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Basic Business Statistics: Concepts and Applications - Mark Berenson 2012-08-24
Student-friendly stats! Berenson's fresh, conversational writing style and streamlined design helps students with their comprehension of the concepts and creates a thoroughly readable learning experience. Basic Business Statistics emphasises the use of statistics to analyse and interpret data and assumes that computer software is an integral part of this analysis. Berenson's 'real world' business focus takes students beyond the pure theory by relating statistical concepts to functional areas of business with real people working in real business environments, using statistics to tackle real business challenges.
Connectionist Models of Memory and Language (PLE: Memory) - Joseph P. Levy 2014-05-09
Connectionist modelling and neural network applications had become a major sub-field of cognitive science by the mid-1990s. In this ground-breaking book, originally published in 1995, leading connectionists shed light on current approaches to memory and language modelling at the time. The book is divided into four sections: Memory; Reading; Computation and statistics; Speech and audition. Each section is introduced and set in context by the editors, allowing a wide range of language and memory issues to be addressed in one volume. This authoritative advanced level book will still be of interest for all engaged in connectionist research and the related areas of cognitive science concerned with language and memory.
Security and Privacy in Communication Networks - Muttukrishnan Rajarajan 2012-09-22
This volume presents the refereed proceedings of the 7th International ICST Conference on Security and Privacy in Communication Networks, SecureComm 2011, held in London, UK, in September 2011. The 35 revised papers included in the volume were carefully reviewed and selected from numerous submissions. Topics covered include network intrusion detection; anonymity and privacy; wireless security; system security; DNS and routing security; and key management.
County and City Extra 2013 - Deirdre A. Gaquin 2013-12-17
When you want only one source of information about your city or county, turn to County and City Extra This trusted reference compiles information from many sources to provide all the key demographic and economic data for every state, county, metropolitan area, congressional district, and for all cities in the United States with a 2000 population of 25,000 or more. In one volume you can conveniently find data from 1990 to 2012 in easy-to-read tables. No other resource compiles this amount of detailed information into one place. Subjects covered in County and City Extra include: • population by age and race • government finances • income and poverty • manufacturing, trade, and services • crime • housing • education • immigration and migration • labor force and employment • agriculture, land, and water • residential construction • health resources • voting and elections The main body of this volume contains five basic parts and covers the following areas: Part A-states Part B-counties Part C-metropolitan areas Part D-cities with a 2010 census population of 25,000 or more Part E-congressional districts In addition, this publication includes: •figures and text in each section that highlight pertinent data and provide analysis •ranking tables which present each geography type by various subjects including population, land area, population density, educational attainment, housing values, race, unemployment, and crime •multiple color maps of the United States on various topics including median household income, poverty, voting, and race Furthermore, this volume contains several appendixes which include: • notes and explanations for further

reference • definitions of geographic concepts • a listing of metropolitan and micropolitan areas and their component counties as of December 2009, with 2010 census populations • a list of cities by county •maps showing congressional districts, counties, and selected places within each state New in the 21st edition: In February 2013, the Office of Management and Budget released a completely new list of Core Based Statistical Areas (metropolitan and micropolitan areas) based on the 2010 census and some changes in the way these areas are defined. These newly delineated areas are presented in a new Appendix C, together with their component counties and their 2010 census and 2012 estimated populations. Table E (Congressional Districts) includes a wide selection of American Community Survey data for the newly established congressional districts of the 113th Congress, along with the 113th Congressional representatives. Some interesting facts found in the 2013 edition of County and City Extra include: Vermont had the fewest births between 2010 and 2012. West Virginia was the only state to have more deaths than births, but a net migration of more than 5,665 people prevented the state from having a population loss In ten states, more than 70 percent of the residents were born in that state. Louisiana ranked highest with 78.0 percent. There were 41 counties with a population of 1,000,000 or more in 2012. At the other extreme, there were 35 counties with fewer than 1,000 people. Over 1,200 counties had unemployment rates above the national average of 8.1 percent in 2012. In 2012, 83.9 percent of Americans lived in metropolitan areas, but these areas only made up 26 percent of the nation's land area. Among all cities of 25,000 or more, 262 had unemployment rates of 10 percent or more significantly lower than two years earlier when 555 had unemployment rates of 10 percent or more. Rhode island's 1st district of the smallest congressional district with a population of slightly more than 524,000. In California 33rd district, 95.9 percent of residents were high school graduates, compared with just 50.9 percent in California's 21st district.
County and City Extra 2011 - Bernan Press 2010-08-16
When you want only one source of information about your city or county, turn to County and City Extra This trusted reference compiles information from many sources to provide all the key demographic and economic data for every state, county, metropolitan area, congressional district, and for all cities in the United States with a 2000 population of 25,000 or more. In one volume you can conveniently find data from 1980 to 2009 in easy-to-read tables. No other resource compiles this amount of detailed information into one place. Subjects covered in County and City Extra include: _ population by age and race _ government finances _ income and poverty _ manufacturing, trade, and services _ crime _ housing _ education _ immigration and migration _ labor force and employment _ agriculture, land, and water _ residential construction _ health resources _ voting and elections
Medical Uses of Statistics, Second Edition - Bailar/Mostelle 1992-03-01
Explains the purpose of statistical methods in medical studies & analyzes the statistical techniques used by clinical investigators, with special emphasis on studies published in The New England Journal of Medicine. Clarifies fundamental concepts of statistical design & analysis & facilitates the understanding of research results.
Statistics for Managers Using Microsoft Excel - David M. Levine 1999
For a one- or two-term course in Business Statistics at the undergraduate or graduate level. This

comprehensive 19-chapter business statistics text provides sufficient breadth of coverage and an applied approach which focuses on concepts and applications of statistics to the functional areas of business accounting, marketing, management, and economics and finance. Thoroughly revised to shift its emphasis more on concepts than statistical methods, it shows students how to properly use statistics to analyze data, demonstrates how computer software is an integral part of this analysis, and provides myriad cases and projects support the learning process.

String Processing and Information Retrieval - Edleno Moura 2014-10-10
This book constitutes the proceedings of the 21st International Symposium on String Processing and Information Retrieval, SPIRE 2014, held in Ouro Preto, Brazil, in October 2014. The 20 full and 6 short papers included in this volume were carefully reviewed and selected from 45 submissions. The papers focus not only on fundamental algorithms in string processing and information retrieval, but address also application areas such as computational biology, Web mining and recommender systems. They are organized in topical sections on compression, indexing, genome and related topics, sequences and strings, search, as well as on mining and recommending.

Statistics in Psychological Research - William Samuel Ray 1962

Social Security Bulletin - 2008

Handbook of Data Compression - David Salomon 2010-01-18
Data compression is one of the most important fields and tools in modern computing. From archiving data, to CD-ROMs, and from coding theory to image analysis, many facets of modern computing rely upon data compression. This book provides a comprehensive reference for the many different types and methods of compression. Included are a detailed and helpful taxonomy, analysis of most common methods, and discussions on the use and comparative benefits of methods and description of "how to" use them. Detailed descriptions and explanations of the most well-known and frequently used compression methods are covered in a self-contained fashion, with an accessible style and technical level for specialists and non-specialists.

An Introduction to Statistical Concepts - Richard G Lomax 2020-02-03
The new edition of An Introduction to Statistical Concepts is designed to help students really understand statistical concepts, the situations in which they can be used, and how to apply them to data. Hahs-Vaughn and Lomax discuss the most popular, along with many of the lesser-known, procedures and models, whilst also exploring nonparametric procedures used when standard assumptions are violated. They provide in-depth coverage of testing assumptions and highlight several online tools for computing statistics (e.g., effect sizes and their confidence intervals and power). This comprehensive, flexible, and accessible text includes a new chapter on mediation and moderation; expanded coverage of effect sizes; and discussions of sensitivity, specificity, false positive, and false negative, along with using the receiver operator characteristic (ROC) curve. This book, noted for its crystal-clear explanations, and its inclusion of only the most crucial equations, is an invaluable resource for students undertaking a course in statistics in any number of social science and behavioral disciplines—from education, business, communication, exercise science, psychology, sociology and more.

JPEG - William B. Pennebaker 1992-12-31
Created by the Joint Photographic Experts Group (JPEG), the JPEG standard is the first color still image data compression international standard. This new guide to JPEG and its technologies offers detailed information on the new JPEG signaling conventions and the structure of JPEG compressed data.

Data Mining - Sushmita Mitra 2005-01-21
First title to ever present soft computing approaches and their application in data mining, along with the traditional hard-computing approaches Addresses the principles of multimedia data compression techniques (for image, video, text) and their role in data mining Discusses principles and classical algorithms on string matching and their role in data mining

A Guide to Data Compression Methods - David Salomon 2013-03-20
A concise guide of essential data compression methods and algorithms for text, audio and imaging data.

Basic Business Statistics - Mark L. Berenson 1989

Statistics for Behavioral Sciences - Fred Fallik 1983

County and City Extra 2012 - Deirdre A. Gaquin 2012-08
Find out how your county or city measures up with others across the United States! Updated annually to guarantee convenient access to current statistical information, County and City Extra is a single-volume source of data for every U.S. state, county, metropolitan area, Congressional district, and all cities with populations above 25,000.

Frontiers In Entropy Across The Disciplines - Panorama Of Entropy: Theory, Computation, And Applications - M Zuhair Nashed 2022-08-30
Frontiers in Entropy Across the Disciplines presents a panorama of entropy emphasizing mathematical theory, physical and scientific significance, computational methods, and applications in mathematics, physics, statistics, engineering, biomedical signals, and signal processing.In the last century classical concepts of entropy were introduced in the areas of thermodynamics, information theory, probability theory, statistics, dynamical systems, and ergodic theory. During the past 50 years, dozens of new concepts of entropy have been introduced and studied in many disciplines. This volume captures significant developments in this arena. It features expository, review, and research papers by distinguished mathematicians and scientists from many disciplines. The level of mathematics ranges from intermediate level to research level. Each chapter contains a comprehensive list of references. Topics include entropy and society, entropy and time, Souriau entropy on symplectic model of statistical physics, new definitions of entropy, geometric theory of heat and information, maximum entropy in Bayesian networks, maximum entropy methods, entropy analysis of biomedical signals (review and comparison of methods), spectral entropy and its application to video coding and speech coding, a comprehensive review of 50 years of entropy in dynamics, a comprehensive review on entropy, entropy-like quantities and applications, topological entropy of multimodal maps, entropy production in complex systems, entropy production and convergence to equilibrium, reversibility and irreversibility in entropy, nonequilibrium entropy, index of various entropy, entropy and the greatest blunder ever.

Coding for Data and Computer Communications - David Salomon 2006-02-28
Details the most important techniques used to make the storage and transmission of data fast, secure, and reliable. Accessible to both specialists and nonspecialists: Avoids complex mathematics

Mixed Raster Content - George Pavlidis 2016-11-01
This book presents the main concepts in handling digital images of mixed content, traditionally referenced as mixed raster content (MRC), in two main parts. The first includes introductory chapters covering the scientific and technical background aspects, whereas the second presents a set of research and development approaches to tackle key issues in MRC segmentation, compression and transmission. The book starts with a review of color theory and the mechanism of color vision in humans. In turn, the second chapter reviews data coding and compression methods so as to set the background and demonstrate the complexity involved in dealing with MRC. Chapter three addresses the segmentation of images through an extensive literature review, which highlights the various approaches used to tackle MRC segmentation. The second part of the book focuses on the segmentation of color images for optimized compression, including multi-layered decomposition and representation of MRC and the processes that can be employed to optimize the coding rates of those different layers. Rounding out the coverage, the final chapter examines the segmentation of color images for optimized transmission.

Behavioral Sciences STAT - Gary Heiman 2014-01-01
4LTR Press solutions give students the option to choose the format that best suits their learning preferences. This option is perfect for those students who focus on the textbook as their main course resource. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Multiple Regression with Discrete Dependent Variables - John G. Orme 2009-03-25
Most social work researchers are familiar with linear regression techniques, which are fairly

straightforward to conduct, interpret, and present. However, linear regression is not appropriate for discrete dependent variables, and social work research frequently employs these variables, focusing on outcomes such as placement in foster care or not; level of severity of elder abuse or depression symptoms; or number of reoffenses by juvenile delinquents in the year following adjudication. This book presents detailed discussions of regression models that are appropriate for a variety of discrete dependent variables. The major challenges of such analyses lie in the non-linear relationships between independent and dependent variables, and particularly in interpreting and presenting findings. Clear language guides the reader briefly through each step of the analysis, using SPSS and result presentation to enhance understanding of the important link function. The book begins with a brief review of linear regression; next, the authors cover basic binary logistic regression, which provides a foundation for the other techniques. In particular, comprehension of the link function is vital in order to later interpret these methods' results. Though the book assumes a basic understanding of linear regression, reviews and definitions throughout provide useful reminders of important terms and their meaning, and throughout the book the authors provide detailed examples based on their own data, which readers may work through by accessing the data and output on companion website. Social work and other social sciences faculty, students, and researchers who already have a basic understanding of linear regression but are not as familiar with the regression analysis of discrete dependent variables will find this straightforward pocket guide to be a terrific boon to their bookshelves. For additional resources, visit http://www.oup.com/us/pocketguides.

Ebook: Research Design and Methods: A Process Approach - Kenneth Bordens 2014-10-16
Research Design and Methods: A Process Approach takes students through the research process, from getting and developing a research idea, to designing and conducting a study, through analyzing and reporting data. Information on the research process is presented in a lively and engaging way, highlighting the numerous decisions, both big and small, that must be made when designing and conducting successful research.

The SAGE Dictionary of Statistics - Duncan Cramer 2004-06-09
The SAGE Dictionary of Statistics provides students and researchers with an accessible and definitive resource to use when studying statistics in the social sciences, reading research reports and undertaking data analysis.

Canadian Essentials of Nursing Research - Joanne Profetto-McGrath 2010-01-01
"Completely revised With timely content and state-of-the-art research undertaken by Canadian nurse researchers, the Third Edition of this trusted resource provides the guidance you need to effectively critique every aspect of nursing research and apply the results to clinical practice. Canadian Essentials of Nursing Research uses clear, straightforward language and a "user-friendly" presentation to help you understand, retain, and apply fundamental concepts with ease." --Book Jacket.

Fundamentals of Statistics - Truman Lee Kelley 1947
This book provides a broad general survey of the principles of scientific method, and a substantial basic knowledge of statistics particularly in its application to scientific research and with special relevance to the fields of the social and biological sciences. The introductory chapters aim to place statistical procedures in the reader's general philosophy and experience, and to show him their logical importance and practical utility. Mr. Kelley then develops a detailed presentation of essential statistics. Finally, he makes a serious but admittedly initial attempt to release the niceties of middle and advanced mathematics to the peculiar problems that may be found in a given issue and with given data. His book will be of particular value in the teaching of elementary statistics in that it provides a broad scientific and logical approach. Yet, while its earlier chapters constitute a complete first semester course and the later chapters a reference handbook for one going no further, these later chapters also provide the basic topics, procedures and formulas for incorporation into second and third semester courses in applied statistics.

County and City Extra 2011 - Deirdre A. Gaquin 2010-08-16
Find out how your county or city measures up with others across the United States! Updated annually to guarantee convenient access to current statistical information, County and City Extra is a single-volume source of data for every U.S. state, county, metropolitan area, Congressional district, and all cities with populations above 25,000.

County and City Extra - Deirdre A Gaquin 2022-09-30
This publication is an essential single-volume source for Census 2020 information. This easy-to-read edition provides the most up-to-date census data for each state, county, metropolitan area, congressional district, and all cities with a population of 25,000 or more. It complements the popular and trusted annual edition of County and City Extra.

Nursing Research - Denise F. Polit 2008
Thoroughly updated and revised to emphasize the link between research and evidence-based practice, this Eighth Edition of a classic textbook presents state-of-the-art methods for conducting high-quality studies. New chapters offer guidance on developing self-report scales, conducting systematic reviews, and enhancing the integrity of qualitative studies. The ancillary Resource Manual includes application exercises, models of comprehensive research critiques, a full NINR grant application, and a "must-have" Toolkit on a CD-ROM, containing a treasure-trove of exemplary research tools (e.g., consent forms, a demographic questionnaire, statistical table templates)--all in easily-adapted Word documents to meet individual research needs. A watershed edition! Student Resource Manual with Toolkit, ISBN: 978-0-7817-7052-1.

Statistical Inference Through Data Compression - Rudi Langston Cilibrasi Universiteit van Amsterdam 2007

Data Compression - David Salomon 2006-05-09
A comprehensive reference for the many different types and methods of compression, including a detailed and helpful taxonomy, an analysis of the most common methods, and discussions on their use and comparative benefits. The presentation is organized into the main branches of the field: run length encoding, statistical methods, dictionary-based methods, image compression, audio compression, and video compression. Detailed descriptions and explanations of the most well- known and frequently used methods are covered in a self-contained fashion, with an accessible style and technical level for specialists and nonspecialists. In short, the book provides an invaluable reference and guide for all computer scientists, computer engineers, electrical engineers, signal/image processing engineers and other scientists needing a comprehensive compilation for a broad range of compression methods.

State and Metropolitan Area Data Book - 1991
1979-2010: Contains data similar to that found in the County and City Databook, but on the state and MSA (Metropolitan Statistical Areas) levels.

Fundamental Data Compression - Ida Mengyi Pu 2005-11-03
Fundamental Data Compression provides all the information students need to be able to use this essential technology in their future careers. A huge, active research field, and a part of many people's everyday lives, compression technology is an essential part of today's Computer Science and Electronic Engineering courses. With the help of this book, students can gain a thorough understanding of the underlying theory and algorithms, as well as specific techniques used in a range of scenarios, including the application of compression techniques to text, still images, video and audio. Practical exercises, projects and exam questions reinforce learning, along with suggestions for further reading. * Dedicated data compression textbook for use on undergraduate courses * Provides essential knowledge for today's web/multimedia applications * Accessible, well structured text backed up by extensive exercises and sample exam questions

Statistics for Business and Economics - Mark L. Berenson 1993

Reference Data for Engineers - Mac E. Van Valkenburg 2001-10-19
Reference Data for Engineers is the most respected, reliable, and indispensable reference tool for technical professionals around the globe. Written by professionals for professionals, this book is a complete reference for engineers, covering a broad range of topics. It is the combined effort of 96 engineers, scientists, educators, and other recognized specialists in the fields of electronics, radio, computer, and communications technology. By providing an abundance of information on essential, need-to-know topics without heavy emphasis on complicated mathematics, Reference Data for Engineers is an absolute "must-have" for every engineer who requires comprehensive electrical, electronics, and communications data at

his or her fingertips. Featured in the Ninth Edition is updated coverage on intellectual property and patents, probability and design, antennas, power electronics, rectifiers, power supplies, and properties of materials. Useful information on units, constants and conversion factors, active filter design, antennas, integrated circuits, surface acoustic wave design, and digital signal processing is also included. The Ninth Edition also offers new knowledge in the fields of satellite technology, space communication, microwave science, telecommunication, global positioning systems, frequency data, and radar. * Widely acclaimed as the most practical reference ever published for a wide range of electronics and computer professionals, from technicians through post-graduate engineers. * Provides a great way to learn or review the basics of various technologies, with a minimum of tables, equations, and other heavy math.

Image Processing - Tinku Acharya 2005-10-03
Image processing-from basics to advanced applications Learn how to master image processing and compression with thisoutstanding state-of-the-art reference. From fundamentals tosophisticated applications, Image Processing: Principles andApplications covers multiple topics and provides a freshperspective on future directions and innovations in the field,including: * Image transformation techniques, including wavelet transformationand developments * Image enhancement and restoration, including noise modeling andfiltering * Segmentation schemes, and classification and recognition ofobjects * Texture and shape analysis techniques * Fuzzy set theoretical approaches in image processing, neuralnetworks, etc. * Content-based image retrieval and image mining * Biomedical image analysis and interpretation, including biometricalgorithms such as face recognition and signatureverification * Remotely sensed images and their applications * Principles and applications of dynamic scene analysis and movingobject detection and tracking * Fundamentals of image compression, including the JPEG standardand the new JPEG2000 standard Additional features include problems and solutions with eachchapter to help you apply the theory and techniques, as well asbibliographies for researching specialized topics. With itsextensive use of examples and illustrative figures, this is asuperior title for students and practitioners in computer science,wireless and multimedia communications, and engineering.

International Conference on Advancements of Medicine and Health Care through Technology; 23 - 26 September 2009 Cluj-Napoca, Romania - Simona Vlad 2010-02-01
Projections for advances in medical and biological technology will transform medical care and treatment. This in great part is due to the result of the interaction and collaboration between medical sciences and engineering. These advances will result in substantial progress in health care and in the quality of life of the population. Frequently however, the implications of technologies in terms of increasing recurrent costs, additional required support services, change in medical practice and training needs are underestimated. As a result, the widespread irrational use of te- nologies leads to a wastage of scarce resources and weakens health systems performance. To avoid such problems, a syst- atic and effective Health Technology System must be developed and introduced, requiring the support and commitment of decision makers of all levels of the health system. The MediTech2009 conference aims to provide a special opportunity for the Romanian professionals involved in basic - search, R&D, industry and medical applications to exchange their know-how and build up collaboration in one of the most human field of science and techniques. The conference is intended to be an international forum for researchers and practit- ners interested in the advance in, and applications of biomedical engineering to exchange the latest research results and ideas in the areas covered by the topics (and not only!). We believe the reader will find the proceedings an impressive document of progress to date in this rapidly changing field.

Fundamentals of Statistical Quality Control - Jerome D. Braverman 1981
Introduction to statistical quality control; Basic concepts of statistics and probability; Sampling; Process capability; Principles of acceptance sampling; Introduction to reliability.

IBM Data Processing Techniques - International Business Machines Corporation 1968