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| Nota di contenuto | Chapter 1. Introduction -- Chapter 2. New Definitions of Economic Cross-Efficiency -- Chapter 3. Evaluating Efficiency in Non-Homogeneous Environments -- Chapter 4. Testing Positive Endogeneity in Inputs in Data Envelopment Analysis -- Chapter 5. Modelling Pollution-Generating Technologies: A Numerical Comparison of Non-Parametric Approaches -- Chapter 6. On the Estimation of Educational Technical Efficiency from Sample Designs: A New Methodology using Robust Nonparametric Models -- Chapter 7. Local Circularity of Six Classic Price Indexes -- Chapter 8. Robust DEA efficiency scores: A heuristic for the combinatorial/probabilistic approach -- Chapter 9. Corporate Social Responsibility and Firms' Dynamic Productivity Change -- Chapter 10. A Novel Two-Phase Approach to Computing a Regional Social Progress Index -- Chapter 11. A Two-Level Top-Down Decomposition of Aggregate Productivity Growth: The Role of Infrastructure -- Chapter 12. European energy efficiency evaluation based on the use of super efficiency under undesirable outputs in SBM models -- Chapter 13. Probability of |

Default and Banking Efficiency. How Does the Market Respond?-
Chapter 14. Measuring Global Municipal Performance in Heterogeneous
Contexts: A Semi-Nonparametric Frontier Approach -- Chapter 15. The
Impact of Land Consolidation on Livestock Production in Asturias´
Parishes: A Spatial Production Analysis.

Sommario/riassunto

This book surveys the state-of-the-art in efficiency and productivity analysis, examining advances in the analytical foundations and empirical applications. The analytical techniques developed in this book for efficiency provide alternative ways of defining optimum outcome sets, typically as a (technical) production frontier or as an (economic) cost, revenue or profit frontier, and alternative ways of measuring efficiency relative to an appropriate frontier. Simultaneously, the analytical techniques developed for efficiency analysis extend directly to productivity analysis, thereby providing alternative methods for estimating productivity levels, and productivity change through time or productivity variation across producers. This book includes chapters using data envelopment analysis (DEA) or stochastic frontier analysis (SFA) as quantitative techniques capable of measuring efficiency and productivity. Across the book's 15 chapters, it broadly extends into popular application areas including agriculture, banking and finance, and municipal performance, and relatively new application areas including corporate social responsibility, the value of intangible assets, land consolidation, and the measurement of economic well-being. The chapters also cover topics such as permutation tests for production frontier shifts, new indices of total factor productivity, and also randomized controlled trials and production frontiers.
