

Bibliography

- Acs, Z. J., Anselin, L., and Varga, A. (2002). "Patents and innovation counts as measures of regional production of new knowledge". In: *Research Policy* 31 (7), pp. 1069–1085.
- Acs, Z. J. and Audretsch, D. B. (1988). "Innovation in Large and Small Firms: An Empirical Analysis". In: *The American Economic Review* 78 (4), pp. 678–690.
- Agostini, C. A., Inostroza, D., and Willington, M. (2015). "Price effects of airlines frequent flyer programs: The case of the dominant firm in Chile". In: *Transportation Research Part A: Policy and Practice* 78, pp. 283–297.
- Aguilera, A. (2005). "Growth in Commuting Distances in French Polycentric Metropolitan Areas: Paris, Lyon and Marseille". In: *Urban Studies* 42 (9), pp. 1537–1547.
- Andersson, M. et al. (2012). *Innovation and growth: from R&D strategies of innovating firms to economy-wide technological change*. OUP Oxford.
- Anselin, L. (2013). *Spatial econometrics: methods and models*. Vol. 4. Springer Science & Business Media.
- Anselin, L., Varga, A., and Acs, Z. (1997). "Local Geographic Spillovers between University Research and High Technology Innovations". In: *Journal of Urban Economics* 42 (3), pp. 422–448.
- (2000). "Geographical Spillovers and University Research: A Spatial Econometric Perspective". In: *Growth and Change* 31 (4), pp. 501–515.
- Audretsch, D. and Feldman, M. P. (1996). "R&D Spillovers and the Geography of Innovation and Production". In: *American Economic Review* 86 (3), pp. 630–40.
- Baltagi, B. (2008). *Econometric analysis of panel data*. John Wiley & Sons.
- Barca, F., McCann, P., and Rodríguez-Pose, A. (2012). "The case of regional development intervention: place-based versus place neutral approaches". In: *Journal of Regional Science* 52 (1), pp. 134–152.
- Barrio-Castro, T. D. and García-Quevedo, J. (2005). "Effects of university research on the geography of innovation". In: *Regional Studies* 39 (9), pp. 1217–1229.
- Basile, R., Capello, R., and Caragliu, A. (2012). "Technological interdependence and regional growth in Europe: Proximity and synergy in knowledge spillovers". In: *Papers in Regional Science* 91 (4), pp. 697–722. ISSN: 1435-5957.
- Basso, L. J., Clements, M. T., and Ross, T. (2009). "Moral Hazard and Customer Loyalty Programs". In: *American Economic Journal: Microeconomics* 1 (1), pp. 101–123.
- Bauman, Z. (2013). *Liquid modernity*. John Wiley & Sons.
- Bento, A. M. et al. (2005). "The Effects of Urban Spatial Structure on Travel Demand in the United States". In: *Review of Economics and Statistics* 87 (3), pp. 466–478.
- Boarnet, M. G. (1994). "The Monocentric Model and Employment Location". In: *Journal of Urban Economics* 36 (1), pp. 79–97.
- Bottazzi, L. and Peri, G. (2003). "Innovation and spillovers in regions: Evidence from European patent data". In: *European Economic Review* 47 (4), pp. 687–710.
- Boussauw, K., Neutens, T., and Witlox, F. (2012). "Relationship between Spatial Proximity and Travel-to-Work Distance: The Effect of the Compact City". In: *Regional Studies* 46 (6), pp. 687–706.
- Brakman, S. and Marrewijk, C. van (2008). "It's a big world after all: on the economic impact of location and distance". In: *Cambridge Journal of Regions, Economy and Society* 1 (3), pp. 411–437.
- Cairncross, F. (2001). *The death of distance: How the communications revolution is changing our lives*. Harvard Business Press.

- Cameron, A. C. and Trivedi, P. K. (2005). *Microeometrics: methods and applications*. Cambridge university press.
- Cameron, C. A. and Trivedi, P. K. (1998). *Regression Analysis of Count Data*. Cambridge University Press.
- Capello, R. and Lenzi, C. (2014). "Spatial heterogeneity in knowledge, innovation, and economic growth nexus: conceptual reflections and empirical evidence". In: *Journal of Regional Science* 54 (2), pp. 186–214. ISSN: 1467-9787.
- (2015). "The Knowledge-Innovation Nexus. Its Spatially Differentiated Returns to Innovation". In: *Growth and Change* 46 (3), pp. 379–399. ISSN: 1468-2257.
- Cervero, R. (1996). "Jobs-Housing Balance Revisited: Trends and Impacts in the San Francisco Bay Area". In: *Journal of the American Planning Association* 62 (4), pp. 492–511.
- Cervero, R. and Wu, K. L. (1998). "Sub-centring and Commuting: Evidence from the San Francisco Bay Area, 1980-90". In: *Urban Studies* 35 (7), pp. 1059–1076.
- Charlot, S., Crescenzi, R., and Musolesi, A. (2015). "Econometric modelling of the regional knowledge production function in Europe". In: *Journal of Economic Geography* 15 (6), pp. 1227–1259.
- Cirilli, A. and Veneri, P. (2014). "Spatial structure and carbon dioxide (CO₂) emissions due to commuting: an analysis of Italian urban areas". In: *Regional Studies* 48 (12), pp. 1993–2005.
- Coe, N. M. (2005). "Putting knowledge in its place - a review essay". In: *Journal of Economic Geography* 5 (3), pp. 381–384.
- Conte, A. and Vivarelli, M. (2005). 'One or many knowledge production functions? Mapping innovative activity using microdata'. IZA Discussion Paper No. 1878.
- Curry, L. (1972). "A spatial analysis of gravity flows". In: *Regional Studies* 6 (2), pp. 131–147.
- Deltas, G. and Karkalakos, S. (2013). "Similarity of R&D activities, physical proximity, and R&D spillovers". In: *Regional Science and Urban Economics* 43 (1), pp. 124–131.
- Disdier, A. C. and Head, K. (2008). "The puzzling persistence of the distance effect on bilateral trade". In: *The Review of Economics and statistics* 90 (1), pp. 37–48.
- Elhorst, J. (2014). "Spatial Panel Data Models". In: *Spatial Econometrics*. SpringerBriefs in Regional Science. Springer Berlin Heidelberg, pp. 37–93.
- European Commission (2010). *Communication from the Commission: Europe 2020. A strategy for smart, sustainable and inclusive growth*. European Commission, Brussels.
- (2011). 'Roadmap to a single European transport area: towards a competitive and resource efficient transport system'. Tech. rep. European Commission.
- (2012). *Regional innovation monitor: governance, policies, and perspectives in European regions*. Project No. 0932, Enterprise and Industry Directorate-General, Brussels.
- EUROSTAT (2014). 'Eurostat regional yearbook 2014'. Statistical book. Luxembourg: Publications Office of the European Union: European Union.
- Fotheringham, A. S. (1981). "Spatial Structure and Distance-Decay Parameters". In: *Annals of the Association of American Geographers* 71 (3), pp. 425–436.
- Fotheringham, A. S. and O'Kelly, M. E. (1989). *Spatial Interaction Models: Formulations and Applications*. Kluwer Academic Publishers.
- Fotheringham, A. S. and Webber, M. J. (1980). "Spatial structure and the parameters of spatial interaction models". In: *Geographical Analysis* 12 (1), pp. 33–46.
- Friedman, T. L. (2005). *The world is flat: a brief history of the twenty-first century*. Vol. 19. Farrar, Straus and Giroux.
- Fritsch, M. and Slavtchev, V. (2007). "Universities and Innovation in Space". In: *Industry and Innovation* 14 (2), pp. 201–218.
- Fujita, M. and Thisse, J. (1996). "Economics of agglomeration". In: *Journal of the Japanese and international economies* 10 (4), pp. 339–378.
- García-Quevedo, J., Pellegrino, G., and Vivarelli, M. (2014). "R&D drivers and age: Are young firms different?" In: *Research Policy* 43 (9), pp. 1544 –1556. ISSN: 0048-7333.

- Gaspar, J. and Glaeser, E. L. (1998). "Information technology and the future of cities". In: *Journal of urban economics* 43 (1), pp. 136–156.
- Giuliano, G. and Narayan, D. (2003). "Another Look at Travel Patterns and Urban Form: The US and Great Britain". In: *Urban Studies* 40 (11), pp. 2295–2312.
- Giuliano, G. and Small, K. A. (1993). "Is the journey to work explained by urban structure?" In: *Urban studies* 30 (9), pp. 1485–1500.
- Glaeser, E. L. and Kahn, M. E. (2004). "Sprawl and urban growth". In: *Handbook of regional and urban economics* 4, pp. 2481–2527.
- Gordon, P., Kumar, A., and Richardson, H. W. (1989). "The influence of metropolitan spatial structure on commuting time". In: *Journal of urban economics* 26 (2), pp. 138–151.
- Griliches, Z. (1979). "Issues in assessing the contribution of R&D to productivity growth". In: *The Bell Journal of Economics*, 92–116.
- Guastella, G. and van Oort, F. G. (2015). "Regional Heterogeneity and Interregional Research Spillovers in European Innovation: Modelling and Policy Implications". In: *Regional Studies* 49 (11), pp. 1772–1787.
- Gutiérrez-i-Puigarnau, E. and van Ommeren, J. N. (2010). "Labour supply and commuting". In: *Journal of Urban Economics* 68 (1), pp. 82–89.
- (2011). "Welfare effects of distortionary benefits taxation: the case of employer-provided cars". In: *International Economic Review* 52 (4), pp. 1105–1122.
- Hagedoorn, J. and Wang, N. (2012). "Is there complementarity or substitutability between internal and external R &D strategies?" In: *Research Policy* 41 (6), pp. 1072–1083. ISSN: 0048-7333.
- Hammadou, H., Paty, S., and Savona, M. (2014). "Strategic interactions in public R &D across European countries: A spatial econometric analysis". In: *Research Policy* 43 (7), pp. 1217–1226.
- Hausman, J., Hall, B., and Griliches, Z. (1984). "Econometric Models for Count Data with an Application to the Patents-R&D Relationship". In: *Econometrica* 52 (4), pp. 909–38.
- Hess, S., Adler, T., and Polak, J. W. (2007). "Modelling airport and airline choice behaviour with the use of stated preference survey data". In: *Transportation Research Part E: Logistics and Transportation Review* 43 (3), pp. 221–233.
- Hollanders, H. et al. (2014). *Regional Innovation Scoreboard (RIS)*. Tech. rep. European Commission.
- Jaffe, A. (1989). "Real Effects of Academic Research". In: *The American Economic Review* 79 (5), pp. 957–970.
- Klemperer, P. (1987). "The Competitiveness of Markets with Switching Costs". In: *The RAND Journal of Economics* 18 (1), pp. 138–150.
- Lederman, M. (2007). "Do enhancements to loyalty programs affect demand? The impact of international frequent flyer partnerships on domestic airline demand". In: *The RAND Journal of Economics* 38 (4), pp. 1134–1158.
- Levine, J. (1998). "Rethinking accessibility and jobs-housing balance". In: *Journal of the American Planning Association* 64 (2), pp. 133–149.
- Lööf, H. and Heshmati, A. (2002). "Knowledge capital and performance heterogeneity: A firm-level innovation study". In: *International Journal of Production Economics* 76 (1), pp. 61–85.
- Mairesse, J. and Mohnen, P. (2010). 'Using Innovations Surveys for Econometric Analysis'. NBER Working Papers 15857. National Bureau of Economic Research, Inc.
- McMillen, D. P. (2007). "Testing for Monocentricity". In: *A Companion to Urban Economics*. Blackwell Publishing Ltd, pp. 128–140.
- Meliciani, V. and Savona, M. (2015). "The determinants of regional specialisation in business services: agglomeration economies, vertical linkages and innovation". In: *Journal of Economic Geography* 15 (2), pp. 387–416.
- Melo, P. C., Graham, D. J., and Noland, R. (2012). "The effect of labour market spatial structure on commuting in England and Wales". In: *Journal of Economic Geography* 12 (3), pp. 717–737.
- Mur, J. and Angulo, A. (2009). "Model selection strategies in a spatial setting: Some additional results". In: *Regional Science and Urban Economics* 39 (2), pp. 200–213.

- Van Ommeren, J. N. and Wentink, D. (2012). "The (hidden) cost of employer parking policies". In: *International Economic Review* 53 (3), pp. 965–978.
- O'brien, R. (1992). *Global financial integration: the end of geography*. Royal Institute of International Affairs.
- OECD (2009a). 'How Regions Grow'. Tech. rep. Paris: Organisation for Economic Growth and Development.
- (2009b). 'Regions Matter: Economic Recovery, Innovation and Sustainable Growth'. Tech. rep. Paris: Organisation for Economic Growth and Development.
- Pastor-Satorras, R. and Vespignani, A. (2007). *Evolution and structure of the Internet: A statistical physics approach*. Cambridge University Press.
- Persyn, D. and Torfs, W. (2015). "A gravity equation for commuting with an application to estimating regional border effects in Belgium". In: *Journal of Economic Geography*, pp. 1–21.
- Piergiovanni, R. and Santarelli, E. (2001). "Patents and the Geographic Localization of R&D Spillovers in French Manufacturing". In: *Regional Studies* 35 (8), pp. 697–702.
- Polèse, M. and Shearmur, R. (2004). "Is distance really dead? Comparing industrial location patterns over time in Canada". In: *International Regional Science Review* 27 (4), pp. 431–457.
- Ponds, R., van Oort, F., and Frenken, K. (2010). "Innovation, spillovers and university–industry collaboration: an extended knowledge production function approach". In: *Journal of Economic Geography* 10 (2), pp. 231–255.
- Rassenfosse de, G. and van Pottelsbergh de la Potterie, B. (2009). "A policy insight into the R&D–patent relationship". In: *Research Policy* 38 (5), pp. 779–792.
- Reggiani, A., Bucci, P., and Russo, G. (2011). "Accessibility and network structures in the German commuting". In: *Networks and Spatial Economics* 11 (4), pp. 621–641.
- Rodríguez-Pose, A. and Di Cataldo, M. (2015). "Quality of government and innovative performance in the regions of Europe". In: *Journal of Economic Geography* 15 (4), pp. 673–706.
- Santos Silva, J. M. C. and Tenreyro, S. (2006). "The log of gravity". In: *The Review of Economics and statistics* 88 (4), pp. 641–658.
- Stiglitz, J. E. (2007). *Making globalization work*. WW Norton & Company.
- Stillwell, J. (1978). "Interzonal migration: some historical tests of spatial-interaction models". In: *Environment and Planning A* 10 (10), pp. 1187–1200.
- Suzuki, Y. (2003). "Airline frequent flyer programs: equity and attractiveness". In: *Transportation Research Part E: Logistics and Transportation Review* 39 (4), pp. 289–304.
- Tappeiner, G., Hauser, C., and Walde, J. (2008). "Regional knowledge spillovers: Fact or artifact?" In: *Research Policy* 37 (5), pp. 861–874.
- Tobler, W. R. (1970). "A computer movie simulating urban growth in the Detroit region". In: *Economic geography* 46, pp. 234–240.
- Tranos, E. and Nijkamp, P. (2013). "The death of distance revisited: Cyber-place, physical and relational proximities". In: *Journal of Regional Science* 53 (5), pp. 855–873.
- Vega-Jurado, J. et al. (2008). "The effect of external and internal factors on firms' product innovation". In: *Research Policy* 37 (4), pp. 616–632.
- Veugelers, R. and Cassiman, B. (1999). "Make and buy in innovation strategies: evidence from Belgian manufacturing firms". In: *Research Policy* 28 (1), pp. 63–80.
- Wesley M. Cohen, D. A. L. (1990). "Absorptive Capacity: A New Perspective on Learning and Innovation". In: *Administrative Science Quarterly* 35 (1), pp. 128–152. ISSN: 00018392.
- Willigers, J. (2006). *Impact of high-speed railway accessibility on the location choices of office establishments*. Utrecht University.
- Wilson, A. G. (1967). "A statistical theory of spatial distribution models". In: *Transportation research* 1 (3), pp. 253–269.
- Wong, D. W. S. (2004). "WorldMinds: Geographical Perspectives on 100 Problems: Commemorating the 100th Anniversary of the Association of American Geographers 1904–2004". In: ed. by

- D. G. Janelle, B. Warf, and K. Hansen. Dordrecht: Springer Netherlands. Chap. The Modifiable Areal Unit Problem (MAUP), pp. 571–575.
- World Bank (2009). ‘*World Development Report 2009: Reshaping Economic Geography*’. Tech. rep. Washington, DC: World Bank.