Evaluation and Decision Making for Health Services - James E. Veney 1998-01 Focusing on evaluation as a tool for improved decision making for health services organizations and practitioners, Veney and Kaluzny, both affiliated with the School of Public Health at the University of North Carolina-Chapel Hill, offer a framework for decision making that stresses the importance of evaluation in the entire managerial process.

Evaluation in Decision Making - Naftaly S. Glasman 2012-12-06 This book is about the practice of decision making by school principals and about ways to improve this practice by capitalizing on evaluation dimensions. Much has been written on decision making but surprisingly little on decision making in the school principalship. Much has been also written on evaluation as well as on evaluation and decision making, but not much has been written on evaluation in decision making, especially decision making in the principalship. This book presents two messages. One is that decision making in the principalship can be studied and improved and not only talked about in abstract terms. The other message is that evaluation can contribute to the understanding of decision making in the principalship and to the improvement of its practice. In this book we call for the conception of an evaluation-minded principal, a principal who has a wide perspective on the nature of evaluation and its potential benefits, a principal who is also inclined to use evaluation perceptions and techniques as part of his/her decision-making process. This book was conceived in 1985 with the idea to combine thoughts about educational administration with thoughts about educational evaluation. Studies of decision making in the principalship had already been on their way. We decided to await the findings, and in the meantime we wrote a first conceptual version of evaluation in decision making. As the studies were completed we wrote a first empirical version of same.

Curriculum-based Evaluation - Kenneth W. Howell 2000 This book presents clear and functional techniques for deciding what students with learning disabilities should be taught and how. This book can also function as a tool to assist pre-service teachers (students) with deciding how to teach and what to teach to regular/non-special education children.

A Strategy of Decision - David Braybrooke 1963 Retells in verse the adventures of a little girl who meets a wolf in the forest on her way to visit her grandmother.
Evaluation and the Decision Making Process in Higher Education - Organisation de coopération et de développement économiques 1994 Interest in evaluating higher education is growing in OECD countries today. This report focuses on evaluation as an essential element of an institution’s decision-making processes aimed at improving the quality of activities. It reviews higher education evaluation in France, Germany and Spain - three countries with a common tradition of strong government authority in higher education.

Transportation Decision Making - Kumares C. Sinha 2011-09-09 This pioneering text provides a holistic approach to decision making in transportation project development and programming, which can help transportation professionals to optimize their investment choices. The authors present a proven set of methodologies for evaluating transportation projects that ensure that all costs and impacts are taken into consideration. The text's logical organization gets readers started with a solid foundation in basic principles and then progressively builds on that foundation. Topics covered include: Developing performance measures for evaluation, estimating travel demand, and costing transportation projects. Performing an economic efficiency evaluation that accounts for such factors as travel time, safety, and vehicle operating costs. Evaluating a project's impact on economic development and land use as well as its impact on society and culture. Assessing a project's environmental impact, including air quality, noise, ecology, water resources, and aesthetics. Evaluating alternative projects on the basis of multiple performance criteria. Programming transportation investments so that resources can be optimally allocated to meet facility-specific and system-wide goals. Each chapter begins with basic definitions and concepts followed by a methodology for impact assessment. Relevant legislation is discussed and available software for performing evaluations is presented. At the end of each chapter, readers are provided resources for detailed investigation of particular topics. These include Internet sites and publications of international and domestic agencies and research institutions. The authors also provide a companion Web site that offers updates, data for analysis, and case histories of project evaluation and decision making. Given that billions of dollars are spent each year on transportation systems in the United States alone, and that there is a need for thorough and rational evaluation and decision making for cost-effective system preservation and improvement, this text should be on the desks of all transportation planners, engineers, and educators. With exercises in every chapter, this text is an ideal coursebook for the subject of transportation systems analysis and evaluation.

Models in Environmental Regulatory Decision Making - National Research Council 2007-08-25 Many regulations issued by the U.S. Environmental Protection Agency (EPA) are based on the results of computer models. Models help EPA explain environmental phenomena in settings where direct observations are limited or unavailable, and anticipate the effects of agency policies on the environment, human health and the economy. Given the critical role played by models, the EPA asked the National Research Council to assess scientific issues related to the agency's selection and use of models in its decisions. The book recommends a series of guidelines and principles for improving agency models and decision-making processes. The centerpiece of the book's recommended vision is a life-cycle approach to model evaluation which includes peer review, corroboration of results, and other activities. This will enhance the agency's ability to respond to requirements from a 2001 law on information quality and improve policy development and implementation.

Life Cycle Sustainability Assessment for Decision-Making - Jingzheng Ren 2019-11-19 Life Cycle Sustainability Assessment for Decision-Making: Methodologies and Case Studies gives readers a comprehensive introduction to life cycle sustainability assessment (LCSA) methodology for sustainability measurement of industrial systems, proposing an efficiency methodology for stakeholders and decision-makers. Featuring the latest methods and case studies, the book will assist researchers in environmental sciences and energy to develop the best methods for LCSA, as well as aiding those practitioners who are responsible for making decisions for promoting sustainable development. The past, current status, and future of LCSA, Life Cycle Assessment method (LCA), Life Cycle Costing (LCC), Social
Life Cycle Assessment (SLCA), the methodology of LCSA, typical LCSA case studies, limitations of LCSA, and life cycle aggregated sustainability index methods are all covered in this multidisciplinary book. Includes models for assessing sustainability in environmental, energy engineering and economic scenarios Features case studies that help define the advantages and obstacles of real world applications Presents a complete view, from theory to practice, of a life cycle approach by exploring the methods and tools of sustainability assessment, analysis and design of sustainability assessment.

**Decision Making and Performance Evaluation Using Data Envelopment Analysis**

Dariush Khezrimotlagh 2018-05-03

This book offers new transparent views and step-by-step methods for performance evaluation of a set of units using Data Envelopment Analysis (DEA). The book has twelve practical chapters. Elementary concepts and definitions are gradually built in Chapters 1-6 based upon four examples of one input and one output factors, two input factors, two output factors, and four input and three output factors. Simultaneously, the mathematical foundations using linear programming are also introduced without any prerequisites. A reader with basic knowledge of mathematics and computers is able to understand the contents of the book. In addition, to prevent pre-judgment about the available concepts and definitions in the DEA literature, some new phrases are introduced and, after elucidating each phrase in detail in Chapters 1-6, they are reintroduced for industry-wide accuracy in Chapter 7. After that, some of the more advanced DEA topics are illustrated in Chapters 8-12, such as: production-planning problems, output-input ratio analysis, efficiency over different time periods, Malmquist efficiency indexes, and a delta neighborhood model. A clear overview of many of the elementary and advanced concepts of DEA is provided, including Technical Efficiency, Relative Efficiency, Cost/Revenue/Profit Efficiency, Price/Overall Efficiency, the DEA axioms, the mathematical background to measure technical efficiency and overall efficiency, the multiplier/envelopment form of basic DEA models in input/output-orientation, the multiplier/envelopment of Additive DEA model, the multiplier/envelopment of slacks-based models, and others. The book also covers a variety of DEA techniques, input-output ratio analysis, the natural relationships between DEA frontier and the ratio of output to input factors, production-planning problems, planning ideas with a centralized decision-making unit, context-dependent DEA, Malmquist efficiency index, efficiency over different time periods, and others. End-of-chapter exercises are provided for each chapter.

**Educational Goods**

Harry Brighouse 2018-01-24

This book, jointly authored by two distinguished philosophers and two prominent social scientists, has an ambitious aim: to improve decision-making in education policy. First they dive into the goals of education policy and explain the terms "educational goods" and "childhood goods," adding precision and clarity to the discussion of the distributive values that are essential for good decision-making about education. Then they provide a framework for individual decision-makers that enables them to combine values and evidence in the evaluation of educational policy options. Finally they delve into the particular policy issues of school finance, school accountability, and school choice, and they show how decision makers might approach them in the light of this decision-making framework. The authors are not advocated particular policy choices, however. The focus instead is a smart framework that will make it easier for policymakers (and readers) to identify and think through what they disagree with others about.

**Public Participation in Environmental Assessment and Decision Making**

National Research Council 2008-11-07

Federal agencies have taken steps to include the public in a wide range of environmental decisions. Although some form of public participation is often required by law, agencies usually have broad discretion about the extent of that involvement. Approaches vary widely, from holding public information-gathering meetings to forming advisory groups to actively including citizens in making and implementing decisions. Proponents of public participation argue that those who must live with
the outcome of an environmental decision should have some influence on it. Critics maintain that public participation slows decision making and can lower its quality by including people unfamiliar with the science involved. This book concludes that, when done correctly, public participation improves the quality of federal agencies' decisions about the environment. Well-managed public involvement also increases the legitimacy of decisions in the eyes of those affected by them, which makes it more likely that the decisions will be implemented effectively. This book recommends that agencies recognize public participation as valuable to their objectives, not just as a formality required by the law. It details principles and approaches agencies can use to successfully involve the public.

Grey Game Theory and Its Applications in Economic Decision-Making—Zhigeng Fang 2016-04-19 To make the best decisions, you need the best information. However, because most issues in game theory are grey, nearly all recent research has been carried out using a simplified method that considers grey systems as white ones. This often results in a forecasting function that is far from satisfactory when applied to many real situations. Grey Game Theory and Its Applications in Economic Decision Making introduces classic game theory into the realm of grey system theory with limited knowledge. The book resolves three theoretical issues: A game equilibrium of grey game A reasonable explanation for the equilibrium of a grey matrix of static nonmatrix game issues based on incomplete information The Centipede Game paradox, which has puzzled theory circles for a long time and greatly enriched and developed the core methods of subgame Nash perfect equilibrium analysis as a result The book establishes a grey matrix game model based on pure and mixed strategies. The author proposes the concepts of grey saddle points, grey mixed strategy solutions, and their corresponding structures and also puts forward the models and methods of risk measurement and evaluation of optimal grey strategies. He raises and solves the problems of grey matrix games. The book includes definitions of the test rules of information distortion experienced during calculation, the design of tokens based on new interval grey numbers, and new arithmetic laws to manipulate grey numbers. These features combine to provide a practical and efficient tool for forecasting real-life economic problems.

Sustainability Concepts in Decision-Making—Committee on Scientific Tools and Approaches for Sustainability 2014-09-10 "Sustainability Concepts in Decision-Making: Tools and Approaches for the U.S. Environmental Protection Agency examines scientific tools and approaches for incorporating sustainability concepts into assessments used to support EPA decision making. Using specific case studies, this report considers the application of analytic and scientific tools, methods, and approaches presented in the 2011 NRC report Sustainability and the U.S. EPA. This report examines both currently available and emerging tools, methods, and approaches to find those most appropriate for assessing and/or evaluating potential economic, social and environmental outcomes within an EPA decision context. Sustainability Concepts in Decision Making also discusses data needs and post-decision evaluation of outcomes on dimensions of sustainability. A broad array of sustainability tools and approaches are suitable for assessing potential environmental, social, and economic outcomes in EPA's decision-making context."—Publisher's description.

Give Yourself a Nudge—Ralph L. Keeney 2020-04-23 The best way to improve your quality of life is through the decisions you make. This book teaches several fundamental decision-making skills, provides numerous applications and examples, and ultimately nudges you toward smarter decisions. These nudges frame more desirable decisions for you to face by identifying the objectives for your decisions and generating superior alternatives to those initially considered. All of the nudges are based on psychology and behavioral economics research and are accessible to all readers. The new concept of a decision opportunity is introduced, which involves creating a decision that you desire to face. Solving a decision opportunity improves your life, whereas resolving a decision problem only restores the quality of your life to that before the decision problem occurred. We all can improve our decision-making and reap the better quality of life that results. This book shows you how.

Decision Making Evaluation the Ultimate Step-By-Step Guide—Gerardus Blokdyk
Evaluation Use and Decision-Making in Society

Christina A. Christie 2015-06-01 This volume addresses a fundamental and highly debated issue in the evaluation field - the use of evaluation information for decision-making. Chapter authors honor the contributions of Professor Marvin C. Alkin to the evaluation use literature and advance our thinking on the topic by exploring a wide range of issues related to the theoretical and practical challenges of using evaluation information to make informed, evidence-based decisions. Readers will come away from this volume with a new and clearer understanding of the theoretical, contextual, methodological, and political dimensions of use and with direction for practice. Chapters are written by leading evaluation scholars, including Ernest House; Stewart Donaldson and Tarek Azzam; Eric Barela; Richard D. Nunneley, Jr., Jean A. King, Kelli Johnson, and Laura Pejsa; Eleanor Chelimsky; Michael Quinn Patton; and Wanda D. Casillas, Rodney K. Hopson and Ricardo L. Gomez. Evaluation Use and Decision-Making in Society: A Tribute to Marvin C. Alkin will be of great interest to evaluation students, scholars and practitioners. This volume has scholarly application for those who desire a state-of-the-art resource for the latest insights and perspectives on one of the most pressing issues that the evaluation field faces today, while also serving as a useful guide for both novice and experienced evaluation practitioners. It is appropriate for use in a variety of evaluation courses including Introduction to Evaluation and...
Procedural Issues in Evaluation as well as topical seminars such as Evaluation Use and Decision-Making.

Risk Assessment and Decision Making in Business and Industry-Glenn Koller 2005-03-30
Building upon the technical and organizational groundwork presented in the first edition, Risk Assessment and Decision Making in Business and Industry: A Practical Guide, Second Edition addresses the many aspects of risk/uncertainty (R/U) process implementation. This comprehensive volume covers four broad aspects of R/U: general concepts, i

Educational Evaluation and Decision Making- 1971

Evaluation in Translation-Jeremy Munday 2012-06-14
In this book, Jeremy Munday presents advances towards a general theory of evaluation in translator decision-making that will be of high importance to translator and interpreter training and to descriptive translation analysis. By ‘evaluation’ the author refers to how a translator’s subjective stance manifests itself linguistically in a text. In a world where translation and interpreting function as a prism through which opposing personal and political views enter a target culture, it is crucial to investigate how such views are processed and sometimes subjectively altered by the translator. To this end, the book focuses on the translation process (rather than the product) and strives to identify more precisely those points where the translator is most likely to express judgment or evaluation. The translations studied cover a range of languages (Arabic, Chinese, Dutch, French, German, Indonesian, Italian, Japanese, Russian, Spanish and American Sign Language) accompanied by English glosses to facilitate comprehension by readers. This is key reading for researchers and postgraduates studying translation theory within Translation and Interpreting Studies.

Policy Evaluation and Decision Making- Richard Culver Brace 1974

Theory of Science and Technology Transfer and Applications-Sifeng Liu 2016-04-19

Constructive Suggestions for Efficiently Implementing Technology Transfer Theory of Science and Technology Transfer and Applications presents the mechanisms, features, effects, and modes of technology transfer. It addresses the measurement, cost, benefit, optimal allocation, and game theory of technology transfer, along with the dynamics of the technical diffusion field. The book explores the concept of technology transfer and its mechanism as the main theme. It measures the cost and benefit of technology transfer, analyzes technology transfer based on technical diffusion field theory, and presents case studies to illustrate the use of a linear programming model and government investment and planning model. The authors also offer strategic analyses that utilize game models and discuss the impact of technology transfer on economic growth. Accompanied by economic globalization, globalization in technology enables the rational allocation and flow of the elements of technology without restrictions, which in turn allows the sharing of technological activities and the space flow of technology more frequently. This book focuses on the creation and development of advanced productivities. Through many real-world examples, it shows how to implement technology transfer in society, leading technology to become socially and economically valued.

Noise-Daniel Kahneman 2021-05-18
From the Nobel Prize-winning author of Thinking, Fast and Slow and the coauthor of Nudge, a revolutionary exploration of why people make bad judgments and how to make better ones--"a tour de force" (New York Times). Imagine that two doctors in the same city give different diagnoses to identical patients—or that two judges in the same courthouse give markedly different sentences to people who have committed the same crime. Suppose that different interviewers at the same firm make different decisions about indistinguishable job applicants—or that when a company is handling customer complaints, the resolution depends on who happens to answer the phone. Now imagine that the same doctor, the same judge, the same interviewer, or the same customer service agent makes different decisions depending on whether it is morning or afternoon, or Monday rather than Wednesday. These are examples of noise: variability in judgments that should be identical. In Noise, Daniel Kahneman, Olivier Sibony, and Cass R.
Sunstein show the detrimental effects of noise in many fields, including medicine, law, economic forecasting, forensic science, bail, child protection, strategy, performance reviews, and personnel selection. Wherever there is judgment, there is noise. Yet, most of the time, individuals and organizations alike are unaware of it. They neglect noise. With a few simple remedies, people can reduce both noise and bias, and so make far better decisions. Packed with original ideas, and offering the same kinds of research-based insights that made Thinking, Fast and Slow and Nudge groundbreaking New York Times bestsellers, Noise explains how and why humans are so susceptible to noise in judgment—and what we can do about it.

Educational evaluation. Decision making-1971

Decision Making Process Model-Dorothy Jeremiah Jackson 1976

Evaluation- 1993

Variations in the Utilization of Evaluation Research in Federal Decision-making-Nancy Jane Brennan 1976


Decision Modelling for Health Economic Evaluation-Andrew Briggs 2006-08-17 In financially constrained health systems across the world, increasing emphasis is being placed on the ability to demonstrate that health care interventions are not only effective, but also cost-effective. This book deals with decision modelling techniques that can be used to estimate the value for money of various interventions including medical devices, surgical procedures, diagnostic technologies, and pharmaceuticals. Particular emphasis is placed on the importance of the appropriate representation of uncertainty in the evaluative process and the implication this uncertainty has for decision making and the need for future research. This highly practical guide takes the reader through the key principles and approaches of modelling techniques. It begins with the basics of constructing different forms of the model, the population of the model with input parameter estimates, analysis of the results, and progression to the holistic view of models as a valuable tool for informing future research exercises. Case studies and exercises are supported with online templates and solutions. This book will help analysts understand the contribution of decision-analytic modelling to the evaluation of health care programmes. ABOUT THE SERIES: Economic evaluation of health interventions is a growing specialist field, and this series of practical handbooks will tackle, in-depth, topics superficially addressed in more general health economics books. Each volume will include illustrative material, case histories and worked examples to encourage the reader to apply the methods discussed, with supporting material provided online. This series is aimed at health economists in academia, the pharmaceutical industry and the health sector, those on advanced health economics courses, and health researchers in associated fields.

Multi-criteria Decision-making Models for Website Evaluation-Yakup Akgl

Decision-Making Support Systems: Achievements and Challenges for the New Decade-Forgionne, Guiseppe A. 2002-07-01 Annotation The book presents state-of-the-art knowledge about decision-making support systems (DMSS). Its main goals are to provide a compendium of quality chapters on decision-making support systems that help diffuse scarce knowledge about effective methods and strategies for successfully designing, developing, implementing, and evaluating decision-making support systems, and to create an awareness among readers about the relevance of decision-making support systems in the current complex and dynamic management environment.


The Influence of Economic Evaluation Studies on Health Care Decision-making-J. Matthias Graf Von Der Schulenburg 2000 Despite the growing activity in the field of health
economics very little is known about the influence of economic evaluation studies on health-care decision-making in the EU member states. Several investigations about the impact of health economic studies on decision-making have been done, but most of them did not involve decision-makers themselves. In this work the results of the EUROMET survey are reported and discussed. To allow an international perspective, different types of decision-makers in nine European countries were surveyed. Besides the extent of knowledge about economic evaluation, the actual and potential use of study results as well as barriers and incentives for the use of economic evaluation studies had been investigated.


Aesthetic Evaluations in a Public Decision-making Context - Stephanie Ann Clegg 1984

Evaluation of CDC Wonder for Public Health Decision Making - 1996

The Influence of Program Evaluation on School Board Decision Making - G. Todd Vanek 2004

Decision Making in Behavioral Emergencies - Phillip M. Kleespies 2014-01-01 "In this volume, I describe a model for acquiring skill and attaining competence in evaluating and managing behavioral emergencies. The model involves having a knowledge base as described in the book by Kleespies (2009), but beyond that it requires considerably more. Thus, it involves learning a decision-making strategy that is suited to intense, high-pressure, time-limited conditions such as those that can occur when patients may be at imminent risk of life-threatening behavior. It involves a gradated type of stress training (SET or stress exposure training) that enables the clinician-in-training to avoid becoming overwhelmed and allows him or her to gain key emergency-related experiences. These experiences prime the clinician to be able to quickly "size up" future crises and emergencies and respond to them more rapidly and effectively. The gradated approach to training further allows the clinician to begin to see these high-pressure situations as challenges that can be managed rather than as anxiety-provoking situations that seem beyond his or her capability. As noted in various places in this volume, behavioral emergencies force clinicians to confront what can be life-and-death decisions. If there is a negative outcome, serious clinical, ethical, legal, and professional questions can be raised about the management of the case. As pointed out, there have been numerous calls to action to improve the training of mental health clinicians in suicide risk assessment and intervention. These calls have largely gone unheeded (Schmitz et al., 2012). There is little reason to think that training in the evaluation and management of potential patient violence is appreciably better. In this vein, is it not time for professional psychology to embrace training and competence in such a critical area of practice as the assessment and management of patient life-threatening behaviors?"--Book. (PsycINFO Database Record (c) 2014 APA, all rights reserved).

Evaluation and Decision Models with Multiple Criteria - Denis Bouyssou 2006-06-07

Formal decision and evaluation models are so widespread that almost no one can pretend not to have used or suffered the consequences of one of them. This book is a guide aimed at helping the analyst to choose a model and use it consistently. A sound analysis of techniques is proposed and the presentation can be extended to most decision and evaluation models as a "decision aiding methodology".