

New Directions: Efficiency and Productivity



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**Rolf Färe
Shawna Grosskopf**



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New Directions Efficiency And Productivity

Ruizhi Pang,Xuejie Bai,Knox Lovell



New Directions Efficiency And Productivity:

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Directions in the Soviet Economy United States. Congress. Joint Economic Committee. Subcommittee on Foreign Economic Policy, 1966 *New Directions in Development Economics* Mats Lundahl, Benno Ndulu, 2005-08-10 *New Directions in Development Economics* is divided into two parts The first half considers the dilemma of growth with special reference to its environmental cost The second half focuses on the role of the state in the context of the growing dominance of the free market argument The contributors include Paul Collier Partha Dasgupta Ronald Findlay and Deepak Lal *Energy*,

Environment and Transitional Green Growth in China Ruizhi Pang, Xuejie Bai, Knox Lovell, 2018-04-27 This book discusses energy use and its environmental footprint in China as well as issues concerning the transitional green growth of its economy a subject of great importance in light of China's size and its impressive record of economic growth The book includes expert overviews and empirical studies prepared by internationally recognized experts in the field The empirical techniques utilized by the contributors include econometrics mathematical programming and index numbers The book will provide readers a deeper understanding of the energy and environmental issues China now faces during its transitional growth period and of the strategies available for resolving these issues The 2016 Asia Pacific Productivity Conference held in Nankai University Tianjin China from July 7-10 was organized by Nankai University's College of Economic and Social Development CESD in collaboration with the School of Economics Nankai University and Collaborative Innovation Center for China Economy The primary objective of the event was to highlight the latest developments in efficiency and productivity research **Data**

Envelopment Analysis Wade D. Cook, Joe Zhu, 2014-07-08 This handbook serves as a complement to the Handbook on Data Envelopment Analysis eds W W Cooper L M Seiford and J Zhu 2011 Springer in an effort to extend the frontier of DEA research It provides a comprehensive source for the state of the art DEA modeling on internal structures and network DEA Chapter 1 provides a survey on two stage network performance decomposition and modeling techniques Chapter 2 discusses the pitfalls in network DEA modeling Chapter 3 discusses efficiency decompositions in network DEA under three types of structures namely series parallel and dynamic Chapter 4 studies the determination of the network DEA frontier In chapter 5 additive efficiency decomposition in network DEA is discussed An approach in scale efficiency measurement in two stage networks is presented in chapter 6 Chapter 7 further discusses the scale efficiency decomposition in two stage networks Chapter 8 offers a bargaining game approach to modeling two stage networks Chapter 9 studies shared resources and efficiency decomposition in two stage networks Chapter 10 introduces an approach to computing the technical efficiency scores for a dynamic production network and its sub processes Chapter 11 presents a slacks based network DEA Chapter 12 discusses a DEA modeling technique for a two stage network process where the inputs of the second stage include both the outputs from the first stage and additional inputs to the second stage Chapter 13 presents an efficiency measurement methodology for multi stage production systems Chapter 14 discusses network DEA models both static and dynamic The discussion also explores various useful objective functions that can be applied to the models to find the optimal allocation of resources for processes within the black box that are normally invisible to DEA Chapter 15 provides a comprehensive review of various type network DEA modeling techniques Chapter 16 presents shared resources models for deriving aggregate measures of bank branch performance with accompanying component measures that make up that aggregate value Chapter 17 examines a set of manufacturing plants operating under a single umbrella with the objective being to use the component or function measures to decide what might be considered as each plant's core business Chapter 18 considers problem

settings where there may be clusters or groups of DMUs that form a hierarchy The specific case of a set off electric power plants is examined in this context Chapter 19 models bad outputs in two stage network DEA Chapter 20 presents an application of network DEA to performance measurement of Major League Baseball MLB teams Chapter 21 presents an application of a two stage network DEA model for examining the performance of 30 U S airline companies Chapter 22 then presents two distinct network efficiency models that are applied to engineering systems

Data Envelopment Analysis Joe Zhu, 2016-03-22 This handbook compiles state of the art empirical studies and applications using Data Envelopment Analysis DEA It includes a collection of 18 chapters written by DEA experts Chapter 1 examines the performance of CEOs of U S banks and thrifts Chapter 2 describes the network operational structure of transportation organizations and the relative network data envelopment analysis model Chapter 3 demonstrates how to use different types of DEA models to compute total factor energy efficiency scores with an application to energy efficiency In chapter 4 the authors explore the impact of incorporating customers willingness to pay for service quality in benchmarking models on cost efficiency of distribution networks and chapter 5 provides a brief review of previous applications of DEA to the professional baseball industry followed by two detailed applications to Major League Baseball Chapter 6 examines efficiency and productivity of U S property liability P L insurers using DEA while chapter 7 presents a two stage network DEA model that decomposes the overall efficiency of a decision making unit into two components Chapter 8 presents a review of the literature of DEA models for the performance assessment of mutual funds and chapter 9 discusses the management strategies formulation of the international tourist hotel industry in Taiwan Chapter 10 presents a novel use of the two stage network DEA to evaluate sustainable product design performances In chapter 11 authors highlight limitations of some DEA environmental efficiency models and chapter 12 reviews applications of DEA in secondary and tertiary education Chapter 13 measures the relative performance of New York State school districts in the 2011 2012 academic year Chapter 14 provides an introductory prelude to chapters 15 and 16 which both provide detailed applications of DEA in marketing Chapter 17 then shows how to decompose a new total factor productivity index that satisfies all economically relevant axioms from index theory with an application to U S agriculture Finally chapter 18 presents a unique study that conducts a DEA research front analysis applying a network clustering method to group the DEA literature over the period 2000 to 2014

Proceedings of the 4th International Conference on Decision Support System Technology - ICDSST 2018 & PROMETHEE DAYS 2018 Panagiota Digkoglou, George Tsaples, Fatima Dargam, Isabelle Linden, Bertrand Mareschal, 2018-05-22

The Elgar Companion to Health Economics Andrew M. Jones, 2012 The Elgar Companion to Health Economics is a comprehensive and accessible look at the field as seen by its leading figures Joseph Newhouse Harvard Medical School US Acclaim for the first edition This Companion is a timely addition It contains 50 chapters from 90 contributors around the world on the topical and policy relevant aspects of health economics there is a balanced coverage of theoretical and empirical materials and conceptual and practical issues I have

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New Directions for Agriculture and Agricultural Research Kenneth A. Dahlberg, 1986 Ethical and value issues The global setting resource environmental and socio economic trends The national setting past and present goals and priorities Assessing neglected dimensions Evaluative concepts in agricultural research Emerging alternatives and their implications Where do we go from here

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