relating to the data sets introduced, providing readers with a means to develop both their SPSS and statistical skills. Model answers to the exercises are also provided. Readers can download all of the data sets from a companion Web site furnished by the authors.

Introductory Statistics Using SPSS

Advanced Statistics for Kinesiology and Exercise Science is the first textbook to cover advanced statistical methods in the context of the study of human performance. Divided into three distinct sections, the book introduces and explores in depth both analysis of variance (ANOVA) and regressions analyses, including chapters on: preparing data for analysis; one-way, factorial, and repeated-measures ANOVA; analysis of covariance and multiple analyses of variance and covariance; diagnostic tests; regression models for quantitative and qualitative data; model selection and validation; logistic regression. Drawing clear lines between the use of IBM SPSS Statistics software and interpreting and analyzing results, and illustrated with sport and exercise science-specific sample data and results sections throughout, the book offers an unparalleled level of detail in explaining advanced statistical techniques to kinesiology students. Advanced Statistics for Kinesiology and Exercise Science is an essential text for any student studying advanced statistics or research methods as part of an undergraduate or postgraduate degree programme in kinesiology, sport and exercise science, or health science.

Exam Prep Flash Cards for SPSS Statistics Version 22: A

Using IBM® SPSS® Statistics: An Interactive Hands-On Approach, Third Edition gives readers an accessible and comprehensive guide to walking through SPSS®, providing them with step-by-step knowledge for effectively analyzing their data. From entering data to working with existing databases, and working with the help menu through performing factor analysis, Using IBM® SPSS® Statistics covers every aspect of SPSS® from introductory through intermediate statistics. The book is divided into parts that focus on mastering SPSS® basics, dealing with univariate statistics and graphing, inferential statistics, relational statistics, and more. Written using IBM® SPSS® version 25 and 24, and compatible with the earlier releases, this book is one of the most comprehensive SPSS® guides available.

Marketing Research with IBM® SPSS Statistics

Designed to help readers analyze and interpret research data using IBM SPSS, this user-friendly book shows readers how to choose the appropriate statistic based on the design; perform intermediate statistics, including multivariate statistics; interpret output; and write about the results. The book reviews research designs and how to assess the accuracy and reliability of data; how to determine whether data meet the assumptions of statistical tests; how to calculate and interpret effect sizes for intermediate statistics, including odds ratios for logistic analysis; how to compute and interpret post-hoc power; and an overview of basic statistics for those who need a review. Unique chapters on multilevel linear modeling; multivariate analysis of variance (MANOVA); assessing reliability of data; multiple imputation; mediation, moderation, and canonical correlation; and factor analysis are provided. SPSS syntax with output is included for those who prefer this format. The new edition features:

- IBM SPSS version 22; although the book can be used with most older and newer versions
- New discussion of intraclass correlations (Ch. 3)
- Expanded discussion of effect sizes that includes confidence intervals of effect sizes (ch.5)
- New information on part and partial correlations and how they are interpreted and a new discussion on backward elimination, another useful multiple regression method (Ch. 6)
- New chapter on how to use a variable as a mediator or a moderator (ch. 7)
- Revised chapter on multilevel and hierarchical linear modeling (ch. 12)
- A new chapter (ch. 13) on multiple imputation that demonstrates how to deal with missing data
- Updated web resources for instructors including PowerPoint slides and answers to interpretation questions and extra problems and for students, data sets, chapter outlines, and study guides.

IBM SPSS for Intermediate Statistics, Fifth Edition provides helpful teaching tools:

- all of the key SPSS windows needed to perform the analyses
- outputs with call-out boxes to highlight key points
- interpretation sections and questions to help students better understand and interpret the output
- extra problems with realistic data sets for practice using intermediate statistics
- Appendices on how to get started with SPSS, write research questions, and basic statistics.

An ideal supplement for courses in either intermediate/advanced statistics or research methods taught in departments of psychology, education, and other social, behavioral, and health sciences. This book is also appreciated by

researchers in these areas looking for a handy reference for SPSS

An Intermediate Guide to SPSS Programming

SPSS (Statistical Package for the Social Sciences) is a data management and analysis software that allows users to generate solid, decision-making results by performing statistical analysis This book provides just the information needed: installing the software, entering data, setting up calculations, and analyzing data Covers computing cross tabulation, frequencies, descriptive ratios, means, bivariate and partial correlations, linear regression, and much more Explains how to output information into striking charts and graphs For ambitious users, also covers how to program SPSS to take their statistical analysis to the next level

Using IBM SPSS Statistics

This new edition of one of the most widely read textbooks in its field introduces the reader to data analysis with the most powerful and versatile statistical package on the market: IBM SPSS Statistics 19. Each new release of SPSS Statistics features new options and other improvements. There remains a core of fundamental operating principles and techniques which have continued to apply to all releases issued in recent years and have been proved to be worth communicating in a small volume. This practical and informal book combines simplicity and clarity of presentation with a comprehensive treatment of the use of IBM SPSS Statistics 19 for the description, exploration and confirmation of data. As in earlier editions, coverage has been extended to address the issues raised by readers since the previous edition. In this edition, there is an introduction to the Analysis of Covariance (ANCOVA). Each statistical technique is presented in a realistic research context and is fully illustrated with annotated screen shots of SPSS dialog boxes and output. The first chapter sets the scene with a survey of typical research situations, key terms and clear signposts to the location of each technique in the book. It also offers guidance on the choice of statistical techniques, and advice (based on the American Psychological Association's guidelines) on how to report the results of a statistical analysis. The next chapters introduce the reader to the use of SPSS, beginning with the entry, description and exploration of data. There is also a full description of the capabilities of the versatile Chart Builder. Each of the remaining chapters concentrates on one particular kind of research situation and the statistical techniques that are appropriate. In summary, IBM SPSS Statistics 19 Made Simple Gets you started with SPSS. Shows you how to describe and explore a data set with the help of SPSS's extensive graphics and data-handling menus. Helps you to choose appropriate statistical techniques. Warns you of pitfalls arising from the misuse of statistics. Shows you how to report the results of a statistical analysis. Shows you how to use Syntax to implement some useful procedures and operations. Introduces the reader to the analysis of covariance (ANCOVA) Has a comprehensive glossary. Is now presented in an attractive two-colour format. The book's accompanying website contains datasets for the chapters of the book, as well

as a large body of exercises (with data sets), and notes on statistical terms. Instructor resources include a PowerPoint lecture course and Multiple-Choice Question tests, which are also available free of charge to lecturers adopting the book and their students. Please visit <http://www.psypress.com/spss-made-simple> for more details.

Practical Statistics for Nursing Using SPSS

Bridging an understanding of Statistics and SPSS. This unique text helps students develop a conceptual understanding of a variety of statistical tests by linking the ideas learned in a statistics class from a traditional statistics textbook with the computational steps and output from SPSS. Each chapter begins with a student-friendly explanation of the concept behind each statistical test and how the test relates to that concept. The authors then walk through the steps to compute the test in SPSS and the output, clearly linking how the SPSS procedure and output connect back to the conceptual underpinnings of the test. By drawing clear connections between the theoretical and computational aspects of statistics, this engaging text aids students' understanding of theoretical concepts by teaching them in a practical context.

Linear Mixed Models

A text that helps you conduct statistical analyses using PASW Statistics by SPSS (version 18.0). Drawing on relevant examples from a range of disciplines, it introduces and then visually guides you through a range of common SPSS/PASW Statistics procedures.

Understanding and Using Advanced Statistics

IBM SPSS by Example

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 (www.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.

SPSS Statistics Version 22

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, Basic SPSS Tutorial by Manfred te Grotenhuis and Anneke Matthijssen 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.

IBM SPSS Statistics 26 Step by Step

Marketing researchers, companies and business schools need to be able to use statistical procedures correctly and accurately interpret the outputs, yet generally these people are scared off by the statistics behind the different analyses procedures, thus they often rely on external sources to come up with profound answers to the proposed research questions. In an accessible and step by step approach, the authors show readers which procedures to use in which particular situation and how to practically execute them using IBM® SPSS Statistics. IBM® is one of the largest statistical software providers world-wide and their IBM® SPSS Statistics software offers a very user-friendly environment. The program uses a simple drag-and-drop menu interface, which is also suitable for non-experienced programmers. It is widely employed in companies and many business schools also use this software package. This straightforward, pragmatic reference manual will help: professional marketers who use statistical procedures in IBM® SPSS Statistics; undergraduate and postgraduate students where marketing research and research methodology are taught; all researchers analyzing survey-based data in a wide range of frontier domains like psychology, finance, accountancy, negotiation, communication, sociology, criminology, management, information systems, etc. IBM®'s next-generation business analytic solutions help organizations of all sizes make sense of information in the context of their business. You can uncover insights more quickly and easily from all types of data-even big data-and on multiple platforms and devices. And, with self-service and built-in expertise and intelligence, you have the freedom and confidence to make smarter decisions that better address your business imperatives.

SPSS: a Practical Guide Version 20.0

SPSS is enormously powerful - and challenging to learn. This popular handbook lets students get hands on with the statistical procedures they need. Screen shots, step-by-step guidance and examples with annotated outputs help students

learn. For students of psychology, marketing and research in any discipline. An essential practical guide to using SPSS.

SPSS Statistics: A Practical Guide with Student Resource Access 12 Months

An Intermediate Guide to SPSS Programming: Using Syntax for Data Management introduces the major tasks of data management and presents solutions using SPSS syntax. This book fills an important gap in the education of many students and researchers, whose coursework has left them unprepared for the data management issues that confront them when they begin to do independent research. It also serves as an introduction to SPSS programming. All the basic features of SPSS syntax are illustrated, as are many intermediate and advanced topics such as using vectors and loops, reading complex data files, and using the SPSS macro language.

A Guide to Doing Statistics in Second Language Research Using SPSS

Research Methods and Statistics for Public and Nonprofit Administrators: A Practical Guide is a comprehensive, easy-to-read, core text that thoroughly prepares readers to apply research methods and data analysis to the professional environments of public and non-profit administration. The authors expertly incorporate original case examples to demonstrate concepts using “real actors,” facing specific scenarios, in which research methods must be applied. This unique approach—presented in language accessible to both students new to research as well as current practitioners—guides the reader in fully understanding the research options detailed throughout the text.

Advancing Quantitative Methods in Second Language Research

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 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.

SPSS Statistics for Data Analysis and Visualization

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.

Intermediate Statistics Using SPSS

Data Analysis with IBM SPSS Statistics

SPSS is enormously powerful □ and challenging to learn. This popular handbook lets students get hands-on with the

statistical procedures they need. Full colour screen shots, step-by-step guidance and examples with annotated outputs help students learn. For students of psychology, marketing and research in any discipline. An essential practical guide to using the latest version of IBM SPSS Statistics. New, print versions of this book come with bonus online study tools on the CourseMate Express platform Learn more about the online tools cengage.com.au/learning-solutions

IBM SPSS Statistics 23 Step by Step

Lecturers/instructors - request a free digital inspection copy here With a little help from his weird band of characters the Fourth Edition of the award-winning book continues, with its unique blend of humour and collection of bizarre examples, to bring statistics - from first principles to advanced concepts - well and truly to life using IBM SPSS Statistics. Lecturers: with WebAssign® you can manage and monitor your students' progress quickly and easily online or give them more opportunities to practise! Ideal for short courses, choose to use WebAssign® alongside the Fourth Edition of Andy Field's textbook to quickly set up courses and schedule assignments (using the 2159 questions available) and track individual performance so you can spot in an instant where more instruction or practice is needed. If not using for formal assessment, WebAssign® still lets you set questions for your students to practise over and over again. They get instant feedback and also links to the relevant chapter or section in the integral ebook to help them work out the correct solution. For more information on how to integrate WebAssign® into a forthcoming course or to arrange a class test please contact your local SAGE representative for more details. (Students please note: access to WebAssign® is dependent not only on the purchase of a student access code (ISBN: 9781446273043) but also a username, institution code and password supplied by your course leader/instructor). SAGE MobileStudy - study where and when you like Scan any QR code within the book to access revision material on a smartphone or tablet such as Cramming Sam's Study tips, flashcard glossaries, interactive multiple choice questionnaires and more. Click here to take a look (if you're accessing the site from a desktop you'll be taken to the Companion Website instead; look out for the MobileStudy icon to show you which pages are also available on the MobileStudy site). See how Andy's book is changing the landscape for textbooks through the use of technology! Support materials for a wide range of disciplines Education and Sport Sciences lecturer support materials with enhanced ones for Psychology, Business and Management and the Health Sciences on the enhanced Companion Website make the book even more relevant to a wider range of subjects across the social sciences and where statistics is taught to a cross-disciplinary audience. Other major new updates include: Now fully compatible with recent IBM SPSS Statistics releases. Two new characters! Statistical cult leader Oditi provides students with access to video clips via his Lantern to help further understanding of statistical/SPSS concepts, while Confusius helps students to make better sense of statistical terms. The enhanced Companion Website offers plenty of lecturer and student material to use in conjunction with the textbook. These include PowerPoints and subject-specific testbanks for lecturers as well as answers to the Smart Alex tasks at the end of the each chapter; datafiles for testing problems in SPSS; flashcards of key concepts; self-assessment multiple-choice questions;

and online videos of key statistical and SPSS procedures discussed in the textbook for students. Video Links Go behind the scenes of the Fourth Edition, and find out about the man behind the book Watch Andy introduce SAGE MobileStudy Ask Andy Anything: Teaching stats and Robbie Williams' head Ask Andy Anything: Gibson or Fender Ask Andy Anything: The one part of the book Andy hated writing Available with Perusall—an eBook that makes it easier to prepare for class Perusall is an award-winning eBook platform featuring social annotation tools that allow students and instructors to collaboratively mark up and discuss their SAGE textbook. Backed by research and supported by technological innovations developed at Harvard University, this process of learning through collaborative annotation keeps your students engaged and makes teaching easier and more effective. Learn more.

Basic Statistics and Epidemiology

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.

Discovering Statistics Using IBM SPSS Statistics

This practical and highly visual text introduces students to a range of commonly used statistical procedures typically included in the curricula of undergraduate applied statistics and research methodology units. The text takes a hands-on approach to the subject matter, working through each procedure in an illustrated, step-by-step fashion. As well as a focus on a doing a , the authors also emphasise interpretation and reporting throughout using many examples with annotated SPSS output and explanations of how specific research findings can be communicated clearly and concisely.

Linear Mixed Models

The spread of sophisticated computer packages and the machinery on which to run them has meant that procedures which were previously only available to experienced researchers with access to expensive machines and research students can now be carried out in a few seconds by almost every undergraduate. Understanding and Using Advanced Statistics provides the basis for gaining an understanding of what these analytic procedures do, when they should be used, and what the results provided signify. This comprehensive textbook guides students and researchers through the transition from simple

statistics to more complex procedures with accessible language and illustration.

Marketing Research with IBM SPSS Statistics

Simplifying the often confusing array of software programs for fitting linear mixed models (LMMs), *Linear Mixed Models: A Practical Guide Using Statistical Software* provides a basic introduction to primary concepts, notation, software implementation, model interpretation, and visualization of clustered and longitudinal data. This easy-to-navigate reference details the use of procedures for fitting LMMs in five popular statistical software packages: SAS, SPSS, Stata, R/S-plus, and HLM. The authors introduce basic theoretical concepts, present a heuristic approach to fitting LMMs based on both general and hierarchical model specifications, develop the model-building process step-by-step, and demonstrate the estimation, testing, and interpretation of fixed-effect parameters and covariance parameters associated with random effects. These concepts are illustrated through examples using real-world data sets that enable comparisons of model fitting options and results across the software procedures. The book also gives an overview of important options and features available in each procedure. Making popular software procedures for fitting LMMs easy-to-use, this valuable resource shows how to perform LMM analyses and provides a clear explanation of mixed modeling techniques and theories.

Quick Guide to IBM® SPSS®

A Conceptual Guide to Statistics Using SPSS

Marketing researchers, companies and business schools need to be able to use statistical procedures correctly and accurately interpret the outputs, yet generally these people are scared off by the statistics behind the different analyses procedures, thus they often rely on external sources to come up with profound answers to the proposed research questions. In an accessible and step by step approach, the authors show readers which procedures to use in which particular situation and how to practically execute them using IBM(r) SPSS Statistics. IBM(r) is one of the largest statistical software providers world-wide and their IBM(r) SPSS Statistics software offers a very user-friendly environment. The program uses a simple drag-and-drop menu interface, which is also suitable for non-experienced programmers. It is widely employed in companies and many business schools also use this software package. This straightforward, pragmatic reference manual will help: professional marketers who use statistical procedures in in IBM(r) SPSS Statistics; undergraduate and postgraduate students where marketing research and research methodology are taught; all researchers analyzing survey-based data in a wide range of frontier domains like psychology, finance, accountancy, negotiation, communication, sociology, criminology, management, information systems, etc. IBM(r)'s next-generation business analytic solutions help organizations of all sizes

make sense of information in the context of their business. You can uncover insights more quickly and easily from all types of data—even big data—and on multiple platforms and devices. And, with self-service and built-in expertise and intelligence, you have the freedom and confidence to make smarter decisions that better address your business imperati

Practical Statistics

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. IBM 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®

Highly recommended by JASA, Technometrics, and other journals, the first edition of this bestseller showed how to easily perform complex linear mixed model (LMM) analyses via a variety of software programs. Linear Mixed Models: A Practical Guide Using Statistical Software, Second Edition continues to lead readers step by step through the process of fitting LMMs. This second edition covers additional topics on the application of LMMs that are valuable for data analysts in all fields. It also updates the case studies using the latest versions of the software procedures and provides up-to-date information on the options and features of the software procedures available for fitting LMMs in SAS, SPSS, Stata, R/S-plus, and HLM. New to the Second Edition: A new chapter on models with crossed random effects that uses a case study to illustrate software procedures capable of fitting these models. Power analysis methods for longitudinal and clustered study designs, including software options for power analyses and suggested approaches to writing simulations. Use of the lmer() function in the lme4 R package. New sections on fitting LMMs to complex sample survey data and Bayesian approaches to making inferences.

based on LMMs Updated graphical procedures in the software packages Substantially revised index to enable more efficient reading and easier location of material on selected topics or software options More practical recommendations on using the software for analysis A new R package (WWGbook) that contains all of the data sets used in the examples Ideal for anyone who uses software for statistical modeling, this book eliminates the need to read multiple software-specific texts by covering the most popular software programs for fitting LMMs in one handy guide. The authors illustrate the models and methods through real-world examples that enable comparisons of model-fitting options and results across the software procedures.

Exam Prep for: SPSS Statistics Version 22; A Practical Guide

This valuable book shows second language researchers how to use the statistical program SPSS to conduct statistical tests frequently done in SLA research. Using data sets from real SLA studies, *A Guide to Doing Statistics in Second Language Research Using SPSS* shows newcomers to both statistics and SPSS how to generate descriptive statistics, how to choose a statistical test, and how to conduct and interpret a variety of basic statistical tests. It covers the statistical tests that are most commonly used in second language research, including chi-square, t-tests, correlation, multiple regression, ANOVA and non-parametric analogs to these tests. The text is abundantly illustrated with graphs and tables depicting actual data sets, and exercises throughout the book help readers understand concepts (such as the difference between independent and dependent variables) and work out statistical analyses. Answers to all exercises are provided on the book's companion website, along with sample data sets and other supplementary material.

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