

Quantitative Value Web Site A Practitioners Guide To Automating Intelligent Investment And Eliminating Behavioral Errors Wiley Finance By Wesley Gray Tobias Carlisle 1st First Edition 12262012

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Interpretable Machine Learning - Christoph Molnar 2020

This book is about making machine learning models and their decisions interpretable. After exploring the concepts of interpretability, you will learn about simple, interpretable models such as decision trees, decision rules and linear regression. Later chapters focus on general model-agnostic methods for interpreting black box models like feature importance and accumulated local effects and explaining individual predictions with Shapley values and LIME. All interpretation methods are explained in depth and discussed critically. How do they work under the hood? What are their strengths and weaknesses? How can their outputs be interpreted? This book will enable you to select and correctly apply the interpretation method that is most suitable for your machine learning project.

Meta-Ethnography - George W. Noblit 1988-02

How can ethnographic studies be generalized, in contrast to concentrating on the individual case? Noblit and Hare propose a new method for synthesizing from qualitative studies: meta-ethnography. After citing the criteria to be used in comparing qualitative research projects, the authors define the ways these can then be aggregated to create more cogent syntheses of research. Using examples from numerous studies ranging from ethnographic work in educational settings to the Mead-Freeman controversy over Samoan youth, Meta-Ethnography offers useful procedural advice from both comparative and cumulative analyses of qualitative data. This provocative volume will be read with interest by researchers and students in qualitative research methods, ethnography, education, sociology, and anthropology. "After defining metaphor and synthesis, these authors provide a step-by-step program that will allow the researcher to show similarity (reciprocal translation), difference (refutation), or similarity at a higher level (lines or argument synthesis) among sample studies....Contain(s) valuable strategies at a seldom-used level of analysis." --Contemporary Sociology "The authors made an important contribution by reframing how we think of ethnography comparison in a way that is compatible with the new developments in interpretive ethnography. Meta-Ethnography is well worth consulting for the problem definition it offers." --The Journal of Nervous and Mental Disease "This book had to be written and I am pleased it was. Someone needed to break the ice and offer a strategy for summarizing multiple ethnographic studies. Noblit and Hare have done a commendable job of giving the research community one approach for doing so. Further, no one else can now venture into this area of synthesizing qualitative studies without making references to and positioning themselves vis-a-vis this volume." -Educational Studies

Strengthening Forensic Science in the United States - National Research Council 2009-07-29

Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number

of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

Financial Risk Management - Steve L. Allen 2012-12-19

A top risk management practitioner addresses the essential aspects of modern financial risk management In the Second Edition of Financial Risk Management +Website, market risk expert Steve Allen offers an insider's view of this discipline and covers the strategies, principles, and measurement techniques necessary to manage and measure financial risk. Fully revised to reflect today's dynamic environment and the lessons to be learned from the 2008 global financial crisis, this reliable resource provides a comprehensive overview of the entire field of risk management. Allen explores real-world issues such as proper mark-to-market valuation of trading positions and determination of needed reserves against valuation uncertainty, the structuring of limits to control risk taking, and a review of mathematical models and how they can contribute to risk control. Along the way, he shares valuable lessons that will help to develop an intuitive feel for market risk measurement and reporting. Presents key insights on how risks can be isolated, quantified, and managed from a top risk management practitioner Offers up-to-date examples of managing market and credit risk Provides an overview and comparison of the various derivative instruments and their use in risk hedging Companion Website contains supplementary materials that allow you to continue to learn in a hands-on fashion long after closing the book Focusing on the management of those risks that can be successfully quantified, the Second Edition of Financial Risk Management + Website is the definitive source for managing market and credit risk.

Valuation - McKinsey & Company Inc. 2010-07-16

The number one guide to corporate valuation is back and better than ever Thoroughly revised and expanded to reflect business conditions in today's volatile global economy, Valuation, Fifth Edition continues the tradition of its bestselling predecessors by providing up-to-date insights and practical advice

on how to create, manage, and measure the value of an organization. Along with all new case studies that illustrate how valuation techniques and principles are applied in real-world situations, this comprehensive guide has been updated to reflect new developments in corporate finance, changes in accounting rules, and an enhanced global perspective. Valuation, Fifth Edition is filled with expert guidance that managers at all levels, investors, and students can use to enhance their understanding of this important discipline. Contains strategies for multi-business valuation and valuation for corporate restructuring, mergers, and acquisitions. Addresses how you can interpret the results of a valuation in light of a company's competitive situation. Also available: a book plus CD-ROM package (978-0-470-42469-8) as well as a stand-alone CD-ROM (978-0-470-42457-7) containing an interactive valuation DCF model. Valuation, Fifth Edition stands alone in this field with its reputation of quality and consistency. If you want to hone your valuation skills today and improve them for years to come, look no further than this book.

Quantitative Momentum - Wesley R. Gray 2016-10-03

The individual investor's comprehensive guide to momentum investing. Quantitative Momentum brings momentum investing out of Wall Street and into the hands of individual investors. In his last book, Quantitative Value, author Wes Gray brought systematic value strategy from the hedge funds to the masses; in this book, he does the same for momentum investing, the system that has been shown to beat the market and regularly enriches the coffers of Wall Street's most sophisticated investors. First, you'll learn what momentum investing is not: it's not 'growth' investing, nor is it an esoteric academic concept. You may have seen it used for asset allocation, but this book details the ways in which momentum stands on its own as a stock selection strategy, and gives you the expert insight you need to make it work for you. You'll dig into its behavioral psychology roots, and discover the key tactics that are bringing both institutional and individual investors flocking into the momentum fold. Systematic investment strategies always seem to look good on paper, but many fall down in practice. Momentum investing is one of the few systematic strategies with legs, withstanding the test of time and the rigor of academic investigation. This book provides invaluable guidance on constructing your own momentum strategy from the ground up. Learn what momentum is and is not. Discover how momentum can beat the market. Take momentum beyond asset allocation into stock selection. Access the tools that ease DIY implementation. The large Wall Street hedge funds tend to portray themselves as the sophisticated elite, but momentum investing allows you to 'borrow' one of their top strategies to enrich your own portfolio. Quantitative Momentum is the individual investor's guide to boosting market success with a robust momentum strategy.

Advances in Financial Machine Learning - Marcos Lopez de Prado 2018-01-23

Machine learning (ML) is changing virtually every aspect of our lives. Today ML algorithms accomplish tasks that until recently only expert humans could perform. As it relates to finance, this is the most exciting time to adopt a disruptive technology that will transform how everyone invests for generations. Readers will learn how to structure Big data in a way that is amenable to ML algorithms; how to conduct research with ML algorithms on that data; how to use supercomputing methods; how to backtest your discoveries while avoiding false positives. The book addresses real-life problems faced by practitioners on a daily basis, and explains scientifically sound solutions using math, supported by code and examples. Readers become active users who can test the proposed solutions in their particular setting. Written by a recognized expert and portfolio manager, this book will equip investment professionals with the groundbreaking tools needed to succeed in modern finance.

A Quantitative Approach to Commercial Damages, + Website - Mark G. Filler 2012-05-08

How-to guidance for measuring lost profits due to business interruption damages. A Quantitative Approach to Commercial Damages explains the complicated process of measuring business interruption damages, whether they are losses from natural or man-made disasters, or whether the performance of one company adversely affects the performance of another. Using a methodology built around case studies integrated with solution tools, this book is presented step by step from the analysis damages perspective to aid in preparing a damage claim. Over 250 screen shots are included and key cell formulas that show how to construct a formula and lay it out on the spreadsheet. Includes Excel spreadsheet applications and key cell formulas for those who wish to construct their own spreadsheets. Offers a step-by-step approach to computing damages using case studies and over 250 screen shots. Often in the course of business, a firm

will be damaged by the actions of another individual or company, such as a fire that shuts down a restaurant for two months. Often, this results in the filing of a business interruption claim. Discover how to measure business losses with the proven guidance found in A Quantitative Approach to Commercial Damages.

Handbook on Constructing Composite Indicators: Methodology and User Guide - OECD 2008-08-22
A guide for constructing and using composite indicators for policy makers, academics, the media and other interested parties. In particular, this handbook is concerned with indicators which compare and rank country performance.

DIY Financial Advisor - Wesley R. Gray 2015-08-10

DIY Financial Advisor: A Simple Solution to Build and Protect Your Wealth. DIY Financial Advisor is a synopsis of our research findings developed while serving as a consultant and asset manager for family offices. By way of background, a family office is a company, or group of people, who manage the wealth a family has gained over generations. The term 'family office' has an element of cachet, and even mystique, because it is usually associated with the mega-wealthy. However, practically speaking, virtually any family that manages its investments—independent of the size of the investment pool—could be considered a family office. The difference is mainly semantic. DIY Financial Advisor outlines a step-by-step process through which investors can take control of their hard-earned wealth and manage their own family office. Our research indicates that what matters in investing are minimizing psychology traps and managing fees and taxes. These simple concepts apply to all families, not just the ultra-wealthy. But can—or should—we be managing our own wealth? Our natural inclination is to succumb to the challenge of portfolio management and let an 'expert' deal with the problem. For a variety of reasons we discuss in this book, we should resist the gut reaction to hire experts. We suggest that investors maintain direct control, or at least a thorough understanding, of how their hard-earned wealth is managed. Our book is meant to be an educational journey that slowly builds confidence in one's own ability to manage a portfolio. We end our book with a potential solution that could be applicable to a wide-variety of investors, from the ultra-high net worth to middle class individuals, all of whom are focused on similar goals of preserving and growing their capital over time. DIY Financial Advisor is a unique resource. This book is the only comprehensive guide to implementing simple quantitative models that can beat the experts. And it comes at the perfect time, as the investment industry is undergoing a significant shift due in part to the use of automated investment strategies that do not require a financial advisor's involvement. DIY Financial Advisor is an essential text that guides you in making your money work for you—not for someone else!

Getting Started in Value Investing - Charles S. Mizrahi 2011-01-07

An accessible introduction to the proven method of value investing. An ardent follower of Warren Buffett—the most high-profile value investor today—author Charles Mizrahi has long believed in the power of this proven approach. Now, with *Getting Started in Value Investing*, Mizrahi breaks down this successful strategy so that anyone can learn how to use it in his or her own investment endeavors. Written in a straightforward and accessible style, this book helps readers gain an overall understanding of the value approach to investing and presents statistics that reveal the overwhelming success of this approach through a variety of markets. Engaging and informative, *Getting Started in Value Investing* skillfully shows readers how to look for undervalued companies and provides them with the tools they need to succeed in today's markets. Charles S. Mizrahi (Brooklyn, NY) is Managing Partner of CGM Partners Fund LP. He is also editor of *Hidden Values Alert*, a monthly newsletter focused on value investing. Mizrahi has more than 25 years of investment experience and is frequently quoted in the press. Many of his articles appear online at gurufocus.com as well as on other financial sites.

Quantitative Value - Wesley R. Gray 2012-11-29

A must-read book on the quantitative value investment strategy. Warren Buffett and Ed Thorp represent two spectrums of investing: one value driven, one quantitative. Where they align is in their belief that the market is beatable. This book seeks to take the best aspects of value investing and quantitative investing as disciplines and apply them to a completely unique approach to stock selection. Such an approach has several advantages over pure value or pure quantitative investing. This new investing strategy framed by the book is known as quantitative value, a superior, market-beating method to investing in stocks.

Quantitative Value provides practical insights into an investment strategy that links the fundamental value investing philosophy of Warren Buffett with the quantitative value approach of Ed Thorp. It skillfully combines the best of Buffett and Ed Thorp—weaving their investment philosophies into a winning, market-beating investment strategy. First book to outline quantitative value strategies as they are practiced by actual market practitioners of the discipline Melds the probabilities and statistics used by quants such as Ed Thorp with the fundamental approaches to value investing as practiced by Warren Buffett and other leading value investors A companion Website contains supplementary material that allows you to learn in a hands-on fashion long after closing the book If you're looking to make the most of your time in today's markets, look no further than Quantitative Value.

Quantitative Value, + Web Site - Wesley R. Gray 2012-12-26

A must-read book on the quantitative value investment strategy Warren Buffett and Ed Thorp represent two spectrums of investing: one value driven, one quantitative. Where they align is in their belief that the market is beatable. This book seeks to take the best aspects of value investing and quantitative investing as disciplines and apply them to a completely unique approach to stock selection. Such an approach has several advantages over pure value or pure quantitative investing. This new investing strategy framed by the book is known as quantitative value, a superior, market-beating method to investing in stocks.

Quantitative Value provides practical insights into an investment strategy that links the fundamental value investing philosophy of Warren Buffett with the quantitative value approach of Ed Thorp. It skillfully combines the best of Buffett and Ed Thorp—weaving their investment philosophies into a winning, market-beating investment strategy. First book to outline quantitative value strategies as they are practiced by actual market practitioners of the discipline Melds the probabilities and statistics used by quants such as Ed Thorp with the fundamental approaches to value investing as practiced by Warren Buffett and other leading value investors A companion Website contains supplementary material that allows you to learn in a hands-on fashion long after closing the book If you're looking to make the most of your time in today's markets, look no further than Quantitative Value.

The SAGE Handbook of Online Research Methods - Nigel G Fielding 2016-09-30

Online research methods are popular, dynamic and fast-changing. Following on from the great success of the first edition, published in 2008, The SAGE Handbook of Online Research Methods, Second Edition offers both updates of existing subject areas and new chapters covering more recent developments, such as social media, big data, data visualization and CAQDAS. Bringing together the leading names in both qualitative and quantitative online research, this new edition is organised into nine sections: 1. Online Research Methods 2. Designing Online Research 3. Online Data Capture and Data Collection 4. The Online Survey 5. Digital Quantitative Analysis 6. Digital Text Analysis 7. Virtual Ethnography 8. Online Secondary Analysis: Resources and Methods 9. The Future of Online Social Research The SAGE Handbook of Online Research Methods, Second Edition is an essential resource for anyone interested in the contemporary practice of computer-mediated research and scholarship.

Exposing the Magic of Design - Jon Kolko 2011-03-07

Design synthesis is a way of thinking about complicated, multifaceted problems of a large scale with a repeatable degree of success. Design synthesis methods can be applied in business, with the goal of producing new and compelling products and services, and they can be applied in government, with the goal of changing culture and bettering society. In both contexts, however, there is a need for speed and for aggressive action. This text is immediately relevant, and is more relevant than ever, as we acknowledge and continually reference a feeling of an impending and massive change. Simply, this text is intended to act as a practitioner's guide to exposing the magic of design.

Practitioner's Guide to Statistics and Lean Six Sigma for Process Improvement - Mike J. Barry 2011-09-20

This hands-on book presents a complete understanding of SixSigma and Lean Six Sigma through data analysis and statisticalconcepts In today's business world, Six Sigma, or Lean Six Sigma, is acrucial tool utilized by companies to improve customersatisfaction, increase profitability, and enhance productivity.Practitioner's Guide to Statistics and Lean Six Sigma forProcess Improvements provides a balanced approach toquantitative and qualitative statistics using Six Sigma and LeanSix Sigma methodologies. Emphasizing applications and the implementation of data analysesas they relate to this

strategy for business management, this bookintroduces readers to the concepts and techniques for solvingproblems and improving managerial processes using Six Sigma andLean Six Sigma. Written by knowledgeable professionals working inthe field today, the book offers thorough coverage of thestatistical topics related to effective Six Sigma and Lean SixSigma practices, including: Discrete random variables and continuous random variables Sampling distributions Estimation and hypothesis tests Chi-square tests Analysis of variance Linear and multiple regression Measurement analysis Survey methods and sampling techniques The authors provide numerous opportunities for readers to testtheir understanding of the presented material, as the real datasets, which are incorporated into the treatment of each topic, canbe easily worked with using Microsoft Office Excel, Minitab,MindPro, or Oracle's Crystal Ball software packages. Examples ofsuccessful, complete Six Sigma and Lean Six Sigma projects aresupplied in many chapters along with extensive exercises that rangein level of complexity. The book is accompanied by an extensive FTPsite that features manuals for working with the discussed softwarepackages along with additional exercises and data sets. Inaddition, numerous screenshots and figures guide readers throughthe functional and visual methods of learning Six Sigma and LeanSix Sigma. Practitioner's Guide to Statistics and Lean Six Sigma forProcess Improvements is an excellent book for courses on SixSigma and statistical quality control at the upper-undergraduateand graduate levels. It is also a valuable reference forprofessionals in the fields of engineering, business, physics,management, and finance.

Shareplicity - Danielle Ecuyer 2022-01-01

Danielle Ecuyer has distilled her four-decades of global share market experience into this handy guide to investing in the share market. In Shareplicity, she takes the complexity out of share investing, explains concepts simply and in plain English, and provides go-to steps to start investing. With property prices continuing to climb to even more unaffordable levels, and interest on cash in the bank at all-time lows, more and more smart investors are looking at shares. And Shareplicity is a great place to learn about share investing, whether you are new to the markets or an existing investor. Here's why:& · *Shares have consistently produced above average long-term performance & · *You don't need large sums of capital to start investing in shares& · *There are no hassles or stress over debt and mortgages, no tenants and no maintenance costs as there are with property investing& · *There's potential for capital appreciation and income streams.Whether you're saving for a deposit, a holiday, the kids' education or a comfortable retirement, share investing offers the flexibility and ease for anyone at any age or stage in life.

Communi cat i ng Ri sks and Benefi t s - Baruch Fischhoff 2012-03-08

Effective risk communication is essential to the well-being of any organization and those people who depend on it. Ineffective communication can cost lives, money and reputations. Communicating Risks and Benefits: An Evidence-Based User's Guide provides the scientific foundations for effective communications. The book authoritatively summarizes the relevant research, draws out its implications for communication design, and provides practical ways to evaluate and improve communications for any decision involving risks and benefits. Topics include the communication of quantitative information and warnings, the roles of emotion and the news media, the effects of age and literacy, and tests of how well communications meet the organization's goals. The guide will help users in any organization, with any budget, to make the science of their communications as sound as the science that they are communicating.

Deep Value - Tobias E. Carlisle 2014-08-18

The economic climate is ripe for another golden age of shareholder activism Deep Value: Why Activist Investors and Other Contrarians Battle for Control of Losing Corporations is a must-read exploration of deep value investment strategy, describing the evolution of the theories of valuation and shareholder activism from Graham to Icahn and beyond. The book combines engaging anecdotes with industry research to illustrate the principles and methods of this complex strategy, and explains the reasoning behind seemingly incomprehensible activist maneuvers. Written by an active value investor, Deep Value provides an insider's perspective on shareholder activist strategies in a format accessible to both professional investors and laypeople. The Deep Value investment philosophy as described by Graham initially identified targets by their discount to liquidation value. This approach was extremely effective, but those opportunities are few and far between in the modern market, forcing activists to adapt. Current activists assess value from a much broader palate, and exploit a much wider range of tools to achieve their goals.

Deep Value enumerates and expands upon the resources and strategies available to value investors today, and describes how the economic climate is allowing value investing to re-emerge. Topics include: Target identification, and determining the most advantageous ends Strategies and tactics of effective activism Unseating management and fomenting change Eyeing conditions for the next M&A boom Activist hedge funds have been quiet since the early 2000s, but economic conditions, shareholder sentiment, and available opportunities are creating a fertile environment for another golden age of activism. Deep Value: Why Activist Investors and Other Contrarians Battle for Control of Losing Corporations provides the in-depth information investors need to get up to speed before getting left behind.

The Acquirer's Multiple Tobias E. Carlisle 2017-10-16

The Acquirer's Multiple: How the Billionaire Contrarians of Deep Value Beat the Market is an easy-to-read account of deep value investing. The book shows how investors Warren Buffett, Carl Icahn, David Einhorn and Dan Loeb got started and how they do it. Carlisle combines engaging stories with research and data to show how you can do it too. Written by an active value investor, The Acquirer's Multiple provides an insider's view on deep value investing. The Acquirer's Multiple covers: How the billionaire contrarians invest How Warren Buffett got started The history of activist hedge funds How to Beat the Little Book That Beats the Market A simple way to value stocks: The Acquirer's Multiple The secret to beating the market How Carl Icahn got started How David Einhorn and Dan Loeb got started The 9 rules of deep value The Acquirer's Multiple: How the Billionaire Contrarians of Deep Value Beat the Market provides a simple summary of the way deep value investors find stocks that beat the market.

Profit Driven Business Analytics Walter Verbeke 2017-09-22

Maximize profit and optimize decisions with advanced business analytics Profit-Driven Business Analytics provides actionable guidance on optimizing the use of data to add value and drive better business. Combining theoretical and technical insights into daily operations and long-term strategy, this book acts as a development manual for practitioners seeking to conceive, develop, and manage advanced analytical models. Detailed discussion delves into the wide range of analytical approaches and modeling techniques that can help maximize business payoff, and the author team draws upon their recent research to share deep insight about optimal strategy. Real-life case studies and examples illustrate these techniques at work, and provide clear guidance for implementation in your own organization. From step-by-step instruction on data handling, to analytical fine-tuning, to evaluating results, this guide provides invaluable guidance for practitioners seeking to reap the advantages of true business analytics. Despite widespread discussion surrounding the value of data in decision making, few businesses have adopted advanced analytic techniques in any meaningful way. This book shows you how to delve deeper into the data and discover what it can do for your business. Reinforce basic analytics to maximize profits Adopt the tools and techniques of successful integration Implement more advanced analytics with a value-centric approach Fine-tune analytical information to optimize business decisions Both data stored and streamed has been increasing at an exponential rate, and failing to use it to the fullest advantage equates to leaving money on the table. From bolstering current efforts to implementing a full-scale analytics initiative, the vast majority of businesses will see greater profit by applying advanced methods. Profit-Driven Business Analytics provides a practical guidebook and reference for adopting real business analytics techniques.

Quantitative Trading - Ernest P. Chan 2009

"While institutional traders continue to implement quantitative (or algorithmic) trading, many independent traders have wondered if they can still challenge powerful industry professionals at their own game? The answer is "yes," and in Quantitative Trading, Dr. Ernest Chan, a respected independent trader and consultant, will show you how. Whether you're an independent "retail" trader looking to start your own quantitative trading business or an individual who aspires to work as a quantitative trader at a major financial institution, this practical guide contains the information you need to succeed"--Resource description page.

The Coding Manual for Qualitative Researchers - Johnny Saldana 2012-10-04

The Second Edition of Johnny Saldaña's international bestseller provides an in-depth guide to the multiple approaches available for coding qualitative data. Fully up to date, it includes new chapters, more coding techniques and an additional glossary. Clear, practical and authoritative, the book: -describes how coding

initiates qualitative data analysis -demonstrates the writing of analytic memos -discusses available analytic software -suggests how best to use The Coding Manual for Qualitative Researchers for particular studies. In total, 32 coding methods are profiled that can be applied to a range of research genres from grounded theory to phenomenology to narrative inquiry. For each approach, Saldaña discusses the method's origins, a description of the method, practical applications, and a clearly illustrated example with analytic follow-up. A unique and invaluable reference for students, teachers, and practitioners of qualitative inquiry, this book is essential reading across the social sciences.

Quantitative Investment Analysis Richard A. DeFusco 2015-10-15

Your complete guide to quantitative analysis in the investment industry Quantitative Investment Analysis, Third Edition is a newly revised and updated text that presents you with a blend of theory and practice materials to guide you through the use of statistics within the context of finance and investment. With equal focus on theoretical concepts and their practical applications, this approachable resource offers features, such as learning outcome statements, that are targeted at helping you understand, retain, and apply the information you have learned. Throughout the text's chapters, you explore a wide range of topics, such as the time value of money, discounted cash flow applications, common probability distributions, sampling and estimation, hypothesis testing, and correlation and regression. Applying quantitative analysis to the investment process is an important task for investment pros and students. A reference that provides even subject matter treatment, consistent mathematical notation, and continuity in topic coverage will make the learning process easier—and will bolster your success. Explore the materials you need to apply quantitative analysis to finance and investment data—even if you have no previous knowledge of this subject area Access updated content that offers insight into the latest topics relevant to the field Consider a wide range of subject areas within the text, including chapters on multiple regression, issues in regression analysis, time-series analysis, and portfolio concepts Leverage supplemental materials, including the companion Workbook and Instructor's Manual, sold separately Quantitative Investment Analysis, Third Edition is a fundamental resource that covers the wide range of quantitative methods you need to know in order to apply quantitative analysis to the investment process.

Finding Alphas - Igor Tulchinsky 2015-08-28

Design more successful trading systems with this practical guide to identifying alphas Finding Alphas seeks to teach you how to do one thing and do it well: design alphas. Written by experienced practitioners from WorldQuant, including its founder and CEO Igor Tulchinsky, this book provides detailed insight into the alchemic art of generating trading signals, and gives you access to the tools you need to practice and explore. Equally applicable across regions, this practical guide provides you with methods for uncovering the hidden signals in your data. A collection of essays provides diverse viewpoints to show the similarities, as well as unique approaches, to alpha design, covering a wide variety of topics, ranging from abstract theory to concrete technical aspects. You'll learn the dos and don'ts of information research, fundamental analysis, statistical arbitrage, alpha diversity, and more, and then delve into more advanced areas and more complex designs. The companion website, www.worldquantchallenge.com, features alpha examples with formulas and explanations. Further, this book also provides practical guidance for using WorldQuant's online simulation tool WebSim® to get hands-on practice in alpha design. Alpha is an algorithm which trades financial securities. This book shows you the ins and outs of alpha design, with key insight from experienced practitioners. Learn the seven habits of highly effective quants Understand the key technical aspects of alpha design Use WebSim® to experiment and create more successful alphas Finding Alphas is the detailed, informative guide you need to start designing robust, successful alphas.

Quantitative Analytics in Debt Valuation & Management - Mark Guthner 2012-05-21

A breakthrough methodology for profiting in the high-yield and distressed debt market Global advances in technology give investors and asset managers more information at their fingertips than ever before. With Quantitative Analytics in Debt Valuation and Management, you can join the elite club of quantitative investors who know how to use that information to beat the market and their competitors. This powerful guide shows you how to sharpen your analytical process by considering valuable information hidden in the prices of related assets. Quantitative Analytics in Debt Valuation and Management reveals a progressive framework incorporating debt valuation based on the interrelationships among the equity, bond, and

options markets. Using this cutting-edge method in conjunction with traditional debt and equity analysis, you will reduce portfolio risk, find assets with the highest returns, and generate dramatically greater profits from your transactions. This book's "fat-free" presentation and easy-to-navigate format jump-starts busy professionals on their way to mastering proven techniques to: Determine the "equity risk" inherent in corporate debt to establish the causal relationship between a company's debt, equity, and asset values Price and analyze corporate debt in real time by going beyond traditional methods for computing capital requirements and anticipated losses Look with an insider's eye at risk management challenges facing banks, hedge funds, and other institutions operating with financial leverage Avoid the mistakes of other investors who contribute to the systemic risk in the financial system Additionally, you will be well prepared for the real world with the book's focus on practical application and clear case studies. Step-by-step, you will see how to improve bond pricing and hedge debt with equity, and how selected investment management strategies perform when the model is used to drive decision making.

Synthesizing Qualitative Evidence 2011

"Practitioners and patients are called upon to make numerous health care decisions and, in doing so, need to weigh various types of information before taking action. This information comes from a myriad of sources, including the results of well-designed research; information related to the preferences of patients/clients and their relevant others; the practitioner's own experiences; and the nature and norms of the setting and culture in which the care is being delivered. Methods to synthesize qualitative evidence are now emerging and this text examines the methodological bases to qualitative synthesis and describes the processes involved in the conduct of a rigorous synthesis of qualitative evidence, with a particular focus on Meta-Aggregation."--[source inconnue].

[A Guide to the Project Management Body of Knowledge \(PMBOK® Guide\) - Seventh Edition and The Standard for Project Management \(BRAZILIAN PORTUGUESE\)](#) - Project Management Institute Project Management Institute 2021-08-01

PMBOK® Guide is the go-to resource for project management practitioners. The project management profession has significantly evolved due to emerging technology, new approaches and rapid market changes. Reflecting this evolution, The Standard for Project Management enumerates 12 principles of project management and the PMBOK® Guide &- Seventh Edition is structured around eight project performance domains. This edition is designed to address practitioners' current and future needs and to help them be more proactive, innovative and nimble in enabling desired project outcomes. This edition of the PMBOK® Guide: • Reflects the full range of development approaches (predictive, adaptive, hybrid, etc.); • Provides an entire section devoted to tailoring the development approach and processes; • Includes an expanded list of models, methods, and artifacts; • Focuses on not just delivering project outputs but also enabling outcomes; and • Integrates with PMI standards™ for information and standards application content based on project type, development approach, and industry sector.

Algorithmic Trading Ernie Chan 2013-05-28

Praise for Algorithmic Trading "Algorithmic Trading is an insightful book on quantitative trading written by a seasoned practitioner. What sets this book apart from many others in the space is the emphasis on real examples as opposed to just theory. Concepts are not only described, they are brought to life with actual trading strategies, which give the reader insight into how and why each strategy was developed, how it was implemented, and even how it was coded. This book is a valuable resource for anyone looking to create their own systematic trading strategies and those involved in manager selection, where the knowledge contained in this book will lead to a more informed and nuanced conversation with managers." —DAREN SMITH, CFA, CAIA, FSA, President and Chief Investment Officer, University of Toronto Asset Management "Using an excellent selection of mean reversion and momentum strategies, Ernie explains the rationale behind each one, shows how to test it, how to improve it, and discusses implementation issues. His book is a careful, detailed exposition of the scientific method applied to strategy development. For serious retail traders, I know of no other book that provides this range of examples and level of detail. His discussions of how regime changes affect strategies, and of risk management, are invaluable bonuses." —Roger Hunter, Mathematician and Algorithmic Trader

A Practitioner's Guide to Factor Models 2019-01-01

[Distance Education for Teacher Training](#) - Hilary Perraton 2002-03-11

First published in 2002. Routledge is an imprint of Taylor & Francis, an informa company.

Inside the Black Box - Rishi K. Narang 2013-03-25

New edition of book that demystifies quant and algo trading In this updated edition of his bestselling book, Rishi K Narang offers in a straightforward, nontechnical style—supplemented by real-world examples and informative anecdotes—a reliable resource takes you on a detailed tour through the black box. He skillfully sheds light upon the work that quants do, lifting the veil of mystery around quantitative trading and allowing anyone interested in doing so to understand quants and their strategies. This new edition includes information on High Frequency Trading. Offers an update on the bestselling book for explaining in non-mathematical terms what quant and algo trading are and how they work Provides key information for investors to evaluate the best hedge fund investments Explains how quant strategies fit into a portfolio, why they are valuable, and how to evaluate a quant manager This new edition of Inside the Black Box explains quant investing without the jargon and goes a long way toward educating investment professionals.

[Value Investing](#) - Bruce C. Greenwald 2004-01-26

From the "guru to Wall Street's gurus" comes the fundamental techniques of value investing and their applications Bruce Greenwald is one of the leading authorities on value investing. Some of the savviest people on Wall Street have taken his Columbia Business School executive education course on the subject. Now this dynamic and popular teacher, with some colleagues, reveals the fundamental principles of value investing, the one investment technique that has proven itself consistently over time. After covering general techniques of value investing, the book proceeds to illustrate their applications through profiles of Warren Buffett, Michael Price, Mario Gabellio, and other successful value investors. A number of case studies highlight the techniques in practice. Bruce C. N. Greenwald (New York, NY) is the Robert Heilbrunn Professor of Finance and Asset Management at Columbia University. Judd Kahn, PhD (New York, NY), is a member of Morningside Value Investors. Paul D. Sonkin (New York, NY) is the investment manager of the Hummingbird Value Fund. Michael van Biema (New York, NY) is an Assistant Professor at the Graduate School of Business, Columbia University.

[Bus Rapid Transit Practitioner's Guide](#) - Kittelson & Associates 2007

Introduction -- Planning framework -- Estimating BRT ridership -- Component features, costs, and impacts -- System packaging, integration, and assessment -- Land development guidelines.

[Educational Research](#) - R. Burke Johnson 2016-09-15

Assuming no prior knowledge, Educational Research by R. Burke Johnson and Larry Christensen offers a comprehensive, easily digestible introductory research methods text for undergraduate and graduate students. Readers will develop an understanding of the multiple research methods and strategies used in education and related fields; how to read and critically evaluate published research; and the ability to write a proposal, construct a questionnaire, and conduct an empirical research study on their own. Students rave about the clarity of this best seller and its usefulness for their studies, enabling them to become critical consumers and users of research.

The Matching Law - Richard J. Herrnstein 1997

This impressive collection features Richard Herrnstein's most important and original contributions to the social and behavioral sciences--his papers on choice behavior in animals and humans and on his discovery and elucidation of a general principle of choice called the matching law. In recent years, the most popular theory of choice behavior has been rational choice theory. Developed and elaborated by economists over the past hundred years, it claims that individuals make choices in such a way as to maximize their well-being or utility under whatever constraints they face; that is, people make the best of their situations. Rational choice theory holds undisputed sway in economics, and has become an important explanatory framework in political science, sociology, and psychology. Nevertheless, its empirical support is thin. The matching law is perhaps the most important competing explanatory account of choice behavior. It views choice not as a single event or an internal process of the organism but as a rate of observable events over time. It states that instead of maximizing utility, the organism allocates its behavior over various activities in exact proportion to the value derived from each activity. It differs subtly but significantly from rational choice theory in its predictions of how people exert self-control, for example, how they decide whether to

forgo immediate pleasures for larger but delayed rewards. It provides, through the primrose path hypothesis, a powerful explanation of alcohol and narcotic addiction. It can also be used to explain biological phenomena, such as genetic selection and foraging behavior, as well as economic decision making.

Fixed Income Finance: A Quantitative Approach - Mark Wise 2010-01-13

A complete guide for professionals with advanced mathematical skills but little or no financial knowledge . . . You're smart. Logical. Mathematically adept. One of those people who can make quick work of long, difficult equations. But when it comes to managing a financial portfolio and managing risk, you wonder if you're missing out. Fixed Income Finance is the book for you. It's the perfect introduction to the concepts, formulas, applications, and methodology, all derived from first principles, that you need to succeed in the world of quantitative finance—with a special emphasis on fixed incomes. Written by two of the sharpest analytical minds in their fields, this instructive guide takes you through the basics of fixed income finance, including many new and original results, to help you understand: Treasury Bonds and the Yield Curve The Macroeconomics behind Term Structure Models Structural Models for Corporate Bonds and Portfolio Diversification Options Fixed Income Derivatives Numerical Techniques Filled with step-by-step equations, clear and concise concepts, and ready-to-use formulas, this essential workbook bridges the gap between basic beginners' primers and more advanced surveys to provide hands-on tools you can begin to use immediately. It's all you need to put your math skills to work— and make the money work for you. Brilliantly researched, impeccably detailed, and thoroughly comprehensive, Fixed Income Finance is applied mathematics at its best and most useful.

Interest Rate Swaps and Their Derivatives - Amir Sadr 2009-09-09

An up-to-date look at the evolution of interest rate swaps and derivatives Interest Rate Swaps and Derivatives bridges the gap between the theory of these instruments and their actual use in day-to-day life. This comprehensive guide covers the main "rates" products, including swaps, options (cap/floors, swaptions), CMS products, and Bermudan callables. It also covers the main valuation techniques for the exotics/structured-notes area, which remains one of the most challenging parts of the market. Provides a balance of relevant theory and real-world trading instruments for rate swaps and swap derivatives Uses simple settings and illustrations to reveal key results Written by an experienced trader who has worked with swaps, options, and exotics With this book, author Amir Sadr shares his valuable insights with

practitioners in the field of interest rate derivatives—from traders and marketers to those in operations.

Principles of Quantitative Equity Investing - Sugata Ray 2015-05-30

In Principles of Quantitative Equity Investing, pioneering financial researcher Dr. Sugata Ray demonstrates how to invest successfully in US equities with quantitative strategies, using rigorous rule sets to decide when and what to trade. Whether you're a serious investor, professional advisor, or student of finance, Ray will help you determine the optimal quantitative rules for your investing objectives, and then "backtest" their performance through any historical time period. He demonstrates each key technique using state-of-the-art Equities Lab software — and this book comes with 20 weeks of free access to Equities Lab, plus a discount on its purchase. Ray covers key topics including stock screening, portfolio rebalancing, market timing, returns and dividends, benchmarks, bespoke measures, and more. He also presents a series of powerful screens built by many of the world's most successful investors. Together, this guidebook and software combine to offer a turnkey solution for creating virtually any quantitative strategy, and then accurately estimating its performance and risk characteristics — helping you systematically maximize your profits and control your risk.

The Future of Nursing - Institute of Medicine 2011-02-08

The Future of Nursing explores how nurses' roles, responsibilities, and education should change significantly to meet the increased demand for care that will be created by health care reform and to advance improvements in America's increasingly complex health system. At more than 3 million in number, nurses make up the single largest segment of the health care work force. They also spend the greatest amount of time in delivering patient care as a profession. Nurses therefore have valuable insights and unique abilities to contribute as partners with other health care professionals in improving the quality and safety of care as envisioned in the Affordable Care Act (ACA) enacted this year. Nurses should be fully engaged with other health professionals and assume leadership roles in redesigning care in the United States. To ensure its members are well-prepared, the profession should institute residency training for nurses, increase the percentage of nurses who attain a bachelor's degree to 80 percent by 2020, and double the number who pursue doctorates. Furthermore, regulatory and institutional obstacles -- including limits on nurses' scope of practice -- should be removed so that the health system can reap the full benefit of nurses' training, skills, and knowledge in patient care. In this book, the Institute of Medicine makes recommendations for an action-oriented blueprint for the future of nursing.