

Cost Effectiveness And Benefit Analysis

This is the first comprehensive book on Military Cost-Benefit Analysis and provides novel approaches to structuring cost-benefit and affordability analysis amidst an uncertain defense environment and cloudy fiscal prospects. Lifting the veil on military Cost-Benefit Analysis, this volume offers several new practical tools designed to guide defense investments (and divestments), combined with a selection of real-world applications. The widespread employment of Cost-Benefit Analysis offers a unique opportunity to transform legacy defense forces into efficient, effective, and accountable 21st century organizations. A synthesis of economics, statistics and decision theory, CBA is currently used in a wide range of defense applications in countries around the world: i) to shape national security strategy, ii) to set acquisition policy, and iii) to inform critical investments in people, equipment, infrastructure, services and supplies. As sovereign debt challenges squeeze national budgets, and emerging threats disrupt traditional notions of security, this volume offers valuable tools to navigate the political landscape, meet calls for fiscal accountability, and boost the effectiveness of defense investments to help guarantee future peace and stability. A valuable resource for scholars, practitioners, novices and experts, this book offers a comprehensive overview of Military Cost-Benefit Analysis and will appeal to anyone interested or involved in improving national security, and will also be of general interest to those responsible for major government programs, projects or policies.

A unique presentation of the basics that are needed to understand cost-benefit analysis and put it to immediate use.

A comprehensive and authoritative introduction to cost-benefit analysis that aims to be readable and user-friendly.

Cost-effectiveness: Practicum

A Cost-effectiveness/cost-benefit Analysis of the Hampton Institute Special Services Program

Applied Methods of Cost-Benefit Analysis in Health Care

Cost-benefit Analysis Sample 2

Cost-Benefit Analysis and the Environment Further Developments and Policy Use

Cost-Benefit Analysis

The past decade has seen increased attention to cost-effectiveness and benefit-cost analysis in education as administrators are being asked to accomplish more with the same or even fewer resources, philanthropists are keen to calculate their "return on investment" in social programs, and the general public is increasingly scrutinizing how resources are allocated to schools and colleges. This text (titled Cost-Effectiveness Analysis in its previous editions) is the only full-length book to provide readers with the step-by-step methods they need to plan and implement a benefit-cost analysis in education. The authors examine a range of issues, including how to identify, measure, and distribute costs; how to measure effectiveness, utility, and benefits; and how to incorporate cost evaluations into the decision-making process. The updates to the Third Edition reflect the considerable methodological development in the evaluation literature, and the greater empiricism practiced by education researchers, to help readers learn to apply more advanced methods to their own analyses. SAGE congratulates author Henry M. Levin, winner of the 2017 AERA Distinguished Contributions to Research in Education Award.

Cost-benefit Analysis of Environmental Health Interventions clearly articulates the core principles and fundamental methodologies underpinning the modern economic assessment of environmental intervention on human health. Taking a practical approach, the book provides a step-by-step approach to assigning a monetary value to the health benefits and disbenefits arising from interventions, using environmental information and epidemiological evidence. It summarizes environmental risk factors and explores how to interpret and understand epidemiological data using concentration-response, exposure-response or dose-response techniques, explaining the environmental interventions available for each environmental risk factor. It evaluates in detail two of the most challenging stages of Cost-Benefit Analysis in 'discounting' and 'accounting for uncertainty'. Further chapters describe how to analyze and critique results, evaluate potential alternatives to Cost-Benefit Analysis, and on how to engage with stakeholders to communicate the results of Cost-Benefit Analysis. The book includes a detailed case study how to conduct a Cost-Benefit Analysis. It is supported by an online website providing solution files and detailing the design of models using Excel. Provides a clear understanding of the core theory of cost-benefit analysis in environmental health interventions Provides practical guidance using real-world case studies to motivate and expand understanding Describes the challenging 'discounting' and 'accounting for uncertainty' problems at chapter length Supported by a practical case study, online solution files, and a practical guide to the design of CBA models using Excel

Handbook of Practical Program Evaluation John Wiley & Sons

Further Developments and Policy Use

Opportunities and Barriers

Basic Cost Benefit Analysis for Assessing Local Public Projects, Second Edition

Cost-effectiveness/benefit Analysis of Postsecondary Vocational Programs: Kim, J. E. Technical report

Guide for Cost-effectiveness and Cost-benefit Analysis of State and Local Ground Water Protection Programs

Theory and practice

This Second Edition of Cost-Effectiveness Analysis continues to provide the most current, step-by-step guide to planning and implementing a cost analysis study. Henry M. Levin and Patrick J. McEwan use detailed and varied examples from studies and articles, ranging from education to public health, to introduce the principles and practice of cost-effectiveness analysis. The authors take account of both the costs and the effects of selecting alternatives, and suggest methods of minimizing the costs of research. New to this edition: expanded coverage of cost effectiveness from types of technique to use, to how to interpret

the data; the latest information on cost benefits analysis and how to relate it to outcome measures; in-depth chapter-end exercises to enable readers to sharpen their ability to evaluate policy options and program effectiveness; feedback appendix for readers to evaluate their responses to exercises; comprehensive bibliography of methodological sources on cost analysis and educational settings grouped by category. This thorough volume primes the reader to deal with any evaluation situation by studying cost-effective analysis in relation to cost-benefit analysis, cost-utility analysis, and cost-feasibility analysis.

In times of economic recession, cost-effectiveness and business evaluation assume a very important role in resource planning. All business ventures discover the need to maximize the utility of their limited supply of funds. Here Levin introduces to administrators and evaluators alike the principles a.

In this book the authors explore the state of the art on efficiency measurement in health systems and international experts offer insights into the pitfalls and potential associated with various measurement techniques. The authors show that: - The core idea of efficiency is easy to understand in principle - maximizing valued outputs relative to inputs, but is often difficult to make operational in real-life situations - There have been numerous advances in data collection and availability, as well as innovative methodological approaches that give valuable insights into how efficiently health care is delivered - Our simple analytical framework can facilitate the development and interpretation of efficiency indicators.

Cost-Effectiveness in Health and Medicine

Quantifying Health Equity Impacts and Trade-Offs

A Primer

Using Cost-effectiveness Analysis to Improve Health Care

How to Make Measurement Matter for Policy and Management

Cost-Effectiveness and Benefit-Cost Analysis

This book provides the reader with a comprehensive set of instructions and examples of how to perform an economic evaluation of a health intervention, focusing solely on cost-effectiveness analysis in healthcare.

This book provides a comprehensive set of instructions and examples of how to perform a cost-benefit analysis (CBA) of a health intervention, with a particular focus on the use of stated preference survey methods to identify consumer preference data and the use of recent developments in cost-effectiveness analysis within a CBA framework.

Much evidence suggests that the US does not achieve good value for its health care spending. This book provides a unique perspective on this problem by considering the economic, social, political, and ethical factors that contribute to it, and by seeking to show how experience can guide better policy making in the future.

Cost Benefit, Cost Effectiveness Analysis

A Practical Approach

The Economic and Political Context of Cost-benefit Analysis

Methods and Applications

Their Application to Urban Public Services and Facilities

STATE of the Practice for Cost-effectiveness Analysis, Cost-benefit Analysis and Resource Allocation

Health inequalities blight lives, generate enormous costs, and exist everywhere. This book is the definitive all-in-one guide for anyone who wishes to learn about, commission, and use distributional cost-effectiveness analysis to promote both equity and efficiency in health and healthcare.

Cost-benefit analysis (CBA) is the systematic and analytical process of comparing benefits and costs in evaluating the desirability of a project or programme - often of a social nature. It attempts to answer such questions as whether a proposed project is worthwhile, the optimal scale of a proposed project and the relevant constraints. CBA is fundamental to government decision making and is established as a formal technique for making informed decisions on the use of society's scarce resources. This timely sixth edition of the classic Cost-Benefit Analysis text continues to build on the successful approach of previous editions, with lucid explanation of key ideas, simple but effective expository short chapters and an appendix on various useful statistical and mathematical concepts and derivatives. The book examines important developments in the discipline, with relevant examples and illustrations as well as new and expanded chapters which build upon standard materials on CBA. Highlights include: updated historical background of CBA extended non-market goods valuation methods the impact of uncertainty evaluation of programmes and services behavioural economics decision rules and heuristics CBA and regulatory reforms CBA in developed and developing countries value of household production other topics frequently encountered in CBA, such as costs of diseases and air pollution, and value of statistical life. This book is a valuable source and guide to international funding agencies, governments, interested professional economists and senior undergraduate and graduate students. The text is fully supported by a companion website, which includes discussion questions and PowerPoint slides for each chapter.

This book, which was first published in 1972, is not a collection of case-studies in cost-benefit analysis, of which there had been already several in use employing techniques of varying degrees of sophistication. Nor is it a manual of instruction with particular orientation for less developed countries, such as those produced under the auspices of the U.N. and the O.E.C.D. What this volume does attempt is to introduce the student of economics to the logic and the concepts used in cost-benefit analysis.

Concepts and Practice

Distributional Cost-Effectiveness Analysis

The Implications of Cost-effectiveness Analysis of Medical Technology

Cost-effectiveness: Technical report

Military Cost-Benefit Analysis

Is Cost Benefit Analysis Beneficial? Is Cost Effectiveness Analysis Effective?

Cost effectiveness. Economics. This is an introduction, accessible to non-economists as well as to economists, to the practice of cost benefit analysis. It begins from a discussion of financial appraisal. The distinguishing features of cost benefit analysis are then introduced progressively. Practical examples are used whenever possible to aid the exposition. Economic theory is introduced only where it is immediately relevant to practice. Nonetheless the approach is firmly grounded in economic principles and considerable space is devoted to those ideas that are central to practical cost benefit analysis - shadow prices, consumers' surplus, and valuation of unmarked goods. The additional needs of economically trained readers are catered for by a number of appendices which relate the ideas expounded in the book to mainstream economic theory.

The field's bestselling reference, updated with the latest tools, data, techniques, and the latest recommendations from the Second Panel on Cost-Effectiveness in Health and Medicine Cost-Effectiveness Analysis in Health is a practical introduction to the tools, methods, and procedures used worldwide to perform cost-effective research. Covering every aspect of a complete cost-effectiveness analysis, this book shows you how to find which data you need, where to find it, how to analyze it, and how to prepare a high-quality report for publication. Designed for the classroom or the individual learner, the material is presented in simple and accessible language for those who lack a biostatistics or epidemiology background, and each chapter includes real-world examples and "tips and tricks" that highlight key information. Exercises throughout allow you to test your understanding with practical application, and the companion website features downloadable data sets for students, as well as lecture slides and a test bank for instructors. This new third edition contains new discussion on meta-analysis and advanced modeling techniques, a long worked example using visual modeling software TreeAge Pro, and updated recommendations from the U.S. Public Health Service's Panel on Cost-Effectiveness in Health and Medicine. This is the second printing of the 3rd Edition, which has been corrected and revised for 2018 to reflect the latest standards and methods. Cost-effectiveness analysis is used to evaluate medical interventions worldwide, in both developed and developing countries. This book provides process-specific instruction in a concise, structured format to give you a robust working knowledge of common methods and techniques. Develop a thoroughly fleshed-out research project Work accurately with costs, probabilities, and models Calculate life expectancy and quality-adjusted life years Prepare your study and your data for publication Comprehensive analysis skills are essential for students seeking careers in public health, medicine, biomedical research, health economics, health policy, and more. Cost-Effectiveness Analysis in Health walks you through the process from a real-world perspective to help you build a skillset that's immediately applicable in the field.

The second edition of Handbook of Practical Program Evaluation offers managers, analysts, consultants, and educators in government, nonprofit, and private institutions a valuable resource that outlines efficient and economical methods for assessing program results and identifying ways to improve program performance. The Handbook has been thoroughly revised. Many new chapters have been prepared for this edition, including chapters on logic modeling and on evaluation applications for small nonprofit organizations. The Handbook of Practical Program Evaluation is a comprehensive resource on evaluation, covering both in-depth program evaluations and performance monitoring. It presents evaluation methods that will be useful at all levels of government and in nonprofit organizations.

Cost-benefit Analysis for Public Sector Decision Makers

Development and Implementation of an Evaluation Model

Cost-effectiveness

Handbook of Practical Program Evaluation

Cost-effectiveness and Cost-benefit Analysis of Air Quality Regulations

Cost-benefit Analysis and Health Care Evaluations

The cost benefit technique is so often referenced in government policy that a correct understanding is necessary for officials entrusted with public decisions. This book presents essential elements for understanding, interpreting, and conducting cost benefit analysis (CBA) in the context of local government. If you're charged with preparing numerical analyses to assess the worthiness of a specific policy proposal, you'll need this book to understand how costs and benefits are identified and analyzed in terms of economic efficiency and resource allocation. CBA is rooted in and has little or no value apart from the economic concepts of cost and resource efficiency. This book is designed to teach the correct use and interpretation of cost benefit analysis, while advising you of CBA's limitations and pitfalls. Case studies, presented in the final chapters of this book, represent typical proposals confronted by local officials. The book also includes instructions for using computer spreadsheets to build basic cost benefit models and an appendix on the step-by-step process of discounting future costs and benefits.

Professor Brent's book is a superb and much-needed text in the field of health care evaluation. The economic approaches for appraisal of health care programs are presented with greater clarity than any other available text. A comprehensive review of cost-minimization, cost-effectiveness analysis, cost utility analysis, and cost benefit analysis is given in a simple and yet very insightful manner that pointedly demonstrates their fundamental principles, methodological requirements, and common linkages for evaluation research. The book skilfully merges theory and application of the economic analyses of health care, combining the latest literature with

adroit illustrations of required methodologies and easily understandable examples that inform the reader of how empirical evaluation research should be conducted. Major evaluation concerns about the appropriateness of discounting health benefits, the appropriate discount (interest) rate, and intangible benefits and costs are critically appraised. Not only is the criterion of economic efficiency of health care programs explored directly and with lucidity, but the important social question of the equity of health interventions is also assessed straightforwardly. Students of health care as well as health policy analysts and administrators are provided with a considerable solid foundation for undertaking evaluation of complex health care issues. In short, Professor Brent has even made the economics of health care evaluation accessible to non-economists in the health care field. Paul L. Solano, University of Delaware, US Cost benefit analysis is the only method of economic evaluation which can effectively indicate whether a health care treatment or intervention is worthwhile. This book attempts to build a bridge between cost benefit analysis, as developed by economists, and the health care evaluation literature which relies on other evaluation approaches such as cost-minimization, cost-effectiveness analysis and cost utility analysis. Robert Brent explains the many different ways in which these other valuation techniques can be converted into cost benefit analysis and examines both the traditional (human capital) and modern (willingness to pay) approaches. Case studies are used throughout to explain and illustrate the various methodologies being examined. The author follows an applied economics approach, in which methods and ideas are evaluated according to practicability and not according to their theoretical purity. Ultimately, he resolves a number of disputes and makes some new, but subtle, contributions by reinterpreting, correcting and extending existing work. The book covers the topic in an accessible manner, from the foundations to the frontiers of the field, and clearly explains all the necessary economic principles along the way. Cost Benefit Analysis and Health Care Evaluations will be invaluable to students and researchers of economics, public policy and health care policy, as well as policymakers and health care practitioners. It can also be used as a comprehensive introductory text by anyone with an interest in cost benefit analysis.

A COMPLETE UPDATE AND REVISION OF THE CLASSIC TEXT "At last, a manual of operations for comparing the cost-effectiveness of a preventive service with a treatment intervention." --American Journal of Preventive Medicine Twenty years after the first edition of COST-EFFECTIVENESS IN HEALTH AND MEDICINE established the practical benchmark for cost-effectiveness analysis, this completely revised edition of the classic text provides an essential resource to a new generation of practitioners, students, researchers, and policymakers. Produced by the Second Panel on Cost-Effectiveness in Health and Medicine--a team of 13 experts from fields including decision science, economics, ethics, psychology, and medicine--this new edition is a comprehensive guide to the use of cost-effectiveness analysis as an evaluative tool at the institutional and policy levels. As health care systems face increasing pressure to derive maximum value from expenditures, the guidelines in this new text represent not just the best information available, but a vital guide to health care decision-making in a challenging new era. Completely revised and enriched with examples and expanded coverage, this second edition of COST-EFFECTIVENESS IN HEALTH AND MEDICINE builds on its predecessor's excellence, offering required reading for both analysts and decision makers.

*Quality Assurance in Mental Health Care as Related to Cost Benefit, Cost Effectiveness, and Productivity Measures
Paper*

Elements of Cost-Benefit Analysis (Routledge Revivals)

National Applications of Cost-effectiveness and Cost-benefit Analysis

The Principles of Practical Cost-benefit Analysis

A Cost-effectiveness Analysis for the Development a a New IT System

This book explores recent developments in environmental cost-benefit analysis (CBA). This is defined as the application of CBA to projects or policies that have the deliberate aim of environmental improvement or are actions that affect, in some way, the natural environment as an indirect consequence

Cost-Effectiveness Analysis in Health

A Practical, Step-by-step, Guide for Nutrition Professionals

Health System Efficiency

A Guide for Cost-effectiveness and Cost-benefit Analysis of State and Local Ground Water Protection Programs

Cost-Benefit Analysis of Environmental Health Interventions