Contents

1 Editorial Introduction: Space in Action: Action in Space .......... 1
   Peter Nijkamp, Karima Kourtit, and Robert Stimson

Part I Knowledge and Innovation in Space

2 Knowledge-Intensive Entrepreneurship Across Regions:
   Does Being a New Industry Make a Difference? ............... 15
   Michael Wyrwich

3 The Spatial-Institutional Architecture of Innovative Behaviour ... 35
   Eric Vaz, Teresa de Noronha, and Peter Nijkamp

4 The Determinants of FDI Choices: The Importance of Investment
   Climate and Clustering ..................................... 51
   Megha Mukim

5 External Effects of Metropolitan Innovation on Firm Survival:
   Non-Parametric Evidence from Computer and Electronic
   Product Manufacturing and Healthcare Services ............... 83
   Alexandra Tsvetkova, Jean-Claude Thill, and Deborah Strumsky

Part II Human Capital and Reginal Growth

6 The Shift-Share Regression: An Application to Regional
   Employment Development in Bavaria .......................... 109
   Uwe Blien, Lutz Eigenhüller, Markus Promberger, and Norbert Schanne

7 Classic and Spatial Shift-Share Analysis of State-Level Employment
   Change in Brazil ............................................. 139
   Valente J. Matlaba, Mark Holmes, Philip McCann, and Jacques Poot
Contents

8 The Determinants of Regional Disparities in Skill Segregation: Evidence from German Regions ......................................................... 173
Fabian Böttcher, Annekatrin Niebuhr, Friso Schlitte, and Javier Revilla Diez

9 Interregional Migration ‘Wage Premia’: The Case of Creative and Science and Technology Graduates in the UK ......................... 197
Sarah Jewell and Alessandra Faggian

Part III Spatial Systems and Economic Development

10 Intraregional Income Convergence: Cross Section and Time Series Evidence from the USA ......................................................... 217
Stilianos Alexiadis, Konstantinos Eleftheriou, and Peter Nijkamp

11 Returns to Communication in Specialised and Diversified US Cities ................................................................. 241
Suzanne Kok

12 Proximity Relations and Firms’ Innovative Behaviours: Different Proximities in the Optics Cluster of the Greater Paris Region ........ 281
André Torre and Sofiène Lourimi

13 Impacts of Multi-level Spatial Capital Resources on Business Performance ................................................................. 313
Karima Kourtit, Peter Nijkamp, Andrea Caragliu, and Chiara Del Bo

14 Using a Structural Equation Model to Analyze Potential Determinants of Spatial Variations in Endogenous Regional Growth Performance ................................................................. 335
Patricio Aroca, Robert Stimson, and Roger Stough