## Contents

Part I  Introduction of Health Economics Applied to Mental Health

1  Introduction to Mental Health Economics ................................. 3
   Denise Razzouk

2  Methods for Measuring and Estimating Costs ........................... 19
   Denise Razzouk

3  Outcomes Measurement for Economic Evaluation ...................... 35
   Denise Razzouk

4  Cost-Benefit Analysis ............................................................ 55
   Denise Razzouk

5  Cost-Effectiveness Analysis .................................................... 71
   Jeroen Luyten and Catherine Henderson

6  Cost Utility Analysis ............................................................. 89
   Matthew Franklin

7  Introduction to Statistics and Modeling Methods
   Applied in Health Economics .................................................. 121
   Vladislav Berdunov and Matthew Franklin

8  Equity and Efficiency ........................................................... 155
   Anita Patel

9  Ethics and Values in Welfarism and Extra-Welfarism ............... 163
   Joanna Coast, Paul Mitchell, and Ilias Goranitis

10 Health Economics as a Tool for Decision-Making
    in Mental Health Care ......................................................... 179
    Martin Knapp

Part II  Health Economics Applied to the Evaluation
         of the Quality and Costs of Mental Health Services

11 Financing Mental Health in Low- and
    Middle-Income Countries: Making an Economic
    Case to Support Investment ............................................... 193
    David McDaid
12 Quality Indicators for Mental Health Services ................. 205
Helen Killaspy

Aglae Sousa and Denise Razzouk

14 Costing Psychiatric Hospitals and Psychiatric Wards in General Hospitals ......................... 225
Alessandra Brisola Siomi and Denise Razzouk

15 Estimation of Costs for Community Mental Health Services ........................................ 239
Paula Becker and Denise Razzouk

16 Estimating Costs of Residential Services ....................... 253
Denise Razzouk

17 Quantifying Informal Care for Economic Evaluation in Mental Health ....................... 267
Helen Weatherly, Rita Faria, and Bernard van den Berg

Part III Economic Evaluation of Treatment of Mental Disorders

18 Cost-Effectiveness of Interventions for Anxiety and Depressive Disorders .................. 283
Cathrine Mihalopoulos and Mary Lou Chatterton

19 Cost-Effectiveness of Treatment for Bipolar Disorders ........ 299
Ana Flávia Barros da Silva Lima, Luciane Cruz, Mírian Cohen, Jacques José Zimmermann, and Sandro René Pinto de Sousa Miguel

20 Cost-Effectiveness of Antipsychotics in the Treatment of Schizophrenia Disorders ........... 313
Mônica Kayo and Denise Razzouk

21 Cost-Effectiveness of Interventions for the Treatment of Alcohol and Other Substance Use Disorders ..................... 323
Paula Becker and Monica Kayo

22 Cost-Effectiveness of Interventions for the Treatment of Dementia Disorders ................ 339
Dominic Trépel

23 Cost-Effectiveness of Interventions for Children and Adolescents with Psychiatric Disorders .................... 353
Monica Kayo
Part IV  Health Economics, Burden and Indirect Costs of Mental Disorders

24  Global Mental Health: Costs, Poverty, Violence, and Socioeconomic Determinants of Health  365
   Carla Sabariego, Marta Miret, and Michaela Coenen

25  Burden and Indirect Costs of Mental Disorders  381
   Denise Razzouk

26  Indirect Costs and the Burden of Alcohol- and Drug-Related Problems  393
   Edilaine Moraes and Paula Becker

27  The Economic Impact of Mental Health Stigma  401
   Renee Romeo, Paul McCrone, and Graham Thornicroft

28  The Economic Impact of Mental Disorders and Mental Health Problems in the Workplace  415
   Marcelo Pinheiro, Ivana Ivandic, and Denise Razzouk

29  Methods and Instruments for the Estimation of Production Changes in Economic Evaluations  431
   Wolter Hassink and Bernard van den Berg

Glossary  441

Index  449