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Nota di contenuto

Cover; Title; Copyright; Contents; List of illustrations; Preface; Acknowledgements; Introduction; PART I Describing and summarising data; 1 Data and survey design; 1.1 The Health and Lifestyle Survey; 1.2 The British Household Panel Survey; 1.3 The European Community Household Panel; 1.4 The US Medical Expenditure Panel Survey; 1.5 Survey of Health, Ageing and Retirement in Europe; 1.6 Overview; 2 Describing the dynamics of health; 2.1 Introduction; 2.2 Graphical analysis; 2.3 Tabulating the data; 2.4 Overview; 3 Describing health care costs; 3.1 Introduction; 3.2 Data description; 3.3 Modelling health care cost data; 3.4 Linear regression models; 3.5 Overview; PART II Categorical data; 4 Reporting heterogeneity in health; 4.1 Introduction; 4.2 Data; 4.3 Standard analysis; 4.4 Using vignettes; 4.5 Overview; Appendix; 5 Health and lifestyles; 5.1 Introduction; 5.2 HALS data and sample; 5.3 Descriptive analysis; 5.4 Estimation strategy and results; 5.5 Overview; PART III Duration data; 6 Smoking and mortality; 6.1 Introduction; 6.2 Basic concepts of duration analysis; 6.3 The HALS data; 6.4 Duration data in HALS; 6.5 Descriptive statistics; 6.6 Duration models; 6.7 Overview; 7 Health and retirement; 7.1 Introduction; 7.2 Preparing and summarising the data; 7.3 Dealing with self-reported health; 7.4 Empirical approach to duration modelling; 7.5 Stock sampling and discrete-time hazard analysis; 7.6 Overview; PART IV Panel data; 8 Health and wages; 8.1 Introduction; 8.2 BHPS sample and variables; 8.3 Empirical model and estimation; 8.4 Overview; Appendix; 9 Modelling the dynamics of health; 9.1 Introduction; 9.2 Static models; 9.3 Dynamic models; 9.4 Overview; 10 Non-response and attrition bias; 10.1 Introduction; 10.2 Testing for non-response bias; 10.3 Estimation; 10.4 Overview; Appendix; PART V Health care data; 11 Models for count data; 11.1 Introduction; 11.2 The Poisson model; 11.3 The negative binomial model; 11.4 Zero-inflated models; 11.5 Hurdle models; 11.6 Finite mixture/latent class models; 11.7 Latent class models for panel data; 11.8 Overview; Appendix; 12 Modelling health care costs; 12.1 Introduction; 12.2 Exponential conditional mean models; 12.3 Generalised linear models; 12.4 Finite mixture models; 12.5 Comparing model performance; 12.6 Overview; Bibliography; Index

Sommario/riassunto

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