



Microeconometrics and MATLAB: An Introduction

By Abi Adams, Damian Clarke, Simon Quinn

Download now

Read Online ➔

Microeconometrics and MATLAB: An Introduction By Abi Adams, Damian Clarke, Simon Quinn

This book is a practical guide for theory-based empirical analysis in economics that guides the reader through the first steps when moving between economic theory and applied research. The book provides a hands-on introduction to some of the techniques that economists use for econometric estimation and shows how to convert a selection of standard and advanced estimators into MATLAB code.

The book first provides a brief introduction to MATLAB and its syntax, before moving into microeconomic applications studied in undergraduate and graduate econometrics courses. Along with standard estimation methods such as, for example, Method of Moments, Maximum Likelihood, and constrained optimisation, the book also includes a series of chapters examining more advanced research methods. These include discrete choice, discrete games, dynamic models on a finite and infinite horizon, and semi- and nonparametric methods. In closing, it discusses more advanced features that can be used to optimise use of MATLAB, including parallel computing.

Each chapter is structured around a number of worked examples, designed for the reader to tackle as they move through the book. Each chapter ends with a series of readings, questions, and extensions, designed to help the reader on their way to adapting the examples in the book to fit their own research questions.

 [Download Microeconometrics and MATLAB: An Introduction ...pdf](#)

 [Read Online Microeconometrics and MATLAB: An Introduction ...pdf](#)

Microeconometrics and MATLAB: An Introduction

By Abi Adams, Damian Clarke, Simon Quinn

Microeconometrics and MATLAB: An Introduction By Abi Adams, Damian Clarke, Simon Quinn

This book is a practical guide for theory-based empirical analysis in economics that guides the reader through the first steps when moving between economic theory and applied research. The book provides a hands-on introduction to some of the techniques that economists use for econometric estimation and shows how to convert a selection of standard and advanced estimators into MATLAB code.

The book first provides a brief introduction to MATLAB and its syntax, before moving into microeconomic applications studied in undergraduate and graduate econometrics courses. Along with standard estimation methods such as, for example, Method of Moments, Maximum Likelihood, and constrained optimisation, the book also includes a series of chapters examining more advanced research methods. These include discrete choice, discrete games, dynamic models on a finite and infinite horizon, and semi- and nonparametric methods. In closing, it discusses more advanced features that can be used to optimise use of MATLAB, including parallel computing.

Each chapter is structured around a number of worked examples, designed for the reader to tackle as they move through the book. Each chapter ends with a series of readings, questions, and extensions, designed to help the reader on their way to adapting the examples in the book to fit their own research questions.

Microeconometrics and MATLAB: An Introduction By Abi Adams, Damian Clarke, Simon Quinn
Bibliography

- Sales Rank: #299255 in Books
- Brand: imusti
- Published on: 2016-03-07
- Released on: 2016-01-14
- Original language: English
- Number of items: 1
- Dimensions: 6.00" h x .50" w x 9.10" l, .0 pounds
- Binding: Paperback
- 256 pages

 [Download Microeconometrics and MATLAB: An Introduction ...pdf](#)

 [Read Online Microeconometrics and MATLAB: An Introduction ...pdf](#)

Editorial Review

About the Author

Abi Adams, Associate Professor of Economics, University of Oxford, Damian Clarke, PhD student in Economics, University of Oxford, Simon Quinn, Associate Professor of Economics, University of Oxford

Abi Adams is an Associate Professor of Economics at the University of Oxford, a Research Fellow at the Institute of Fiscal Studies and a Cowles Foundation Postdoctoral Fellow. Her research focuses on consumer choice, with a particular interest in nonparametric methods and revealed preference theory.

Damian Clarke is a DPhil (PhD) student in economics at the University of Oxford, with research focusing on maternal and child health and education, fertility and family size, and applied microeconometrics. Damian has worked for a range of international organisations and government bodies in Latin America and in West Africa.

Simon Quinn is an Associate Professor of Economics and a Deputy Director of the Centre for the Study of African Economies at the University of Oxford. Simon's research interests lie primarily in the study of firms and development.

Users Review

From reader reviews:

William Martin:

Do you have favorite book? For those who have, what is your favorite's book? Book is very important thing for us to know everything in the world. Each guide has different aim or perhaps goal; it means that book has different type. Some people sense enjoy to spend their a chance to read a book. They are reading whatever they acquire because their hobby is actually reading a book. How about the person who don't like looking at a book? Sometime, man feel need book after they found difficult problem or maybe exercise. Well, probably you will want this Microeconometrics and MATLAB: An Introduction.

Harriett Costello:

Book is to be different for every grade. Book for children until finally adult are different content. As we know that book is very important for all of us. The book Microeconometrics and MATLAB: An Introduction has been making you to know about other knowledge and of course you can take more information. It is very advantages for you. The book Microeconometrics and MATLAB: An Introduction is not only giving you far more new information but also for being your friend when you really feel bored. You can spend your spend time to read your guide. Try to make relationship with the book Microeconometrics and MATLAB: An Introduction. You never really feel lose out for everything if you read some books.

Bruce Sandlin:

Reading a publication can be one of a lot of task that everyone in the world adores. Do you like reading book so. There are a lot of reasons why people enjoy it. First reading a publication will give you a lot of new details. When you read a e-book you will get new information mainly because book is one of various ways to share the information as well as their idea. Second, reading through a book will make a person more imaginative. When you examining a book especially tale fantasy book the author will bring that you imagine the story how the characters do it anything. Third, you are able to share your knowledge to other individuals. When you read this Microeconometrics and MATLAB: An Introduction, you can tells your family, friends and also soon about yours publication. Your knowledge can inspire the others, make them reading a publication.

Jane Rippeon:

Your reading sixth sense will not betray you, why because this Microeconometrics and MATLAB: An Introduction e-book written by well-known writer whose to say well how to make book that can be understand by anyone who read the book. Written inside good manner for you, dripping every ideas and writing skill only for eliminate your hunger then you still skepticism Microeconometrics and MATLAB: An Introduction as good book but not only by the cover but also with the content. This is one e-book that can break don't assess book by its protect, so do you still needing yet another sixth sense to pick that!? Oh come on your looking at sixth sense already told you so why you have to listening to a different sixth sense.

**Download and Read Online Microeconometrics and MATLAB: An Introduction By Abi Adams, Damian Clarke, Simon Quinn
#IKWATCY4G58**

Read Microeconometrics and MATLAB: An Introduction By Abi Adams, Damian Clarke, Simon Quinn for online ebook

Microeconometrics and MATLAB: An Introduction By Abi Adams, Damian Clarke, Simon Quinn Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Microeconometrics and MATLAB: An Introduction By Abi Adams, Damian Clarke, Simon Quinn books to read online.

Online Microeconometrics and MATLAB: An Introduction By Abi Adams, Damian Clarke, Simon Quinn ebook PDF download

Microeconometrics and MATLAB: An Introduction By Abi Adams, Damian Clarke, Simon Quinn Doc

Microeconometrics and MATLAB: An Introduction By Abi Adams, Damian Clarke, Simon Quinn Mobipocket

Microeconometrics and MATLAB: An Introduction By Abi Adams, Damian Clarke, Simon Quinn EPub

IKWATCY4G58: Microeconometrics and MATLAB: An Introduction By Abi Adams, Damian Clarke, Simon Quinn