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Data Mining with Rattle and R Graham Williams 2011-08-04 Data mining is the art and science of intelligent data analysis. By building knowledge from information, data mining adds considerable value to the ever increasing stores of electronic data that abound today. In performing data mining many decisions need to be made regarding the choice of methodology, the choice of data, the choice of tools, and the choice of algorithms. Throughout this book the reader is introduced to the basic concepts and some of the more popular algorithms of data mining. With a focus on the hands-on end-to-end process for data mining, Williams guides the reader through various capabilities of the easy to use, free, and open source Rattle Data Mining Software built on the sophisticated R Statistical Software. The focus on doing data mining rather than just reading about data mining is refreshing. The book covers data understanding, data preparation, data refinement, model building, model evaluation, and practical deployment. The reader will learn to rapidly deliver a data mining project using software easily installed for free from the Internet. Coupling Rattle with R delivers a very sophisticated data

mining environment with all the power, and more, of the many commercial offerings.

Day-to-day Dyslexia in the Classroom Joy Pollock 2004 This fully revised and update edition of a classic text offers invaluable advice to teachers on how they can recognize specific learning difficulties and give practical help to children in their classes.

Reproducible Research with R and RStudio Christopher Gandrud 2020-02-21 Praise for previous editions: "Gandrud has written a great outline of how a fully reproducible research project should look from start to finish, with brief explanations of each tool that he uses along the way... Advanced undergraduate students in mathematics, statistics, and similar fields as well as students just beginning their graduate studies would benefit the most from reading this book. Many more experienced R users or second-year graduate students might find themselves thinking, 'I wish I'd read this book at the start of my studies, when I was first learning R!'...This book could be used as the main text for a class on reproducible research ..." (The American Statistician) Reproducible Research with R and R Studio, Third Edition brings together the skills and tools needed for doing and presenting computational research. Using straightforward examples, the book takes you through an entire reproducible research workflow. This practical workflow enables you to gather and analyze data as well as dynamically present results in print and on the web. Supplementary materials and example are available on the author's website. New to the Third Edition Updated package recommendations, examples, URLs, and removed technologies no longer in regular use. More advanced R Markdown (and less LaTeX) in discussions of markup languages and examples. Stronger focus on reproducible working directory tools. Updated discussion of cloud storage services and persistent reproducible material citation. Added discussion of Jupyter notebooks and reproducible practices in industry. Examples of data manipulation with Tidyverse tibbles (in addition to standard data frames) and pivot_longer() and pivot_wider() functions for pivoting data. Features Incorporates the most important advances that have been developed since the editions were published Describes a complete reproducible research workflow, from data gathering to the presentation of results Shows how to automatically generate tables and figures using R INCLUDES

instructions on formatting a presentation document via markup languages Discusses cloud storage and versioning services, particularly Github Explains how to use Unix-like shell programs for working with large research projects

Issues and trends in education for sustainable development Leicht, Alexander 2018-02-19 Education for Sustainable Development (ESD) is globally acknowledged as a powerful driver of change, empowering learners to make decisions and take actions needed to build a just and economically viable societ y respect ful of both the environment and cultural diversit y.

Economic and Management Sciences, Grade 9 Marietjie Barbard 2015-05-29

Applied Behavior Analysis John O. Cooper 2020

Logic and Critical Reasoning Anand Vaidya 2011

Modeling and Solving Linear Programming with R Jose M. Sallan 2015-09-09 Linear programming is one of the most extensively used techniques in the toolbox of quantitative methods of optimization. One of the reasons of the popularity of linear programming is that it allows to model a large variety of situations with a simple framework. Furthermore, a linear program is relatively easy to solve. The simplex method allows to solve most linear programs efficiently, and the Karmarkar interior-point method allows a more efficient solving of some kinds of linear programming. The power of linear programming is greatly enhanced when came the opportunity of solving integer and mixed integer linear programming. In these models all or some of the decision variables are integers, respectively. In this book we provide a brief introduction to linear programming, together with a set of exercises that introduce some applications of linear programming. We will also provide an introduction to solve linear programming in R. For each problem a possible solution through linear programming is introduced, together with the code to solve it in R and its numerical solution.

Assessment, Recording and Reporting Inspectorate of Schools (England and Wales) 1992

Pattern Recognition and Machine Learning Christopher M. Bishop 2016-08-23 This is the first textbook on pattern recognition to present the Bayesian viewpoint. The book presents approximate inference algorithms that permit fast approximate answers in situations where exact answers are not feasible. It uses graphical models to describe probability distributions when no other books apply graphical models to machine

learning. No previous knowledge of pattern recognition or machine learning concepts is assumed. Familiarity with multivariate calculus and basic linear algebra is required, and some experience in the use of probabilities would be helpful though not essential as the book includes a self-contained introduction to basic probability theory.

Using the Results of a National Assessment of Educational Achievement Thomas Kellaghan 2009 What are students learning? Throughout the world, governments striving to improve educational quality are turning to national assessments to provide this much-needed information in key curriculum areas. The capacity for carrying out national assessments has grown remarkably in recent years, but it has not been matched by widespread use of their findings. This book seeks to maximize an appreciation for the value of such data and to assist countries in exploiting the knowledge that national assessments yield. Using the Results of a National Assessment of Educational Achievement identifies the main factors affecting the use of national assessment findings. These include the political context in which an assessment is carried out, the nature of the assessment (census based or sample based), the

assignment of accountability for the results, and the quality of assessment instruments. The book describes the type of information that the main report of a national assessment should contain, as well as other means of communicating findings to technical and nontechnical audiences. It outlines general considerations in translating national assessment results into policy and action, and examines specific procedures for using the data in policy making, educational management, teaching, and promoting public awareness. The topics addressed in this volume should be of interest to policy makers, educators, researchers, and development practitioners. Introduction to the Economics and Mathematics of Financial Markets Jaksa Cvitanic 2004-02-27 An innovative textbook for use in advanced undergraduate and graduate courses; accessible to students in financial mathematics, financial engineering and economics. Introduction to the Economics and Mathematics of Financial Markets fills the longstanding need for an accessible yet serious textbook treatment of financial economics. The book provides a rigorous overview of the subject, while its flexible presentation makes it suitable for use with different levels of undergraduate and graduate students. Each chapter

presents mathematical models of financial problems at three different degrees of sophistication: single-period, multi-period, and continuous-time. The single-period and multi-period models require only basic calculus and an introductory probability/statistics course, while an advanced undergraduate course in probability is helpful in understanding the continuous-time models. In this way, the material is given complete coverage at different levels; the less advanced student can stop before the more sophisticated mathematics and still be able to grasp the general principles of financial economics. The book is divided into three parts. The first part provides an introduction to basic securities and financial market organization, the concept of interest rates, the main mathematical models, and quantitative ways to measure risks and rewards. The second part treats option pricing and hedging; here and throughout the book, the authors emphasize the Martingale or probabilistic approach. Finally, the third part examines equilibrium models—a subject often neglected by other texts in financial mathematics, but included here because of the qualitative insight it offers into the behavior of market participants and pricing. Machine Learning Kevin P. Murphy 2012-08-24 A comprehensive introduction to machine learning that uses probabilistic models and inference as a unifying approach. Today's Web-enabled deluge of electronic data calls for automated methods of data analysis. Machine learning provides these, developing methods that can automatically detect patterns in data and then use the uncovered patterns to predict future data. This textbook offers a comprehensive and self-contained introduction to the field of machine learning, based on a unified, probabilistic approach. The coverage combines breadth and depth, offering necessary background material on such topics as probability, optimization, and linear algebra as well as discussion of recent developments in the field, including conditional random fields, L1 regularization, and deep learning. The book is written in an informal, accessible style, complete with pseudo-code for the most important algorithms. All topics are copiously illustrated with color images and worked examples drawn from such application domains as biology, text processing, computer vision, and robotics. Rather than providing a cookbook of different heuristic methods, the book stresses a principled model-based approach, often using the language of graphical models to specify models

in a concise and intuitive way. Almost all the models described have been implemented in a MATLAB software package—PMTK (probabilistic modeling toolkit)—that is freely available online. The book is suitable for upper-level undergraduates with an introductory-level college math background and beginning graduate students.

Economic and Management Sciences, Grade 8 Marietjie Barnard 2013-07-11 Study & master economic and management sciences grade 8 has been especially developed by an experienced author team for the Curriculum and Assessment Policy Statement (CAPS). This new and easy-to-use course helps learners to master essential content and skills in economic and management sciences.

Taxonomy of Educational Objectives 1984

Mathematics for Computer Science Eric Lehman 2017-03-08 This book covers elementary discrete mathematics for computer science and engineering. It emphasizes mathematical definitions and proofs as well as applicable methods. Topics include formal logic notation, proof methods; induction, well-ordering; sets, relations; elementary graph theory; integer congruences; asymptotic notation and growth of functions; permutations and combinations, counting principles;

discrete probability. Further selected topics may also be covered, such as recursive definition and structural induction; state machines and invariants; recurrences; generating functions.

R in Action Robert I. Kabacoff 2015-05-20 Summary R in Action, Second Edition presents both the R language and the examples that make it so useful for business developers. Focusing on practical solutions, the book offers a crash course in statistics and covers elegant methods for dealing with messy and incomplete data that are difficult to analyze using traditional methods. You'll also master R's extensive graphical capabilities for exploring and presenting data visually. And this expanded second edition includes new chapters on time series analysis, cluster analysis, and classification methodologies, including decision trees, random forests, and support vector machines. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Business pros and researchers thrive on data, and R speaks the language of data analysis. R is a powerful programming language for statistical computing. Unlike general-purpose tools, R provides thousands of modules for solving

just about any data-crunching or presentation challenge you're likely to face. R runs on all important platforms and is used by thousands of major corporations and institutions worldwide. About the Book R in Action, Second Edition teaches you how to use the R language by presenting examples relevant to scientific, technical, and business developers. Focusing on practical solutions, the book offers a crash course in statistics, including elegant methods for dealing with messy and incomplete data. You'll also master R's extensive graphical capabilities for exploring and presenting data visually. And this expanded second edition includes new chapters on forecasting, data mining, and dynamic report writing. What's Inside Complete R language tutorial Using R to manage, analyze, and visualize data Techniques for debugging programs and creating packages OOP in R Over 160 graphs About the Author Dr. Rob Kabacoff is a seasoned researcher and teacher who specializes in data analysis. He also maintains the popular Quick-R website at statmethods.net. Table of Contents PART 1 GETTING STARTED Introduction to R Creating a dataset Getting started with graphs Basic data management Advanced data management PART 2 BASIC METHODS Basic graphs Basic statistics PART 3 INTERMEDIATE METHODS Regression Analysis of variance Power analysis Intermediate graphs Resampling statistics and bootstrapping PART 4 ADVANCED METHODS Generalized linear models Principal components and factor analysis Time series Cluster analysis Classification Advanced methods for missing data PART 5 EXPANDING YOUR SKILLS Advanced graphics with ggplot2 Advanced programming Creating a package Creating dynamic reports Advanced graphics with the lattice package available online only from manning.com/kabacoff2 Financial Theory and Corporate Policy Thomas E. Copeland 2013-07-17 This classic textbook in the field, now completely revised and updated, provides a bridge between theory and practice. Appropriate for the second course in Finance for MBA students and the first course in Finance for doctoral students, the text prepares students for the complex world of modern financial scholarship and practice. It presents a unified treatment of finance combining theory, empirical evidence and applications. Handbook of Test Development Suzanne Lane 2015-10-08 The second edition of the Handbook of Test Development provides

graduate students and professionals with an up-to-date, research-oriented guide to the latest developments in the field. Including thirty-two chapters by well-known scholars and practitioners, it is divided into five sections, covering the foundations of test development, content definition, item development, test design and form assembly, and the processes of test administration, documentation, and evaluation. Keenly aware of developments in the field since the publication of the first edition, including changes in technology, the evolution of psychometric theory, and the increased demands for effective tests via educational policy, the editors of this edition include new chapters on assessing noncognitive skills, measuring growth and learning progressions, automated item generation and test assembly, and computerized scoring of constructed responses. The volume also includes expanded coverage of performance testing, validity, fairness, and numerous other topics. Edited by Suzanne Lane, Mark R. Raymond, and Thomas M. Haladyna, The Handbook of Test Development, 2nd edition, is based on the revised Standards for Educational and Psychological Testing, and is appropriate for graduate courses and seminars that deal with test development and usage, professional testing services and credentialing agencies, state and local boards of education, and academic libraries serving these groups.

Study and Master Economic and Business Management Grade 7 for CAPS Learner's Book Marietjie Barnard 2013-07-11

Why Forests? Why Now? Frances Seymour 2016-12-27 Tropical forests are an undervalued asset in meeting the greatest global challenges of our time—averting climate change and promoting development. Despite their importance, tropical forests and their ecosystems are being destroyed at a high and even increasing rate in most forest-rich countries. The good news is that the science, economics, and politics are aligned to support a major international effort over the next five years to reverse tropical deforestation. Why Forests? Why Now? synthesizes the latest evidence on the importance of tropical forests in a way that is accessible to anyone interested in climate change and development and to readers already familiar with the problem of deforestation. It makes the case to decisionmakers in rich countries that rewarding developing countries for protecting their forests is urgent, affordable, and achievable.

Essentials of Educational Measurement Robert L. Ebel 1972

Visual Literacy for Libraries
Nicole E. Brown 2016-04-22 This book will give you an understanding of how images fit into your critical practice and how you can advance student learning with your own visual literacy. The importance of images and visual media in today's culture is changing what it means to be literate in the 21st century. Digital technologies have made it possible for almost anyone to create and share visual media. Yet the pervasiveness of images and visual media does not necessarily mean that individuals are able to critically view, use, and produce visual content. This book provides you with the tools, strategies, and confidence to apply visual literacy in a library context. You will learn ways to develop students' visual literacy and how to use visual materials to make your own teaching more engaging. Ideal for the busy librarian who needs ideas, activities, and teaching strategies that are ready to implement, this book shows how to challenge students to delve into finding images, using images in the research process, interpreting and analysing images, creating visual communications, and using visual content ethically provides ready-to-use learning activities for engaging critically with visual materials offers tools and techniques for increasing one's own visual literacy confidence gives strategies for integrating, engaging with and advocating for visual literacy in libraries. With this book's guidance, you can help students master visual literacy, a key competency in today's media-saturated world, while also enlivening your teaching with visual materials. Visual Literacy for Libraries will be essential reading for librarians, information professionals and managers in all sectors, students of library and information science, school and higher education teachers and researchers.

Learning for Success : Skills and Strategies for Canadian Students Joan Fleet 1990 This book presents a comprehensive, systematic approach to the development of learning strategies.

R Markdown Yihui Xie 2018-07-27 R Markdown: The Definitive Guide is the first official book authored by the core R Markdown developers that provides a comprehensive and accurate reference to the R Markdown ecosystem. With R Markdown, you can easily create reproducible data analysis reports, presentations, dashboards, interactive applications, books, dissertations, websites, and journal articles, while enjoying the simplicity of Markdown and the great power of R and other languages in this

book, you will learn Basics: Syntax of Markdown and R code chunks, how to generate figures and tables, and how to use other computing languages Built-in output formats of R Markdown: PDF/HTML/Word/RTF/Markdown documents and ioslides/Slidy/Beamer/PowerPoint presentations Extensions and applications: Dashboards, Tufte handouts, xaringan/reveal.js presentations, websites, books, journal articles, and interactive tutorials Advanced topics: Parameterized reports, HTML widgets, document templates, custom output formats, and Shiny documents. Yihui Xie is a software engineer at RStudio. He has authored and co-authored several R packages, including knitr, rmarkdown, bookdown, blogdown, shiny, xaringan, and animation. He has published three other books, Dynamic Documents with R and knitr, bookdown: Authoring Books and Technical Documents with R Markdown, and blogdown: Creating Websites with R Markdown. J.J. Allaire is the founder of RStudio and the creator of the RStudio IDE. He is an author of several packages in the R Markdown ecosystem including rmarkdown, flexdashboard, learnr, and radix. Garrett Grolemund is the co-author of R for Data Science and author of Hands-On Programming with R. He wrote the lubridate R package and works for RStudio as an advocate who trains engineers to do data science with R and the Tidyverse.

Computer Vision Richard Szeliski 2010-09-30 Computer Vision: Algorithms and Applications explores the variety of techniques commonly used to analyze and interpret images. It also describes challenging real-world applications where vision is being successfully used, both for specialized applications such as medical imaging, and for fun, consumer-level tasks such as image editing and stitching, which students can apply to their own personal photos and videos. More than just a source of "recipes," this exceptionally authoritative and comprehensive textbook/reference also takes a scientific approach to basic vision problems, formulating physical models of the imaging process before inverting them to produce descriptions of a scene. These problems are also analyzed using statistical models and solved using rigorous engineering techniques. Topics and features: structured to support active curricula and project-oriented courses, with tips in the Introduction for using the book in a variety of customized courses; presents exercises at the end of each chapter with a heavy

emphasis on testing algorithms and containing numerous suggestions for small mid-term projects; provides additional material and more detailed mathematical topics in the Appendices, which cover linear algebra, numerical techniques, and Bayesian estimation theory; suggests additional reading at the end of each chapter, including the latest research in each sub-field, in addition to a full Bibliography at the end of the book; supplies supplementary course material for students at the associated website, http://szeliski.org/Book/. Suitable for an upper-level undergraduate or graduate-level course in computer science or engineering, this textbook focuses on basic techniques that work under real-world conditions and encourages students to push their creative boundaries. Its design and exposition also make it eminently suitable as a unique reference to the fundamental techniques and current research literature in computer vision.

Physical Sciences, Grade 12 Karin H. Kelder 2013-07-03 Study & Master Physical Sciences Grade 12 has been especially developed by an experienced author team for the Curriculum and Assessment Policy Statement (CAPS). This new and easy-to-use course helps learners to master essential content and skills in Physical Sciences.

Hands-On Programming with R Garrett Grolemund 2014 "Write Your Own Functions and Simulations."--Cover.

Rewriting and Typed Lambda Calculi Gilles Dowek 2014-07-01 This book constitutes the refereed proceedings of the Joint 25th International Conference on Rewriting Techniques and Applications, RTA 2014, and 12th International Conference on Typed Lambda-Calculi and Applications, TLCA 2014, held as part of the Vienna Summer of Logic, VSL 2014, in Vienna, Austria, in July 2014. The 28 revised full papers and 3 short papers presented were carefully reviewed and selected from 87 submissions. The papers provide research results on all aspects of rewriting and typed lambda calculi, ranging from theoretical and methodological issues to applications in various contexts. They address a wide variety of topics such as algorithmic aspects, implementation, logic, types, semantics, and programming.

Linear Models with R Julian J. Faraway 2016-04-19 A Hands-On Way to Learning Data AnalysisPart of the core of statistics, linear models are used to make predictions and explain the relationship between the response and the predictors. Understanding

linear models is crucial to a broader competence in the practice of statistics. Linear Models with R, Second Edition explains how to use linear models

Study and Master Accounting Grade 12 CAPS Learner's Book E. Conradie 2013-07-05

Project Management in Practice Samuel J. Mantel 2011 Project Management in Practice, 4th Edition focuses on the technical aspects of project management that are directly related to practice.

Introduction to Applied Linear Algebra Stephen Boyd 2018-06-07 A groundbreaking introduction to vectors, matrices, and least squares for engineering applications, offering a wealth of practical examples.

The Nature of Necessity Alvin Plantinga 1978-02-01 This is a reissue of a book which is an exploration and defence of the notion of modality 'de re', the idea that objects have both essential and accidental properties. It is one of the first full-length studies of the modalities to emerge from the debate to which Saul Kripke, David Lewis, Ruth Marcus and others have contributed. The argument is developed by means of the notion of possible worlds, and ranges over key problems including the nature of essence, trans-world identity, negative existential propositions, and the existence of

unactual objects in other possible worlds. In the final chapters Professor Plantinga applies his logical theories to the clarification of two problems in the philosophy of religion - the Problem of Evil and the Ontological Argument.

Social Media Mining with R Nathan Danneman 2014-03-25 A concise, hands-on guide with many practical examples and a detailed treatise on inference and social science research that will help you in mining data in the real world. Whether you are an undergraduate who wishes to get hands-on experience working with social data from the Web, a practitioner wishing to expand your competencies and learn unsupervised sentiment analysis, or you are simply interested in social data analysis, this book will prove to be an essential asset. No previous experience with R or statistics is required, though having knowledge of both will enrich your experience.

Introduction to Electrodynamics David J. Griffiths 2017-06-29 This well-known undergraduate electrodynamics textbook is now available in a more affordable printing from Cambridge University Press. The Fourth Edition provides a rigorous, yet clear and accessible treatment of the fundamentals of electromagnetic theory and offers a sound

platform for explorations of related applications (AC circuits, antennas, transmission lines, plasmas, optics and more). Written keeping in mind the conceptual hurdles typically faced by undergraduate students, this textbook illustrates the theoretical steps with well-chosen examples and careful illustrations. It balances text and equations, allowing the physics to shine through without compromising the rigour of the math, and includes numerous problems, varying from straightforward to elaborate, so that students can be assigned some problems to build their confidence and others to stretch their minds. A Solutions Manual is available to instructors teaching from the book; access can be requested from the resources section at www.cambridge.org/electrodynamics.

Burns and Grove's The Practice of Nursing Research - E-Book Jennifer R. Gray 2020-07-21 Winner of the 1st-place American Journal of Nursing Book of the Year award in nursing research/evidence-based practice for 2021! Burns & Grove's The Practice of Nursing Research: Appraisal, Synthesis, and Generation of Evidence, 9th Edition is the trusted resource for those wanting to master the research methods that are foundational to evidence-based practice. This highly respected textbook covers how to appraise and apply existing research evidence, as well as how to participate in research and quality improvement projects. This new 9th edition has been extensively updated to reflect today's focus on online research in the digital era and includes clear, step-by-step guidelines for all major quantitative and qualitative research approaches — including supporting examples from the latest high-quality literature. There's also new content on translational research, coverage of the most current research tools and techniques, and an increased use of illustrations, tables, and other visuals to help engage visually oriented readers of all levels. Coverage of quantitative, qualitative, and other research methodologies provides a solid foundation to conduct, appraise, and apply research evidence to the realities of today's clinical practice. Balanced coverage of qualitative and quantitative methods addresses the qualitative research methodologies that are often the starting point of research projects, particularly in magnet hospitals and DNP programs. Clear, comprehensive coverage is organized into five units that include: an introduction to nursing research; coverage of the research

process; application for evidence-based health care; how to analyze data, determine outcomes, and disseminate research; and how to propose and seek funding for research. Strong emphasis on evidence-based practice addresses this key graduate-level QSEN competency and reinforces how to generate research evidence and appraise and synthesize existing research for application to clinical practice. Rich examples from nursing literature bring research principles to life. Emphasis on the most currently used research methodologies focuses on the methods used in both quantitative research and qualitative research, as well as outcomes research and mixed-methods research. Coverage of digital data collection examines the use of online research tools. Quick-reference summaries include a table of research methods inside the front cover and a list of types of research syntheses (with definitions) inside the back cover. Helpful user resources are included with each new text purchase on the companion Evolve website and feature 400 interactive review questions along with a library of 10 full-text research articles. The Cambridge Handbook of Compliance Benjamin van Rooij 2021-05-20 Compliance has become key to our contemporary markets, societies, and modes of governance across a variety of public and private domains. While this has stimulated a rich body of empirical and practical expertise on compliance, thus far, there has been no comprehensive understanding of what compliance is or how it influences various fields and sectors. The academic knowledge of compliance has remained siloed along different disciplinary domains, regulatory and legal spheres, and mechanisms and interventions. This handbook bridges these divides to provide the first one-stop overview of what compliance is, how we can best study it, and the core mechanisms that shape it. Written by leading experts, chapters offer perspectives from across law, regulatory studies, management science, criminology, economics, sociology, and psychology. This volume is the definitive and comprehensive account of compliance.

Nonparametric Statistics Gregory W. Corder 2014-04-14 "...a very useful resource for courses innonparametric statistics in which the emphasis is on applicationsrather than on theory. It also deserves a place in librariesof all institutions where introductory statistics courses aretaught." –CHOICE This Second Edition presents a practical andunderstandable approach that

enhances and expands the statisticaltoolset for readers. This book includes: New coverage of the sign test and the Kolmogorov-Smirnovtwo-sample test in an effort to offer a logical and naturalprogression to statistical power SPSS® (Version 21) software and updated screen captures todemonstrate how to perform and recognize the steps in the variousprocedures Data sets and odd-numbered solutions provided in an appendix,and tables of critical values Supplementary material to aid in reader comprehension, whichincludes: narrated videos and screen animations with step-by-stepinstructions on how to follow the tests using SPSS; online decisiontrees to help users determine the needed type of statistical test;and additional solutions not found within the book.

Text Mining with R Julia Silge 2017-06-12 Chapter 7. Case Study : Comparing Twitter Archives; Getting the Data and Distribution of Tweets; Word Frequencies; Comparing Word Usage; Changes in Word Use; Favorites and Retweets; Summary; Chapter 8. Case Study : Mining NASA Metadata; How Data Is Organized at NASA; Wrangling and Tidying the Data; Some Initial Simple Exploration; Word Co-ocurrences and Correlations; Networks of Description and Title Words; Networks of Keywords; Calculating tf-idf for the Description Fields; What Is tf-idf for the Description Field Words?; Connecting Description Fields to Keywords; Topic Modeling.