Contents

List c	of Figures	vi
List o	of Tables	Х
Edito	ors' Biographies	xii
List o	of Contributors	x
1	Introduction Gijs Dekkers, Cathal O'Donoghue and Marcia Keegan	1
2	Estimating the Small Area Effects of Austerity Measures in the UK Ben Anderson, Paola De Agostini and Tony Lawson	11
3	Microsimulation Estimates of the Inequality Impact of the Economic Crisis in Ireland Cathal O'Donoghue, Jason Loughrey and Karyn Morrissey	29
4	Simulating the Need for Health- and Elderly Care in Sweden – A Model Description of SESIM-LEV Lisa Brouwers, Lina Maria Ellegård, Nils Janlöv, Pontus Johansson, Karin Mossler and Anders Ekholm	41
5	An Australian Disease and Long-term Care Microsimulation Model Richard Cumpston	61
6	Projection of the Supply of Nurses in France: A Microsimulation Model Muriel Barlet and Marie Cavillon	71
7	Gender Aspects of the Norwegian Pension System Dennis Fredriksen and Nils Martin Stølen	93
8	The Redistributive Features of the Italian Pension System: The Importance of Being Neutral Roberto Leombruni and Michele Mosca	109
9	Simulating Policy Alternatives for Public Pensions in Japan Seiichi Inagaki	129

10	On the Construction of Early Warning Indicators of Old-Age Poverty: The Index-Building versus the Microsimulation Approach Georg P. Mueller	145
11	How Sensitive is Old-Age Poverty to Financial Crisis? A Microsimulation Experiment for Sweden Elisa Baroni, Thomas Lindh and Gustav Öberg	161
12	Going Regional: The Effectiveness of Different Tax-benefit Policies in Combating Child Poverty in Spain Olga Cantó, Marta Adiego, Luis Ayala, Horacio Levy and Milagros Paniagua	183
13	Combining EUROMOD and LIAM Tools for the Development of Dynamic Cross-sectional Microsimulation Models: A Sneak Preview Philippe Liégeois and Gijs Dekkers	203
14	An Overview of Binary Alignment Methods in Microsimulation Jinjing Li and Cathal O'Donoghue	217
15	Simulating the Expenditures of Scottish Households: A Two-step Microsimulation Approach to the Cairngorms National Park Eveline van Leeuwen	233
16	Using Excel as a Front End to a Microsimulation Model on Energy and Water Concession Pricing Robert Tanton, Marcia Keegan and Quoc Ngu Vu	249
17	Modelling Sequences of Events with Chain Graph Models Marcus Wurzer and Reinhold Hatzinger	259
18	Education in the Norwegian Microsimulation Model MOSART Hege Marie Gjefsen	271
19	What are the Driving Forces behind Trends in Inequality among Pensioners? Validating MIDAS Belgium Using a Stylized Model Gijs Dekkers	287
20	An Investigation of the Sensitivity of a Dynamic Microsimulation Model of Urban Neighbourhood Dynamics Mark Birkin and Nicolas Malleson	305
Index		321