P. Bogetoft, Copenhagen Business School, Frederiksberg, Denmark; L. Otto, University of Copenhagen, Denmark

Benchmarking with DEA, SFA, and R

This book covers recent advances in efficiency evaluations, most notably Data Envelopment Analysis (DEA) and Stochastic Frontier Analysis (SFA) methods. It introduces the underlying theories, shows how to make the relevant calculations and discusses applications. The aim is to make the reader aware of the pros and cons of the different methods and to show how to use these methods in both standard and non-standard cases. Several software packages have been developed to solve some of the most common DEA and SFA models. This book relies on R, a free, open source software environment for statistical computing and graphics. This enables the reader to solve not only standard problems, but also many other problem variants. Using R, one can focus on understanding the context and developing a good model. One is not restricted to predefined model variants and to a one-size-fits-all approach.

Features
► Editors are the three of most prominent researchers in the field ► Prestigious group of contributors ► Brings entire field up to date with new chapters on DEA models for supply chain, DMU’s with internal structures, and network DEA

Contents

Fields of interest
Operations Research/Decision Theory; Econometrics; Operations Research, Management Science

Target groups
Professional/practitioner

Type of publication
Monograph

Due December 2010

H. Dawid, University of Bielefeld, Germany; W. Semmler, New School for Social Research, New York, NJ, USA (Eds.)

Computational Methods in Economic Dynamics

This volume is centered around the issue of market design and resulting market dynamics. The economic crisis of 2007–2009 has once again highlighted the importance of a proper design of market protocols and institutional details for economic dynamics and macroeconomics. Papers in this volume capture institutional details of particular markets, behavioral details of agents’ decision making as well as spillovers between markets and effects to the macroeconomy. Computational methods are used to replicate and understand market dynamics emerging from interaction of heterogeneous agents, and to develop models that have predictive power for complex market dynamics. Finally, treatments of overlapping generations models and differential games with heterogeneous actors are provided.

Features
► Offers new approaches and results on computational methods in economics ► Covers agent-based models, computational learning techniques and dynamic games ► Presents applications such as the design of electricity markets, trading on financial markets, human capital, and migration

From the contents

Fields of interest
Economic Theory; Computer Appl. in Social and Behavioral Sciences; Game Theory/Mathematical Methods

Target groups
Research

Type of publication
Contributed volume

Due January 2011

L. De Benedictis, University of Macerata, Italy; L. Salvatici, University of Molise, Italy (Eds.)

The Trade Impact of European Union Preferential Policies

An Analysis Through Gravity Models

The book investigates the EU preferential trade policy and, in particular, the impact it had on trade flows from developing countries. It shows that the capability of the “trade as aid” model to deliver its expected benefits to these countries crucially differs between preferential schemes and sectors. The book takes an eclectic but rigorous approach to the econometric analysis by combining different specifications of the gravity model. An in-depth presentation of the gravity model is also included, providing significant insights into the distinctive features of this technique and its state-of-art implementation. The evidence produced in the book is extensively applied to the analysis of the EU preferential policies with substantial suggestions for future improvement. Additional material can be found on the Website to this book.

Features
► A comprehensive assessment of the trade impact of EU preferential policies ► Empirical analysis with modern econometric techniques and disaggregated data ► Datasets and program files help the reader to replicate the empirical analysis

Contents

Fields of interest
Development Economics; International Economics; Regional/Spatial Science

Target groups
Research

Type of publication
Monograph

Due June 2011

► approx. € 99,95 | £90.00
► approx. € (D) 106,95 | € (A) 109,95 | sFr 143,50
ISBN 978-3-642-16642-7

L. De Benedictis, University of Macerata, Italy; L. Salvatici, University of Molise, Italy (Eds.)

The Trade Impact of European Union Preferential Policies

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Fields of interest
Development Economics; International Economics; Regional/Spatial Science

Target groups
Research

Type of publication
Monograph

Due June 2011

2011. 250 p. 15 illus. Hardcover
► approx. € 89,95 | £81.00
► approx. € (D) 96,25 | € (A) 98,95 | sFr 129,00
ISBN 978-3-642-16563-4
Conquering the Pitch
The Economics of Soccer

B. Frick, Universität Paderborn, Germany

Soccer has become “big business.” The aggregated market value of the first and second division teams from the “Big 5” European Leagues (England, France, Germany, Italy and Spain) is nearly €12 billion. Using systematic and anecdotal evidence from the “Big 5” and additional evidence from other European and some of the South American Leagues (Brazil and Argentina), this book explores the development of soccer as the world’s most important team sport and addresses competitive balance across the large number of leagues. The book also provides the reader with a thorough understanding of the market for players, coaches and referees as well as the demand for soccer, both on TV, at the gate, and in the betting office. Finally, the economic implications of pertinent recent problems, such as hooliganism and racism, are addressed.

Features
► First book to deal with the supply and demand side of the market for soccer from a multinational perspective
► Uses evidence from the “Big 5” European Leagues (England, France, Germany, Italy and Spain) and some of the South American Leagues (Brazil and Argentina)
► Econometric evidence is presented in a graphical form to make the book more accessible to multiple audiences

Contents
The Evolution of Professional Soccer in Europe.
- The Market for Players, Coaches and Referees.
- The Demand for Football and the Sources of Club Revenues.
- The Capital and the Betting Market.
- Current Problems and Future Prospects.

Fields of interest
Economic Policy; Management/Business for Professionals; Economics general

Target groups
Research

Type of publication
Monograph

Due February 2011

Enabling Enterprise Transformation
Business and Grassroots Innovation for the Knowledge Economy

N. K. Hanna, University of Maryland, Bethesda, MD, USA

Private enterprises in advanced economies have been learning to use information and communication technology (ICT) to innovate and transform their processes, products, services and business models, significantly improving productivity and competitiveness. Moreover, the ICT industry itself has become a major source of job creation and a contributor to economic growth and business transformation. A key question today is whether and how developing countries can learn to benefit from the ICT revolution, and what roles the government and private sector can play. Already, a number of developing countries have been inspired by the example of India and China, and are now seeking to jump on the outsourcing bandwagon.

Features
► Integrates analytical insights, practical application, and policymaking across the fields of development economics, management, and information and communication technology
► Demonstrates how ICT can be implemented to support organizational innovation and economic development
► International coverage, with numerous illustrative examples from around the world

From the contents
1. An ICT-enabled Innovation and Business Transformation for Development.
2. Implications of the ICT Revolution for Business.
3. Strategic Options for Private Sector Development.
5. Transforming Business Environment.
6. ICT Services Industry for an Innovation Economy.
7. Developing the ICT Industry Ecosystem.
8. Telecenter Enterprises and Grassroots Innovation.

Fields of interest
Economic Growth; Entrepreneurship; Organization/Planning

Target groups
Research

Type of publication
Monograph

Due January 2011
**Strategies and Communications for Innovations**

An Integrative Management View for Companies and Networks

The innovation economy sets new standards for global business and requires efficient innovation management to plan, execute and evaluate innovation activities, establish innovative capability and coordinate resources and capacities for innovation on an intra- and inter-organizational level. Moreover, communication of innovation is one essential impact factor of innovation success due to successful launches of innovations into markets, establishment of stakeholder relationships, and strengthened corporate reputation in the long-run. Consequently, the portfolio of communication activities for innovations has to be mastered by a company or collaborative network equal to the innovation portfolio. Thus, management of innovation and innovation communication on a strategic level play an important role in business nowadays. This new book concentrates on new approaches and methods for strategies and communications for innovations.

**Features**

- Cutting edge information, new approaches and methods for companies and networks
- Theory-driven yet practice-oriented with case studies
- An integrative management view on innovations

**Contents**


**Fields of interest**

Technology Management; Engineering Economics, Organization, Logistics, Marketing; Industrial Organization

**Target groups**

Research

**Type of publication**

Monograph

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**Demography and Infrastructure**

National and Regional Aspects of Demographic Change

Population ageing has been going on for many decades, but population shrinking is a rather new phenomenon. The population of Germany, as in many other countries, has passed a plateau and is currently shrinking. Demographic change is a challenge for infrastructure planning due to the longevity of infrastructure capital and the need to match supply and demand in order to ensure cost-efficiency. This book summarises the findings of the INFRADEM project team, a multidisciplinary research group that worked together to estimate the effects of demographic change on infrastructure demand. Economists, engineers and geographers present studies from top-down and bottom-up perspectives, focusing on Germany and two selected regions: Hamburg and Mecklenburg-Western Pomerania. The contributors employed a broad range of methods, including an overlapping-generations model for Germany, regional input-output models, an energy systems model, and a spatial model of the transportation infrastructure.

**Features**

- Highly relevant research topic: the impact of demographic change on infrastructure use
- Interdisciplinary content covers all aspects of the research topic
- Wide range of approaches used, including top-down, bottom-up, national, and regional
- Includes the development and application of methodological innovations

**Fields of interest**

Environmental Economics; Economic Geography; Demography

**Target groups**

Research

**Type of publication**

Contributed volume

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**Corruption, Development and the Environment**

The book analyses the influence of corruption on economic growth and environmental protection, examining corruption from different perspectives. It contributes to several streams of the literature and assembles evidence of the influence of corruption on two important variables in human welfare: income and environmental policies. The material evinces the detrimental effect that corruption has on economic growth and on the stringency of environmental policies. It also shows that standard techniques for fighting corruption are often based either on simplistic definitions or on strong assumptions that do not apply in many countries blighted by corruption. From a methodological standpoint, this work combines a number of approaches including a theoretical discussion of corruption and of its definition (often omitted in economic studies), together with econometrics, case studies and policy discussions.

**Features**

- Multi-method study that includes theoretical examination together with econometrics and case studies
- Examines the determinants of corruption together with the impact corruption has on economic development and on the stringency of environmental policies
- The first study to combine an analysis of corruption, economic development and environmental policies

**From the contents**


**Fields of interest**

Environmental Economics; Development Economics; Economic Policy

**Target groups**

Research

**Type of publication**

Monograph
Methods to Analyse Agricultural Commodity Price Volatility

This book examines the issue of price volatility in agricultural commodities markets and how this phenomenon has evolved in recent years. The factors underlying the price spike of 2007-08 appear to be global and macroeconomic in nature, including the rapid growth in demand by developing countries, the international financial crisis, and exchange rate movements. Some of these factors are new, appearing as influences on price volatility only in the last decade. Although volatility has always been a feature of agricultural commodity markets, the evidence suggests that volatility has increased in certain commodity markets. A growing problem is that agricultural price shocks and volatility disrupt agricultural markets, economic incentives and incomes. With increased globalization and integration of financial and energy markets with agricultural commodity markets, the relationships between markets are expanding and becoming more complex.

Features
- Features chapters written by experts from the European Commission, FAO, USDA, and the World Bank as well as scholars from the European Union and the United States
- Provides timely analysis of agricultural commodities price volatility and evolution resulting from the recent economic crisis
- Suggests directions for anticipating price movements and managing their consequences

Fields of interest
Agricultural Economics; Development Economics; Economic Policy

Target groups
Research

Type of publication
Contributed volume

Due April 2011
2011. 300 p. Hardcover
- approx. € 104,95 | £93.00
- approx. *€ (D) 112,20 | € (A) 115,45 | sFr 148,00
ISBN 978-1-4419-7633-8

Due March 2011
2011. IX, 166 p. Hardcover
- € 89,95 | £81.00
- *€ (D) 96,75 | € (A) 98,95 | sFr 129,00
ISBN 978-1-4419-8025-0