Real Econometrics: The Right Tools To Answer Important Questions

This book offers an up-to-date, comprehensive coverage of stochastic dominance and its related concepts in a unified framework. A method for ordering probability distributions, stochastic dominance has grown in importance recently as a way to measure comparisons in welfare economics, inequality studies, health economics, insurance wages, and trade patterns. Whang pays particular attention to inferential methods and applications, citing and summarizing various empirical studies in order to relate the econometric methods with real applications and using computer codes to enable the practical implementation of these methods. Intuitive explanations throughout the book ensure that readers understand the basic technical tools of stochastic dominance.

The General Theory of Employment, Interest, and Money, written by legendary author John Maynard Keynes is widely considered to be one of the top 100 greatest books of all time. This masterpiece was published right after the Great Depression. It sought to bring about a revolution, commonly referred to as the 'Keynesian Revolution', in the way economists thought—especially challenging the proposition that a market economy tends naturally to restore itself to full employment on its own. Regarded widely as the cornerstone of Keynesian thought, this book challenged the established classical economics and introduced new concepts. 'The General Theory of Employment, Interest, and Money' transformed economics and changed the face of modern macroeconomics. Keynes' argument is based on the idea that the level of employment is not determined by the price of labour, but by the spending of money. It gave way to an entirely new approach where employment, inflation and the market economy are concerned.

This book provides a language and a set of tools for finding bounds on the predictions that social and behavioral scientists can logically make from nonexperimental and experimental data. The economist Charles Manski draws on examples from criminology, demography, epidemiology, social psychology, and sociology as well as economics to illustrate this language and to demonstrate the broad usefulness of the tools. There are many traditional ways to present identification problems in econometrics, sociology, and psychometrics. Some of these are primarily statistical in nature, using concepts such as flat likelihood functions and nondistinct parameter estimates. Manski's strategy is to divorce identification from purely statistical concepts and to present the logic of identification analysis in ways that are accessible to a wide audience in the social and behavioral sciences. In each case, problems are motivated by real examples with real policy importance, the mathematics is kept to a minimum, and the deductions on identifiability are derived giving fresh insights. Manski begins with the conceptual problem of extrapolating predictions from one population to some new population or to the future. He then analyzes in depth the fundamental selection problem that arises whenever a scientist tries to predict the effects of treatments on outcomes. He carefully specifies assumptions and develops his nonparametric methods of bounding predictions. Manski shows how these tools should be used to investigate common problems such as predicting the effect of family structure on children's outcomes and the effect of policing on crime rates. Successive chapters deal with topics ranging from the use of experiments to evaluate social programs, to the use of case-control sampling by epidemiologists studying the association of risk factors and disease, to the use of intentions data by demographers seeking to predict future fertility. The book closes by examining two central identification problems in the analysis of social interactions: the classical simultaneity problem of econometrics and the reflection problem faced in analyses of neighborhood and contextual effects.

Applied econometrics, known to aficionados as 'metrics, is the original data science. 'Metrics encompasses the statistical methods economists use to untangle cause and effect in human affairs. Through accessible discussion and with a dose of kung fu–themed humor, Mastering 'Metrics presents the essential tools of econometric research and demonstrates why econometrics is exciting and useful. The five most valuable econometric methods, or what the authors call the Furious Five--random assignment, regression, instrumental variables, regression discontinuity designs, and differences in differences--are illustrated through well-crafted real-world examples (vetted for awesomeness by Kung Fu Panda's Jade Palace). Does health insurance make you healthier? Randomized experiments provide answers. Are expensive private colleges and selective public high schools better than more pedestrian institutions? Regression analysis and a regression discontinuity design reveal the surprising truth. When private banks teeter, and depositors take their money and run, should central banks step in to save them? Differences-in-differences analysis of a Depression-era banking crisis offers a response. Could arresting O. J. Simpson have saved his ex-wife's life? Instrumental variables methods instruct law enforcement authorities in how best to respond to domestic abuse. Wielding econometric tools with skill and confidence, Mastering 'Metrics uses data and statistics to illuminate the path from cause to effect. Shows why econometrics is important Explains econometric research through humorous and accessible discussion Outlines empirical methods central to modern econometric practice Works through interesting and relevant real-world examples

Principles of Econometrics

Tools and Step-by-Step Examples

From Liverpool to Istanbul

Getting Energy Prices Right

From Principle to Practice

An Integrated Approach to Process, Tools, Cases, and Solutions

This accessible textbook and supporting web site use Excel (R) to teach introductory econometrics.

R is a language and environment for data analysis and graphics. It may be considered an implementation of S, an award-winning language initially - veloped at Bell Laboratories since the late 1970s. The R project was initiated by Robert Gentleman and Ross Ihaka at the University of Auckland, New Zealand, in the early 1990s, and has been developed by an international team since mid-1997. Historically, econometricians have favored other computing environments, some of which have fallen by the wayside, and also a variety of packages with canned routines. We believe that R has great potential in econometrics, both for research and for teaching. There are at least three reasons for this: (1) R is mostly platform independent and runs on Microsoft Windows, the Mac family of operating systems, and various ?avors of Unix/Linux, and also on some more exotic platforms. (2) R is free software that can be downloaded and installed at no cost from a family of mirror sites around the globe, the Comprehensive R Archive Network (CRAN); hence students can easily install it on their own machines. (3) R is open-source software, so that the full source code is available and can be inspected to understand what it really does, learn from it, and modify and extend it. We also like to think that platform independence and the open-source philosophy make R an ideal environment for reproducible econometric research.

In addition to econometric essentials, this book covers important new extensions as well as how to get standard errors right. The authors explain why fancier econometric techniques are typically unnecessary and even dangerous.

Real EconometricsThe Right Tools to Answer Important QuestionsOxford University Press, USA

Econometric Theory and Methods

Econometrics For Dummies

Computer-Aided Econometrics

Econometrics

Mastering 'Metrics

International Economics

This is the perfect (and essential) supplement for all econometrics classes--from a rigorous first undergraduate course, to a first master's, to a PhD course. Explains what is going on in textbooks full of proofs and formulas Offers intuition, skepticism, insights, humor, and practical advice (dos and don ' ts) Contains new chapters that cover instrumental variables and computational considerations Includes additional information on GMM, nonparametrics, and an introduction to wavelets

An accessible, contemporary introduction to the methods for determining cause and effect in the social sciences "Causation versus correlation has been the basis of arguments--economic and otherwise--since the beginning of time. Causal Inference: The Mixtape uses legit real-world examples that I found genuinely thought-provoking. It's rare that a book prompts readers to expand their outlook; this one did for me."--Marvin Young (Young MC) Causal inference encompasses the tools that allow social scientists to determine what causes what. In a messy world, causal inference is what helps establish the causes and effects of the actions being studied--for example, the impact (or lack thereof) of increases in the minimum wage on employment, the effects of early childhood education on incarceration later in life, or the influence on economic growth of introducing malaria nets in developing regions. Scott Cunningham introduces students and practitioners to the methods necessary to arrive at meaningful answers to the questions of causation, using a range of modeling techniques and coding instructions for both the R and the Stata programming languages.

This textbook presents a comprehensive analysis of the enormous changes in women's economic lives around the world, from the family to the labor market. Hoffman and Averett examine a range of fascinating topics such as the effect of rising women's wages and improved labor market opportunities on marriage, the ways in which more reliable contraception has shaped women's adult lives and careers, and the forces behind the phenomenal rise in women's labor force activity. This fourth edition addresses important topics of discussion through brand new chapters on gender in economics and race and gender in the USA. It incorporates the latest research findings throughout, many of which are featured in helpful call-out boxes, and illustrated with new graphs and figures. This is invaluable reading for undergraduate and postgraduate students of economics, development and women's studies. The level of economic analysis is suitable for students with basic economics knowledge. New to this Edition: - New chapters on gender in economics and race and gender in economics. - Fully updated with new data, policy examples and a new companion website with lecturer resources. - Increased pedagogy, withover 30 new boxes. - Policy has been integrated into the main chapters so that connections are clearer. - Intersectional approach.

International Economics, 13th Edition provides students with a comprehensive, up-to-date review of the field ' s essential principles and theory. This comprehensive textbook explains the concepts necessary to understand, evaluate, and address the economic problems and issues the nations of the world are currently facing, and are likely to face in the future. Balancing depth and accessibility, the text helps students identify the real-world relevance of the material through extensive practical applications and examples. The new, thoroughly-updated and expanded edition provides students with a solid knowledgebase in international trade theory and policy, balance of payments, foreign exchange markets and exchange rates, open-economy macroeconomics, and the international monetary system. The text uniquely employs the same graphical and numerical model in chapters that cover the same basic concept, allowing students to recognize the relationship among the different topics without having to start with a new example each time. Clear, straightforward discussions of each key concept and theory are complemented by concrete, accessible, and relatable examples that serve to strengthen student comprehension and retention. Topics include the ' Great Recession, ' the increase in trade protectionism, excessive volatility and large misalignments of exchange rates, and the impacts of resource scarcity and climate change to continued growth and sustainable development.

Tools, Concepts, and Asset Management Applications

Modeling and Interpreting Interactive Hypotheses in Regression Analysis

Applied Econometrics with R

The Path from Cause to Effect

A Scouse Odyssey

Regression and Other Stories

A comprehensive textbook on data analysis for business, applied economics and public policy that uses case studies with real-world data.

A short, rigorous introduction to intermediate microeconomic theory that offers worked-out examples, tools for solving exercises, and algebra support. This book takes a concise, example-filled approach to intermediate microeconomic theory. It avoids lengthy conceptual description and focuses on worked-out examples and step-by-step solutions. Each chapter presents the basic theoretical elements, reducing them to their main ingredients, and offering several worked-out examples and applications as well as the intuition behind each mathematical assumption and result. The book provides step-by-step tools for solving standard exercises, offering students a common approach for solving similar problems. The book walks readers through each algebra step and calculation, so only a basic background in algebra and calculus is assumed. The book includes 140 self-assessment exercises, giving students an opportunity to apply concepts from previous worked-out examples. Topics covered include consumer theory; substitution and income effect; welfare gain or loss from a price change; and choice under uncertainty. Shifting to a firm theory, the book discusses production functions, cost minimization, perfectly competitive markets, and monopolies. Two chapters on game theory provide building blocks for subsequent chapters that treat imperfect markets; games of incomplete information and auctions; contract theory; and externalities, public goods, and common pool resources. The book is suitable for use in undergraduate intermediate microeconomics courses, rigorous introduction to microeconomics courses, and managerial economics at the masters level.

Revised edition of the author's Real econometrics, [2017]

Score your highest in econometrics? Easy. Econometrics can prove challenging for many students unfamiliar with the terms and concepts discussed in a typical econometrics course. Econometrics For Dummies eliminates that confusion with easy-to-understand explanations of important topics in the study of economics. Econometrics For Dummies breaks down this complex subject and provides you with an easy-to-follow course supplement to further refine your understanding of how econometrics works and how it can be applied in real-world situations. An excellent resource for anyone participating in a college or graduate level econometrics course Provides you with an easy-to-follow introduction to the techniques and applications of econometrics Helps you score high on exam day If you're seeking a degree in economics and looking for a plain-English guide to this often-intimidating course, Econometrics For Dummies has you covered.

Introductory Econometrics

Econometric analysis of stochastic dominance

The Basics of Financial Econometrics

Forecasting

concepts, methods, tools, and applications

Using Econometrics for Political Science and Public Policy

Introduction to econometrics -- Simple regression -- Multiple regression -- Generalizing from a sample -- Properties of our estimators -- Hypothesis testing and confidence intervals -- Predicting in a nonlinear world -- Best of blue I : cross section data and heteroskedasticity (assumption CR2) -- Best of blue II : correlated errors (assumption CR3) -- Sample selection bias (assumption CR1) -- Identifying causation -- Instrumental variables : a solution to the endogeneity problem -- Appendix : critical values for commonly used tests in econometrics

The second edition of this bestselling textbook retains its unique learning-by-doing approach to econometrics. Rather than relying on complex theoretical discussions and complicated mathematics, this book explains econometrics from a practical point of view by walking the student through real-life examples, step by step. Damodar Gujarati's clear, concise, writing style guides students from model formulation, to estimation and hypothesis-testing, through to post-estimation diagnostics. The basic statistics needed to follow the book are covered in an appendix, making the book resource. The textbook is ideal for undergraduate students in economics, business, marketing, finance, operations research and related disciplines. It is also intended for students in MBA programs across the social sciences, and for researchers in business, government and research organizations who require econometrics. New to this Edition: - Two brand new chapters on Quantile Regression Modeling and Multivariate Regression Models. - Two further additional chapters on hierarchical linear regression models and bootstrapping are available on the book's website - New e data - New student exercises at the end of each chapter

This best-selling textbook addresses the need for an introduction to econometrics specifically written for finance students. Key features: • Thoroughly revised and updated, including two new chapters on panel data and limited dependent variable models • Problem-solving approach assumes no prior knowledge of econometrics emphasising intuition rather than formulae, giving students the skills and confidence to estimate and interpret models • Detailed examples and case studies from finance show students how techniques are applied in real research • Sample instructions ar EViews enable students to implement models themselves and understand how to interpret results • Gives advice on planning and executing a project in empirical finance, preparing students for using econometrics in practice • Covers important modern topics such as time-series forecasting, volatility modelling, switching models and simulation methods • Thoroughly class-tested in leading finance schools. Bundle with EViews student version 6 available. Please contact us for more details.

Concise, engaging, and highly intuitive—this accessible guide equips you with an understanding of all the basic principles of forecasting Making accurate predictions about the economy has always been difficult, as F. A. Hayek noted when accepting his Nobel Prize in economics, but today forecasters have to contend with increasing complexity and unpredictable feedback loops. In this accessible and engaging guide, David Hendry, Michael Clements, and Jennifer Castle provide a concise and highly intuitive overview of the process and problems of forecasting. They explain fo forecasts, how to respond to forecast failures, and the challenges of forecasting accurately in a rapidly changing world. Topics covered include: What is a forecast? How are forecasts judged? And how can forecast failure be avoided? Concepts are illustrated using real-world examples including financial crises, the uncertainty of Brexit, and the Federal Reserve's record on forecasting. This is an ideal introduction for university students studying forecasting, practitioners new to the field and for general readers interested in how economists forecast.

Intermediate Microeconomic Theory

Essentials of Applied Econometrics

Economics for Competition Lawyers

The Right Tools to Answer Important Questions

Mergers, Acquisitions, and Other Restructuring Activities

A Guide to Econometrics

Social scientists study complex phenomena about which they often propose intricate hypotheses tested with linear-interactive or multiplicative terms. While interaction terms are hardly new to social science research, researchers have yet to develop a common methodology for using and interpreting them. Modeling and Interpreting Interactive Hypotheses in Regression Analysis provides step-by-step guidance on how to connect substantive theories to statistical models and how to interpret and present the results. "Kam and Franzese is a must-have for all empirical social scientists interested in teasing out the complexities of their data." ---Janet M. Box-Steffensmeier, Ohio State University "Kam and Franzese have written what will become the definitive source on dealing with interaction terms and testing interactive hypotheses. It will serve as the standard reference for political scientists and will be one of those books that everyone will turn to when helping our students or doing our work. But more than that, this book is the best text I have seen for getting students to really think about the importance of careful specification and testing of their hypotheses." ---David A. M. Peterson, Texas A&M University "Kam and Franzese have given scholars and teachers of regression models something they've needed for years: a clear, concise guide to understanding multiplicative interactions. Motivated by real substantive examples and packed with valuable examples and graphs, their book belongs on the shelf of every working social scientist." ---Christopher Zorn, University of South Carolina "Kam and Franzese make it easy to model what good researchers have known for a long time: many important and interesting causal effects depend on the presence of other conditions. Their book shows how to explore interactive hypotheses in your own research and how to present your results. The book is straightforward yet technically sophisticated. There are no more excuses for misunderstanding, misrepresenting, or simply missing out on interaction effects!" ---Andrew Gould, University of Notre Dame Cindy D. Kam is Assistant Professor, Department of Political Science, University of California, Davis. Robert J. Franzese Jr. is Associate Professor, Department of Political Science, University of Michigan, and Research Associate Professor, Center for Political Studies, Institute for Social Research, University of Michigan. For datasets, syntax, and worksheets to help readers work through the examples covered in the book, visit: www.press.umich.edu/KamFranzese/Interactions.html

Principles of Econometrics, Fifth Edition, is an introductory book for undergraduate students in economics and finance, as well as first-year graduate students in a variety of fields that include economics, finance, accounting, marketing, public policy, sociology, law, and political science. Students will gain a working knowledge of basic econometrics so they can apply modeling, estimation, inference, and forecasting techniques when working with real-world economic problems. Readers will also gain an understanding of econometrics that allows them to critically evaluate the results of others' economic research and modeling, and that will serve as a foundation for further study of the field. This new edition of the highly-regarded econometrics text includes major revisions that both reorganize the content and present students with plentiful opportunities to practice what they have read in the form of chapter-end exercises.

Get complete instructions for manipulating, processing, cleaning, and crunching datasets in Python. Updated for Python 3.6, the second edition of this hands-on guide is packed with practical case studies that show you how to solve a broad set of data analysis problems effectively. You'll learn the latest versions of pandas, NumPy, IPython, and Jupyter in the process. Written by Wes McKinney, the creator of the Python pandas project, this book is a practical, modern introduction to data science tools in Python. It's ideal for analysts new to Python and for Python programmers new to data science and scientific computing. Data files and related material are available on GitHub. Use the IPython shell and Jupyter notebook for exploratory computing Learn basic and advanced features in NumPy (Numerical Python) Get started with data analysis tools in the pandas library Use flexible tools to load, clean, transform, merge, and reshape data Create informative visualizations with matplotlib Apply the pandas groupby facility to slice, dice, and summarize datasets Analyze and manipulate regular and irregular time series data Learn how to solve real-world data analysis problems with thorough, detailed examples

Robert Frank's Microeconomics and Behavior covers the essential topics of microeconomics while exploring the relationship between economics analysis and human behavior. The book's clear narrative appeals to students, and its numerous examples help students develop economic intuition. This book introduces modern topics not often found in intermediate textbooks. Its focus throughout is to develop a student's capacity to "think like an economist."

The General Theory of Employment, Interest, and Money

Econometrics by Example

Applied Econometrics

Real Stats

An Essential Introduction

Identification Problems in the Social Sciences

Econometric Theory and Methods International Edition provides a unified treatment of modern econometric theory and practical econometric methods. The geometrical approach to least squares is emphasized, as is the method of moments, which is used to motivate a wide variety of estimators and tests. Simulation methods, including the bootstrap, are introduced early and used extensively. The book deals with a large number of modern topics. In addition to bootstrap and Monte Carlo tests, these include sandwich covariance matrix estimators, artificial regressions, estimating functions and the generalized method of moments, indirect inference, and kernel estimation. Every chapter incorporates numerous exercises, some theoretical, some empirical, and many involving simulation.

This textbook introduces students progressively to various aspects of qualitative models and assumes a knowledge of basic principles of statistics and econometrics. Inferring qualitative characteristics of data on socioeconomic class, education, employment status, and the like - given their discrete nature - requires an entirely different set of tools from those applied to purely quantitative data. Written in accessible language and offering cogent examples, students are given valuable means to gauge real-world economic phenomena. After the introduction, early chapters present models with endogenous qualitative variables, examining dichotomous models, model specification, estimation methods, descriptive usage, and qualitative panel data. Professor Gourieroux also looks at Tobit models, in which the exogenous variable is sometimes qualitative and sometimes quantitative, and changing-regime models, in which the dependent variable is qualitative but expressed in quantitative terms. The final two chapters describe models which explain variables assumed by discrete or continuous positive variables.

Hayashi's Econometrics promises to be the next great synthesis of modern econometrics. It introduces first year Ph.D. students to standard graduate econometrics material from a modern perspective. It covers all the standard material necessary for understanding the principal techniques of econometrics from ordinary least squares through cointegration. The book is also distinctive in developing both time-series and cross-section analysis fully, giving the reader a unified framework for understanding and integrating results. Econometrics has many useful features and covers all the important topics in econometrics in a succinct manner. All the estimation techniques that could possibly be taught in a first-year graduate course, except maximum likelihood, are treated as special cases of GMM (generalized methods of moments). Maximum likelihood estimators for a variety of models (such as probit and tobit) are collected in a separate chapter. This arrangement enables students to learn various estimation techniques in an efficient manner. Eight of the ten chapters include a serious empirical application drawn from labor economics, industrial organization, domestic and international finance, and macroeconomics. These empirical exercises at the end of each chapter provide students a hands-on experience applying the techniques covered in the chapter. The exposition is rigorous yet accessible to students who have a working knowledge of very basic linear algebra and probability theory. All the results are stated as propositions, so that students can see the points of the discussion and also the conditions under which those results hold. Most propositions are proved in the text. For those who intend to write a thesis on applied topics, the empirical applications of the book are a good way to learn how to conduct empirical research. For the theoretically inclined, the no-compromise treatment of the basic techniques is a good preparation for more advanced theory courses.

Real Stats offers an engaging and practical introduction to statistical analysis for upper-level undergraduates and first-year graduate students in political science, public policy, and law. Grounded in contemporary understandings of causal inferences, the text invites students to see how econometric tools can help answer important and interesting questions. This emphasis on practical applications, combined with a lively and conversational narrative, provides students with a solid foundation in the analytical tools they will use throughout their academic and professional careers.

Microeconomics and Behavior

Introductory Econometrics: A Modern Approach

Using Monte Carlo Simulation with Microsoft Excel

Econometric Methods with Applications in Business and Economics

International Edition

Data Analysis for Business, Economics, and Policy

An engaging and practical introduction to econometrics, Real Econometrics: The Right Tools to Answer Important Questions provides thorough coverage of the most frequently used methods of analysis and a diverse array of examples and case studies. Grounded in contemporary understandings of causal inference, the text invites students to see how econometric tools can help answer interesting questions ranging from consumer choice, to whether police reduce crime, to how drinking affects students' grades, and to whether or not tall people make higher wages. This emphasis on practical applications, combined with a lively and conversational narrative, provides students with a solid foundation in the analytical tools they will use throughout their academic and professional careers.

Energy taxes can produce substantial environmental and revenue benefits and are an important component of countries' fiscal systems. Although the principle that these taxes should reflect global warming, air pollution, road congestion, and other adverse environmental impacts of energy use is well established, there has been little previous work providing guidance on how countries can put this principle into practice. This book develops a practical methodology, and associated tools, to show how the major environmental damages from energy can be quantified for different countries and used to design the efficient set of energy taxes.

A practical approach to using regression and computation to solve real-world problems of estimation, prediction, and causal inference.

Economics for Competition Lawyers provides a comprehensive explanation of the economic principles most relevant for competition law. Written specifically for competition lawyers, it uses real-world examples, is non-technical, and explains the key points from first principles.

Family, Work and Pay

Causal Inference

Python for Data Analysis

Introduction to Econometrics

Real Econometrics

Emphasizing the impact of computer software and computational technology on econometric theory and development, this text presents recent advances in the application of computerized tools to econometric techniques and practices—focusing on current innovations in Monte Carlo simulation, computer-aided testing, model selection, and Bayesian methodology for improved econometric analyses.

Econometrics, the application of statistical principles to the quantification of economic models, is a compulsory component of European economics degrees. This text provides an introduction to this complex topic for students who are not outstandingly proficient in mathematics. It does this by providing the student with an analytical and an intuitive understanding of the classical linear regression model. Mathematical notation is kept simple and step-by-step verbal explanations of mathematical proofs are provided to facilitate a full understanding of the subject. The text also contains a large number of practical exercises for students to follow up and practice what they have learnt. Originally published in the USA, this new edition has been substantially updated and revised with the inclusion of new material on specification tests, binary choice models, tobit analysis, sample selection bias, nonstationary time series, and unit root tests and basic cointegration. The new edition is also acompanied by a website with Powerpoint slideshows giving a parallel graphical treatment of topics treated in the book, cross-section and time series data sets, manuals for practical exercises, and lecture note extending the text.

Discover how empirical researchers today actually think about and apply econometric methods with the practical, professional approach in Wooldridge's INTRODUCTORY ECONOMETRICS: A MODERN APPROACH, 6E. Unlike traditional books, this unique presentation demonstrates how econometrics has moved beyond just a set of abstract tools to become genuinely useful for answering questions in business, policy evaluation, and forecasting environments. INTRODUCTORY ECONOMETRICS is organized around the type of data being analyzed with a systematic approach that only introduces assumptions as they are needed. This makes the material easier to understand and, ultimately, leads to better econometric practices. Packed with timely, relevant applications, the book introduces the latest emerging developments in the field. Gain a full understanding of the impact of econometrics in real practice today with the insights and applications found only in INTRODUCTORY ECONOMETRICS: A MODERN APPROACH, 6E. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

'Applied Econometrics' takes an intuitive, hands-on approach to presenting modern econometrics. Wide-ranging yet compact, the book features extensive software integration and contains empirical applications throughout. It provides step-by-step guidelines for all econometric tests and methods of estimation, and also provides interpretations of the results. The second edition of this popular book features expanded topical coverage, more coverage of fundamental concepts for students new to the subject or requiring a 'refresher', integrated finance applications throughout, as well as the addition of Stata to the software coverage (already featuring EViews and Microfit). New chapters include: ■ Limited Dependent Variable Regression Models ■ Identification in Standard and Cointegrated Systems ■ Solving Models This is an ideal book for undergraduate and master's economics or finance students taking a first course in applied econometrics. A companion website for this book is available at www.palgrave.com/economics/asteriou2 which contains: ■ data files for students ■ PowerPoint slides for lecturers

An Empiricist's Companion

Mostly Harmless Econometrics

Data Wrangling with Pandas, NumPy, and IPython

Introductory Econometrics for Finance

Econometrics of Qualitative Dependent Variables
Women and the Economy
An accessible guide to the growing field of financial econometrics As finance and financial products have become more complex, financial econometrics has emerged as a fast-growing field and necessary foundation for anyone involved in quantitative finance. The techniques of financial econometrics facilitate the development and management of new financial instruments by providing models for pricing and risk assessment. In short, financial econometrics is an indispensable component to modern finance. The Basics of Financial Econometrics covers the commonly used techniques in the field without using unnecessary mathematical/statistical analysis. It focuses on foundational ideas and how they are applied. Topics covered include: regression models, factor analysis, volatility estimations, and time series techniques. Covers the basics of financial econometrics—an important topic in quantitative finance Contains several chapters on topics typically not covered even in basic books on econometrics such as model selection, model risk, and mitigating model risk Geared towards both practitioners and finance students who need to understand this dynamic discipline, but may not have advanced mathematical training, this book is a valuable resource on a topic of growing importance.
Two strengths distinguish this textbook from others. One is its presentation of subjects in the contexts wherein they occur. The other is its use of current events. Other improvements have shortened and simplified chapters, increased the numbers and types of pedagogical supplements, and expanded the international appeal of examples.
Nowadays applied work in business and economics requires a solid understanding of econometric methods to support decision-making. Combining a solid exposition of econometric methods with an application-oriented approach, this rigorous textbook provides students with a working understanding and hands-on experience of current econometrics. Taking a 'learning by doing' approach, it covers basic econometric methods (statistics, simple and multiple regression, nonlinear regression, maximum likelihood, and generalized method of moments), and addresses the creative process of model building with due attention to diagnostic testing and model improvement. Its last part is devoted to two major application areas: the econometrics of choice data (logit and probit, multinomial and ordered choice, truncated and censored data, and duration data) and the econometrics of time series data (univariate time series, trends, volatility, vector autoregressions, and a brief discussion of SUR models, panel data, and simultaneous equations). · Real-world text examples and practical exercise questions stimulate active learning and show how econometrics can solve practical questions in modern business and economic management. · Focuses on the core of econometrics, regression, and covers two major advanced topics, choice data with applications in marketing and micro-economics, and time series data with applications in finance and macro-economics. · Learning-support features include concise, manageable sections of text, frequent cross-references to related and background material, summaries, computational schemes, keyword lists, suggested further reading, exercise sets, and online data sets and solutions. · Derivations and theory exercises are clearly marked for students in advanced courses. This textbook is perfect for advanced undergraduate students, new graduate students, and applied researchers in econometrics, business, and economics, and for researchers in other fields that draw on modern applied econometrics.