

1. Record Nr.	UNINA9910555235703321
Autore	Devlin Nancy
Titolo	Value sets for EQ-5D-5L : a compendium, comparative review & user guide // N. J. Devlin, Bram Roudijk, Kristina Ludwig, editors
Pubbl/distr/stampa	Cham, : Springer Nature, 2022 Cham, : Springer International Publishing AG, , 2022 ©2022
ISBN	3-030-89289-1
Descrizione fisica	1 online resource (290 pages)
Altri autori (Persone)	RoudijkBram LudwigKristina
Soggetti	Data sets Medical economics Quality of life - Research Questionnaires - Data processing Social issues & processes Health economics Qualitat de vida Enquestes Conjunts de dades Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Foreword by Michael Drummond -- Foreword by Kim Rand -- Preface -- Acknowledgements -- Contents -- About the Editors -- Contributors -- Chapter 1: The Development of the EQ-5D-5L and its Value Sets -- 1.1 The EQ-5D as an Instrument for Measuring and Valuing Health -- 1.2 The Development of the EQ-5D-5L -- 1.3 The need for EQ-5D-5L Values -- 1.4 The Aims of this Book -- References -- Chapter 2: The Development and Strengthening of Methods for Valuing EQ-5D-5L - An Overview -- 2.1 Development of the EQ-VT Protocol -- 2.2 Description of the EQ-VT Protocol -- 2.2.1 Contents of the Protocol -- 2.2.2 Why the cTTO Task

was Adopted -- 2.2.3 Why the DCE Task was Adopted -- 2.2.4 Value Set Generation -- 2.3 How the EQ-VT Protocol Updates Evolved -- 2.4 Lessons Learned -- 2.5 Concluding Remarks -- References -- Chapter 3: Experimental Design for the Valuation of the EQ-5D-5L -- 3.1 Introduction -- 3.2 EQ-VT Designs -- 3.2.1 cTTO Design -- 3.2.2 DCE Design -- 3.2.3 Other Considerations -- 3.3 Alternative cTTO Designs -- 3.4 Future Research -- Appendices -- Appendix A: Construction for Level Balance Optimisation Criterion -- Appendix B: The cTTO design of the EQ-VT -- Appendix C: The DCE design of the EQ-VT -- Appendix D: The Design Used in the Peruvian EQ-5D-5L Valuation Study -- References -- Chapter 4: EQ-5D-5L Value Set Summaries -- 4.1 Introduction -- 4.2 Methods -- 4.3 Country-by-Country Overview of Value Sets -- 4.3.1 Wave 1 -- 4.3.1.1 Country/Region: Canada (Table 4.1) -- 4.3.1.2 Country/Region: China (Table 4.5) -- 4.3.1.3 Country/Region: England (Table 4.9) -- 4.3.1.4 Country/Region: Netherlands (Table 4.13) -- 4.3.1.5 Country/Region: Spain (Table 4.17) -- 4.3.2 Wave 2 -- 4.3.2.1 Country/Region: Japan (Table 4.21) -- 4.3.2.2 Country/Region: Korea (Table 4.25) -- 4.3.2.3 Country/Region: Thailand (Table 4.29).
4.3.2.4 Country/Region: Uruguay (Table 4.33) -- 4.3.2.5 Country/Region: Hong Kong (Table 4.37) -- 4.3.3 Wave 3 -- 4.3.3.1 Country/Region: France (Table 4.41) -- 4.3.3.2 Country/Region: Germany (Table 4.45) -- 4.3.3.3 Country/Region: Indonesia (Table 4.49) -- 4.3.3.4 Country/Region: Ireland (Table 4.53) -- 4.3.3.5 Country/Region: Malaysia (Table 4.57) -- 4.3.3.6 Country/Region: Poland (Table 4.61) -- 4.3.3.7 Country/Region: Portugal (Table 4.65) -- 4.3.3.8 Country/Region: Taiwan (Table 4.69) -- 4.3.3.9 Country/Region: Denmark (Table 4.73) -- 4.3.3.10 Country/Region: Ethiopia (Table 4.77) -- 4.3.3.11 Country/Region: Hungary (Table 4.81) -- 4.3.3.12 Country/Region: Mexico (Table 4.85) -- 4.3.3.13 Country/Region: Peru (Table 4.89) -- 4.3.3.14 Country/Region: United States (Table 4.93) -- 4.3.3.15 Country/Region: Vietnam (Table 4.97) -- Chapter 5: Guidance to Users of EQ-5D-5L Value Sets -- 5.1 Introduction -- 5.2 Which Value Set Should Be Used to Estimate QALYs? - An Overview -- 5.2.1 End Users' Requirements and Recommendations -- 5.2.2 Relevance to the Population to Whom the Analysis Refers -- 5.2.3 Empirical Characteristics of the Value Sets -- 5.2.4 Transparency and Uncertainty -- 5.3 Which Value Set to Use in 'Non-QALY' Applications - An Overview -- 5.4 Choosing Value Sets - Some Further Considerations -- 5.4.1 Relevance to the Decision-Making Context -- 5.4.2 The Theoretical Properties of Values and Value Sets -- 5.5 Concluding Remarks -- References -- Chapter 6: How Do EQ-5D-5L Value Sets Differ? -- 6.1 Introduction -- 6.2 Methods -- 6.2.1 Analysing Differences Between Value Sets -- 6.2.2 Defining Preference Patterns and the Performance of These Patterns -- 6.3 Differences Between Value Sets -- 6.3.1 Relative Importance of the Dimensions -- 6.3.2 Marginal Value Decrement of Moving from One Level to Another.
6.3.3 Scale Length and Location of the Descriptive Midpoint on the Health Utility Scale -- 6.4 Identifying Preference Patterns -- 6.5 How Do These Preference Patterns Perform? -- 6.6 Discussion -- 6.6.1 Main Findings -- 6.6.2 Preference Patterns -- 6.6.3 Data Quality and Modelling Strategies -- 6.6.4 Differences Between Value Sets Between and Within Preference Patterns -- 6.6.5 Limitations -- 6.7 Conclusions -- References -- Chapter 7: Where Next for EQ-5D-5L National Value Sets and the EQ-VT Protocol? -- 7.1 Introduction -- 7.2 Future Directions for Improvements in the EQ-VT - An Overview -- 7.2.1 What Methods to Use? -- 7.2.2 Procedural Aspects -- 7.2.3

Analysis and Modelling -- 7.3 Developing Alternative Approaches and Answering Different Questions -- 7.4 Making Scientific and Social Value Judgements About Value Sets -- 7.5 Adapting to Change -- 7.6 Concluding Remarks -- References -- Glossary of EQ-5D Terms -- References.

Sommario/riassunto

This open access book provides an essential guide to value sets for anyone working with EQ-5D-5L data. The EQ-5D-5L is one of the most widely used health related quality of life questionnaires around the world, with applications in clinical trials, population health surveys and routine outcomes measurement. In addition to providing a concise, generic way of describing health, the EQ-5D-5L facilitates the valuation of health and health improvements through its value sets, which play a pivotal role in Health Technology Assessment across the world. Value sets for the EQ-5D-5L have been produced in a wide range of countries and regions, using a standardised international protocol developed by the EuroQol Group. This book brings together, for the first time, a comprehensive inventory of these value sets and a comparative review of their characteristics. In addition to the structured summaries of each value set, the book provides clear guidance to users and researchers on how to choose which value set to use, for what purpose. It also provides information about the methods that were used to produce these values, how these methods have been refined and how they may evolve in future. The book is the culmination of a substantial programme of work internationally. By collating these value sets into a single volume, the book aims to provide an easy-to-use resource which is likely to become a key reference source for EQ-5D-5L users and researchers.
