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**Quantitative Techniques** *Quantitative Techniques* Quantitative Techniques **Quantitative Methods** **Quantitative Techniques** **Application of Quantitative Techniques for the Prediction of Bank Acquisition Targets** **A Textbook of Quantitative Techniques** **Interpreting Quantitative Data** **Quantitative Methods for Finance and Investments** **Integrating Qualitative and Quantitative Methods** Quantitative Techniques for Decision Making Practical Social Investigation **The SAGE Encyclopedia of Social Science Research Methods** *Quantitative Techniques in Participatory Forest Management* The Oxford Handbook of Quantitative Methods, Vol. 2: Statistical Analysis **International Journal of Development Research and Quantitative Technique: Vol.1, No.1** The Oxford Handbook of Quantitative Methods *Quantitative Methods in Social Science Research* **New Trends in Qualitative and Quantitative Methods in Libraries** New Trends in Qualitative and Quantitative Methods in Libraries **Research Methodologies in Supply Chain Management** Quantitative Methods for Conservation Biology *Doing Quantitative Research in Education with SPSS* **The Reviewer's Guide to Quantitative Methods in the Social Sciences** **Approaches to Human Geography** *Quantitative Methods in Reservoir Engineering* *Market Risk Analysis, Quantitative Methods in Finance* *Making History Count* **Handbook of Quantitative Methods for Educational Research** **Resources for Nursing Research** **Health Science Research** *Best Practices in Green Supply Chain Management* *Contrast Echocardiography in Clinical Practice* *Quantitative Methods to Assess Capacity of Water Treatment to Eliminate Micro-Organisms* *Quantitative Methods in Derivatives Pricing* Social Research Methods **Qualitative and Quantitative Methods in Libraries** Service-Learning in Higher Education Best Practices in Quantitative Methods Research Methods for Political Science

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**Resources for Nursing Research** May 06 2020 "The 4th edition of this extensive text is an outstanding resource prepared by nurses (and a librarian) for nurses. In a structured and helpful style it presents thousands of items from the literature - published papers, reports, books and electronic resources - as a clear, accessible, and most of all useful collection. The efforts to signpost and lead the reader to the sought-for information are effective and well-conceived, and the "How to use this book" section is remarkably simple...the book should be found in every nursing and health library, every research institute and centre, and close to many career researchers' desks' - RCN Research This latest edition of **Resources for Nursing Research** provides a comprehensive bibliography of sources on nursing research, and includes references for books, journal papers and Internet resources. Designed to act as a 'signpost' to available literature in the area, this Fourth Edition covers the disciplines of nursing, health care and the social sciences. Entries are concise, informative and accessible, and are arranged under three main sections: · 'Sources of Literature' covers the process of literature searching, including using libraries and other tools for accessing literature · 'Methods of Inquiry' includes an introduction to research, how to conceptualize and design nursing and health research, measurement and data collection, and the interpretation and presentation of data · 'The Background to Research in Nursing' encompasses the development of nursing research; the profession's responsibilities; the role of government; funding; research roles and careers; and education for research. Fully revised and updated, the Fourth Edition includes just under 3000 entries, of which 90% are new. It has extensive coverage of US, UK literature and other international resources. This new edition will be an essential guide for all those with an interest in nursing research, including students, teachers, librarians, practitioners and researchers.

Social Research Methods Oct 30 2019 Bringing together many of the core classic and contemporary works in social and cultural research methods, this book gives students direct access to methodological debates and examples of practical research across the qualitative/quantitative divide. The book is designed to be used both as a collection of readings and as an introductory research methods book in its own right. Topics covered include: research methodology research design, data collection and preparation analyzing data mixing qualitative and quantitative methods validity and reliability methodological critique: postmodernism, post-structuralism and critical ethnography political and ethical aspects of research philosophy of social science reporting research. Each section is preceded by a short introduction placing the readings in context. This reader-text also includes features such as discussion questions and practical exercises.

*Market Risk Analysis, Quantitative Methods in Finance* Aug 09 2020 Written by leading market risk academic, Professor Carol Alexander, **Quantitative Methods in Finance** forms part one of the **Market Risk Analysis** four volume set. Starting from the basics, this book helps readers to take the first step towards becoming a properly qualified financial risk manager and asset manager, roles that are currently in huge demand. Accessible to intelligent readers with a moderate understanding of mathematics at high school level or to anyone with a university degree in mathematics, physics or engineering, no prior knowledge of finance is necessary. Instead the emphasis is on understanding ideas rather than on mathematical rigour, meaning that this book offers a fast-track introduction to financial analysis for readers with some quantitative background, highlighting those areas of mathematics that are particularly relevant to solving problems in financial risk management and asset management. Unique to this book is a focus on both continuous and discrete time finance so that **Quantitative Methods in Finance** is not only about the application of mathematics to finance; it also explains, in very pedagogical terms, how the continuous time and discrete time finance disciplines meet, providing a comprehensive, highly accessible guide which will provide readers with the tools to start applying their knowledge immediately. All together, the **Market Risk Analysis** four volume set illustrates virtually every concept or formula with a practical, numerical example or a longer, empirical case study. Across all four volumes there are approximately 300 numerical and empirical examples, 400 graphs and figures and 30 case studies many of which are contained in interactive Excel spreadsheets available from the accompanying CD-ROM . Empirical examples and case studies specific to this volume include: Principal component analysis of European equity indices; Calibration of Student t distribution by maximum likelihood; Orthogonal regression and estimation of equity factor models; Simulations of geometric Brownian motion, and of correlated Student t variables; Pricing European and American options with binomial trees, and European options with the Black-Scholes-Merton formula; Cubic spline fitting of yields curves and implied volatilities; Solution of Markowitz problem

with no short sales and other constraints; Calculation of risk adjusted performance metrics including generalised Sharpe ratio, omega and kappa indices.

*Quantitative Methods in Social Science Research* May 18 2021 This clever scheme builds on Gorard's previous book, *Quantitative Methods in Educational Research*. He has revised the original book in the light of experience and feedback, and has reworked it so that it includes more social science examples. Four chapters are entirely new.

*Quantitative Methods to Assess Capacity of Water Treatment to Eliminate Micro-Organisms* Jan 02 2020 Special Offer: KWR Drinking Water Treatment Set - Buy all five books together and save a total £119! Ever since the recognition of the important role of water in the transmission of pathogenic micro-organisms in the 19th century, microbiological safety of drinking water has been a major research issue for microbiologists in the drinking water industry. The main objective of this book is to develop a general strategy to assess elimination capacity of water treatment processes for pathogens. It investigates: The potential use of faecal indicators Coli44, (including *E. coli*) and SSRC, (including *C. perfringens*) as process indicators to assess pathogen elimination in full-scale water treatment plants. The value of comparative challenge tests with pre-cultured organisms for the assessment of elimination capacity of full-scale processes, to study the effect of process conditions and to validate the use of process indicators. The use of literature data to assess elimination capacity of water treatment processes for pathogens and the effect of process conditions on this. Visit the IWA WaterWiki to read and share material related to this title:

<http://www.iwawaterwiki.org/xwiki/bin/view/Articles/WaterbornePathogens>

*Practical Social Investigation* Nov 23 2021 *Practical Social Investigation* provides, within a single text, an introduction to a wide range of both long-standing and newer social research methods. Its balanced and integrated coverage of qualitative and quantitative approaches demonstrates that they can be complementary. While research practice is emphasised, readers are encouraged to reflect on methodological issues as well as being provided with tools for their own research. This coherent, accessibly written book draws upon the authors' extensive experience of conducting research and teaching research methods. Numerous examples, based on real research studies, illustrate key issues in a way that acknowledges both the messiness and the creativity of social research.

**The SAGE Encyclopedia of Social Science Research Methods** Oct 23 2021 "The first encyclopedia to cover inclusively both quantitative and qualitative research approaches, this set provides clear explanations of 1,000 methodologies, avoiding mathematical equations when possible with liberal cross-referencing and bibliographies. Each volume includes a list of works cited, and the third contains a comprehensive index and lists of person names, organizations, books, tests, software, major concepts, surveys, and methodologies."--"Reference that rocks," American Libraries, May 2005.

*Quantitative Techniques* Oct 03 2022 *Quantitative Techniques: Theory and Problems* adopts a fresh and novel approach to the study of quantitative techniques, and provides a comprehensive coverage of the subject. Essentially designed for extensive practice and self-study, this book will serve as a tutor at home. Chapters contain theory in brief, numerous solved examples and exercises with exhibits and tables.

**Approaches to Human Geography** Oct 11 2020 "The book covers some of the (traditionally) most obtuse and difficult-to-grasp philosophical ideas that have influenced geographers/geography. The fact that these are presented in an inclusive and accessible manner is a key strength. Many students have commented that the chapters they have read have encouraged them to read more in this field, which is fantastic from a lecturer's perspective." - Richard White, Sheffield Hallam University A new edition of the classic *Approaches* text for students, organised in three sections, which overviews and explains the history and philosophy of Human Geographies in all its applications by those who practise it: Section One – Philosophies: Positivist Geography / Humanism / Feminist Geographies / Marxisms / Structuration Theory / Human Animal / Realism / Postmodern Geographies/ Poststructuralist Theories / Actor-Network Theory, / Postcolonialism / Geohumanities / Technologies Section Two – People: Institutions and Cultures / Places and Contexts / Memories and Desires / Understanding Place / Personal and Political / Becoming a Geographer / Movement and Encounter / Spaces and Flows / Places as Thoughts Section Three – Practices: Mapping and Geovisualization / Quantification, Evidence, and Positivism / Geographic Information Systems / Humanism / Activism / Feminist Geographies / Poststructuralist Theories / Psychoanalysis / Environmental Inquiry / Contested Geographies and Culture Wars Fully updated throughout and with eight brand new chapters - this is the core text for modules on history, theory, and practice in Human Geography.

**Research Methodologies in Supply Chain Management** Feb 12 2021 For research in all subjects and among different philosophical paradigms, research methodologies form one of the key issues to rely on. This volume brings a series of papers together, which present different research methodologies as applied in supply chain management. This comprises review oriented papers that look at what kind of methodologies have been applied, as well as methodological papers discussing new developments needed to successfully conduct research in supply chain management. The third group is made up of applications of the respective methodologies, which serve as examples on how the different methodological approaches can be applied. All papers have undergone a review process to ensure their quality. Therefore, we hope that this book will serve as a valid source for current and future researchers in the field. While the workshop on "Research Methodologies in Supply Chain Management" took place at the Supply Chain Management Center, Carl von Ossietzky University in Oldenburg, Germany, it is based on a collaboration with the Supply Chain Management Group of the Department of Operations Management at the Copenhagen Business School and the Department of Production Management at the Vienna University of Economics and Business Administration. We would like to thank all those who contributed to the workshop and this book.

**A Textbook of Quantitative Techniques** Apr 28 2022

**New Trends in Qualitative and Quantitative Methods in Libraries** Apr 16 2021 An Autodesk Official Press guide to the powerful mechanical design software Autodesk Inventor has been used to design everything from cars and airplanes to appliances and furniture. This comprehensive guide to Inventor and Inventor LT features real-world workflows and work environments, and is packed with practical tutorials that focus on teaching Inventor tips, tricks, and techniques. Additionally, you can download datasets to jump in and practice on any exercise. This reference and tutorial explains key interface conventions, capabilities, tools, and techniques, including design concepts and application, parts design, assemblies and subassemblies, weldment design, and the use of Design Accelerators and Design Calculators. There's also detailed coverage of design tactics for large assemblies, effective model design for various industries, strategies for effective data and asset sharing, using 2D and 3D data from other CAD systems, and improving designs by incorporating engineering principles. Uses real-world sample projects so you can quickly grasp the interface, tools, and processes Features detailed documentation on everything from project set up to simple animations and documentation for exploded views, sheet metal flat patterns, plastic part design, and more Covers crucial productivity-boosting tools, iLogic, data exchange, the Frame Generator, Inventor Studio visualization tools, dynamic simulation and stress analysis features, and routed systems features Downloadable datasets let you jump into the step-by-step tutorials anywhere Mastering Autodesk Inventor and Autodesk Inventor LT is the essential, comprehensive training guide for this powerful software.

*Doing Quantitative Research in Education with SPSS* Dec 13 2020 This accessible and authoritative introduction is essential for education students and researchers needing to use quantitative methods for the first time. Using datasets from real-life educational research and avoiding

the use of mathematical formulae, the author guides students through the essential techniques that they will need to know, explaining each procedure using the latest version of SPSS. The datasets can also be downloaded from the book's website, enabling students to practice the techniques for themselves. This revised and updated second edition now also includes more advanced methods such as log linear analysis, logistic regression, and canonical correlation. Written specifically for those with no prior experience of quantitative research, this book is ideal for education students and researchers in this field.

*Quantitative Methods in Derivatives Pricing* Dec 01 2019 This book presents a cogent description of the main methodologies used in derivatives pricing. Starting with a summary of the elements of Stochastic Calculus, *Quantitative Methods in Derivatives Pricing* develops the fundamental tools of financial engineering, such as scenario generation, simulation for European instruments, simulation for American instruments, and finite differences in an intuitive and practical manner, with an abundance of practical examples and case studies. Intended primarily as an introductory graduate textbook in computational finance, this book will also serve as a reference for practitioners seeking basic information on alternative pricing methodologies. Domingo Tavella is President of Octanti Associates, a consulting firm in risk management and financial systems design. He is the founder and chief editor of the *Journal of Computational Finance* and has pioneered the application of advanced numerical techniques in pricing and risk analysis in the financial and insurance industries. Tavella coauthored *Pricing Financial Instruments: The Finite Difference Method*. He holds a PhD in aeronautical engineering from Stanford University and an MBA in finance from the University of California at Berkeley.

**Handbook of Quantitative Methods for Educational Research** Jun 06 2020 As part of their research activities, researchers in all areas of education develop measuring instruments, design and conduct experiments and surveys, and analyze data resulting from these activities. Educational research has a strong tradition of employing state-of-the-art statistical and psychometric (psychological measurement) techniques. Commonly referred to as quantitative methods, these techniques cover a range of statistical tests and tools. Quantitative research is essentially about collecting numerical data to explain a particular phenomenon of interest. Over the years, many methods and models have been developed to address the increasingly complex issues that educational researchers seek to address. This handbook serves to act as a reference for educational researchers and practitioners who desire to acquire knowledge and skills in quantitative methods for data analysis or to obtain deeper insights from published works. Written by experienced researchers and educators, each chapter in this handbook covers a methodological topic with attention paid to the theory, procedures, and the challenges on the use of that particular methodology. It is hoped that readers will come away from each chapter with a greater understanding of the methodology being addressed as well as an understanding of the directions for future developments within that methodological area.

*Quantitative Methods in Reservoir Engineering* Sep 09 2020 *Quantitative Methods in Reservoir Engineering, Second Edition*, brings together the critical aspects of the industry to create more accurate models and better financial forecasts for oil and gas assets. Updated to cover more practical applications related to intelligent infill drilling, optimized well pattern arrangement, water flooding with modern wells, and multiphase flow, this new edition helps reservoir engineers better lay the mathematical foundations for analytical or semi-analytical methods in today's more difficult reservoir engineering applications. Authored by a worldwide expert on computational flow modeling, this reference integrates current mathematical methods to aid in understanding more complex well systems and ultimately guides the engineer to choose the most profitable well path. The book delivers a valuable tool that will keep reservoir engineers up-to-speed in this fast-paced sector of the oil and gas market. Stay competitive with new content on unconventional reservoir simulation Get updated with new material on formation testing and flow simulation for complex well systems and paths Apply methods derived from real-world case studies and calculation examples

New Trends in Qualitative and Quantitative Methods in Libraries Mar 16 2021 This unique volume presents the latest scientific achievements of library researchers and professionals on the Qualitative and Quantitative Methods of Libraries. Scholars and professionals have now an information resource on methodological tools for library services. Except for the new technologies that facilitate the innovation of libraries, it is the underlying policy and functional changes that have the most lasting effect on the scholarly operation that explains why this volume is important in the field or market. It also explores in detail the areas covering library methodologies, marketing and management, statistics and bibliometrics, content and subject analysis, users' behaviors and library policies that play an important role at every aspect of library research in the twenty-first century. Contents: Assessing and Evaluating Reference: Views from the Academic Library Reference Desk Quantitative and Qualitative Methods in Library Marketing and Management: A Practical Approach Using Qualitative and Quantitative Methods in Digital Library Education and Research Library and Information Science Post-Graduate Student Research Users and Their Behaviours Academic Libraries Digital Libraries Library Applications and Methodologies Information and Learning Readership: Students, researchers, professors, library directors and professionals in library and information science. Keywords: Library Measurement and Metrics; Library Statistics; Qualitative Methods; Quantitative Methods; Library Management; Library Marketing; Information Management; Digital Libraries; Academic Libraries; Public Libraries; Institutional Repositories; Bibliometrics Key Features: Integrating the various disciplines of Qualitative and Quantitative Methods in Libraries, the book adopts a conceptual framework that integrates the process of organizing information and the application of the methods Research papers and applications from all over the world It is a basis for teaching and research, for practical projects and further possible collaborations

**Quantitative Techniques** Nov 04 2022 This text is designed to provide an understanding of quantitative techniques, this manual is suitable for students on IComA, ACCA, CIMA, CIPFA, ICOSA, IDPM, BA Business Studies and BTEC higher level courses. It contains self-review questions and longer examination answers. A lecturers' support pack is included.

**Quantitative Techniques** Jun 30 2022 The tools of Quantitative Techniques are essential for every Commerce and Management student of the modern business world. This book is designed according to the syllabus of MBA/PGDBA course students.

**Interpreting Quantitative Data** Mar 28 2022 How do quantitative methods help us to acquire knowledge of the real world? What are the 'do's' and 'don'ts' of effective quantitative research? This refreshing and accessible book provides students with a novel and useful resource for doing quantitative research. It offers students a guide on how to: interpret the complex reality of the social world; achieve effective measurement; understand the use of official statistics; use social surveys; understand probability and quantitative reasoning; interpret measurements; apply linear modelling; understand simulation and neural nets; and integrate quantitative and qualitative modelling in the research process. Jargon-free and written with the needs of students in mind, the book will be required reading for students interested in using quantitative research methods.

**The Reviewer's Guide to Quantitative Methods in the Social Sciences** Nov 11 2020 Designed for reviewers of research manuscripts and proposals in the social and behavioral sciences, and beyond, this title includes chapters that address traditional and emerging quantitative methods of data analysis.

Quantitative Techniques for Decision Making Dec 25 2021

Service-Learning in Higher Education Aug 28 2019 This book emerges from the discourse of the Third International Symposium on Service-Learning held at the University of Indianapolis in Athens, Greece, in November 2009 as part of the biennial collection of papers on service-

learning. This fourth collection highlights service-learning (SL) theories and methods in higher education, presents selected case studies of local projects that exemplify the theories and methods in action, and points the way toward future possibilities for international partnerships. Part One demonstrates how practitioners have translated SL theory into model programs of best practices. Part Two examines nationally based SL experiences that enrich indigenous local communities, national communities, and teaching institutions. Part Three explores international SL (ISL) programs with their unique reciprocal national relationships, hybrid methodologies, and site-specific challenges. Part Four covers networking national SL settings to international venues while forecasting SL concepts that span academic disciplines and geographic distances. The selected papers in this collection were contributed by educators in twenty-three universities in four countries.

*Contrast Echocardiography in Clinical Practice* Feb 01 2020 Echocardiography has now reached its maturity and plays a key role in the clinical assessment of cardiac function. However, its ability to assess myocardial perfusion remains a clinical challenge. Myocardial contrast echocardiography is a technique that uses microbubbles. These microbubbles remain entirely within the intravascular space and their presence in any myocardial region denotes the status of microvascular perfusion within that region. During the last few years, a large number of research studies have been dedicated to this topic. The latest developments in echocardiographic techniques and second-generation contrast agents allow for the potential assessment of myocardial perfusion and provide an accurate endocardial border delineation. In the present book, these new echocardiographic techniques dedicated to the assessment of myocardial perfusion are described in detail by experts from both sides of the Atlantic. Tips and tricks are included, explaining the basic concepts that are needed to understand and perform contrast echocardiography.

*Quantitative Methods for Conservation Biology* Jan 14 2021 Quantitative methods are needed in conservation biology more than ever as an increasing number of threatened species find their way onto international and national “red lists.” Objective evaluation of population decline and extinction probability are required for sound decision making. Yet, as our colleague Selina Heppell points out, population viability analysis and other forms of formal risk assessment are underused in policy formation because of data uncertainty and a lack of standardized methodologies and unambiguous criteria (i. e. , “rules of thumb”). Models used in conservation biology range from those that are purely heuristic to some that are highly predictive. Model selection should be dependent on the questions being asked and the data that are available. We need to develop a toolbox of quantitative methods that can help scientists and managers with a wide range of systems and that are subject to varying levels of data uncertainty and environmental variability. The methods outlined in the following chapters represent many of the tools needed to fill that toolbox. When used in conjunction with adaptive management, they should provide information for improved monitoring, risk assessment, and evaluation of management alternatives. The first two chapters describe the application of methods for detecting trends and extinctions from sighting data. Presence/absence data are used in general linear and additive models in Chapters 3 and 4 to predict the extinction proneness of birds and to build habitat models for plants.

**Application of Quantitative Techniques for the Prediction of Bank Acquisition Targets** May 30 2022

*Quantitative Techniques in Participatory Forest Management* Sep 21 2021 Forest management has evolved from a mercantilist view to a multi-functional one that integrates economic, social, and ecological aspects. However, the issue of sustainability is not yet resolved. *Quantitative Techniques in Participatory Forest Management* brings together global research in three areas of application: inventory of the forest variables that determine the main environmental indices, description and design of new environmental indices, and the application of sustainability indices for regional implementations. All these quantitative techniques create the basis for the development of scientific methodologies of participatory sustainable forest management.

*The Oxford Handbook of Quantitative Methods, Vol. 2: Statistical Analysis* Aug 21 2021 Research today demands the application of sophisticated and powerful research tools. Fulfilling this need, *The Oxford Handbook of Quantitative Methods* is the complete tool box to deliver the most valid and generalizable answers to today's complex research questions. It is a one-stop source for learning and reviewing current best-practices in quantitative methods as practiced in the social, behavioral, and educational sciences. Comprising two volumes, this handbook covers a wealth of topics related to quantitative research methods. It begins with essential philosophical and ethical issues related to science and quantitative research. It then addresses core measurement topics before delving into the design of studies. Principal issues related to modern estimation and mathematical modeling are also detailed. Topics in the handbook then segway into the realm of statistical inference and modeling with chapters dedicated to classical approaches as well as modern latent variable approaches. Numerous chapters associated with longitudinal data and more specialized techniques round out this broad selection of topics. Comprehensive, authoritative, and user-friendly, this two-volume set will be an indispensable resource for serious researchers across the social, behavioral, and educational sciences.

**International Journal of Development Research and Quantitative Technique: Vol.1, No.1** Jul 20 2021

*Best Practices in Quantitative Methods* Jul 28 2019 The contributors to *Best Practices in Quantitative Methods* envision quantitative methods in the 21st century, identify the best practices, and, where possible, demonstrate the superiority of their recommendations empirically. Editor Jason W. Osborne designed this book with the goal of providing readers with the most effective, evidence-based, modern quantitative methods and quantitative data analysis across the social and behavioral sciences. The text is divided into five main sections covering select best practices in Measurement, Research Design, Basics of Data Analysis, Quantitative Methods, and Advanced Quantitative Methods. Each chapter contains a current and expansive review of the literature, a case for best practices in terms of method, outcomes, inferences, etc., and broad-ranging examples along with any empirical evidence to show why certain techniques are better. Key Features: Describes important implicit knowledge to readers: The chapters in this volume explain the important details of seemingly mundane aspects of quantitative research, making them accessible to readers and demonstrating why it is important to pay attention to these details. Compares and contrasts analytic techniques: The book examines instances where there are multiple options for doing things, and make recommendations as to what is the “best” choice—or choices, as what is best often depends on the circumstances. Offers new procedures to update and explicate traditional techniques: The featured scholars present and explain new options for data analysis, discussing the advantages and disadvantages of the new procedures in depth, describing how to perform them, and demonstrating their use. Intended Audience: Representing the vanguard of research methods for the 21st century, this book is an invaluable resource for graduate students and researchers who want a comprehensive, authoritative resource for practical and sound advice from leading experts in quantitative methods.

**Quantitative Methods for Finance and Investments** Feb 24 2022 *Quantitative Methods for Finance and Investments* ensures that readers come away from reading it with a reasonable degree of comfort and proficiency in applying elementary mathematics to several types of financial analysis. All of the methodology in this book is geared toward the development, implementation, and analysis of financial models to solve financial problems.

*Making History Count* Jul 08 2020 *Making History Count* introduces the main quantitative methods used in historical research. The emphasis is on intuitive understanding and application of the concepts, rather than formal statistics; no knowledge of mathematics beyond simple arithmetic is required. The techniques are illustrated by applications in social, political, demographic and economic history. Students will learn to read and evaluate the application of the quantitative methods used in many books and articles, and to assess the historical conclusions drawn

from them. They will also see how quantitative techniques can open up new aspects of an enquiry, and supplement and strengthen other methods of research. This textbook will encourage students to recognize the benefits of using quantitative methods in their own research projects. The text is clearly illustrated with tables, graphs and diagrams, leading the student through key topics. Additional support includes five specific historical data-sets, available from the Cambridge website.

The Oxford Handbook of Quantitative Methods Jun 18 2021 This two-volume handbook on current best-practices in quantitative methods as practiced in the social, behavioral, and educational sciences covers philosophical and ethical issues, theory construction, model building and types of models, survey and experiment design, measurement issues, observational methods, statistical methods, types of analysis, types of data, and common research fallacies.

**Health Science Research** Apr 04 2020 This is an excellent book, which will be of value to all those health professionals seeking to demystify the sometimes intimidating area of research. Well organised, comprehensive, and clearly written, it is indeed a 'handbook'; it has a clear, step by step approach with many practical examples. It is suitable for researchers across the range of health disciplines, and the authors are to be congratulated for what will become an important resource. Professor Frank Oberklaid, Director, Centre for Community Child Health University of Melbourne/Royal Children's Hospital This book will clearly be a great help to young, and to some extent, experienced research workers focusing on epidemiological and clinical questions framed either in terms of the broad community or patient groups. I recommend it warmly. Professor Stephen Leeder, Dean, Faculty of Medicine, University of Sydney High quality clinical research is a cornerstone of effective health care and much good research is undertaken by clinicians. Yet many of the resources available on research methods are highly theoretical and inaccessible. Written in a user-friendly style by a team of experienced clinical researchers, Health Science Research guides readers through the fundamentals of clinical inquiry. It outlines the steps needed to plan a study, recruit and select subjects, gather and analyse data, and report on results. The authors also explain how to deal ethically with interviewees, and how to prepare a grant application. Health Science Research is an indispensable guide for anyone who needs to undertake a clinical study, including physicians, nurses, allied health workers, scientists and research assistants. Jennifer Peat is Hospital Statistician in the Clinical Epidemiology Unit at the New Children's Hospital, Westmead, and Associate Professor in the Department of Paediatrics and Child Health at the University of Sydney. Katrina Williams and Professor Craig Mellis are from the same Hospital and Department, and Wei Xuan is from the Department of Medicine, University of Sydney.

Research Methods for Political Science Jun 26 2019 This comprehensive text is designed to help political science students learn what to research, why to research, and how to research. It integrates both the quantitative and qualitative approaches to research, including the most detailed coverage of qualitative methods currently available. The book provides specific instructions in the use of available statistical software programs such as Excel and SPSS. It covers such important topics as research design, specifying research problems, designing questionnaires and writing questions, designing and carrying out qualitative research, and analyzing both quantitative and qualitative research data. Copiously illustrated and thoroughly classroom tested, the book presents statistical methods in a conversational tone to help students surmount "math phobia."

Best Practices in Green Supply Chain Management Mar 04 2020 Best Practices in Green Supply Chain Management uses present case studies from the Indian and Mexican manufacturing industries to offer new insights on the challenges of integrating environmental awareness into supply chain management operations in developing countries.

**Quantitative Methods** Aug 01 2022

**Integrating Qualitative and Quantitative Methods** Jan 26 2022 Focusing on research designs for projects that collect both qualitative and quantitative data, this practical book discusses strategies for bringing qualitative and quantitative methods together so that their combined strengths accomplish more than is possible with a single method. The approach is broadly interdisciplinary, reflecting the interest in mixed methods research of social scientists from anthropology, communication, criminal justice, education, evaluation, nursing, organizational behavior, psychology, political science, public administration, public health, sociology, social work, and urban studies. In contrast to an "anything goes" approach or a naïve hope that "two methods are better than one," the author argues that projects using mixed methods must pay even more attention to research design than single method approaches. The book's practical emphasis on mixed methods makes it useful both to active researchers and to students who intend to pursue such a career.

**Qualitative and Quantitative Methods in Libraries** Sep 29 2019 This volume is a valuable resource of research papers and applications presented at the Qualitative and Quantitative Methods in Libraries International Conference QQML2009, on the methodological tools used in library and information science. It provides the reader with a better understanding and holistic view on the subject and contains a plethora of invaluable methodologies and applications to a variety of information and library science. Qualitative and Quantitative Methods in Libraries will be suitable to students as a textbook, as well as to scientists and professionals.

Quantitative Techniques Sep 02 2022 This text is especially relevant to students studying quantitative techniques as part of business, management and/or finance on undergraduate and professional courses, especially: ACCA; CIMA; CIPFA; ICA, IOB, ICAEW.