

A Handbook Of Statistical Analyses Using Spss Academia

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A HANDBOOK OF STATISTICAL ANALYSES USING SPSS - DR. BRIJESH AWASTHI 2020-06-09

IBM SPSS FOR INTRODUCTORY STATISTICS - GEORGE A. MORGAN 2012-09-10

DESIGNED TO HELP STUDENTS ANALYZE AND INTERPRET RESEARCH DATA USING IBM SPSS, THIS USER-FRIENDLY BOOK, WRITTEN IN EASY-TO-UNDERSTAND LANGUAGE, SHOWS READERS HOW TO CHOOSE THE APPROPRIATE STATISTIC BASED ON THE DESIGN, AND TO

INTERPRET OUTPUTS APPROPRIATELY.

THE AUTHORS PREPARE READERS FOR ALL OF THE STEPS IN THE RESEARCH PROCESS: DESIGN, ENTERING AND CHECKING DATA, TESTING ASSUMPTIONS, ASSESSING RELIABILITY AND VALIDITY, COMPUTING DESCRIPTIVE AND INFERENTIAL PARAMETRIC AND NONPARAMETRIC STATISTICS, AND WRITING ABOUT OUTPUTS. DIALOG WINDOWS AND SPSS SYNTAX, ALONG WITH THE OUTPUT, ARE PROVIDED.

THREE REALISTIC DATA SETS, AVAILABLE ON THE INTERNET, ARE USED

TO SOLVE THE CHAPTER PROBLEMS. THE NEW EDITION FEATURES: UPDATED TO IBM SPSS VERSION 20 BUT THE BOOK CAN ALSO BE USED WITH OLDER AND NEWER VERSIONS OF SPSS. A NEW CHAPTER (7) INCLUDING AN INTRODUCTION TO CRONBACH'S ALPHA AND FACTOR ANALYSIS. UPDATED WEB RESOURCES WITH POWERPOINT SLIDES, ADDITIONAL ACTIVITIES/SUGGESTIONS, AND THE ANSWERS TO EVEN-NUMBERED INTERPRETATION QUESTIONS FOR THE INSTRUCTORS, AND CHAPTER STUDY GUIDES AND OUTLINES AND EXTRA SPSS PROBLEMS FOR THE STUDENTS. THE WEB RESOURCE IS LOCATED WWW.ROUTLEDGE.COM/9781848729827 . STUDENTS, INSTRUCTORS, AND INDIVIDUAL PURCHASERS CAN ACCESS THE DATA FILES TO ACCOMPANY THE BOOK AT WWW.ROUTLEDGE.COM/9781848729827 . IBM SPSS FOR INTRODUCTORY STATISTICS, FIFTH EDITION PROVIDES HELPFUL TEACHING TOOLS: ALL OF THE KEY IBM SPSS WINDOWS NEEDED TO PERFORM THE ANALYSES. COMPLETE OUTPUTS WITH CALL-OUT BOXES TO HIGHLIGHT KEY POINTS. FLOWCHARTS AND TABLES TO HELP SELECT APPROPRIATE STATISTICS AND INTERPRET EFFECT SIZES. INTERPRETATION SECTIONS AND QUESTIONS HELP STUDENTS BETTER UNDERSTAND AND INTERPRET THE OUTPUT. ASSIGNMENTS ORGANIZED THE WAY STUDENTS PROCEED WHEN THEY CONDUCT A RESEARCH PROJECT. EXAMPLES OF HOW TO WRITE ABOUT OUTPUTS AND MAKE TABLES IN APA

FORMAT. HELPFUL APPENDICES ON HOW TO GET STARTED WITH SPSS AND WRITE RESEARCH QUESTIONS. AN IDEAL SUPPLEMENT FOR COURSES IN EITHER STATISTICS, RESEARCH METHODS, OR ANY COURSE IN WHICH SPSS IS USED, SUCH AS IN DEPARTMENTS OF PSYCHOLOGY, EDUCATION, AND OTHER SOCIAL AND HEALTH SCIENCES. THIS BOOK IS ALSO APPRECIATED BY RESEARCHERS INTERESTED IN USING SPSS FOR THEIR DATA ANALYSIS.

THE R BOOK - MICHAEL J. CRAWLEY
2007-06-13

THE HIGH-LEVEL LANGUAGE OF R IS RECOGNIZED AS ONE OF THE MOST POWERFUL AND FLEXIBLE STATISTICAL SOFTWARE ENVIRONMENTS, AND IS RAPIDLY BECOMING THE STANDARD SETTING FOR QUANTITATIVE ANALYSIS, STATISTICS AND GRAPHICS. R PROVIDES FREE ACCESS TO UNRIVALLED COVERAGE AND CUTTING-EDGE APPLICATIONS, ENABLING THE USER TO APPLY NUMEROUS STATISTICAL METHODS RANGING FROM SIMPLE REGRESSION TO TIME SERIES OR MULTIVARIATE ANALYSIS. BUILDING ON THE SUCCESS OF THE AUTHOR'S BESTSELLING *STATISTICS: AN INTRODUCTION USING R*, *THE R BOOK* IS PACKED WITH WORKED EXAMPLES, PROVIDING AN ALL INCLUSIVE GUIDE TO R, IDEAL FOR NOVICE AND MORE ACCOMPLISHED USERS ALIKE. THE BOOK ASSUMES NO BACKGROUND IN STATISTICS OR COMPUTING AND INTRODUCES THE ADVANTAGES OF THE R ENVIRONMENT, DETAILING ITS APPLICATIONS IN A WIDE RANGE OF

DISCIPLINES. PROVIDES THE FIRST COMPREHENSIVE REFERENCE MANUAL FOR THE R LANGUAGE, INCLUDING PRACTICAL GUIDANCE AND FULL COVERAGE OF THE GRAPHICS FACILITIES. INTRODUCES ALL THE STATISTICAL MODELS COVERED BY R, BEGINNING WITH SIMPLE CLASSICAL TESTS SUCH AS CHI-SQUARE AND T-TEST. PROCEEDS TO EXAMINE MORE ADVANCED METHODS, FROM REGRESSION AND ANALYSIS OF VARIANCE, THROUGH TO GENERALIZED LINEAR MODELS, GENERALIZED MIXED MODELS, TIME SERIES, SPATIAL STATISTICS, MULTIVARIATE STATISTICS AND MUCH MORE. THE R BOOK IS AIMED AT UNDERGRADUATES, POSTGRADUATES AND PROFESSIONALS IN SCIENCE, ENGINEERING AND MEDICINE. IT IS ALSO IDEAL FOR STUDENTS AND PROFESSIONALS IN STATISTICS, ECONOMICS, GEOGRAPHY AND THE SOCIAL SCIENCES.

HANDBOOK OF STATISTICAL METHODS FOR CASE-CONTROL STUDIES - [?] ROLF BORGAN 2018-06-27

HANDBOOK OF STATISTICAL METHODS FOR CASE-CONTROL STUDIES IS WRITTEN BY LEADING RESEARCHERS IN THE FIELD. IT PROVIDES AN IN-DEPTH TREATMENT OF UP-TO-DATE AND CURRENTLY DEVELOPING STATISTICAL METHODS FOR THE DESIGN AND ANALYSIS OF CASE-CONTROL STUDIES, AS WELL AS A REVIEW OF CLASSICAL PRINCIPLES AND METHODS. THE HANDBOOK IS DESIGNED TO SERVE AS A REFERENCE TEXT FOR BIostatisticians AND QUANTITATIVELY-ORIENTED EPIDEMIOLOGISTS WHO ARE WORKING

ON THE DESIGN AND ANALYSIS OF CASE-CONTROL STUDIES OR ON RELATED STATISTICAL METHODS RESEARCH. THOUGH NOT SPECIFICALLY INTENDED AS A TEXTBOOK, IT MAY ALSO BE USED AS A BACKUP REFERENCE TEXT FOR GRADUATE LEVEL COURSES. BOOK SECTIONS CLASSICAL DESIGNS AND CAUSAL INFERENCE, MEASUREMENT ERROR, POWER, AND SMALL-SAMPLE INFERENCE DESIGNS THAT USE FULL-COHORT INFORMATION TIME-TO-EVENT DATA GENETIC EPIDEMIOLOGY ABOUT THE EDITORS [?] ROLF BORGAN IS PROFESSOR OF STATISTICS, UNIVERSITY OF OSLO. HIS BOOK WITH ANDERSEN, GILL AND KEIDING ON COUNTING PROCESSES IN SURVIVAL ANALYSIS IS A WORLD CLASSIC. NORMAN E. BRESLOW WAS, AT THE TIME OF HIS DEATH, PROFESSOR EMERITUS IN BIostatistics, UNIVERSITY OF WASHINGTON. FOR DECADES, HIS BOOK WITH NICK DAY HAS BEEN THE AUTHORITATIVE TEXT ON CASE-CONTROL METHODOLOGY. NILANJAN CHATTERJEE IS BLOOMBERG DISTINGUISHED PROFESSOR, JOHNS HOPKINS UNIVERSITY. HE LEADS A BROAD RESEARCH PROGRAM IN STATISTICAL METHODS FOR MODERN LARGE SCALE BIOMEDICAL STUDIES. MITCHELL H. GAIL IS A SENIOR INVESTIGATOR AT THE NATIONAL CANCER INSTITUTE. HIS RESEARCH INCLUDES MODELING ABSOLUTE RISK OF DISEASE, INTERVENTION TRIALS, AND STATISTICAL METHODS FOR EPIDEMIOLOGY. ALASTAIR SCOTT WAS, AT THE TIME OF HIS DEATH,

PROFESSOR EMERITUS OF STATISTICS, UNIVERSITY OF AUCKLAND. HE WAS A MAJOR CONTRIBUTOR TO USING SURVEY SAMPLING METHODS FOR ANALYZING CASE-CONTROL DATA. CHRIS J. WILD IS PROFESSOR OF STATISTICS, UNIVERSITY OF AUCKLAND. HIS RESEARCH INCLUDES NONLINEAR REGRESSION AND METHODS FOR FITTING MODELS TO RESPONSE-SELECTIVE DATA.

APPLIED STATISTICS AND MULTIVARIATE DATA ANALYSIS FOR BUSINESS AND ECONOMICS - THOMAS CLEFF 2019-07-10

THIS TEXTBOOK WILL FAMILIARIZE STUDENTS IN ECONOMICS AND BUSINESS, AS WELL AS PRACTITIONERS, WITH THE BASIC PRINCIPLES, TECHNIQUES, AND APPLICATIONS OF APPLIED STATISTICS, STATISTICAL TESTING, AND MULTIVARIATE DATA ANALYSIS. DRAWING ON PRACTICAL EXAMPLES FROM THE BUSINESS WORLD, IT DEMONSTRATES THE METHODS OF UNIVARIATE, BIVARIATE, AND MULTIVARIATE STATISTICAL ANALYSIS. THE TEXTBOOK COVERS A RANGE OF TOPICS, FROM DATA COLLECTION AND SCALING TO THE PRESENTATION AND SIMPLE UNIVARIATE ANALYSIS OF QUANTITATIVE DATA, WHILE ALSO PROVIDING ADVANCED ANALYTICAL PROCEDURES FOR ASSESSING MULTIVARIATE RELATIONSHIPS. ACCORDINGLY, IT ADDRESSES ALL TOPICS TYPICALLY COVERED IN UNIVERSITY COURSES ON STATISTICS AND ADVANCED APPLIED DATA ANALYSIS. IN ADDITION, IT DOES NOT LIMIT ITSELF TO PRESENTING APPLIED

METHODS, BUT ALSO DISCUSSES THE RELATED USE OF EXCEL, SPSS, AND STATA.

IBM SPSS STATISTICS 23 STEP BY STEP - DARREN GEORGE 2016-03-22
IBM SPSS STATISTICS 23 STEP BY STEP: A SIMPLE GUIDE AND REFERENCE, 14E, TAKES A STRAIGHTFORWARD, STEP-BY-STEP APPROACH THAT MAKES SPSS SOFTWARE CLEAR TO BEGINNERS AND EXPERIENCED RESEARCHERS ALIKE. EXTENSIVE USE OF VIVID, FOUR-COLOR SCREEN SHOTS, CLEAR WRITING, AND STEP-BY-STEP BOXES GUIDE READERS THROUGH THE PROGRAM. EXERCISES AT THE END OF EACH CHAPTER SUPPORT STUDENTS BY PROVIDING ADDITIONAL OPPORTUNITIES TO PRACTICE USING SPSS. ALL DATASETS USED IN THE BOOK ARE AVAILABLE FOR DOWNLOAD AT:

[HTTPS://WWW.ROUTLEDGE.COM/PRODUCTS/9780134320250](https://www.routledge.com/products/9780134320250)

DATA ANALYSIS USING SAS - C.Y. JOANNE PENG 2008-08-28

DATA ANALYSIS USING SAS OFFERS A COMPREHENSIVE CORE TEXT FOCUSED ON KEY CONCEPTS AND TECHNIQUES IN QUANTITATIVE DATA ANALYSIS USING THE MOST CURRENT SAS COMMANDS AND PROGRAMMING LANGUAGE. THE COVERAGE OF THE TEXT IS MORE EVENLY BALANCED AMONG STATISTICAL ANALYSIS, SAS PROGRAMMING, AND DATA/FILE MANAGEMENT THAN ANY AVAILABLE TEXT ON THE MARKET. IT PROVIDES STUDENTS WITH A HANDS-ON, EXERCISE-HEAVY METHOD FOR LEARNING BASIC TO INTERMEDIATE SAS COMMANDS WHILE UNDERSTANDING HOW

TO APPLY STATISTICS AND REASONING TO REAL-WORLD PROBLEMS. DESIGNED TO BE USED IN ORDER OF TEACHING PREFERENCE BY INSTRUCTOR, THE BOOK IS COMPRISED OF TWO PRIMARY SECTIONS: THE FIRST HALF OF THE TEXT INSTRUCTS STUDENTS IN TECHNIQUES FOR DATA AND FILE MANAGERMENTS SUCH AS CONCATENATING AND MERGING FILES, CONDITIONAL OR REPETITIVE PROCESSING OF VARIABLES, AND OBSERVATIONS. THE SECOND HALF OF THE TEXT GOES INTO GREAT DEPTH ON THE MOST COMMON STATISTICAL TECHNIQUES AND CONCEPTS - DESCRIPTIVE STATISTICS, CORRELATION, ANALYSIS OF VARIANCE, AND REGRESSION - USED TO ANALYZE DATA IN THE SOCIAL, BEHAVIORAL, AND HEALTH SCIENCES USING SAS COMMANDS. A STUDENT STUDY AT WWW.SAGEPUB.COM/PENGSTUDY COMES REPLETE WITH A MULTITUDE OF COMPUTER PROGRAMS, THEIR OUTPUT, SPECIFIC DETAILS ON HOW TO CHECK ASSUMPTIONS, AS WELL AS ALL DATA SETS USED IN THE BOOK. DATA ANALYSIS USING SAS IS A COMPLETE RESOURCE FOR DATA ANALYSIS I AND II, STATISTICS I AND II, QUANTITATIVE REASONING, AND SAS PROGRAMMING COURSES ACROSS THE SOCIAL AND BEHAVIORAL SCIENCES AND HEALTH - ESPECIALLY THOSE THAT CARRY A LAB COMPONENT.

DOING META-ANALYSIS WITH R - MATHIAS HARRER 2021-09-15
DOING META-ANALYSIS WITH R: A HANDS-ON GUIDE SERVES AS AN ACCESSIBLE INTRODUCTION ON HOW

META-ANALYSES CAN BE CONDUCTED IN R. ESSENTIAL STEPS FOR META-ANALYSIS ARE COVERED, INCLUDING CALCULATION AND POOLING OF OUTCOME MEASURES, FOREST PLOTS, HETEROGENEITY DIAGNOSTICS, SUBGROUP ANALYSES, META-REGRESSION, METHODS TO CONTROL FOR PUBLICATION BIAS, RISK OF BIAS ASSESSMENTS AND PLOTTING TOOLS. ADVANCED BUT HIGHLY RELEVANT TOPICS SUCH AS NETWORK META-ANALYSIS, MULTI-THREE-LEVEL META-ANALYSES, BAYESIAN META-ANALYSIS APPROACHES AND SEM META-ANALYSIS ARE ALSO COVERED. A COMPANION R PACKAGE, DMETAR, IS INTRODUCED AT THE BEGINNING OF THE GUIDE. IT CONTAINS DATA SETS AND SEVERAL HELPER FUNCTIONS FOR THE META AND METAFOR PACKAGE USED IN THE GUIDE. THE PROGRAMMING AND STATISTICAL BACKGROUND COVERED IN THE BOOK ARE KEPT AT A NON-EXPERT LEVEL, MAKING THE BOOK WIDELY ACCESSIBLE.

FEATURES • CONTAINS TWO INTRODUCTORY CHAPTERS ON HOW TO SET UP AN R ENVIRONMENT AND DO BASIC IMPORTS/MANIPULATIONS OF META-ANALYSIS DATA, INCLUDING EXERCISES • DESCRIBES STATISTICAL CONCEPTS CLEARLY AND CONCISELY BEFORE APPLYING THEM IN R • INCLUDES STEP-BY-STEP GUIDANCE THROUGH THE CODING REQUIRED TO PERFORM META-ANALYSES, AND A COMPANION R PACKAGE FOR THE BOOK

SPSS SURVIVAL MANUAL: A STEP BY STEP GUIDE TO DATA ANALYSIS USING IBM SPSS - JULIE PALLANT

2020-04-01

THE SPSS SURVIVAL MANUAL
THROWS A LIFELINE TO STUDENTS AND RESEARCHERS GRAPPLING WITH THIS POWERFUL DATA ANALYSIS SOFTWARE. IN HER BESTSELLING GUIDE, JULIE PALLANT TAKES YOU THROUGH THE ENTIRE RESEARCH PROCESS, HELPING YOU CHOOSE THE RIGHT DATA ANALYSIS TECHNIQUE FOR YOUR PROJECT. THIS EDITION HAS BEEN UPDATED TO INCLUDE UP TO SPSS VERSION 26. FROM THE FORMULATION OF RESEARCH QUESTIONS, TO THE DESIGN OF THE STUDY AND ANALYSIS OF DATA, TO REPORTING THE RESULTS, JULIE DISCUSSES BASIC AND ADVANCED STATISTICAL TECHNIQUES. SHE OUTLINES EACH TECHNIQUE CLEARLY, WITH STEP-BY-STEP PROCEDURES FOR PERFORMING THE ANALYSIS, A DETAILED GUIDE TO INTERPRETING DATA OUTPUT AND AN EXAMPLE OF HOW TO PRESENT THE 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. IT IS ILLUSTRATED THROUGHOUT WITH SCREEN GRABS, EXAMPLES OF OUTPUT AND TIPS, AND IS ALSO FURTHER 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 PROCEDURES.
SPSS DATA ANALYSIS FOR UNIVARIATE, BIVARIATE, AND

MULTIVARIATE STATISTICS - DANIEL J. DENIS 2018-09-25

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; INFERENCE 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 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.

SPSS EXPLAINED - PERRY R. HINTON
2014-03-21

SPSS EXPLAINED PROVIDES THE STUDENT WITH ALL THAT THEY NEED TO UNDERTAKE STATISTICAL ANALYSIS USING SPSS. IT COMBINES A STEP-BY-STEP APPROACH TO EACH PROCEDURE

WITH EASY TO FOLLOW SCREENSHOTS AT EACH STAGE OF THE PROCESS. A NUMBER OF OTHER HELPFUL FEATURES ARE PROVIDED: REGULAR ADVICE BOXES WITH TIPS SPECIFIC TO EACH TEST EXPLANATIONS DIVIDED INTO ‘ESSENTIAL’ AND ‘ADVANCED’ SECTIONS TO SUIT READERS AT DIFFERENT LEVELS FREQUENTLY ASKED QUESTIONS AT THE END OF EACH CHAPTER. THE FIRST EDITION OF THIS POPULAR BOOK HAS BEEN FULLY UPDATED FOR IBM SPSS VERSION 21 AND ALSO INCLUDES: CHAPTERS THAT EXPLAIN BOOTSTRAPPING AND HOW THIS IS USED AN INTRODUCTION TO BINARY LOGISTIC REGRESSION COVERAGE OF NEW FEATURES SUCH AS CHART BUILDER. PRESENTED IN FULL COLOUR AND WITH A FRESH, READER-FRIENDLY LAYOUT, THIS FULLY UPDATED NEW EDITION ALSO COMES WITH A COMPANION WEBSITE FEATURING AN ARRAY OF SUPPLEMENTARY RESOURCES FOR STUDENTS. THE AUTHORS HAVE MANY YEARS OF EXPERIENCE IN TEACHING SPSS TO STUDENTS FROM A WIDE RANGE OF DISCIPLINES. THEIR UNDERSTANDING OF SPSS USERS’ CONCERNS, AS WELL AS A KNOWLEDGE OF THE TYPE OF QUESTIONS STUDENTS ASK, FORM THE FOUNDATION OF THIS BOOK. MINIMAL PRIOR KNOWLEDGE IS ASSUMED, SO THE BOOK IS WELL DESIGNED FOR THE NOVICE USER, BUT IT WILL ALSO BE A USEFUL REFERENCE SOURCE FOR THOSE DEVELOPING THEIR OWN EXPERTISE IN SPSS. IT IS SUITABLE FOR ALL STUDENTS WHO NEED TO DO STATISTICAL ANALYSIS USING

SPSS IN VARIOUS DEPARTMENTS INCLUDING PSYCHOLOGY, SOCIAL SCIENCE, BUSINESS STUDIES, NURSING, EDUCATION, HEALTH AND SPORT SCIENCE, COMMUNICATION AND MEDIA, GEOGRAPHY, AND BIOLOGY.

DISCOVERING STATISTICS USING SPSS

- ANDY FIELD 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.

IBM SPSS STATISTICS 27 STEP BY STEP - DARREN GEORGE 2021-12-29
IBM SPSS STATISTICS 27 STEP BY STEP: A SIMPLE GUIDE AND REFERENCE, SEVENTEENTH EDITION, TAKES A STRAIGHTFORWARD, STEP-BY-STEP APPROACH THAT MAKES SPSS SOFTWARE CLEAR TO BEGINNERS AND EXPERIENCED RESEARCHERS ALIKE. EXTENSIVE USE OF FOUR-COLOR SCREEN SHOTS, CLEAR WRITING, AND STEP-BY-STEP BOXES GUIDE READERS THROUGH THE PROGRAM. OUTPUT FOR EACH PROCEDURE IS EXPLAINED AND ILLUSTRATED, AND EVERY OUTPUT TERM IS DEFINED. EXERCISES AT THE END OF EACH CHAPTER SUPPORT STUDENTS BY PROVIDING ADDITIONAL

OPPORTUNITIES TO PRACTICE USING SPSS. THIS BOOK COVERS THE BASICS OF STATISTICAL ANALYSIS AND ADDRESSES MORE ADVANCED TOPICS SUCH AS MULTIDIMENSIONAL SCALING, FACTOR ANALYSIS, DISCRIMINANT ANALYSIS, MEASURES OF INTERNAL CONSISTENCY, MANOVA (BETWEEN- AND WITHIN-SUBJECTS), CLUSTER ANALYSIS, LOG-LINEAR MODELS, LOGISTIC REGRESSION, AND A CHAPTER DESCRIBING RESIDUALS. THE END SECTIONS INCLUDE A DESCRIPTION OF DATA FILES USED IN EXERCISES, AN EXHAUSTIVE GLOSSARY, SUGGESTIONS FOR FURTHER READING, AND A COMPREHENSIVE INDEX. IBM SPSS STATISTICS 27 STEP BY STEP IS DISTRIBUTED IN 85 COUNTRIES, HAS BEEN AN ACADEMIC BEST SELLER THROUGH MOST OF THE EARLIER EDITIONS, AND HAS PROVED AN INVALUABLE AID TO THOUSANDS OF RESEARCHERS AND STUDENTS. NEW TO THIS EDITION: SCREENSHOTS, EXPLANATIONS, AND STEP-BY-STEP BOXES HAVE BEEN FULLY UPDATED TO REFLECT SPSS 27 A NEW CHAPTER ON A PRIORI POWER ANALYSIS HELPS RESEARCHERS DETERMINE THE SAMPLE SIZE NEEDED FOR THEIR RESEARCH BEFORE STARTING DATA COLLECTION.
STATISTICAL METHODS FOR PRACTICE AND RESEARCH - AJAI S GAUR
2009-05-13
THERE IS A GROWING TREND THESE DAYS TO USE STATISTICAL METHODS TO COMPREHEND AND EXPLAIN VARIOUS SITUATIONS AND PHENOMENA IN DIFFERENT DISCIPLINES. MANAGERS,

SOCIAL SCIENTISTS AND PRACTICING RESEARCHERS ARE INCREASINGLY COLLECTING INFORMATION AND APPLYING SCIENTIFIC METHODS TO ANALYZE THE DATA. THE ABILITY TO USE STATISTICAL METHODS AND TOOLS BECOMES A CRUCIAL SKILL FOR THE SUCCESS OF SUCH EFFORTS. THIS BOOK IS DESIGNED TO ASSIST STUDENTS, MANAGERS, ACADEMICS AND RESEARCHERS IN SOLVING STATISTICAL PROBLEMS USING SPSS AND TO HELP THEM UNDERSTAND HOW THEY CAN APPLY VARIOUS STATISTICAL TOOLS FOR THEIR OWN RESEARCH PROBLEMS. SPSS IS A VERY POWERFUL AND USER FRIENDLY COMPUTER PACKAGE FOR DATA ANALYSES. IT CAN TAKE DATA FROM MOST OTHER FILE TYPES AND GENERATE TABLES, CHARTS, PLOTS, AND DESCRIPTIVE STATISTICS, AND CONDUCT COMPLEX STATISTICAL ANALYSES. AFTER PROVIDING A BRIEF OVERVIEW OF SPSS AND BASIC STATISTICAL CONCEPTS, THE BOOK COVERS: - DESCRIPTIVE STATISTICS - T-TESTS, CHI-SQUARE TESTS AND ANOVA - CORRELATION ANALYSIS - MULTIPLE AND LOGISTICS REGRESSION - FACTOR ANALYSIS AND TESTING SCALE RELIABILITY - ADVANCED DATA HANDLING ILLUSTRATED WITH SIMPLE, PRACTICAL PROBLEMS, AND SCREEN SHOTS, THIS BOOK OUTLINES THE STEPS FOR SOLVING STATISTICAL PROBLEMS USING SPSS. ALTHOUGH THE ILLUSTRATIONS ARE BASED ON VERSION 16.0 OF SPSS, USERS OF THE EARLIER VERSIONS WILL FIND THE BOOK EQUALLY USEFUL AND RELEVANT.

WRITTEN IN A READER-FRIENDLY, NON-TECHNICAL STYLE, THIS BOOK WILL SERVE AS A COMPANION VOLUME TO ANY STATISTICS TEXTBOOK.

USING IBM® SPSS® STATISTICS FOR RESEARCH METHODS AND SOCIAL SCIENCE STATISTICS - WILLIAM E.

WAGNER, III 2019-04-17

USING IBM® SPSS® STATISTICS FOR RESEARCH METHODS AND SOCIAL SCIENCE STATISTICS IS THE PERFECT COMPANION FOR STUDENTS WHO ARE LEARNING TO USE SPSS® SOFTWARE TO INTERPRET AND MANAGE DATA WITHIN THEIR SOCIAL STATISTICS AND/OR RESEARCH METHODS COURSES.

BOTH FIRST-TIME AND MORE EXPERIENCED SPSS® USERS WILL APPRECIATE AUTHOR WILLIAM E. WAGNER, III'S STEP-BY-STEP EXPLANATIONS OF SPSS® OPERATING PROCEDURES AND INTRODUCTORY STATISTICAL OPERATIONS. THE SEVENTH EDITION REFLECTS SPSS® VERSION 25.0 AND INCORPORATES THE LATEST RESULTS FROM THE GENERAL SOCIAL SURVEY (GSS) AS A SECONDARY DATA SET. USING EXAMPLES, TABLES, AND ACTUAL SPSS® SCREEN CAPTURES, IT GUIDES USERS THROUGH SEVERAL DIFFERENT KINDS OF SPSS® FILES INCLUDING DATA FILES, OUTPUT FILES, AND SYNTAX FILES.

STATISTICAL POWER ANALYSIS FOR THE BEHAVIORAL SCIENCES - JACOB COHEN 2013-05-13

STATISTICAL POWER ANALYSIS IS A NONTECHNICAL GUIDE TO POWER ANALYSIS IN RESEARCH PLANNING THAT

PROVIDES USERS OF APPLIED STATISTICS WITH THE TOOLS THEY NEED FOR MORE EFFECTIVE ANALYSIS. THE SECOND EDITION INCLUDES: * A CHAPTER COVERING POWER ANALYSIS IN SET CORRELATION AND MULTIVARIATE METHODS; * A CHAPTER CONSIDERING EFFECT SIZE, PSYCHOMETRIC RELIABILITY, AND THE EFFICACY OF "QUALIFYING" DEPENDENT VARIABLES AND; * EXPANDED POWER AND SAMPLE SIZE TABLES FOR MULTIPLE REGRESSION/CORRELATION.

AN INTRODUCTION TO STATISTICAL ANALYSIS IN RESEARCH, OPTIMIZED EDITION - KATHLEEN F. WEAVER
2017-08-10

PROVIDES WELL-ORGANIZED COVERAGE OF STATISTICAL ANALYSIS AND APPLICATIONS IN BIOLOGY, KINESIOLOGY, AND PHYSICAL ANTHROPOLOGY WITH COMPREHENSIVE INSIGHTS INTO THE TECHNIQUES AND INTERPRETATIONS OF R, SPSS®, EXCEL®, AND NUMBERS® OUTPUT AN INTRODUCTION TO STATISTICAL ANALYSIS IN RESEARCH: WITH APPLICATIONS IN THE BIOLOGICAL AND LIFE SCIENCES DEVELOPS A CONCEPTUAL FOUNDATION IN STATISTICAL ANALYSIS WHILE PROVIDING READERS WITH OPPORTUNITIES TO PRACTICE THESE SKILLS VIA RESEARCH-BASED DATA SETS IN BIOLOGY, KINESIOLOGY, AND PHYSICAL ANTHROPOLOGY. READERS ARE PROVIDED WITH A DETAILED INTRODUCTION AND ORIENTATION TO STATISTICAL ANALYSIS AS WELL AS PRACTICAL EXAMPLES TO ENSURE A

THOROUGH UNDERSTANDING OF THE CONCEPTS AND METHODOLOGY. IN ADDITION, THE BOOK ADDRESSES NOT JUST THE STATISTICAL CONCEPTS RESEARCHERS SHOULD BE FAMILIAR WITH, BUT ALSO DEMONSTRATES THEIR RELEVANCE TO REAL-WORLD RESEARCH QUESTIONS AND HOW TO PERFORM THEM USING EASILY AVAILABLE SOFTWARE PACKAGES INCLUDING R, SPSS®, EXCEL®, AND NUMBERS®. SPECIFIC EMPHASIS IS ON THE PRACTICAL APPLICATION OF STATISTICS IN THE BIOLOGICAL AND LIFE SCIENCES, WHILE ENHANCING READER SKILLS IN IDENTIFYING THE RESEARCH QUESTIONS AND TESTABLE HYPOTHESES, DETERMINING THE APPROPRIATE EXPERIMENTAL METHODOLOGY AND STATISTICAL ANALYSES, PROCESSING DATA, AND REPORTING THE RESEARCH OUTCOMES. IN ADDITION, THIS BOOK: • AIMS TO DEVELOP READERS' SKILLS INCLUDING HOW TO REPORT RESEARCH OUTCOMES, DETERMINE THE APPROPRIATE EXPERIMENTAL METHODOLOGY AND STATISTICAL ANALYSIS, AND IDENTIFY THE NEEDED RESEARCH QUESTIONS AND TESTABLE HYPOTHESES • INCLUDES PEDAGOGICAL ELEMENTS THROUGHOUT THAT ENHANCE THE OVERALL LEARNING EXPERIENCE INCLUDING CASE STUDIES AND TUTORIALS, ALL IN AN EFFORT TO GAIN FULL COMPREHENSION OF DESIGNING AN EXPERIMENT, CONSIDERING BIASES AND UNCONTROLLED VARIABLES, ANALYZING DATA, AND APPLYING THE APPROPRIATE STATISTICAL APPLICATION WITH VALID

JUSTIFICATION • FILLS THE GAP BETWEEN THEORETICALLY DRIVEN, MATHEMATICALLY HEAVY TEXTS AND INTRODUCTORY, STEP-BY-STEP TYPE BOOKS WHILE PREPARING READERS WITH THE PROGRAMMING SKILLS NEEDED TO CARRY OUT BASIC STATISTICAL TESTS, BUILD SUPPORT FIGURES, AND INTERPRET THE RESULTS • PROVIDES A COMPANION WEBSITE THAT FEATURES RELATED R, SPSS, EXCEL, AND NUMBERS DATA SETS, SAMPLE POWERPOINT® LECTURE SLIDES, END OF THE CHAPTER REVIEW QUESTIONS, SOFTWARE VIDEO TUTORIALS THAT HIGHLIGHT BASIC STATISTICAL CONCEPTS, AND A STUDENT WORKBOOK AND INSTRUCTOR MANUAL AN INTRODUCTION TO STATISTICAL ANALYSIS IN RESEARCH: WITH APPLICATIONS IN THE BIOLOGICAL AND LIFE SCIENCES IS AN IDEAL TEXTBOOK FOR UPPER- UNDERGRADUATE AND GRADUATE-LEVEL COURSES IN RESEARCH METHODS, BIOSTATISTICS, STATISTICS, BIOLOGY, KINESIOLOGY, SPORTS SCIENCE AND MEDICINE, HEALTH AND PHYSICAL EDUCATION, MEDICINE, AND NUTRITION. THE BOOK IS ALSO APPROPRIATE AS A REFERENCE FOR RESEARCHERS AND PROFESSIONALS IN THE FIELDS OF ANTHROPOLOGY, SPORTS RESEARCH, SPORTS SCIENCE, AND PHYSICAL EDUCATION. KATHLEEN F. WEAVER, PHD, IS ASSOCIATE DEAN OF LEARNING, INNOVATION, AND TEACHING AND PROFESSOR IN THE DEPARTMENT OF BIOLOGY AT THE UNIVERSITY OF LA VERNE. THE AUTHOR OF NUMEROUS JOURNAL ARTICLES, SHE RECEIVED HER

PHD IN ECOLOGY AND EVOLUTIONARY BIOLOGY FROM THE UNIVERSITY OF COLORADO. VANESSA C. MORALES, BS, IS ASSISTANT DIRECTOR OF THE ACADEMIC SUCCESS CENTER AT THE UNIVERSITY OF LA VERNE. SARAH L. DUNN, PHD, IS ASSOCIATE PROFESSOR IN THE DEPARTMENT OF KINESIOLOGY AT THE UNIVERSITY OF LA VERNE AND IS DIRECTOR OF RESEARCH AND SPONSORED PROGRAMS. SHE HAS AUTHORED NUMEROUS JOURNAL ARTICLES AND RECEIVED HER PHD IN HEALTH AND EXERCISE SCIENCE FROM THE UNIVERSITY OF NEW SOUTH WALES. KANYA GODDE, PHD, IS ASSISTANT PROFESSOR IN THE DEPARTMENT OF ANTHROPOLOGY AND IS DIRECTOR/CHAIR OF INSTITUTIONAL REVIEW BOARD AT THE UNIVERSITY OF LA VERNE. THE AUTHOR OF NUMEROUS J SAS AND R - KEN KLEINMAN 2014-07-17

AN UP-TO-DATE, ALL-IN-ONE RESOURCE FOR USING SAS AND R TO PERFORM FREQUENT TASKS THE FIRST EDITION OF THIS POPULAR GUIDE PROVIDED A PATH BETWEEN SAS AND R USING AN EASY-TO-UNDERSTAND, DICTIONARY-LIKE APPROACH. RETAINING THE SAME ACCESSIBLE FORMAT, SAS AND R: DATA MANAGEMENT, STATISTICAL ANALYSIS, AND GRAPHICS, SECOND EDITION EXPLAINS HOW TO EASILY PERFORM AN ANALYTICAL TASK IN BOTH SAS AND R, WITHOUT HAVING TO NAVIGATE THROUGH THE EXTENSIVE, IDIOSYNCRATIC, AND SOMETIMES

UNWIELDY SOFTWARE DOCUMENTATION. THE BOOK COVERS MANY COMMON TASKS, SUCH AS DATA MANAGEMENT, DESCRIPTIVE SUMMARIES, INFERENCE PROCEDURES, REGRESSION ANALYSIS, AND GRAPHICS, ALONG WITH MORE COMPLEX APPLICATIONS. NEW TO THE SECOND EDITION THIS EDITION NOW COVERS RSTUDIO, A POWERFUL AND EASY-TO-USE INTERFACE FOR R. IT INCORPORATES A NUMBER OF ADDITIONAL TOPICS, INCLUDING USING APPLICATION PROGRAM INTERFACES (APIS), ACCESSING DATA THROUGH DATABASE MANAGEMENT SYSTEMS, USING REPRODUCIBLE ANALYSIS TOOLS, AND STATISTICAL ANALYSIS WITH MARKOV CHAIN MONTE CARLO (MCMC) METHODS AND FINITE MIXTURE MODELS. IT ALSO INCLUDES EXTENDED EXAMPLES OF SIMULATIONS AND MANY NEW EXAMPLES. ENABLES EASY MOBILITY BETWEEN THE TWO SYSTEMS THROUGH THE EXTENSIVE INDEXING AND CROSS-REFERENCING, USERS CAN DIRECTLY FIND AND IMPLEMENT THE MATERIAL THEY NEED. SAS USERS CAN LOOK UP TASKS IN THE SAS INDEX AND THEN FIND THE ASSOCIATED R CODE WHILE R USERS CAN BENEFIT FROM THE R INDEX IN A SIMILAR MANNER. NUMEROUS EXAMPLE ANALYSES DEMONSTRATE THE CODE IN ACTION AND FACILITATE FURTHER EXPLORATION. THE DATASETS AND CODE ARE AVAILABLE FOR DOWNLOAD ON THE BOOK'S WEBSITE.

SPSS FOR DUMMIES - ARTHUR GRIFFITH 2007-03-07
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

BUSINESS RESEARCH METHODS AND STATISTICS USING SPSS - ROBERT P BURNS 2008-11-20
IDEAL FOR THOSE WITH A MINIMUM OF MATHEMATICAL AND STATISTICAL KNOWLEDGE, BUSINESS RESEARCH METHODS AND STATISTICS USING SPSS PROVIDES AN EASY TO FOLLOW APPROACH TO UNDERSTANDING AND USING QUANTITATIVE METHODS AND STATISTICS. IT IS SOLIDLY GROUNDED IN THE CONTEXT OF BUSINESS AND MANAGEMENT RESEARCH, ENABLING STUDENTS TO APPRECIATE THE PRACTICAL APPLICATIONS OF THE TECHNIQUES AND PROCEDURES EXPLAINED. THE BOOK IS COMPREHENSIVE IN ITS COVERAGE, INCLUDING DISCUSSION OF THE BUSINESS CONTEXT, STATISTICAL ANALYSIS OF DATA, SURVEY METHODS, AND

REPORTING AND PRESENTING RESEARCH. A COMPANION WEBSITE ALSO CONTAINS FOUR EXTRA CHAPTERS FOR THE MORE ADVANCED STUDENT, ALONG WITH POWERPOINT SLIDES FOR LECTURERS, AND ADDITIONAL QUESTIONS AND EXERCISES, ALL OF WHICH AIM TO HELP STUDENTS TO: - UNDERSTAND THE IMPORTANCE AND APPLICATION OF STATISTICS AND QUANTITATIVE METHODS IN THE FIELD OF BUSINESS - DESIGN EFFECTIVE RESEARCH STUDIES - INTERPRET STATISTICAL RESULTS - USE STATISTICAL INFORMATION MEANINGFULLY - USE SPSS CONFIDENTLY

A HANDBOOK OF BASIC STATISTICAL ANALYSES USING SPSS - MOHAMMAD NASIR BIN ABDULLAH 2017-07-01

THIS WELL RESPECTED TEXT IS DESIGNED FOR THE FIRST COURSE IN STATISTICS AND SPSS TAKEN BY STUDENTS MAJORING IN BUSINESS, HEALTH, AND MEDICINE. THE TEXT OFFERS A BALANCED PRESENTATION OF APPLICATIONS AND THEORY. THE AUTHORS TAKE CARE TO DEVELOP THE THEORETICAL FOUNDATIONS FOR THE STATISTICAL METHODS PRESENTED AT A LEVEL THAT IS ACCESSIBLE TO STUDENTS WITH NO STATISTICAL BACKGROUND. THE EXAMPLES IN THIS BOOK WERE CHOSEN SPECIFICALLY FOR STUDENTS IN BUSINESS, HEALTH, AND MEDICINE WHICH INCLUDE OPPORTUNITIES FOR REAL DATA ANALYSIS

A HANDBOOK OF STATISTICAL ANALYSES USING R - TORSTEN

HOTHORN 2006-02-17

R IS DYNAMIC, TO SAY THE LEAST. MORE PRECISELY, IT IS ORGANIC, WITH NEW FUNCTIONALITY AND ADD-ON PACKAGES APPEARING CONSTANTLY. AND BECAUSE OF ITS OPEN-SOURCE NATURE AND FREE AVAILABILITY, R IS QUICKLY BECOMING THE SOFTWARE OF CHOICE FOR STATISTICAL ANALYSIS IN A VARIETY OF FIELDS. DOING FOR R WHAT EVERITT'S OTHER HANDBOOKS HAVE DONE FOR S-PLUS, STATA, SPSS, AND SAS, A HANDBOOK OF STATISTICAL ANALYSES USING R PRESENTS STRAIGHTFORWARD, SELF-CONTAINED DESCRIPTIONS OF HOW TO PERFORM A VARIETY OF STATISTICAL ANALYSES IN THE R ENVIRONMENT. FROM SIMPLE INFERENCE TO RECURSIVE PARTITIONING AND CLUSTER ANALYSIS, EMINENT EXPERTS EVERITT AND HOTHORN LEAD YOU METHODICALLY THROUGH THE STEPS, COMMANDS, AND INTERPRETATION OF THE RESULTS, ADDRESSING THEORY AND STATISTICAL BACKGROUND ONLY WHEN USEFUL OR NECESSARY. THEY BEGIN WITH AN INTRODUCTION TO R, DISCUSSING THE SYNTAX, GENERAL OPERATORS, AND BASIC DATA MANIPULATION WHILE SUMMARIZING THE MOST IMPORTANT FEATURES. NUMEROUS FIGURES HIGHLIGHT R'S STRONG GRAPHICAL CAPABILITIES AND EXERCISES AT THE END OF EACH CHAPTER REINFORCE THE TECHNIQUES AND CONCEPTS PRESENTED. ALL DATA SETS AND CODE USED IN THE BOOK ARE AVAILABLE AS A DOWNLOADABLE PACKAGE FROM CRAN, THE R ONLINE ARCHIVE. A HANDBOOK

OF STATISTICAL ANALYSES USING R IS THE PERFECT GUIDE FOR NEWCOMERS AS WELL AS SEASONED USERS OF R WHO WANT CONCRETE, STEP-BY-STEP GUIDANCE ON HOW TO USE THE SOFTWARE EASILY AND EFFECTIVELY FOR NEARLY ANY STATISTICAL ANALYSIS.

STATISTICAL ANALYSIS QUICK REFERENCE GUIDEBOOK - ALAN C. ELLIOTT 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.

HANDBOOK OF UNIVARIATE AND MULTIVARIATE DATA ANALYSIS AND INTERPRETATION WITH SPSS - ROBERT HO 2006-03-24

MANY STATISTICS TEXTS TEND TO FOCUS MORE ON THE THEORY AND MATHEMATICS UNDERLYING STATISTICAL TESTS THAN ON THEIR APPLICATIONS AND INTERPRETATION. THIS CAN LEAVE READERS WITH LITTLE UNDERSTANDING OF HOW TO APPLY STATISTICAL TESTS OR HOW TO INTERPRET THEIR FINDINGS. WHILE THE SPSS STATISTICAL SOFTWARE HAS DONE MUCH TO ALLEVIATE THE FRUSTRATIONS OF S
SPSS SURVIVAL MANUAL - JULIE

PALLANT 2010

'THE PASW AND SPSS SURVIVAL MANUAL' THROWS A LIFELINE TO STUDENTS AND RESEARCHERS GRAPPLING WITH THIS DATA ANALYSIS SOFTWARE. FROM THE FORMULATION OF RESEARCH QUESTIONS, TO THE DESIGN OF THE STUDY AND ANALYSIS OF DATA, TO REPORTING THE RESULTS, THE AUTHOR DISCUSSES BASIC AND ADVANCED STATISTICAL TECHNIQUES.

AN INTRODUCTION TO STATISTICS AND DATA ANALYSIS USING STATA® - LISA DANIELS 2019-01-11

AN INTRODUCTION TO STATISTICS AND DATA ANALYSIS USING STATA® BY LISA DANIELS AND NICHOLAS MINOT PROVIDES A STEP-BY-STEP INTRODUCTION FOR STATISTICS, DATA ANALYSIS, OR RESEARCH METHODS CLASSES WITH STATA. CONCISE DESCRIPTIONS EMPHASIZE THE CONCEPTS BEHIND STATISTICS FOR STUDENTS RATHER THAN THE DERIVATIONS OF THE FORMULAS. WITH REAL-WORLD EXAMPLES FROM A VARIETY OF DISCIPLINES AND EXTENSIVE DETAIL ON THE COMMANDS IN STATA, THIS TEXT PROVIDES AN INTEGRATED APPROACH TO RESEARCH DESIGN, STATISTICAL ANALYSIS, AND REPORT WRITING FOR SOCIAL SCIENCE STUDENTS.

REGRESSION MODELING STRATEGIES - FRANK E. HARRELL 2013-03-09

MANY TEXTS ARE EXCELLENT SOURCES OF KNOWLEDGE ABOUT INDIVIDUAL STATISTICAL TOOLS, BUT THE ART OF DATA ANALYSIS IS ABOUT CHOOSING AND USING MULTIPLE TOOLS. INSTEAD OF PRESENTING ISOLATED TECHNIQUES,

THIS TEXT EMPHASIZES PROBLEM SOLVING STRATEGIES THAT ADDRESS THE MANY ISSUES ARISING WHEN DEVELOPING MULTIVARIABLE MODELS USING REAL DATA AND NOT STANDARD TEXTBOOK EXAMPLES. IT INCLUDES IMPUTATION METHODS FOR DEALING WITH MISSING DATA EFFECTIVELY, METHODS FOR DEALING WITH NONLINEAR RELATIONSHIPS AND FOR MAKING THE ESTIMATION OF TRANSFORMATIONS A FORMAL PART OF THE MODELING PROCESS, METHODS FOR DEALING WITH "TOO MANY VARIABLES TO ANALYZE AND NOT ENOUGH OBSERVATIONS," AND POWERFUL MODEL VALIDATION TECHNIQUES BASED ON THE BOOTSTRAP. THIS TEXT REALISTICALLY DEALS WITH MODEL UNCERTAINTY AND ITS EFFECTS ON INFERENCE TO ACHIEVE "SAFE DATA MINING".

A HANDBOOK OF STATISTICAL ANALYSES USING SPSS - SABINE LANDAU 2017-09-11

SHOWS HOW TO CONDUCT A RANGE OF UNIVARIATE AND MULTIVARIATE STATISTICAL ANALYSIS USING THE STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES, VERSION 11. THIS TITLE ADDRESSES VARIOUS TYPES OF ANALYTICAL PROCEDURE THAT ARE APPLIED TO DATA SETS, PRIMARILY FROM THE SOCIAL AND BEHAVIORAL SCIENCES AREAS. IT IS SUITABLE FOR RESEARCHERS IN PSYCHOLOGY.

STATISTICS FOR THE HEALTH SCIENCES - CHRISTINE DANCEY 2012-03-19

STATISTICS FOR THE HEALTH SCIENCES IS A HIGHLY READABLE AND ACCESSIBLE

TEXTBOOK ON UNDERSTANDING STATISTICS FOR THE HEALTH SCIENCES, BOTH CONCEPTUALLY AND VIA THE SPSS PROGRAMME. THE AUTHORS GIVE CLEAR EXPLANATIONS OF THE CONCEPTS UNDERLYING STATISTICAL ANALYSES AND DESCRIPTIONS OF HOW THESE ANALYSES ARE APPLIED IN HEALTH SCIENCE RESEARCH WITHOUT COMPLEX MATHS FORMULAE. THE TEXTBOOK TAKES STUDENTS FROM THE BASICS OF RESEARCH DESIGN, HYPOTHESIS TESTING AND DESCRIPTIVE STATISTICAL TECHNIQUES THROUGH TO MORE ADVANCED INFERENTIAL STATISTICAL TESTS THAT HEALTH SCIENCE STUDENTS ARE LIKELY TO ENCOUNTER. THE STRENGTHS AND WEAKNESSES OF DIFFERENT TECHNIQUES ARE CRITICALLY APPRAISED THROUGHOUT, AND THE AUTHORS EMPHASISE HOW THEY MAY BE USED BOTH IN RESEARCH AND TO INFORM BEST PRACTICE CARE IN HEALTH SETTINGS. EXERCISES AND TIPS THROUGHOUT THE BOOK ALLOW STUDENTS TO PRACTICE USING SPSS. THE COMPANION WEBSITE PROVIDES FURTHER PRACTICAL EXPERIENCE OF CONDUCTING STATISTICAL ANALYSES. FEATURES INCLUDE: • MULTIPLE CHOICE QUESTIONS FOR BOTH STUDENT AND LECTURER USE • FULL POWERPOINT SLIDES FOR LECTURERS • PRACTICAL EXERCISES USING SPSS • ADDITIONAL PRACTICAL EXERCISES USING SAS AND R THIS IS AN ESSENTIAL TEXTBOOK FOR STUDENTS STUDYING BEGINNER AND INTERMEDIATE LEVEL STATISTICS ACROSS THE HEALTH SCIENCES.

THE BOOK OF R - TILMAN M. DAVIES
2016-07-16

THE BOOK OF R IS A COMPREHENSIVE, BEGINNER-FRIENDLY GUIDE TO R, THE WORLD'S MOST POPULAR PROGRAMMING LANGUAGE FOR STATISTICAL ANALYSIS. EVEN IF YOU HAVE NO PROGRAMMING EXPERIENCE AND LITTLE MORE THAN A GROUNDING IN THE BASICS OF MATHEMATICS, YOU'LL FIND EVERYTHING YOU NEED TO BEGIN USING R EFFECTIVELY FOR STATISTICAL ANALYSIS. YOU'LL START WITH THE BASICS, LIKE HOW TO HANDLE DATA AND WRITE SIMPLE PROGRAMS, BEFORE MOVING ON TO MORE ADVANCED TOPICS, LIKE PRODUCING STATISTICAL SUMMARIES OF YOUR DATA AND PERFORMING STATISTICAL TESTS AND MODELING. YOU'LL EVEN LEARN HOW TO CREATE IMPRESSIVE DATA VISUALIZATIONS WITH R'S BASIC GRAPHICS TOOLS AND CONTRIBUTED PACKAGES, LIKE GGPLOT2 AND GGVIS, AS WELL AS INTERACTIVE 3D VISUALIZATIONS USING THE RGL PACKAGE. DOZENS OF HANDS-ON EXERCISES (WITH DOWNLOADABLE SOLUTIONS) TAKE YOU FROM THEORY TO PRACTICE, AS YOU LEARN: -THE FUNDAMENTALS OF PROGRAMMING IN R, INCLUDING HOW TO WRITE DATA FRAMES, CREATE FUNCTIONS, AND USE VARIABLES, STATEMENTS, AND LOOPS -STATISTICAL CONCEPTS LIKE EXPLORATORY DATA ANALYSIS, PROBABILITIES, HYPOTHESIS TESTS, AND REGRESSION MODELING, AND HOW TO EXECUTE THEM IN R -HOW TO ACCESS R'S THOUSANDS OF FUNCTIONS,

LIBRARIES, AND DATA SETS -HOW TO DRAW VALID AND USEFUL CONCLUSIONS FROM YOUR DATA -HOW TO CREATE PUBLICATION-QUALITY GRAPHICS OF YOUR RESULTS COMBINING DETAILED EXPLANATIONS WITH REAL-WORLD EXAMPLES AND EXERCISES, THIS BOOK WILL PROVIDE YOU WITH A SOLID UNDERSTANDING OF BOTH STATISTICS AND THE DEPTH OF R'S FUNCTIONALITY. MAKE THE BOOK OF R YOUR DOORWAY INTO THE GROWING WORLD OF DATA ANALYSIS.

IBM SPSS BY EXAMPLE - ALAN C. ELLIOTT 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.

DISCOVERING STATISTICS USING IBM SPSS STATISTICS - ANDY FIELD
2017-11-21

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 AND MOODLE. LEARN MORE AT EDGE.SAGEPUB.COM/FIELD5E STAY CONNECTED CONNECT WITH US ON FACEBOOK AND SHARE YOUR EXPERIENCES WITH ANDY'S TEXTS, CHECK OUT NEWS, ACCESS FREE STUFF, SEE PHOTOS, WATCH VIDEOS, LEARN ABOUT COMPETITIONS, AND MUCH MORE. VIDEO LINKS GO BEHIND THE SCENES AND LEARN MORE ABOUT THE MAN BEHIND THE BOOK AT ANDY'S YOUTUBE CHANNEL 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).

HANDBOOK OF STATISTICAL ANALYSES USING STATA - BRIAN S. EVERITT 2006-11-15

WITH EACH NEW RELEASE OF STATA, A COMPREHENSIVE RESOURCE IS NEEDED TO HIGHLIGHT THE IMPROVEMENTS AS WELL AS DISCUSS THE FUNDAMENTALS OF THE SOFTWARE. FULFILLING THIS NEED, A HANDBOOK OF STATISTICAL ANALYSES USING STATA, FOURTH EDITION HAS BEEN FULLY UPDATED TO PROVIDE AN INTRODUCTION TO STATA VERSION 9. THIS EDITION COVERS MANY HANDBOOK OF STATISTICAL ANALYSIS AND DATA MINING APPLICATIONS - ROBERT NISBET 2017-11-09

HANDBOOK OF STATISTICAL ANALYSIS AND DATA MINING APPLICATIONS, SECOND EDITION, IS A COMPREHENSIVE PROFESSIONAL REFERENCE BOOK THAT GUIDES BUSINESS ANALYSTS, SCIENTISTS, ENGINEERS AND RESEARCHERS, BOTH ACADEMIC AND INDUSTRIAL, THROUGH ALL STAGES OF DATA ANALYSIS, MODEL BUILDING AND IMPLEMENTATION. THE HANDBOOK HELPS USERS DISCERN TECHNICAL AND BUSINESS PROBLEMS, UNDERSTAND THE STRENGTHS AND WEAKNESSES OF MODERN DATA MINING ALGORITHMS AND EMPLOY THE RIGHT STATISTICAL METHODS FOR PRACTICAL APPLICATION.

THIS BOOK IS AN IDEAL REFERENCE FOR USERS WHO WANT TO ADDRESS MASSIVE AND COMPLEX DATASETS WITH NOVEL STATISTICAL APPROACHES AND BE ABLE TO OBJECTIVELY EVALUATE ANALYSES AND SOLUTIONS. IT HAS CLEAR, INTUITIVE EXPLANATIONS OF THE PRINCIPLES AND TOOLS FOR SOLVING PROBLEMS USING MODERN ANALYTIC TECHNIQUES AND DISCUSSES THEIR APPLICATION TO REAL PROBLEMS IN WAYS ACCESSIBLE AND BENEFICIAL TO PRACTITIONERS ACROSS SEVERAL AREAS—FROM SCIENCE AND ENGINEERING, TO MEDICINE, ACADEMIA AND COMMERCE. INCLUDES INPUT BY PRACTITIONERS FOR PRACTITIONERS INCLUDES TUTORIALS IN NUMEROUS FIELDS OF STUDY THAT PROVIDE STEP-BY-STEP INSTRUCTION ON HOW TO USE SUPPLIED TOOLS TO BUILD MODELS CONTAINS PRACTICAL ADVICE FROM SUCCESSFUL REAL-WORLD IMPLEMENTATIONS BRINGS TOGETHER, IN A SINGLE RESOURCE, ALL THE INFORMATION A BEGINNER NEEDS TO UNDERSTAND THE TOOLS AND ISSUES IN DATA MINING TO BUILD SUCCESSFUL DATA MINING SOLUTIONS FEATURES CLEAR, INTUITIVE EXPLANATIONS OF NOVEL ANALYTICAL TOOLS AND TECHNIQUES, AND THEIR PRACTICAL APPLICATIONS

A HANDBOOK OF STATISTICAL ANALYSES USING SPSS - SABINE LANDAU 2003-11-24

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.

A CONCEPTUAL GUIDE TO STATISTICS USING SPSS - ELLIOT T. BERKMAN 2011-04-12

"THIS BOOK HELPS STUDENTS DEVELOP A CONCEPTUAL UNDERSTANDING OF A VARIETY OF STATISTICAL TESTS BY LINKING THE STATISTICS WITH THE COMPUTATIONAL STEPS AND OUTPUT FROM SPSS. LEARNING HOW STATISTICAL IDEAS MAP ONTO COMPUTATION IN SPSS WILL HELP STUDENTS BUILD A BETTER UNDERSTANDING OF BOTH. FOR EXAMPLE, SEEING EXACTLY HOW THE CONCEPT OF VARIANCE IS USED IN SPSS—HOW IT IS CONVERTED INTO A NUMBER BASED ON REAL DATA, WHICH OTHER CONCEPTS IT IS ASSOCIATED WITH, AND WHERE IT APPEARS IN VARIOUS STATISTICAL TESTS—WILL NOT ONLY HELP STUDENTS UNDERSTAND HOW TO USE STATISTICAL TESTS IN

SPSS AND HOW TO INTERPRET THEIR OUTPUT, BUT WILL ALSO TEACH THEM ABOUT THE CONCEPT OF VARIANCE ITSELF. 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, POINTING OUT WHEREVER POSSIBLE HOW THE SPSS PROCEDURE AND OUTPUT CONNECTS BACK TO THE CONCEPTUAL UNDERPINNINGS OF THE TEST. EACH OF THE STEPS IS ACCOMPANIED BY ANNOTATED SCREEN SHOTS FROM SPSS, AND RELEVANT COMPONENTS OF OUTPUT ARE HIGHLIGHTED IN BOTH THE TEXT AND IN THE FIGURES. SECTIONS EXPLAIN THE CONCEPTUAL MACHINERY UNDERLYING THE STATISTICAL TESTS. IN CONTRAST TO MERELY PRESENTING THE EQUATIONS FOR COMPUTING THE STATISTIC, THESE SECTIONS DESCRIBE THE IDEA BEHIND EACH TEST IN PLAIN LANGUAGE AND HELP STUDENTS MAKE THE CONNECTION BETWEEN THE IDEAS AND SPSS PROCEDURES. THESE INCLUDE EXTENSIVE TREATMENT OF CUSTOM HYPOTHESIS TESTING IN ANOVA, MANOVA, ANCOVA, AND REGRESSION, AND AN ENTIRE CHAPTER ON THE ADVANCED MATRIX ALGEBRA FUNCTIONS AVAILABLE ONLY THROUGH SYNTAX IN SPSS. THE BOOK WILL BE APPROPRIATE FOR BOTH ADVANCED UNDERGRADUATE AND GRADUATE LEVEL COURSES IN STATISTICS"--

USING R AND RSTUDIO FOR DATA MANAGEMENT, STATISTICAL ANALYSIS, AND GRAPHICS - NICHOLAS J. HORTON 2015-03-10

IMPROVE YOUR ANALYTICAL SKILLS INCORPORATING THE LATEST R PACKAGES AS WELL AS NEW CASE STUDIES AND APPLICATIONS, USING R AND RSTUDIO FOR DATA MANAGEMENT, STATISTICAL ANALYSIS, AND GRAPHICS, SECOND EDITION COVERS THE ASPECTS OF R MOST OFTEN USED BY STATISTICAL ANALYSTS. NEW USERS OF R WILL FIND THE BOOK'S SIMPLE APPROACH EASY TO UNDERSTAND WHILE MORE

AN INTRODUCTION TO CATEGORICAL DATA ANALYSIS - ALAN AGRESTI 2018-10-11

A VALUABLE NEW EDITION OF A STANDARD REFERENCE THE USE OF STATISTICAL METHODS FOR CATEGORICAL DATA HAS INCREASED DRAMATICALLY, PARTICULARLY FOR APPLICATIONS IN THE BIOMEDICAL AND SOCIAL SCIENCES. AN INTRODUCTION TO CATEGORICAL DATA ANALYSIS, THIRD EDITION SUMMARIZES THESE METHODS AND SHOWS READERS HOW TO USE THEM USING SOFTWARE. READERS WILL FIND A UNIFIED GENERALIZED LINEAR MODELS APPROACH THAT CONNECTS LOGISTIC REGRESSION AND LOGLINEAR MODELS FOR DISCRETE DATA WITH NORMAL REGRESSION FOR CONTINUOUS DATA. ADDING TO THE VALUE IN THE NEW EDITION IS: • ILLUSTRATIONS OF THE USE OF R SOFTWARE TO PERFORM ALL THE ANALYSES IN THE BOOK • A NEW

CHAPTER ON ALTERNATIVE METHODS FOR CATEGORICAL DATA, INCLUDING SMOOTHING AND REGULARIZATION METHODS (SUCH AS THE LASSO), CLASSIFICATION METHODS SUCH AS LINEAR DISCRIMINANT ANALYSIS AND CLASSIFICATION TREES, AND CLUSTER ANALYSIS • NEW SECTIONS IN MANY CHAPTERS INTRODUCING THE BAYESIAN APPROACH FOR THE METHODS OF THAT CHAPTER • MORE THAN 70 ANALYSES OF DATA SETS TO ILLUSTRATE APPLICATION OF THE METHODS, AND ABOUT 200 EXERCISES, MANY CONTAINING OTHER DATA SETS • AN APPENDIX SHOWING HOW TO USE SAS, STATA, AND SPSS, AND AN APPENDIX WITH SHORT SOLUTIONS TO MOST ODD-NUMBERED EXERCISES WRITTEN IN AN APPLIED, NONTECHNICAL STYLE, THIS BOOK ILLUSTRATES THE METHODS USING A WIDE VARIETY OF REAL DATA, INCLUDING MEDICAL CLINICAL TRIALS, ENVIRONMENTAL QUESTIONS, DRUG USE BY TEENAGERS, HORSESHOE CRAB MATING, BASKETBALL SHOOTING, CORRELATES OF HAPPINESS, AND MUCH MORE. AN INTRODUCTION TO CATEGORICAL DATA ANALYSIS, THIRD EDITION IS AN INVALUABLE TOOL FOR STATISTICIANS AND BIostatisticians AS WELL AS METHODOLOGISTS IN THE SOCIAL AND BEHAVIORAL SCIENCES, MEDICINE AND PUBLIC HEALTH, MARKETING, EDUCATION, AND THE BIOLOGICAL AND AGRICULTURAL SCIENCES.

A HANDBOOK OF STATISTICAL ANALYSES USING R - TORSTEN HOTHORN 2014-05-30

LIKE THE BEST-SELLING FIRST TWO EDITIONS, *A HANDBOOK OF STATISTICAL ANALYSES USING R*, THIRD EDITION PROVIDES AN UP-TO-DATE GUIDE TO DATA ANALYSIS USING THE R SYSTEM FOR STATISTICAL COMPUTING. THE BOOK EXPLAINS HOW TO CONDUCT A RANGE OF STATISTICAL ANALYSES, FROM SIMPLE INFERENCE TO RECURSIVE PARTITIONING TO CLUSTER ANALYSIS. NEW TO THE THIRD EDITION **MEDICAL STATISTICS** - JENNIFER PEAT 2008-04-15

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.