Decision Modelling for Health Economic Evaluation (Handbooks in Health Economic Evaluation)

Andrew Briggs, Karl Claxton, Mark Sculpher
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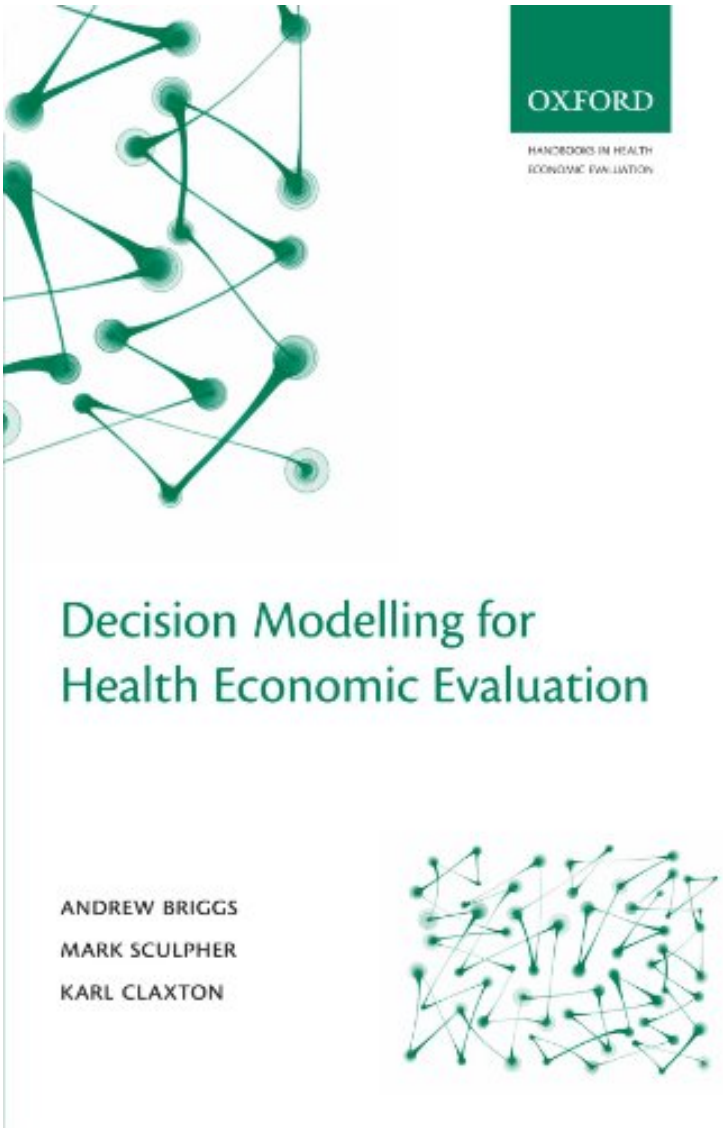

#104928 in Books imusti 2006-09-28Original language:EnglishPDF # 1 6.10 x .50 x 9.20l, .88 #File Name: 0198526628256 pagesOxford University Press USA | File size: 67.Mb

Andrew Briggs, Karl Claxton, Mark Sculpher : Decision Modelling for Health Economic Evaluation (Handbooks in Health Economic Evaluation) before purchasing it in order to gage whether or not it would be worth my time, and all praised Decision Modelling for Health Economic Evaluation (Handbooks in Health Economic Evaluation):

0 of 0 people found the following review helpful. but this wasn't that useful.By Marc J. VandenplasI'm neutral on this one. Healthcare modeling is my mien, but this wasn't that useful.3 of 3 people found the following review helpful. Perfect text bookBy Francesc Soriothis is must for people starting on modeling (health economics)Very clear explanations. Starting from a pretty basic level dut going deep enought to get a good understanding on the rationale and procedures in modeling5 of 6 people found the following review helpful. Excellent Book on Advanced Outcomes ResearchBy A. B. CostThis is a very strong book on advanced applied outcomes/cost-effectiveness research. I suppose this would not be the first thing I gave an undergraduate with no background in health or health economic research to use to learn applied cost-effectiveness, but it IS what I give to my research assistants when they come to work for me.There are many, many remedial and beginning books on this subject. The author's here are to be commended for trying to push the field forward towards using more rigorous evaluation methods. There are applied exercises that provide code to interested students who would like to learn how to create their own cost-effectiveness analyses.It is difficult to argue with the person who called this a manual for health care rationing. There are some in the United States, generally funded by the pharmaceutical or medical device industries, always Republican, who simply reject the notion of rigorously evaluating any health care expenditure for value and utility. These same people often wear three cornered hats, carry don't tread on me flags, and scream about the deficit without any comprehensive that health expenditures are the cause of our deficit. Its an incoherent position and one that has no place denigrating a strong book such as this one.

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.

An advanced, practical guide to the use of probabilistic decision modelling techniques, written by authors at the forfront of developments in this field... Given that NICE recommend the use of probabilistic methods, this book is undoubtedly a welcome handbook for health technology analysts requiring technical details on decision-analytic modelling. * International Journal of Epidemiology, *About the AuthorAndrew Briggs was appointed to the Lindsay Chair in Health Policy and Economic Evaluation in June 2005. Previously he held the position of Reader in Health Economics at the University of Oxford's Health Economic Research Centre (HERC). Karl Claxton holds an adjunct appointment at Harvard as an Assistant Professor of Health and Decision Sciences. He is part of a committee that appraises new and existing health care technologies and issues guidance for the NHS on the use of these technologies. He has also contributed to the Task Group which developed guidance for the appraisal of health technologies for NICE. He is co-editor of the Journal of Health Economics. Mark Sculpher is Director of the Programme on Economic Evaluation and Health Technology Assessment at the University of York. He has previously worked at the Health Economics Research Group at Brunel University, and in the Department of Clinical Epidemiology and Biostatistics at McMaster University in Canada. He is a member of the NICE Technology Appraisal Committee and he chaired NICE's Task Group on methods guidance for economic evaluation. He is also a member of the Commissioning Board for the NHS Health Technology Assessment programme. He is on the editorial boards of Medical Decision Making, Health Expectations and the Journal of Applied Health Economics and Policy.