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Behavioural Sports Economics Hannah Josepha Rachel Altman 2021-12-20 Economists have entered into the realm of sports to provide what they believe to be more cogent explanations for sport-related behaviour and to suggest ways in which incentives can improve sports outcomes. But prices and income, the traditional workhorses of conventional economics, can only provide partial explanations and understandings. Drawing on a bounded rationality approach to behavioural economics, this book demonstrates the analytical insights to be gained by supplementing the conventional economics toolbox with psychological, cognitive, sociological, and institutional factors. The international cast list of contributors cover a wide range of sports topics on which a behavioural approach can reveal new insights. These include preferences, managerial, efficiency, choking, doping, favouritism, athlete well-being, and spectator behaviour. Throughout the book, there is an emphasis on the cognitive limits to smart decision-making as well as the critical role played by the decision-making environment. This volume demonstrates that adopting a bounded rationality approach, complimented with other behaviouralist approaches, helps to better explain sport-related behavioural, sub-optimal behavioural, and market failures. It also provides insights that could be used to improve sports outcomes and the well-being of those involved in sports and to better configure policy to enhance sports performance. This groundbreaking book will be an indispensable reference to students and scholars of sports economics, sports management, and sports science.

Thinking, Fast and Slow Daniel Kahneman 2011-10-25 Major New York Times bestseller Winner of the National Academy of Sciences Best Book Award in 2012 Selected by the New York Times Book Review as one of the ten best books of 2011 A Globe and Mail Best Books of the Year 2011 Title One of The Economist's 2011 Books of the Year One of The Wall Street Journal's Best Nonfiction Books of the Year 2011 2013 Presidential Medal of Freedom Recipient Kahneman's work with Amos Tversky is the subject of Michael Lewis's The Undoing Project: A Friendship That Changed Our Minds In the international bestseller, Thinking, Fast and Slow, Daniel Kahneman, the renowned psychologist and winner of the Nobel Prize in Economics, takes us on a groundbreaking tour of the mind and explains the two systems that drive the way we think. System 1 is fast, intuitive, and emotional; System 2 is slower, more deliberative, and more logical. The impact of overconfidence on corporate strategies, the difficulties of predicting what will make us happy in the future, the profound effect of cognitive biases on everything from playing the stock market to planning our next vacation—each of these can be understood only by knowing how the two systems shape our judgments and decisions. Engaging the reader in a lively conversation about how we think, Kahneman reveals where we can and cannot trust our intuitions and how we can tap into the benefits of slow thinking. He offers practical and enlightening insights into how choices are made in both our business and our personal lives—and how

we can use different techniques to guard against the mental glitches that often get us into trouble. Winner of the National Academy of Sciences Best Book Award and the Los Angeles Times Book Prize and selected by The New York Times Book Review as one of the ten best books of 2011, Thinking, Fast and Slow is destined to be a classic.

The Fifth Risk Michael Lewis 2018-10-02 New York Times Bestseller What are the consequences if the people given control over our government have no idea how it works? "The election happened," remembers Elizabeth Sherwood-Randall, then deputy secretary of the Department of Energy. "And then there was radio silence." Across all departments, similar stories were playing out: Trump appointees were few and far between; those that did show up were shockingly uninformed about the functions of their new workplace. Some even threw away the briefing books that had been prepared for them. Michael Lewis's brilliant narrative takes us into the engine rooms of a government under attack by its own leaders. In Agriculture the funding of vital programs like food stamps and school lunches is being slashed. The Commerce Department may not have enough staff to conduct the 2020 Census properly. Over at Energy, where international nuclear risk is managed, it's not clear there will be enough inspectors to track and locate black market uranium before terrorists do. Willful ignorance plays a role in these looming disasters. If your ambition is to maximize short-term gains without regard to the long-term cost, you are better off not knowing those costs. If you want to preserve your personal immunity to the hard problems, it's better never to really understand those problems. There is upside to ignorance, and downside to knowledge. Knowledge makes life messier. It makes it a bit more difficult for a person who wishes to shrink the world to a worldview. If there are dangerous fools in this book, there are also heroes, unsung, of course. They are the linchpins of the system—those public servants whose knowledge, dedication, and proactivity keep the machinery running. Michael Lewis finds them, and he asks them what keeps them up at night.

Evidence-Based Applied Sport Psychology Roland A. Carlstedt, PhD 2012-11-13 This is the first book to call for a major paradigm shift in applied sport psychology by providing a wealth of systematic, scientifically validated research in a field where assessment and treatment has often been haphazard. In his quest to bring sport psychology to a higher level of validity, Dr. Carlstedt describes the most current assessment methods, intervention procedures, and promising research that are critical for use in evidence-based practice. These assessment and treatment methods are based on 25 years of rigorous scientific approaches and principles that incorporate the most sophisticated research methods now available. The book describes the mechanisms that influence peak performance or psychological performance deficits and the mental training process, and provides procedures that will take the guesswork out of typical assessment and mental training. It offers tools with which practitioners can reexamine their modus operandi and critically explore the mechanism of interaction outcomes. To this end, the book includes extensive data sets on personality, behavioral tendencies, mind-body responses, and performance outcome. Dr. Carlstedt advocates moving beyond compartmentalized therapeutic sessions in the office to directly observe athletic performance during training and actual competition. The text also contains individual and team case studies to enhance its focus on individualized, efficacy-tested protocols for each individual athlete. Key Features: Presents a detailed client-centered assessment and intervention model grounded in technology-supported, step-by-step procedures, followed by efficacy testing Focuses on the importance of empirical scrutiny and individualized, efficacy-tested protocols for each individual athlete Describes the Carlstedt Protocol containing a visualization efficiency test among many other technologically based assessment and training tools Provides a roadmap for achieving a gold-standard system of accountability Practitioners will learn how to work within Carlstedt's integrative model to improve athlete performance and contribute to the advancement of evidence-based applied sport psychology.

The Business of Major League Baseball Gerald W. Scully 1989 Examines the many economic pressures exerted on professional baseball, and measures their effects both on the field and in the ticket office

The Art of Teaching Science Jack Hassard 2009 The Art of Teaching Science emphasizes a humanistic, experiential, and constructivist approach to teaching and learning, and integrates a wide variety of pedagogical learning tools. These tools involve inquiry and experimentation, reflection through writing and discussion, as well as experiences with students, science curriculum and pedagogy. Becoming a science teacher is a creative process, and this innovative textbook encourages students to construct ideas about science teaching through their interactions with peers, professionals, and instructors, and through hands-on, minds-on activities designed to foster a collaborative, thoughtful learning environment.

The Insurgents Fred Kaplan 2013-01-02 A finalist for the Pulitzer Prize The inside story of the small group of soldier-scholars who—against fierce resistance from within their own ranks—changed the way the Pentagon does business and the American military fights wars. The Insurgents is the inside story of the small group of soldier-scholars, led by General David Petraeus, who plotted to revolutionize one of the largest, oldest, and most hidebound institutions—the United States military. Their aim was to build a new Army that could fight the new kind of war in the post–Cold War age: not massive wars on vast battlefields, but "small wars" in cities and villages, against insurgents and terrorists. These would be wars not only of fighting but of "nation building," often not of necessity but of choice. Based on secret documents, private emails, and interviews with more than one hundred key characters, including Petraeus, the tale unfolds against the backdrop of the wars against insurgents in Iraq and Afghanistan. But the main insurgency is the one mounted at home by ambitious, self-consciously intellectual officers—Petraeus, John Nagl, H. R. McMaster, and others—many of them classmates or colleagues in West Point's Social Science Department who rose through the ranks, seized with an idea of how to fight these wars better. Amid the crisis, they forged a community (some of them called it a cabal or mafia) and adapted their enemies' techniques to overhaul the culture and institutions of their own Army. Fred Kaplan describes how these men and women maneuvered the idea through the bureaucracy and made it official policy. This is a story of power, politics, ideas, and personalities—and how they converged to reshape the twenty-first-century American military. But it is also a cautionary tale about how creative doctrine can harden into dogma, how smart strategists—today's "best and brightest"—can win the battles at home but not the wars abroad. Petraeus and his fellow insurgents made the US military more adaptive to the conflicts of the modern era, but they also created the tools—and made it more tempting—for political leaders to wade into wars that they would be wise to avoid.

Statistics: Learning from Data Roxy Peck 2018-01-01 STATISTICS: LEARNING FROM DATA, Second Edition, helps you learn to think like a statistician. It pays particular attention to areas that students often struggle with -- probability, hypothesis testing, and selecting an appropriate method of analysis. Supported by learning objectives, real-data examples and exercises, and technology notes, this book helps you to develop conceptual understanding, mechanical proficiency, and the ability to put knowledge into practice. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Fences (Movie tie-in) August Wilson 2016-12-06 From legendary playwright August Wilson comes the powerful, stunning dramatic bestseller that won him critical acclaim, including the Tony Award for Best Play and the Pulitzer Prize. Troy Maxson is a strong man, a hard man. He has had to be to survive. Troy Maxson has gone through life in an America where to be proud and black is to face pressures that could

crush a man, body and soul. But the 1950s are yielding to the new spirit of liberation in the 1960s, a spirit that is changing the world Troy Maxson has learned to deal with the only way he can, a spirit that is making him a stranger, angry and afraid, in a world he never knew and to a wife and son he understands less and less. This is a modern classic, a book that deals with the impossibly difficult themes of race in America, set during the Civil Rights Movement of the 1950s and 60s. Now an Academy Award-winning film directed by and starring Denzel Washington, along with Academy Award and Golden Globe winner Viola Davis.

Who Gets In and Why Jeffrey Selingo 2020-09-15 A NEW YORK TIMES NOTABLE BOOK OF 2020 From award-winning higher education journalist and New York Times bestselling author Jeffrey Selingo comes a revealing look from inside the admissions office—one that identifies surprising strategies that will aid in the college search. Getting into a top-ranked college has never seemed more impossible, with acceptance rates at some elite universities dipping into the single digits. In Who Gets In and Why, journalist and higher education expert Jeffrey Selingo dispels entrenched notions of how to compete and win at the admissions game, and reveals that teenagers and parents have much to gain by broadening their notion of what qualifies as a "good college." Hint: it's not all about the sticker on the car window. Selingo, who was embedded in three different admissions offices—a selective private university, a leading liberal arts college, and a flagship public campus—closely observed gatekeepers as they made their often agonizing and sometimes life-changing decisions. He also followed select students and their parents, and he traveled around the country meeting with high school counselors, marketers, behind-the-scenes consultants, and college rankers. While many have long believed that admissions is merit-based, rewarding the best students, Who Gets In and Why presents a more complicated truth, showing that "who gets in" is frequently more about the college's agenda than the applicant. In a world where thousands of equally qualified students vie for a fixed number of spots at elite institutions, admissions officers often make split-second decisions based on a variety of factors—like diversity, money, and, ultimately, whether a student will enroll if accepted. One of the most insightful books ever about "getting in" and what higher education has become, Who Gets In and Why not only provides an usually intimate look at how admissions decisions get made, but guides prospective students on how to honestly assess their strengths and match with the schools that will best serve their interests.

Analytics, Data Science, and Artificial Intelligence Ramesh Sharda 2020-03-06 For courses in decision support systems, computerized decision-making tools, and management support systems. Market-leading guide to modern analytics, for better business decisionsAnalytics, Data Science, & Artificial Intelligence: Systems for Decision Support is the most comprehensive introduction to technologies collectively called analytics (or business analytics) and the fundamental methods, techniques, and software used to design and develop these systems. Students gain inspiration from examples of organisations that have employed analytics to make decisions, while leveraging the resources of a companion website. With six new chapters, the 11th edition marks a major reorganisation reflecting a new focus -- analytics and its enabling technologies, including AI, machine-learning, robotics, chatbots, and IoT.

Business Statistics for Competitive Advantage with Excel 2019 and JMP Cynthia Fraser 2019-08-02 The revised Fifth Edition of this popular textbook is redesigned with Excel 2019 and the new inclusion of interactive, user-friendly JMP to encourage business students to develop competitive advantages for use in their future careers. Students learn to build models, produce statistics, and translate results into implications for decision makers. The text features new and updated examples and assignments, and each chapter discusses a focal case from the business world which can be analyzed using the statistical strategies and software provided in the text. Paralleling recent interest in climate change and

sustainability, new case studies concentrate on issues such as the impact of drought on business, automobile emissions, and sustainable package goods. The book continues its coverage of inference, Monte Carlo simulation, contingency analysis, and linear and nonlinear regression. A new chapter is dedicated to conjoint analysis design and analysis, including complementary use of regression and JMP. For access to accompanying data sets, please email author Cynthia Fraser at cfg8q@virginia.edu.

MoneyBall Medicine Harry Glorikian 2017-11-20 How can a smartwatch help patients with diabetes manage their disease? Why can't patients find out prices for surgeries and other procedures before they happen? How can researchers speed up the decade-long process of drug development? How will "Precision Medicine" impact patient care outside of cancer? What can doctors, hospitals, and health systems do to ensure they are maximizing high-value care? How can healthcare entrepreneurs find success in this data-driven market? A revolution is transforming the $10 trillion healthcare landscape, promising greater transparency, improved efficiency, and new ways of delivering care. This new landscape presents tremendous opportunity for those who are ready to embrace the data-driven reality. Having the right data and knowing how to use it will be the key to success in the healthcare market in the future. We are already starting to see the impacts in drug development, precision medicine, and how patients with rare diseases are diagnosed and treated. Startups are launched every week to fill an unmet need and address the current problems in the healthcare system. Digital devices and artificial intelligence are helping doctors do their jobs faster and with more accuracy. MoneyBall Medicine: Thriving in the New Data-Driven Healthcare Market, which includes interviews with dozens of healthcare leaders, describes the business challenges and opportunities arising for those working in one of the most vibrant sectors of the world's economy. Doctors, hospital administrators, health information technology directors, and entrepreneurs need to adapt to the changes effecting healthcare today in order to succeed in the new, cost-conscious and value-based environment of the future. The authors map out many of the changes taking place, describe how they are impacting everyone from patients to researchers to insurers, and outline some predictions for the healthcare industry in the years to come.

120 Years of American Education 1993

Get There Early Bob Johansen 2007-08-20 These days, every leader struggles with a paradox: you can't predict the future, but you have to be able to make sense of it to thrive. In the age of the Internet, everyone knows what's new, but to succeed you have to be able to sort out what's important, devise strategies based on your own point of view, and get there ahead of the crowd. Bob Johansen shares techniques the Institute for the Future has been refining for nearly forty years to help leaders navigate what, borrowing a term from the Army War College, he calls the VUCA world: a world characterized by volatility, uncertainty, complexity, and ambiguity. As the institute's ten-year forecast makes clear, leaders now face fewer problems with neat solutions and more dilemmas: recurring, complex, messy, and puzzling situations. Get There Early lays out the institute's three-step Foresight to Insight to Action Cycle that will allow readers to sense, make sense of, and win with dilemmas. Johansen offers specific techniques, ranging from storytelling to simulation gaming, as well as real-world examples to help readers turn the VUCA world on its head through creative use of vision, understanding, clarity, and agility. This book offers hope for leaders facing the constant tension—a dilemma in itself—between judging too soon and deciding too late.

The Tyranny of Metrics Jerry Z. Muller 2019-04-30 How the obsession with quantifying human performance threatens business, medicine, education, government—and the quality of our lives Today, organizations of all kinds are ruled by the belief that the path to success is quantifying human performance, publicizing the results, and dividing up the rewards based on the numbers. But in our zeal

to instill the evaluation process with scientific rigor, we've gone from measuring performance to fixating on measuring itself—and this tyranny of metrics now threatens the quality of our organizations and lives. In this brief, accessible, and powerful book, Jerry Muller uncovers the damage metrics are causing and shows how we can begin to fix the problem. Filled with examples from business, medicine, education, government, and other fields, the book explains why paying for measured performance doesn't work, why surgical scorecards may increase deaths, and much more. But Muller also shows that, when used as a complement to judgment based on personal experience, metrics can be beneficial, and he includes an invaluable checklist of when and how to use them. The result is an essential corrective to a harmful trend that increasingly affects us all.

Notational Analysis of Sport Mike Hughes 2004 First published in 1997. Routledge is an imprint of Taylor & Francis, an informa company.

Ball Four Jim Bouton 2012-03-20 The 50th Anniversary edition of "the book that changed baseball" (NPR), chosen by Time magazine as one of the "100 Greatest Non-Fiction" books. When Ball Four was published in 1970, it created a firestorm. Bouton was called a Judas, a Benedict Arnold, and a "social leper" for having violated the "sanctity of the clubhouse." Baseball commissioner Bowie Kuhn tried to force Bouton to sign a statement saying the book wasn't true. Ballplayers, most of whom hadn't read it, denounced the book. It was even banned by a few libraries. Almost everyone else, however, loved Ball Four. Fans liked discovering that athletes were real people—often wildly funny people. David Halberstam, who won a Pulitzer for his reporting on Vietnam, wrote a piece in Harper's that said of Bouton: "He has written . . . a book deep in the American vein, so deep in fact that it is by no means a sports book." Today Ball Four has taken on another role—as a time capsule of life in the sixties. "It is not just a diary of Bouton's 1969 season with the Seattle Pilots and Houston Astros," says sportswriter Jim Caple. "It's a vibrant, funny, telling history of an era that seems even further away than four decades. To call it simply a 'tell all book' is like describing The Grapes of Wrath as a book about harvesting peaches in California." Includes a new foreword by Jim Bouton's wife "An irreverent, best-selling book that angered baseball's hierarchy and changed the way journalists and fans viewed the sports world." —The Washington Post

Predictive Business Analytics Lawrence Maisel 2013-09-26 Discover the breakthrough tool your company can use to makewinning decisions This forward-thinking book addresses the emergence of predictivebusiness analytics, how it can help redefine the way yourorganization operates, and many of the misconceptions that impedethe adoption of this new management capability. Filled with caseexamples, Predictive Business Analytics defines ways inwhich specific industries have applied these techniques and toolsand how predictive business analytics can complement otherfinancial applications such as budgeting, forecasting, andperformance reporting. Examines how predictive business analytics can help yourorganization understand its various drivers of performance, theirrelationship to future outcomes, and improve managerialdecision-making Looks at how to develop new insights and understand businessperformance based on extensive use of data, statistical andquantitative analysis, and explanatory and predictive modeling Written for senior financial professionals, as well as generaland divisional senior management Visionary and effective, Predictive Business Analyticsreveals how you can use your business's skills, technologies,tools, and processes for continuous analysis of past businessperformance to gain forward-looking insight and drive businessdecisions and actions.

The Data Science Design Manual Steven S. Skiena 2017-07-01 This engaging and clearly written textbook/reference provides a must-have introduction to the rapidly emerging interdisciplinary field of data science. It focuses on the principles fundamental to becoming a good data scientist and the key

skills needed to build systems for collecting, analyzing, and interpreting data. The Data Science Design Manual is a source of practical insights that highlights what really matters in analyzing data, and provides an intuitive understanding of how these core concepts can be used. The book does not emphasize any particular programming language or suite of data-analysis tools, focusing instead on high-level discussion of important design principles. This easy-to-read text ideally serves the needs of undergraduate and early graduate students embarking on an "Introduction to Data Science" course. It reveals how this discipline sits at the intersection of statistics, computer science, and machine learning, with a distinct heft and character of its own. Practitioners in these and related fields will find this book perfect for self-study as well. Additional learning tools: Contains "War Stories," offering perspectives on how data science applies in the real world Includes "Homework Problems," providing a wide range of exercises and projects for self-study Provides a complete set of lecture slides and online video lectures at www.data-manual.com Provides "Take-Home Lessons," emphasizing the big-picture concepts to learn from each chapter Recommends exciting "Kaggle Challenges" from the online platform Kaggle Highlights "False Starts," revealing the subtle reasons why certain approaches fail Offers examples taken from the data science television show "The Quant Shop" (www.quant-shop.com)

BIM and Integrated Design Randy Deutsch 2011-08-15 "Ready or not, it's high time to make BIM a part of your practice, or at least your vocabulary, and this book has as much to offer beginners as it does seasoned users of building information modeling software." —Chicago Architect The first book devoted to the subject of how BIM affects individuals and organizations working within the ever-changing construction industry, BIM and Integrated Design discusses the implementation of building information modeling software as a cultural process with a focus on the technology's impact and transformative effect—both potentially disruptive and liberating—on the social, psychological, and practical aspects of the workplace. BIM and Integrated Design answers the questions that BIM poses to the firm that adopts it. Through thorough research and a series of case study interviews with industry leaders—and leaders in the making out from behind the monitor—BIM and Integrated Design helps you learn: Effective learning strategies for fully understanding BIM software and its use Key points about integrated design to help you promote the process to owners and your team How BIM changes not only the technology, process, and delivery but also the leadership playing field How to become a more effective leader no matter where you find yourself in the organization or on the project team How the introduction of BIM into the workforce has significant education, recruitment, and training implications Covering all of the human issues brought about or exacerbated by the advent of BIM into the architecture workplace, profession, and industry, BIM and Integrated Design shows how to overcome real and perceived barriers to its use.

Sports Finance Brian P. Soebbing 2018-05-04 This book is a printed edition of the Special Issue "Sports Finance" that was published in IJFS

Sports Law Patrick K. Thornton 2010-02-04 Sports Law looks at major court cases, statutes, and regulations that explore a variety of legal issues in the sports industry. The early chapters provide an overview of sports law in general terms and explore its impact on race, politics, religion, and everyday affairs. Later chapters address hot button issues such as gender equity, drug testing, and discrimination. Written from a sport management perspective, rather than from a lawyer's, this text covers all the major areas presented in sports law today including: cases relating to torts, contracts, intellectual property, and agents. Factual scenarios throughout the text allow students to critically examine and apply sport management principles to legal issues facing the sports executive. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

What Money Can't Buy Michael J. Sandel 2012-04-24 Should we pay children to read books or to get good grades? Should we allow corporations to pay for the right to pollute the atmosphere? Is it ethical to pay people to test risky new drugs or to donate their organs? What about hiring mercenaries to fight our wars? Auctioning admission to elite universities? Selling citizenship to immigrants willing to pay? In What Money Can't Buy, Michael J. Sandel takes on one of the biggest ethical questions of our time: Is there something wrong with a world in which everything is for sale? If so, how can we prevent market values from reaching into spheres of life where they don't belong? What are the moral limits of markets? In recent decades, market values have crowded out nonmarket norms in almost every aspect of life—medicine, education, government, law, art, sports, even family life and personal relations. Without quite realizing it, Sandel argues, we have drifted from having a market economy to being a market society. Is this where we want to be?In his New York Times bestseller Justice, Sandel showed himself to be a master at illuminating, with clarity and verve, the hard moral questions we confront in our everyday lives. Now, in What Money Can't Buy, he provokes an essential discussion that we, in our market-driven age, need to have: What is the proper role of markets in a democratic society—and how can we protect the moral and civic goods that markets don't honor and that money can't buy?

The Numbers Game Michael Blastland 2009 Numbers saturate the news, politics, and life. The average person can use basic knowledge and common sense to put the never-ending onslaught of facts and figures in their proper place.

Baseball And Billions Andrew Zimbalist 1994-04-06 "A savvy analysis of the game's financial problems" (Los Angeles Times), now updated throughout and featuring a new chapter on recent controversies and upheavals in the game. Selected as one of the best books of the year by Business Week.

Naked Statistics: Stripping the Dread from the Data Charles Wheelan 2013-01-07 "Brilliant, funny . . . the best math teacher you never had."—San Francisco Chronicle Once considered tedious, the field of statistics is rapidly evolving into a discipline Hal Varian, chief economist at Google, has actually called "sexy." From batting averages and political polls to game shows and medical research, the real-world application of statistics continues to grow by leaps and bounds. How can we catch schools that cheat on standardized tests? How does Netflix know which movies you'll like? What is causing the rising incidence of autism? As best-selling author Charles Wheelan shows us in Naked Statistics, the right data and a few well-chosen statistical tools can help us answer these questions and more. For those who slept through Stats 101, this book is a lifesaver. Wheelan strips away the arcane and technical details and focuses on the underlying intuition that drives statistical analysis. He clarifies key concepts such as inference, correlation, and regression analysis, reveals how biased or careless parties can manipulate or misrepresent data, and shows us how brilliant and creative researchers are exploiting the valuable data from natural experiments to tackle thorny questions. And in Wheelan's trademark style, there's not a dull page in sight. You'll encounter clever Schlitz Beer marketers leveraging basic probability, an International Sausage Festival illuminating the tenets of the central limit theorem, and a head-scratching choice from the famous game show Let's Make a Deal—and you'll come away with insights each time. With the wit, accessibility, and sheer fun that turned Naked Economics into a bestseller, Wheelan defies the odds yet again by bringing another essential, formerly unglamorous discipline to life.

Leadership and the One Minute Manager Kenneth H. Blanchard 1994 Teaches the reader how to become a flexible and successful leader, fitting one's style to the needs of the individual and to the situation at hand, and using the "one-minute" techniques to enhance the management and motivation of

others

The Premonition: A Pandemic Story Michael Lewis 2021-05-04 New York Times Bestseller For those who could read between the lines, the censored news out of China was terrifying. But the president insisted there was nothing to worry about. Fortunately, we are still a nation of skeptics. Fortunately, there are those among us who study pandemics and are willing to look unflinchingly at worst-case scenarios. Michael Lewis's taut and brilliant nonfiction thriller pits a band of medical visionaries against the wall of ignorance that was the official response of the Trump administration to the outbreak of COVID-19. The characters you will meet in these pages are as fascinating as they are unexpected. A thirteen-year-old girl's science project on transmission of an airborne pathogen develops into a very grown-up model of disease control. A local public-health officer uses her worm's-eye view to see what the CDC misses, and reveals great truths about American society. A secret team of dissenting doctors, nicknamed the Wolverines, has everything necessary to fight the pandemic: brilliant backgrounds, world-class labs, prior experience with the pandemic scares of bird flu and swine flu…everything, that is, except official permission to implement their work. Michael Lewis is not shy about calling these people heroes for their refusal to follow directives that they know to be based on misinformation and bad science. Even the internet, as crucial as it is to their exchange of ideas, poses a risk to them. They never know for sure who else might be listening in.

Statistics and Probability with Applications (High School) Daren S. Starnes 2016-09-30 Statistics and Probability with Applications, Third Edition is the only introductory statistics text written by high school teachers for high school teachers and students. Daren Starnes, Josh Tabor, and the extended team of contributors bring their in-depth understanding of statistics and the challenges faced by high school students and teachers to development of the text and its accompanying suite of print and interactive resources for learning and instruction. A complete re-envisioning of the authors' Statistics Through Applications, this new text covers the core content for the course in a series of brief, manageable lessons, making it easy for students and teachers to stay on pace. Throughout, new pedagogical tools and lively real-life examples help captivate students and prepare them to use statistics in college courses and in any career.

Introduction to Data Science Rafael A. Irizarry 2019-11-20 Introduction to Data Science: Data Analysis and Prediction Algorithms with R introduces concepts and skills that can help you tackle real-world data analysis challenges. It covers concepts from probability, statistical inference, linear regression, and machine learning. It also helps you develop skills such as R programming, data wrangling, data visualization, predictive algorithm building, file organization with UNIX/Linux shell, version control with Git and GitHub, and reproducible document preparation. This book is a textbook for a first course in data science. No previous knowledge of R is necessary, although some experience with programming may be helpful. The book is divided into six parts: R, data visualization, statistics with R, data wrangling, machine learning, and productivity tools. Each part has several chapters meant to be presented as one lecture. The author uses motivating case studies that realistically mimic a data scientist's experience. He starts by asking specific questions and answers these through data analysis so concepts are learned as a means to answering the questions. Examples of the case studies included are: US murder rates by state, self-reported student heights, trends in world health and economics, the impact of vaccines on infectious disease rates, the financial crisis of 2007-2008, election forecasting, building a baseball team, image processing of hand-written digits, and movie recommendation systems. The statistical concepts used to answer the case study questions are only briefly introduced, so complementing with a probability and statistics textbook is highly recommended for in-depth understanding of these concepts. If you read and understand the chapters and complete the exercises,

you will be prepared to learn the more advanced concepts and skills needed to become an expert.

Ratf**ked David Daley 2017-07-04 David Daley's "extraordinarily timely" (New York Times Book Review) account uncovers the fundamental rigging of our House of Representatives and state legislatures nationwide. Lauded as a "compelling" (The New Yorker) and "eye-opening tour of a process that many Americans never see" (Washington Post), David Daley's Ratf**ked documents the effort of Republican legislators and political operatives to hack American democracy through an audacious redistricting plan called REDMAP. Since the revolutionary election of Barack Obama, a group of GOP strategists has devised a way to flood state races with a gold rush of dark money, made possible by Citizens United, in order to completely reshape Congress—and our democracy itself. "Sobering and convincing" (New York Review of Books), Ratf**ked shows how this program has radically altered America's electoral map and created a firewall in the House, insulating the Republican party and its wealthy donors from popular democracy. While exhausted voters recover from a grueling presidential election, a new Afterword from the author explores the latest intense efforts by both parties, who are already preparing for the next redistricting cycle in 2020.

Discovering Statistics James S. Hawkes 2005-01-01

The Hidden Game of Baseball John Thorn 2015-03-20 Long before Moneyball became a sensation or Nate Silver turned the knowledge he'd honed on baseball into electoral gold, John Thorn and Pete Palmer were using statistics to shake the foundations of the game. First published in 1984, The Hidden Game of Baseball ushered in the sabermetric revolution by demonstrating that we were thinking about baseball stats—and thus the game itself—all wrong. Instead of praising sluggers for gaudy RBI totals or pitchers for wins, Thorn and Palmer argued in favor of more subtle measurements that correlated much more closely to the ultimate goal: winning baseball games. The new gospel promulgated by Thorn and Palmer opened the door for a flood of new questions, such as how a ballpark's layout helps or hinders offense or whether a strikeout really is worse than another kind of out. Taking questions like these seriously—and backing up the answers with data—launched a new era, showing fans, journalists, scouts, executives, and even players themselves a new, better way to look at the game. This brand-new edition retains the body of the original, with its rich, accessible analysis rooted in a deep love of baseball, while adding a new introduction by the authors tracing the book's influence over the years. A foreword by ESPN's lead baseball analyst, Keith Law, details The Hidden Game's central role in the transformation of baseball coverage and team management and shows how teams continue to reap the benefits of Thorn and Palmer's insights today. Thirty years after its original publication, The Hidden Game is still bringing the high heat—a true classic of baseball literature.

Moneyball (Movie Tie-in Edition) (Movie Tie-in Editions) Michael Lewis 2011-08-22 Explains how Billy Beene, the general manager of the Oakland Athletics, is using a new kind of thinking to build a successful and winning baseball team without spending enormous sums of money.

R for Everyone Jared P. Lander 2017-06-13 Statistical Computation for Programmers, Scientists, Quants, Excel Users, and Other Professionals Using the open source R language, you can build powerful statistical models to answer many of your most challenging questions. R has traditionally been difficult for non-statisticians to learn, and most R books assume far too much knowledge to be of help. R for Everyone, Second Edition, is the solution. Drawing on his unsurpassed experience teaching new users, professional data scientist Jared P. Lander has written the perfect tutorial for anyone new to statistical programming and modeling. Organized to make learning easy and intuitive, this guide focuses on the 20 percent of R functionality you'll need to accomplish 80 percent of modern data tasks. Lander's self-

contained chapters start with the absolute basics, offering extensive hands-on practice and sample code. You'll download and install R; navigate and use the R environment; master basic program control, data import, manipulation, and visualization; and walk through several essential tests. Then, building on this foundation, you'll construct several complete models, both linear and nonlinear, and use some data mining techniques. After all this you'll make your code reproducible with LaTeX, RMarkdown, and Shiny. By the time you're done, you won't just know how to write R programs, you'll be ready to tackle the statistical problems you care about most. Coverage includes Explore R, RStudio, and R packages Use R for math: variable types, vectors, calling functions, and more Exploit data structures, including data.frames, matrices, and lists Read many different types of data Create attractive, intuitive statistical graphics Write user-defined functions Control program flow with if, ifelse, and complex checks Improve program efficiency with group manipulations Combine and reshape multiple datasets Manipulate strings using R's facilities and regular expressions Create normal, binomial, and Poisson probability distributions Build linear, generalized linear, and nonlinear models Program basic statistics: mean, standard deviation, and t-tests Train machine learning models Assess the quality of models and variable selection Prevent overfitting and perform variable selection, using the Elastic Net and Bayesian methods Analyze univariate and multivariate time series data Group data via K-means and hierarchical clustering Prepare reports, slideshows, and web pages with knitr Display interactive data with RMarkdown and htmlwidgets Implement dashboards with Shiny Build reusable R packages with devtools and Rcpp Register your product at informit.com/register for convenient access to downloads, updates, and corrections as they become available.

Business Periodicals Index 2006

The Undoing Project: A Friendship That Changed Our Minds Michael Lewis 2016-12-06 "Brilliant. . . . Lewis has given us a spectacular account of two great men who faced up to uncertainty and the limits of human reason." —William Easterly, Wall Street Journal Forty years ago, Israeli psychologists Daniel Kahneman and Amos Tversky wrote a series of breathtakingly original papers that invented the field of behavioral economics. One of the greatest partnerships in the history of science, Kahneman and Tversky's extraordinary friendship incited a revolution in Big Data studies, advanced evidence-based medicine, led to a new approach to government regulation, and made much of Michael Lewis's own work possible. In The Undoing Project, Lewis shows how their Nobel Prize–winning theory of the mind altered our perception of reality.

Business Intelligence and Data Mining Anil Maheshwari 2014-12-31 "This book is a splendid and valuable addition to this subject. The whole book is well written and I have no hesitation to recommend that this can be adapted as a textbook for graduate courses in Business Intelligence and Data Mining." Dr. Edi Shivaji, Des Moines, Iowa "As a complete novice to this area just starting out on a MBA course I found the book incredibly useful and very easy to follow and understand. The concepts are clearly explained and make it an easy task to gain an understanding of the subject matter." -- Mr. Craig Domoney, South Africa. Business Intelligence and Data Mining is a conversational and informative book in the exploding area of Business Analytics. Using this book, one can easily gain the intuition about the area, along with a solid toolset of major data mining techniques and platforms. This book can thus be gainfully used as a textbook for a college course. It is also short and accessible enough for a busy executive to become a quasi-expert in this area in a couple of hours. Every chapter begins with a case-let from the real world, and ends with a case study that runs across the chapters.

The Practice of Statistics for the AP® Exam, Teacher's Edition Daren Starnes 2014-03-21 The textbook provides a comprehensive guide to teaching AP® Statistics effectively for new and

experienced teachers alike. The 5th edition offers an introduction with general advice for teaching AP® Statistics, a pacing guide for the chapter featuring Learning Objectives and suggested homework assignments, and other teaching resources. Features include Teaching Tips, notes about AP® Exam common errors and using the AP® Exam formula Sheet, and integrated notes on extra resources that are available.