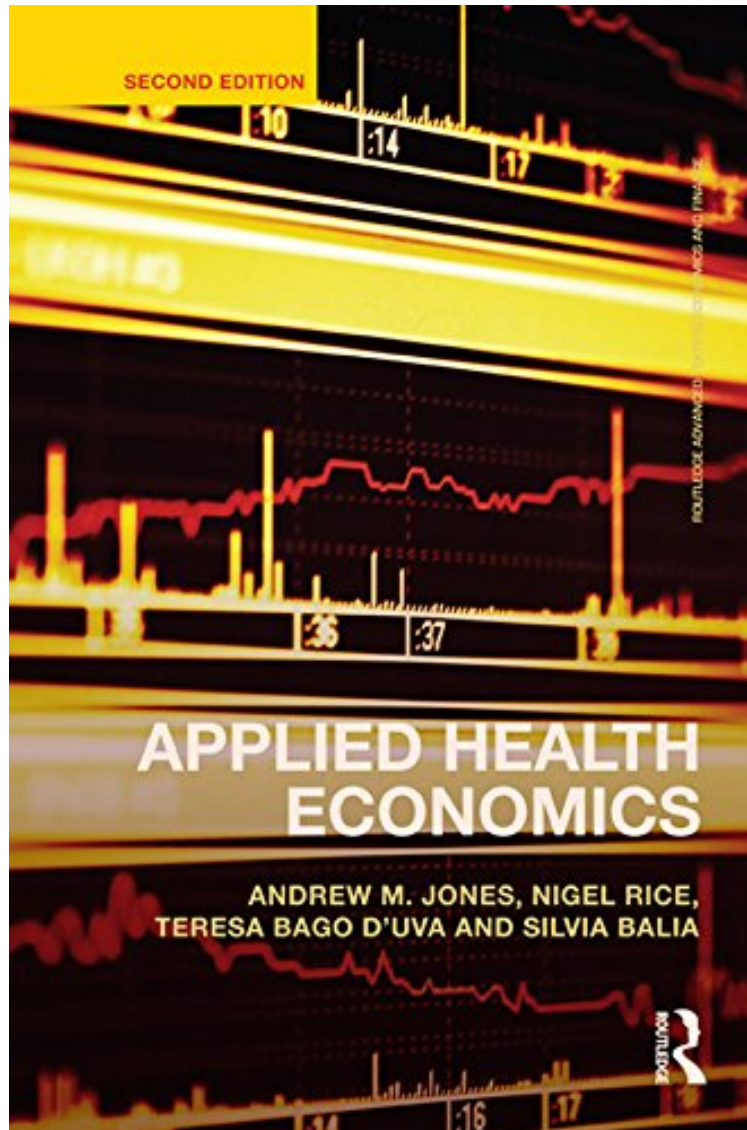


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Applied Health Economics (Routledge Advanced Texts in Economics and Finance)

Andrew M. Jones, Nigel Rice, Teresa Bago d'Uva, Silvia Balia
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Andrew M. Jones, Nigel Rice, Teresa Bago d'Uva, Silvia Balia : Applied Health Economics (Routledge Advanced Texts in Economics and Finance) before purchasing it in order to gauge whether or not it would be worth my time, and all praised Applied Health Economics (Routledge Advanced Texts in Economics and Finance):

2 of 2 people found the following review helpful. Good Book with a Serious Problem By Dennis Hanseman This is quite a good book with lots of interesting information and helpful Stata code. However, it has one serious flaw that seems to have been carried over from Jones' book "Applied Econometrics for Health Economists". That is, the present

book makes extensive use of data from surveys. These surveys incorporate stratification, clustering, and -- presumably -- unequal probabilities of selection. Rather than taking the design characteristics into account, Jones and his coauthors analyze this data as if it came from a simple random sample. As a result, the estimates they derive are likely to be biased, with overstated significance levels. This is a shame, since it is quite easy in Stata to adjust estimates for the characteristics of sample design.

The first edition of *Applied Health Economics* did an expert job of showing how the availability of large scale data sets and the rapid advancement of advanced econometric techniques can help health economists and health professionals make sense of information better than ever before. This second edition has been revised and updated throughout and includes a new chapter on the description and modelling of individual health care costs, thus broadening the book's readership to those working on risk adjustment and health technology appraisal. The text also fully reflects the very latest advances in the health economics field and the key journal literature. Large-scale survey datasets, in particular complex survey designs such as panel data, provide a rich source of information for health economists. They offer the scope to control for individual heterogeneity and to model the dynamics of individual behaviour. However, the measures of outcome used in health economics are often qualitative or categorical. These create special problems for estimating econometric models. The dramatic growth in computing power over recent years has been accompanied by the development of methods that help to solve these problems. The purpose of this book is to provide a practical guide to the skills required to put these techniques into practice. Practical applications of the methods are illustrated using data on health from the British Health and Lifestyle Survey (HALS), the British Household Panel Survey (BHPS), the European Community Household Panel (ECHP), the US Medical Expenditure Panel Survey (MEPS) and Survey of Health, Ageing and Retirement in Europe (SHARE). There is a strong emphasis on applied work, illustrating the use of relevant computer software with code provided for Stata. Familiarity with the basic syntax and structure of Stata is assumed. The Stata code and extracts from the statistical output are embedded directly in the main text and explained at regular intervals. The book is built around empirical case studies, rather than general theory, and the emphasis is on learning by example. It presents a detailed dissection of methods and results of some recent research papers written by the authors and their colleagues. Relevant methods are presented alongside the Stata code that can be used to implement them and the empirical results are discussed at each stage. This text brings together the theory and application of health economics and econometrics, and will be a valuable reference for applied economists and students of health economics and applied econometrics.

'Jones et al. provide an excellent introduction to the methods used by health economists for the statistical analysis of survey data ... Notwithstanding the health focus, the book will be a useful handbook for advanced undergraduates, graduate students, and researchers in many fields in addition to health.' - Stephen P. Jenkins, *The Stata Journal*; 'I would strongly recommend using *Applied Health Economics* on advanced undergraduate and postgraduate courses in health economics.' - Martin Karlsson, Institute of Ageing, University of Oxford, UK
About the Author
Andrew M. Jones is Professor of Economics at the University of York, UK, where he is also Head of the Department of Economics and Related Studies. Nigel Rice is Professor of Health Economics and Director of the Health, Econometrics and Data Group (HEDG) at the Centre for Health Economics, University of York, UK. Teresa Bago d'Uva is an Associate Professor in the Department of Applied Economics at the Erasmus School of Economics, The Netherlands. Silvia Balia is an Assistant Professor at the Department of Economics and Business and Social Research and a researcher at the Centre for North-South Economic Research (CRENoS) at the University of Cagliari, Italy.