Contents

List of contributors page vii

1 Introduction 1
RAY BARRELL, GEOFF MASON and MARY O’MAHONY

2 Britain’s productivity performance in international perspective, 1870–1990: a sectoral analysis 38
STEPHEN BROADBERRY

3 Labour productivity and product quality: their growth and inter-industry transmission in the UK 1979–1990 58
CHRISTINE GREENHALGH and MARY GREGORY

4 Productivity, employment and the ‘IT paradox’: evidence from financial services 93
MICHELLE HAYNES and STEVE THOMPSON

5 Productivity and service quality in banking: commercial lending in Britain, the United States and Germany 117
GEOFF MASON, BRENT KELTNER and KARIN WAGNER

6 Productivity growth in an open economy: the experience of the UK 149
GAVIN CAMERON, JAMES PROUDMAN and STEPHEN REDDING

7 Innovation and market value 177
BRONWYN H. HALL
Contents

8 Gross investment and technological change: a diffusion based approach 199
   PAUL STONEMAN and MYUNG-JOONG KWON

9 National systems of innovation under strain: the internationalisation of corporate R&D 217
   PARI PATEL and KEITH PAVITT

10 Agglomeration economies, technology spillovers and company productivity growth 236
    PAUL GEROSKI, IAN SMALL and CHRISTOPHER WALTERS

11 Human capital, investment and innovation: what are the connections? 268
    STEPHEN NICKELL and DAPHNE NICOLITSAS