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Directory of Scholarly Journals in Turkey Metin Kozak 2017-03-07 Scholarly journals are the capillaries of the scientific world, ensuring the circulation of knowledge. Moreover, scholarly journals guide and indicate the scientific development in an academic field of study or in a country. Scholarly journals, which transfer and spread scientific information, are intended to properly fulfill their functions, preventing the transfer of imperfect or incorrect information to the science world. Significant issues are, therefore, inevitable in the characteristics of scientific studies in such disciplines and countries where the scholarly journals do not fulfill their functions properly. This study encompasses all scholarly journals published in Turkey in all fields of science and other disciplines. The reference questions in this study are grouped under three main categories: the contact and publication information, article evaluation, and publishing information. The number of journals in this present study totals 1,910.

Journal of Computational and Graphical Statistics 1999

Normaldistribusaurus Art Mimamour 2019-10-25 Normaldistribusaurus Journal - Notebook - Workbook - 6x9 - 120 Pages - Graph Paper 5x5 - Glossy Softback Cover Funny Math gift with creative cartoon statistical curve artwork that reads: 'Normaldistribusaurus' for a math, statistics and dinosaur fan who really enjoys the funny side of mathematics. 120 duo sided bright white pages 6x9 dimensions, portable size (bag, school, home, work, desk, ...) High quality glossy softbound cover designed with love Makes an ideal present for any gift giving occasion Perfect gift idea for: birthdays, back to school, christmas, thanksgiving, family & friends, notebook & planner lovers, teachers, graduation gifts, co-workers, boss gift, gift baskets, ...

Models in Biology David Brown 1993 This text provides an introduction to the use of mathematical models in biology, the statistical techniques for fitting and testing them, and associated computing methods. The properties of models, and methods of fitting and testing, are demonstrated by computer simulation illustrations.

Canadian Journal of Mathematics 1991-12

Distribution-Free Methods for Statistical Process Monitoring and Control Markos V. Koutras 2020-03-19 This book explores nonparametric statistical process control. It provides an up-to-date overview of nonparametric Shewhart-type univariate control charts, and reviews the recent literature on nonparametric charts, particularly multivariate schemes. Further, it discusses observations tied to the monitored population quantile, focusing on the Shewhart Sign chart. The book also addresses the issue of practically assuming the normality and the independence when a process is statistically monitored, and examines in detail change-point analysis-based distribution-free control charts designed for Phase I applications. Moreover, it introduces six distribution-free EWMA schemes for simultaneously monitoring the location and scale parameters of a univariate continuous process, and establishes two nonparametric Shewhart-type control charts based on order statistics with signaling runs-type rules. Lastly, the book proposes novel and effective method for early disease detection.

Canadian Journal of Mathematics 1994

Journal of the Applied Mathematics, Statistics and Informatics

Issues in Statistics, Decision Making, and Stochastics: 2013 Edition 2013-05-01 Issues in Statistics, Decision Making, and Stochastics: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Regular and Chaotic Dynamics. The editors have built Issues in Statistics, Decision Making, and Stochastics: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Regular and Chaotic Dynamics in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Statistics, Decision Making, and Stochastics: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.

Examples and Problems in Mathematical Statistics Shelemyahu Zacks 2013-12-17 Provides the necessary skills to solve problems in mathematical statistics through theory, concrete examples, and exercises With a clear and detailed approach to the fundamentals of statistical theory, Examples and Problems in Mathematical Statistics uniquely bridges the gap between theory andapplication and presents numerous problem-solving examples that illustrate the relatednotations and proven results. Written by an established authority in probability and mathematical statistics, each chapter begins with a theoretical presentation to introduce both the topic and the important results in an effort to aid in overall comprehension. Examples are then provided, followed by problems, and finally, solutions to some of the earlier problems. In addition, Examples and Problems in Mathematical Statistics features: Over 160 practical and interesting real-world examples from a variety of fields including engineering, mathematics, and statistics to help readers become proficient in theoretical problem solving More than 430 unique exercises with select solutions Key statistical inference topics, such as probability theory, statistical distributions, sufficient statistics, information in samples, testing statistical hypotheses, statistical estimation, confidence and tolerance intervals, large sample theory, and Bayesian analysis Recommended for graduate-level courses in probability and statistical inference, Examples and Problems in Mathematical Statistics is also an ideal reference for applied statisticians and researchers.

Journal of Statistical Planning and Inference 1993

Teaching Statistical Concepts Anne Hawkins 2014-09-19 There is growing recognition that statistics should be part of the core curriculum for the compulsory schooling of all children, leading to a now urgent need for teachers to be trained in both statistical content and appropriate teaching methods. This book lays the foundation for teacher's responses to these changes, exploring how best to teach those applied skills which are now seen to be a more relevant part of the content of statistical courses.

A Mathematical Primer for Social Statistics John Fox 2008-07-29 John Fox's A Mathematical Primer for Social Statistics covers many often ignored yet important topics in mathematics and mathematical statistics. This text provides readers with the foundation on which an understanding of applied statistics rests. Intended Audience This book is ideal for advanced undergraduates, graduate students, and researchers in the social sciences who need to understand and use relatively advanced statistical methods but whose mathematical preparation for this work is insufficient. Learn more about "The Little Green Book" QASS Series! Click Here.

Optimal Decision Making in Operations Research and Statistics Irfan Ali 2021-11-30 The book provides insights in the decision-making for implementing strategies in various spheres of real-world issues. It integrates optimal policies in various decisionmaking problems and serves as a reference for researchers and industrial practitioners. Furthermore, the book provides sound knowledge of modelling of real-world problems and solution procedure using the various optimisation and statistical techniques for making optimal decisions. The book is meant for teachers, students, researchers and industrialists who are working in the field of materials science, especially operations research and applied statistics.

Journal of Applied Mathematics, Statistics and Informatics

Advanced Topics in Mathematical Analysis Michael Ruzhansky 2019-01-08 Advanced Topics in Mathematical Analysis is aimed at researchers, graduate students, and educators with an interest in mathematical analysis, and in mathematics more generally. The book

aims to present theory, methods, and applications of the selected topics that have significant, useful relevance to contemporary research.

Mathematical Finance 2006

Teaching Statistics Andrew Gelman 2017-04-30 Students in the sciences, economics, social sciences, and medicine take an introductory statistics course. And yet statistics can be notoriously difficult for instructors to teach and for students to learn. To help overcome these challenges, Gelman and Nolan have put together this fascinating and thought-provoking book. Based on years of teaching experience the book provides a wealth of demonstrations, activities, examples, and projects that involve active student participation. Part I of the book presents a large selection of activities for introductory statistics courses and has chapters such as 'First week of class'-- with exercises to break the ice and get students talking; then descriptive statistics, graphics, linear regression, data collection (sampling and experimentation), probability, inference, and statistical communication. Part II gives tips on what works and what doesn't, how to set up effective demonstrations, how to encourage students to participate in class and to work effectively in group projects. Course plans for introductory statistics, statistics for social scientists, and communication and graphics are provided. Part III presents material for more advanced courses on topics such as decision theory, Bayesian statistics, sampling, and data science.

Canadian Journal of Mathematics 1995-06

Mathematical Statistics Johann Pfanzagl 2017-10-23 This book presents a detailed description of the development of statistical theory. In the mid twentieth century, the development of mathematical statistics underwent an enduring change, due to the advent of more refined mathematical tools. New concepts like sufficiency, superefficiency, adaptivity etc. motivated scholars to reflect upon the interpretation of mathematical concepts in terms of their real-world relevance. Questions concerning the optimality of estimators, for instance, had remained unanswered for decades, because a meaningful concept of optimality (based on the regularity of the estimators, the representation of their limit distribution and assertions about their concentration by means of Anderson’s Theorem) was not yet available. The rapidly developing asymptotic theory provided approximate answers to questions for which non-asymptotic theory had found no satisfying solutions. In four engaging essays, this book presents a detailed description of how the use of mathematical methods stimulated the development of a statistical theory. Primarily focused on methodology, questionable proofs and neglected questions of priority, the book offers an intriguing resource for researchers in theoretical statistics, and can also serve as a textbook for advanced courses in statisticc.

Normaldistribusaurus Art Mimamour 2019-10-27 Normaldistribusaurus Journal - Notebook - Workbook - 6x9 - 120 Pages - Dot Grid 0.2" - Glossy Softback Cover Funny Math gift with creative cartoon statistical curve artwork that reads: 'Normaldistribusaurus' for a math, statistics and dinosaur fan who really enjoys the funny side of mathematics. 120 duo sided bright white pages 6x9 dimensions, portable size (bag, school, home, work, desk, ...) High quality glossy softbound cover designed with love Makes an ideal present for any gift giving occasion Perfect gift idea for: birthdays, back to school, christmas, thanksgiving, family & friends, notebook & planner lovers, teachers, graduation gifts, co-workers, boss gift, gift baskets, ...

To Be Mathematicians,you Have to Be Strong jad math son 2020-03-10 a kind journal: lined notebook,6*9,120 page, blank and white, matte cover, beautifully great gift to teachers students lover math gift journal of your great team for mathematics and statistics awareness month to strings mathematicians journal for doodling, writing, perfect and great notebook for writing note and ideas enjoy your journal mathematics

The Manual of Scientific Style Harold Rabinowitz 2009-06-12 Much like the Chicago Manual of Style, The Manual of Scientific Style addresses all stylistic matters in the relevant disciplines of physical and biological science, medicine, health, and technology. It presents consistent guidelines for text, data, and graphics, providing a comprehensive and authoritative style manual that can be used by the professional scientist, science editor, general editor, science writer, and researcher. Scientific disciplines treated independently, with notes where variances occur in the same linguistic areas Organization and directives designed to assist readers in finding the precise usage rule or convention A focus on American usage in rules and formulations with noted differences between American and British usage Differences in the various levels of scientific discourse addressed in a variety of settings in which science writing appears Instruction and guidance on the means of improving clarity, precision, and effectiveness of science writing, from its most technical to its most popular

International Journal of Mathematical and Statistical Sciences 1999

Nonparametric Statistics Ricardo Cao 2016-09-12 This volume collects selected, peer-reviewed contributions from the 2nd Conference of the International Society for Nonparametric Statistics (ISNPS), held in Cádiz (Spain) between June 11–16 2014, and sponsored by the American Statistical Association, the Institute of Mathematical Statistics, the Bernoulli Society for Mathematical Statistics and Probability, the Journal of Nonparametric Statistics and Universidad Carlos III de Madrid. The 15 articles are a representative sample of the 336 contributed papers presented at the conference. They cover topics such as high-dimensional data modelling, inference for stochastic processes and for dependent data, nonparametric and goodness-of-fit testing, nonparametric curve estimation, object-oriented data analysis, and semiparametric inference. The aim of the ISNPS 2014 conference was to bring together recent advances and trends in several areas of nonparametric statistics in order to facilitate the exchange of research ideas, promote collaboration among researchers from around the globe, and contribute to the further development of the field.

Quantitative Fund Management M.A.H. Dempster 2008-12-22 The First Collection That Covers This Field at the Dynamic Strategic and One-Period Tactical Levels Addressing the imbalance between research and practice, Quantitative Fund Management presents leading-edge theory and methods, along with their application in practical problems encountered in the fund management industry. A Current Snapshot of State-of-the-Art Applications of Dynamic Stochastic Optimization Techniques to Long-Term Financial Planning The first part of the book initially looks at how the quantitative techniques of the equity industry are shifting from basic Markowitz mean-variance portfolio optimization to risk management and trading applications. This section also explores novel aspects of lifetime individual consumption investment problems, fixed-mix portfolio rebalancing allocation strategies, debt management for funding mortgages and national debt, and guaranteed return fund construction. Up-to-Date Overview of Tactical Financial Planning and Risk Management The second section covers nontrivial computational approaches to tactical fund management. This part focuses on portfolio construction and risk management at the individual security or fund manager level over the period up to the next portfolio rebalance. It discusses non-Gaussian returns, new risk-return tradeoffs, and the robustness of benchmarks and portfolio decisions. The Future Use of Quantitative Techniques in Fund Management With contributions from well-known academics and practitioners, this volume will undoubtedly foster the recognition and wider acceptance of stochastic optimization techniques in financial practice.

Guide to Information Sources in Mathematics and Statistics Martha A. Tucker 2004-09-30 This book is a reference for librarians, mathematicians, and statisticians involved in college and research level mathematics and statistics in the 21st century. We are in a time of transition in scholarly communications in mathematics, practices which have changed little for a hundred years are giving way to new modes of accessing information. Where journals, books, indexes and catalogs were once the physical representation of a good mathematics library, shelves have given way to computers, and users are often accessing information from remote places. Part I is a historical survey of the past 15 years tracking this huge transition in scholarly communications in mathematics. Part II of the book is the bibliography of resources recommended to support the disciplines of mathematics and statistics. These are grouped by type of material. Publication dates range from the 1800's onwards. Hundreds of electronic resources-some online, both dynamic and static, some in fixed media, are listed among the paper resources. Amazingly a majority of listed electronic resources are free.

Statistics for Mathematicians Victor M. Panaretos 2016-05-02 This textbook provides a coherent introduction to the main concepts and methods of one-parameter statistical inference. Intended for students of Mathematics taking their first course in Statistics, the focus is on Statistics for Mathematicians rather than on Mathematical Statistics. The goal is not to focus on the mathematical/theoretical aspects of the subject, but rather to provide an introduction to the subject tailored to the mindset and tastes of Mathematics students, who are sometimes turned off by the informal nature of Statistics courses. This book can be used as the basis for an elementary semester-long first course on Statistics with a firm sense of direction that does not sacrifice rigor. The deeper goal of the text is to attract the attention of promising Mathematics students.

Nonparametric Statistics Michele La Rocca 2021-11-26 Highlighting the latest advances in nonparametric and semiparametric statistics, this book gathers selected peer-reviewed contributions presented at the 4th Conference of the International Society for Nonparametric Statistics (ISNPS), held in Salerno, Italy, on June 11-15, 2018. It covers theory, methodology, applications and computational aspects, addressing topics such as nonparametric curve estimation, regression smoothing, models for time series and more generally dependent data, varying coefficient models, symmetry testing, robust estimation, and rank-based methods for factorial design. It also discusses nonparametric and permutation solutions for several different types of data, including ordinal data, spatial data, survival data and the joint modeling of both longitudinal and time-to-event data, permutation and resampling techniques, and practical applications of nonparametric statistics. The International Society for Nonparametric Statistics is a unique global organization, and its international conferences are intended to foster the exchange of ideas and the latest advances and trends among researchers from around the world and to develop and disseminate nonparametric statistics knowledge. The ISNPS 2018 conference in Salerno was organized with the support of the American Statistical Association, the Institute of Mathematical Statistics, the Bernoulli Society for Mathematical Statistics and Probability, the Journal of Nonparametric Statistics and the University of Salerno.

Modern Mathematical Statistics with Applications Jay L. Devore 2011-12-06 Many mathematical statistics texts are heavily oriented toward a rigorous mathematical development of probability and statistics, without much attention paid to how statistics is actually used.. In contrast, Modern Mathematical Statistics with Applications, Second Edition strikes a balance between mathematical foundations and statistical practice. In keeping with the recommendation that every math student should study statistics and probability with an emphasis on data analysis, accomplished authors Jay Devore and Kenneth Berk make statistical concepts and methods clear and relevant through careful explanations and a broad range of applications involving real data. The main focus of the book is on presenting and illustrating methods of inferential statistics that are useful in research. It begins with a chapter on descriptive statistics that immediately exposes the reader to real data. The next six chapters develop the probability material that bridges the gap between descriptive and inferential statistics. Point estimation, inferences based on statistical intervals, and hypothesis testing are then introduced in the next three chapters. The remainder of the book explores the use of this methodology in a variety of more complex settings. This edition includes a plethora of new exercises, a number of which are similar to what would be encountered on the actuarial exams that cover probability and statistics. Representative applications include investigating whether the average tip percentage in a particular restaurant exceeds the standard 15%, considering whether the flavor and aroma of Champagne are affected by bottle temperature or type of pour, modeling the relationship between college graduation rate and average SAT score, and assessing the likelihood of O-ring failure in space shuttle launches as related to launch temperature.

Canadian Journal of Mathematics 1994

A Course in Mathematical Statistics George G. Roussas 1997-03-14 A Course in Mathematical Statistics, Second Edition, contains enough material for a year-long course in probability and statistics for advanced undergraduate or first-year graduate students, or it can be used independently for a one-semester (or even one-quarter) course in probability alone. It bridges the gap between high and intermediate level texts so students without a sophisticated mathematical background can assimilate a fairly broad spectrum of the theorems and results from mathematical statistics. The coverage is extensive, and consists of probability and distribution theory, and statistical inference. * Contains 25% new material * Includes the most complete coverage of sufficiency * Transformation of Random Vectors * Sufficiency / Completeness / Exponential Families * Order Statistics * Elements of Nonparametric Density Estimation * Analysis of Variance (ANOVA) * Regression Analysis * Linear Models

Optimal Sports Math, Statistics, and Fantasy Robert L. Kissell 2017-04-06 Optimal Sports Math, Statistics, and Fantasy provides the sports community—students, professionals, and casual sports fans—with the essential mathematics and statistics required to objectively analyze sports teams, evaluate player performance, and predict game outcomes. These techniques can also be applied to fantasy sports competitions. Readers will learn how to: Accurately rank sports teams Compute winning probability Calculate expected victory margin Determine the set of factors that are most predictive of team and player performance Optimal Sports Math, Statistics, and Fantasy also illustrates modeling techniques that can be used to decode and demystify the mysterious computer ranking schemes that are often employed by post-season tournament selection committees in college and professional sports. These methods offer readers a verifiable and unbiased approach to evaluate and rank teams, and the proper statistical procedures to test and evaluate the accuracy of different models. Optimal Sports Math, Statistics, and Fantasy delivers a proven best-in-class quantitative modeling framework with numerous applications throughout the sports world. Statistical approaches to predict winning team, probabilities, and victory margin Procedures to evaluate the accuracy of different models Detailed analysis of how mathematics and statistics are used in a variety of different sports Advanced mathematical applications that can be applied to fantasy sports, player evaluation, salary negotiation, team selection, and Hall of Fame determination

The Foundations of Statistics Leonard J. Savage 1972-06-01 Classic analysis of the subject and the development of personal probability; one of the greatest controversies in modern statistcal thought. New preface and new footnotes to 1954 edition, with a supplementary 180-item annotated bibliography by author. Calculus, probability, statistics, and Boolean algebra are recommended.

Normaldistribusaurus art mimamour 2019-10-24 Normaldistribusaurus Journal | Notebook | Workbook - 6x9 - 120 Pages - Graph Paper 5x5 - Glossy Softback Cover Funny Math gift with creative cartoon statistical curve artwork that reads: 'Normaldistribusaurus' for a math, statistics and dinosaur fan who really enjoys the funny side of mathematics. 120 duo sided bright white pages 6x9 dimensions, portable size (bag, school, home, work, desk, ...) High quality glossy softbound cover designed with love Makes an ideal present for any gift giving occasion Perfect gift idea for: birthdays, back to school, christmas, thanksgiving, family & friends, notebook & planner lovers, teachers, graduation gifts, co-workers, boss gift, gift baskets,...

Statistical Theory and Method Abstracts 1976

Mathematics and Statistics for Financial Risk Management Michael B. Miller 2012-01-25

Decisions and Trends in Social Systems Daniela Soitu 2021-06-01 This book presents a systemic perspective on the broadly perceived problem of social care, meant in terms of a network engaging balanced resources and actors to assure the functionality, in an integrative approach. The approach involves individual, institutional and organizational structures, at the micro, mezzo- and macro-levels, in their interrelations, with proper contexts for understandings, interpretations and actions by stakeholders. The papers presented suggest ways of changes, involving even participant actors as changing agents, taking into account evolving behaviors and human relations, policies and inter-institutional frameworks, from many points of view. In the first part, various aspects, notably economic and emotional, of innovative and integrated approaches to long-term care are dealt with. Different aspects are considered exemplified by legal, educational, economic, environmental, cultural and those related to the perception of aging, labor market for the elderly, perceived quality of life, etc. The planning and management of social services are discussed in terms of a functional, and effective and efficient system, with the identification and analysis of actors and processes, and transformation policies. This is done at the local, regional and global levels.

Probability Theory, Mathematical Statistics, and Theoretical Cybernetics R. V. Gamkrelidze 2012-12-16 This work is a continuation of earlier volumes under the heading "Probability Theory, Mathematical Statistics, and Theo retical Cybernetics," published as part of the "Itogi Nauki" series. The present volume comprises a single review article, en titled "Reliability of Discrete Systems," covering material pub lished mainly in the last six to eight years and abstracted in "Referativnyi Zhurnal-Matematika" (Soviet Abstract Journal in Mathematics). The bibliography encompasses 313 items. The editors welcome inquiries regarding the present volume or the format and content of future volumes of the series; corre spondence should be sent to the following address: Otdel Matemat ika (Mathematics Section), Baltiiskaya ul., 14, Moscow, A-219. v Contents RELIABILITY OF DISCRETE SYSTEMS M. A. Gavrilov, V. M. Ostianu, and A. I. Potekhin Introduction . . . . . • . . . . . • . . . . 1 . . . . . CHAPTER 1. Assurance of Infallibility in Discrete Systems..... . . . . 5 1. State of the Art .•.....•..... 5 2. Basic Definitions, Concepts, and Problem Formulations.. 6 3. Redundancy Models. . . . . •. . . 10 . • . . 4. Composition Methods ..... 17 5. Majority Methods . . . . .