Contents

List of Contributors ix
List of Figures xiii
List of Tables xvii

INTRODUCTION

1 Health Geographies in the Developed World
   Elspeth Graham, Paul Boyle, Sarah Curtis, Eric Moore

PART I   HISTORICAL VARIATIONS

2 The Origins of Social Class Mortality Differentials
   Robert Woods

3 Locality-level Mortality and Socio-economic Change in Britain since 1920:
   First Steps Towards Analysis of Infant Mortality Variation
   Rita Mota de Campos, Peter Congdon, Sarah Curtis, Ian Gregory,
   Ian Rees Jones, Humphrey Southall

4 The Widening Gap – Health Inequalities in Britain at the End of the
   Twentieth Century
   Mary Shaw, Daniel Dorling, David Gordon, George Davey Smith

PART II   CONTEMPORARY VARIATIONS

5 Why is Mortality Higher in Unequal Societies? Interpreting Income
   Inequality and Mortality in Canada and the USA
   Nancy Ross, Michael Wolfson, Jean-Marie Berthelot, James R. Dunn

6 Does Migration Exaggerate the Relationship between Deprivation and
   Self-reported Limiting Long-term Illness?
   Paul Boyle, Oliver Duke-Williams
The Geography of Health Inequalities in the Developed World

7 Measuring the Geographic Effects in a Model of Depression among the Elderly in Canada
   *Eric Moore, Mark W. Rosenberg, Corey Mackenzie*
   149

8 Local Geographies of Health Inequalities
   *Anthony Gatrell, Damon Berridge, Sharon Bennett, Lisa Bostock, Carol Thomas, Jennie Popay, Gareth Williams*
   177

9 The Relationship of Population Density, Postcode Sector Hectarage and Area Deprivation to Premature Mortality in Four Scottish Cities
   *Russell Ecob*
   199

PART III METHODS AND MODELS

10 Evaluating the Absolute and Relative Income Hypotheses in an Exploratory Analysis of Deaths in the Health and Lifestyle Survey
   *Kelvyn Jones, Craig Duncan, Lizbeth Twigg*
   219

11 Identifying Area Effects on Health: A Comparison of Single- and Multi-level Models
   *Simon Gleave, Richard D. Wiggins, Heather Joshi, Kevin Lynch*
   245

12 The Effect of the Modifiable Areal Unit Problem in Modelling the Distribution of Limiting Long-term Illness in Northern England
   *Alistair Geddes, Robin Flowerdew*
   267

13 Limiting Long-term Illness and Locality Deprivation in England and Wales: Acknowledging the ‘Socio-spatial Context’
   *Paul Boyle, Anthony Gatrell, Oliver Duke-Williams*
   293

14 The Fallacy of the Equivalence of a Range of Household and Area-based Indicators of Material Resources in the Geography of Health Inequalities
   *Sally Macintyre, Rosemary Hiscock, Anne Ellaway, Ade Kearns*
   309

PART IV THEORETICAL DIMENSIONS

15 Combining the Social and the Spatial: Improving the Geography of Health Inequalities
   *Richard Mitchell, Mel Bartley, Mary Shaw*
   333
Contents

16 Siting Wealth and Illness: The Case of Recovery from Myocardial Infarction
   Elspeth Graham, Malcolm MacLeod, Chris Dibben, Marie Johnston 351

17 From Recognition to Practice: Gradients, Inequality and the Social Geography of Health
   Michael Hayes 371

Index 389