

References

- ABS (Australian Bureau of Statistics) 1993, *Australian and New Zealand standard industrial classification*, (Cat. no. 1292.0), ABS, Canberra.
- 2000, *Business Longitudinal Survey, Confidentialised Unit Record File, 1994-95, 1995-96, 1996-97 and 1997-98* (Cat. no. 8141.0.30.001), ABS, Canberra.
- 2001, *Australian National Accounts: National Income, Expenditure and Product* (Cat. no. 5206.0), September Quarter 2001, ABS, Canberra.
- 2002, *Business Use of Information Technology, Australia* (Cat. no. 8129.0), ABS.
- Anderson, T.W. and Hsiao, C. 1981, 'Formulation and Estimation of Dynamic Models Using Panel Data', *Journal of Econometrics*, vol. 18, no. 1, pp.47–82.
- Arellano, M. and Bond, S. 1991, 'Some Tests of Specification for Panel Data: Monte Carlo Evidence and an Application to Employment Equations', *Review of Economic Studies*, vol. 58, no. 2, pp. 277–97.
- and Bover, O. 1995, 'Another Look at the Instrumental Variable Estimation of Error-Components Models', *Journal of Econometrics*, vol. 68, no. 1, pp. 29–51.
- Arvanitis, S. and Hollenstein, H. 2001, 'The Determinants of the Adoption of Advanced Manufacturing Technology: An Empirical Analysis Based on Firm-Level Data for Swiss Manufacturing', *Economics of Innovation and New Technology*, vol. 10, no. 5, pp. 377–414.
- Atrostic, B. and Nguyen, S. 2001, 'The Effect of Computer Networks on US Manufacturing Productivity', *Working Paper, Centre for Economic Studies US Census Bureau*, Washington DC.
- Baldwin, J. and Sabourin, D. 2001, 'Impact of the Adoption of Advanced Information and Communication Technologies on Firm Performance in the Canadian Manufacturing Sector', *Statistics Canada, Ottawa*, mimeo.
- Barro, R.J. and Sala-i-Martin 1995, *Economic Growth*, McGraw-Hill, New York.
- Bartlesman, E.J. and Doms, M. 2000, 'Understanding Productivity: Lessons from Longitudinal Microdata', *Journal of Economic Literature*, vol. XXXVIII, no. 3, pp. 569–594.
- Baily, M., Hulten, C. and Campbell, D. 1992, 'The Distribution of Productivity in Manufacturing Plants', *Brookings Papers on Economic Activity: Microeconomics*, Washington DC, pp. 187–249.
- Bernard, A. and Jensen, B. 1995, 'Exporters, Jobs, and Wages in U.S. Manufacturing: 1976-1987', *Brookings Papers on Economic Activity: Microeconomics*, Washington DC, pp. 67–112.
- Black, S. and Lynch, L. 2001, 'How to compete: The Impact of Workplace Practices and Information Technology on Productivity', *The Review of Economics and Statistics*, vol. 83, no. 3, pp. 434–45.
- Blundell, R. and Bond, S. 1998, 'Initial Conditions and Moment Restrictions in Dynamic Panel Data Models', *Journal of Econometrics*, vol. 87, no. 1, pp. 115–143.
- Bond, S. 2002, 'Dynamic Panel Data Models: A guide to Micro Data Methods and Practice', Nuffield College, Oxford and Institute for Fiscal Studies, London.

- Bosworth, D. and Loundes, J. 2002, 'The Dynamic Performance of Australian Enterprises', *Melbourne Institute Working Paper no. 3/02*, Melbourne Institute of Applied Economic and Social Research, Melbourne.
- Bresnahan, T., Brynjolfsson, E., and Hitt, L. 2002, 'Information Technology, Workplace Organisation, and the Demand for Skilled Labour: Firm-Level Evidence', *Quarterly Journal of Economics*, vol. 117, no. 1, pp. 339–76.
- Broersma, L., McGuckin, R. and Timmer, M. 2002, 'The Impact of Computers on Productivity in the Trade Sector: Explorations with Dutch Microdata', Department of Economics and Department of Spatial Science, University of Groningen.
- Brynjolfsson, E. and Hitt, L. 2000, 'Beyond Computation: Information Technology, Organisational Transformation and Business Performance', *Journal of Economic Perspectives*, vol. 14, no. 4, Fall, pp. 23–48.
- CEA (Council of Economic Advisors) 2001, *Economic Report of the President*, Transmitted to Congress, January 2001, United States Government Printing Office, Washington.
- Cohen, W. and Levinthal, D. 1989, 'Innovation and Learning: The Two Faces of R&D', *Economic Journal*, vol. 99, no. 397, pp. 569–96.
- Colombo, M. and Mosconi, R. 1995, 'Complementarity and Cumulative Learning Effects in the Early Diffusion of Multiple Technologies', *Journal of Industrial Economics*, vol. 43, no. 1, pp. 1348.
- Doms, M., Dunne, T. and Roberts, M. 1995, 'The Role of Technology Use in the Survival and Growth of Manufacturing Plants', *International Journal of Industrial Organization*, vol. 13, no. 4, pp.523–42.
- Dunne, T. 1994, 'Plant Age and Technology Use in US Manufacturing Industries', *Rand Journal of Economics*, vol. 112, no. 1, pp. 488–99.
- EconData 2002, dX for Windows, Official Database: Australian National Accounts, assessed 20 November 2002
- Falk, M. 2001, 'Organisational change, New Information and Communication Technologies and the Demand for Labour Services', ZEW, Mannheim, mimeo.
- Geroski, P. 2000, 'Models of Technology Diffusion', *Research Policy*, vol. 29, no. 4-5, pp. 603–25.
- Girma, S. and Holder, G. 2002, 'Outsourcing, Foreign Ownership and Productivity: Evidence form UK Establishment Level Data', Leverhulme Centre for Research on Globalisation and Economic Policy, School of Economics, University of Nottingham, Nottingham.
- Greenan, N. and Mairesse, J. 1996, 'Computers and Productivity in France: Some Evidence', *NBER Working Paper Series*, Working Paper no. 5836, National Bureau of Economic Research, Cambridge MA.
- Griliches, Z. and Mairesse, J. 1998, 'Production Functions: The Search for Identification', in Strom S. (ed.) *Essays in Honour of Rangar Frisch*, Econometric Society Monograph Series, Cambridge University Press, Cambridge.

- Harris M., Tang, K. and Tseng, Y. 2002, 'Optimal Employee Turnover Rate: Theory and Evidence', *Melbourne Institute Working Paper no. 19/02*, Melbourne Institute of Applied Economic and Social Research, Melbourne.
- Hempell, T. 2002, 'What's Spurious, What's Real? Measuring the Productivity Impacts of ICT at the Firm Level', *Discussion Paper no. 02-42*, Centre for European Economic Research (ZEW), Mannheim.
- Hollenstein, H. 2002, 'Determinants of the Adoption of Information and Communication technologies (ICT)', Swiss Federal Institute of Technology, Zurich.
- Ichniowski, C., Shaw, K. and Prennushi, G. 1997, 'The Effects of Human Resources Management Practices on Productivity', *American Economic Review*, vol. LXXXVII, no. 3, pp. 291-313.
- Johnston, A., Porter, D., Cobbold, T. and Dolamore, R. 2000, *Productivity in Australia's Wholesale and Retail Trade*, Productivity Commission Staff Research Paper, AusInfo, Canberra.
- Jorgenson, D. 2001, 'Information Technology and the US Economy', *American Economic Review*, vol. 91, no. 1, pp. 1-32.
- Karshenas, M. and Stoneman, P. 1995, 'Technological Diffusion, in: P. Stoneman (ed.), *Handbook of the Economics of Innovation and Technological Change*, Oxford, Blackwell
- Loundes, J. 2002, 'Business Use of Internet in Australia', *Melbourne Institute Working Paper no. 20/02*, Melbourne Institute of Applied Economic and Social Research, Melbourne.
- Majumdar, S. and Venkataraman, S. 1993, 'New Technology Adoption in US Telecommunications: The Role of Competitive Pressures and Firm-level Inducements', *Research Policy*, vol. 22, pp. 521-36.
- Mankiw, G., Romer, D. and Weil, D. 1992, 'A contribution to the Empirics of Economic Growth', *Quarterly Journal of Economics*, vol. CVII, pp. 407-37.
- McGuckin, R., Streitwieser, M. and Doms, M. 1998, 'The Effect of Technology Use on Productivity Growth', *Economics of Innovation and New Technology*, vol. 7, no. 1, pp. 1-26.
- McWilliams, B. and Zilberman, D. 1996, 'Time of Technology Adoption and Learning by Using', *Economics of Innovation and New Technology*, vol. 4, no. 2, pp. 139-54.
- Milgrom, P. and Roberts, J. 1990, 'The Economics of Modern Manufacturing: Technology, Strategy and Organization', *American Economic Review*, vol. LXXX, pp. 511-528.
- Motohashi, K. 2001, 'Economic Analysis of Information Network Use: Organisational and Productivity Impacts on Japanese Firms', Research Statistics Department, METI, Tokyo, mimeo.
- Nordhaus, W. 2001, 'Productivity Growth and the New Economy', *NBER Working Paper 8096*. Cambridge MA, January.
- OECD 2001a, *OECD Economic Surveys: Australia*: OECD, Paris.
- 2001b, *OECD Science, Technology and Industry Scoreboard: Towards a Knowledge-based Economy*, OECD, Paris.
- Oliner, S. and Sichel, D. 2000, 'The Resurgence of Growth in the Late 1990s: Is Information Technology the Story?', *Journal of Economic Perspectives*, vol. 14, no. 4, Fall, pp. 3-22.

- Oster, A. and Antioch, L. 1995, 'Measuring Productivity in the Australian Banking Sector', in P. Andersen, J. Dwyer and D. Gruen (eds), *Productivity and Growth*, Proceedings of a Conference, Reserve Bank of Australia, July.
- Parham, D., 2002a, 'Productivity and Policy Reform in Australia', *International Productivity Monitor*, No. 5, Fall.
- 2002b, 'Productivity Gains: Importance of ICTs' *Agenda*, vol. 9, no. 3, pp. 195-210.
- Roberts, P. and Sun, H., 2001, *Information Technology and Australia's Productivity Surge*, Productivity Commission Staff Research Paper, AusInfo, Canberra.
- PC (Productivity Commission) 1999, *Microeconomic Reforms and Australian Productivity: Exploring the Links*, Commission Research Paper, AusInfo, Canberra, November.
- Pilat, D. and Lee, F. (2001), 'Productivity Growth in ICT-producing and ICT-using Industries: A Source of Growth Differentials in the OECD?', *STI Working Paper 2001/4*, OECD, Paris.
- Roberts, M. and Tybout, J. 1996 *Industrial Evolution in Developing Countries*, Oxford University Press, Oxford.
- Rogers, M. and Tseng, Y. 2000, 'Analysing Firm-Level Labour Productivity Using Survey Data', *Melbourne Institute Working Paper* no. 10/00, Melbourne Institute of Applied Economic and Social Research, Melbourne.
- Romer, P. 1986, 'Increasing Returns and Long-Run Growth', *Journal of Political Economy*, vol. 94, no. 5, October, pp. 1002-1037.
- 1990, 'Endogenous Technical Change', *Journal of Political Economy*, vol. 98, no. 5, October part II, pp. S71-S102.
- Simon, J. and Wardrop, S. 2002, 'Australian Use of Information Technology and its Contribution to Growth', *Research Discussion Paper RDP 2002-02*, Reserve Bank of Australia, Sydney, January.
- Triplett, J. and Bosworth, B. 2002, '“Baumol's Disease” has been Cured: IT and Multifactor Productivity in US Services Industries', Paper prepared for Brookings Workshop on Services Industry Productivity, May.
- Tseng, Y. and Wooden, M. 2001, 'Enterprise Bargaining and productivity: Evidence from the business longitudinal survey', *Melbourne Institute Working Paper* no. 8/01, Melbourne Institute of Applied Economic and Social Research, Melbourne, Australia.
- Weir, T. 2002, 'An Australian Bank Adapts to Deregulation and Information Technology', *ITR New Economy Issues Paper* No. 7, Dept of Industry, Tourism and Resources, Canberra, February. (Available from www.industry.gov.au).
- Will, L. and Wilson, H. 2001, *Tricks and Traps of the Business Longitudinal Survey*, Staff Working Paper, Productivity Commission, Melbourne, May.