

Patrícia C. Melo

A. Overview of Scholar's Profile

A.1. Academic Databases

- ORCID: <http://orcid.org/0000-0001-6722-1914>
- SCOPUS: <https://www.scopus.com/authid/detail.uri?authorId=25959661000>
- Google Scholar Profile: https://scholar.google.com/citations?hl=en&user=zd_SXZMAAAAJ
- CIÊNCIA VITAE: <https://www.cienciavitae.pt/portal/CB1C-E9B5-9984>

A.2. Personal Webpages

- Personal website (ISEG): <https://www.iseg.ulisboa.pt/aquila/homepage/pmelo?locale=en>
- Personal website: <http://patriciacmelo.weebly.com/>

A.3. Employment History

A.3.1. Current Employment and Affiliations:

- 2017- Associate Professor, Department of Economics, Lisbon School of Economics and Management (ISEG), University of Lisbon, Lisbon, Portugal
- March – July 2023 on maternity Leave
 - Sep. 2023 – July 2024 on sabbatical leave
- 2017- Integrated member of [UECE: Research Unit on Complexity and Economics](#) and [REM: Research in Economics and Mathematics](#)

A.3.2. Past Employment and Affiliations:

- 2013-2017 Senior Researcher in Applied Economics, Social, Economic and Geographical Sciences (SEGS) group, [The James Hutton Institute](#), Aberdeen, Scotland
- 2010-2013 Post-Doctoral Research Associate, [Railway and Transport Strategy Centre](#) (RTSC), Centre for Transport Studies, Imperial College London
- 2008-2009 Research Assistant, [Centre for Transport Studies](#), Imperial College London
- 2003-2005 Market Research Analyst, Lisbon Airport, [ANA-Aeroportos de Portugal](#)
- 2017-2020 Honorary Research Associate, The James Hutton Institute
- 2016-2018 Associate, [Centre for Environmental Change and Human Resilience](#) (CECHR), University of Dundee & The James Hutton Institute

A.4. Education

- 2006-2010 PhD, Centre for Transport Studies, Imperial College London
Title: Estimating the Effect of Agglomeration Economies on Wages: Empirical Evidence and Methodological Issues (Supervisor: Prof. Daniel J. Graham; Examiners: Prof. Roger Vickerman, Prof. Ciaran Driver)
PhD scholarship granted by Transport for London (TfL)
- 2005-2006 MSc in Transport (*Distinction*), Centre for Transport Studies, Imperial College London
Dissertation Title: Firm Formation and Transport Infrastructure: A Study on Portugal (Supervisor: Prof. Daniel J. Graham)
- 1999-2003 BSc in Economics, Lisbon School of Economics and Management (ISEG), University of Lisbon
Awarded merit scholarship by the Portuguese Ministry of Education in 2002

A.5. Main research areas

Urban and Regional Economics, Transport Economics, Economic Geography

A.6. Research team

- [José Gaspar](#), June 2018 to Feb. 2019. Postdoctoral researcher of european project RELOCAL, ISEG – Universidade de Lisboa
- [Zbigniew Mogila](#), May 2019 to Sept. 2020. Postdoctoral researcher of european project RELOCAL, ISEG – Universidade de Lisboa
- Bruno T. Rocha, Nov. 2019 to Sept. 2024. Postdoctoral researcher in FCT funded projects TiTuSS and TASSEL, REM/UECE & ISEG – Universidade de Lisboa
- Mauricio de Carvalho, May 2018 – May 2019. Research assistant in FCT funded project TiTuSS.
- Margarida Madaleno, June 2023 – May 2024. Postdoctoral researcher in FCT funded project TASSEL, REM/UECE & ISEG – Universidade de Lisboa
- Anthony Macedo, June 2023 – July 2024. Postdoctoral researcher in FCT funded project REMOBIL, REM/UECE & ISEG – Universidade de Lisboa
- Ourania Karakosta, May 2023 – May 2024. Postdoctoral researcher in FCT funded project MASTI, REM/UECE & ISEG – Universidade de Lisboa

B. Scientific contributions

B.1. Publications - Refereed Journals

- J40. Rocha, B.T., **Melo, P.C.**, Afonso, N. and de Abreu e Silva, J. 2023. [Motorways, local economic activity and commuting](#), *Regional Studies* (*online early view*)
- J39. Rocha, B.T., **Melo, P.C.**, Afonso, N. and de Abreu e Silva, J. 2023. [The local impacts of building a large motorway network: urban growth, suburbanisation, and agglomeration](#), *Economics of Transportation*, Vol. 34
- J38. Martins, G., and **Melo, P.C.** 2023. The estimation of local employment multipliers for Portugal, *Revista Portuguesa de Estudos Regionais* (*forthcoming*)
- J37. Rocha, B.T., Afonso, N., **Melo, P.C.**, and de Abreu e Silva, J. 2022. What drives the allocation of motorways? Evidence from Portugal's fast-expanding network, *Journal of Transport Geography*, Vol. 102
- J36. **Melo, P.C.** 2022. Will COVID-19 hinder or aid the transition to sustainable urban mobility? Spotlight on Portugal's largest urban agglomeration, *Regional Science, Policy & Practice*, Vol. 14(1), pp. 80-106
- J35. Mogila, Z., **Melo, P.C.**, Gaspar, J.M. 2022. Estimating labour income-based inequality of opportunity for a selection of EU-SILC countries: national and urban-rural perspectives, *Regional Science Policy & Practice*, Vol. 14(5), pp. 1158-1187
- J34. **Melo, P.C.**, Conceição, R., Anciães, P. R., Guiomar, N., Muñoz-Rojas, J. 2022. Does road accessibility to cities support rural population growth? Evidence for Portugal between 1991 and 2011, *Journal of Regional Science*, 62(2), pp. 443-470
- J33. Ramli, A.R., Abdul Kadir, J. M., Ismail, N., Othman, A. A., and **Melo, P.C.** 2021. Fuel Subsidies, Fuel Consumption, and Road Transport Emissions: A systematic review, *Environment-Behaviour Proceedings Journal* 6 (16), pp. 275-281
- J32. Knies, G., **Melo, P.C.** and Zhang, M. 2021. Neighbourhood deprivation, life satisfaction and earnings: Comparative analyses of neighbourhood effects at bespoke scales. *Urban Studies*, 58 (13), pp. 2640-2659
- J31. **Melo, P.C.**, Sobreira, N. and Goulart, P. 2019. Estimating the long-run metro demand elasticities for Lisbon: A time-varying approach. *Transportation Research Part A: Policy and Practice* Vol. 126, pp. 360-376
- J30. Carbo, J.M., Graham, D.J., Anupriya, D. C., **Melo, P. C.** 2019. Evaluating the causal economic impacts of transport investments: evidence from the Madrid-Barcelona high-speed rail corridor. *Journal of Applied Statistics* Vol. 46(9), pp. 1714-1723

- J29. de Abreu e Silva, J. and **Melo, P.C.** 2018. Does Home-Based Telework reduce Household Total Travel? A Path Analysis using single and two worker British Households. *Journal of Transport Geography* Vol. 73, pp.148-162
- J28. de Abreu e Silva, J. and **Melo, P.C.** 2018. Home telework, travel behaviour, and land use patterns: A path analysis of British single-worker households. *Journal of Transport and Land Use* Vol.11, No 1, pp. 419-441
- J27. Colen, L., **Melo, P.C.**, Abdul-Salam, Y. Roberts, D., Mary, S., Gomez Y Paloma, S. 2018. Income elasticities for food, calories and nutrients across Africa: A meta-analysis *Food Policy* Vol.77, pp.116-132
- J26. **Melo, P.C.** and Graham, D.J. 2018. Transport-Induced Agglomeration Effects: Evidence for US Metropolitan Areas. *Regional Science, Policy and Practice* Vol. 10, pp.37-47
- J25. **Melo, P.C.**, Ge, J., Craig, T., Brewer, M., Thronicker, I. 2018. Does work-life balance affect pro-environmental behaviour? Evidence for the UK using longitudinal microdata. *Ecological Economics* Vol. 145, pp. 170-181
- J24. **Melo, P.C.** and de Abreu e Silva, J. 2017. The impact of home telework on household and intra-household commuting in Great Britain. *Transportation Research Part A: Policy and Practice* Vol. 103, pp. 1-24
- J23. de Abreu e Silva, J. and **Melo, P.C.** 2017. The effects of home-based telework on household total travel: A path analysis approach of British households. *Transportation Research Procedia* 27, pp. 832–840
- J22. Ivanova, D., Vita, R.G., Stadler, K., Steen-Olsen, K., **Melo, P.C.**, Wood, R., Hertwich, E. 2017. Mapping the carbon footprint of EU regions. *Environmental Research Letters* Vol. 12, No.5
- J21. **Melo, P.C.**, Graham, D.J., Levinson, D. and Aarabi, S. 2017. Agglomeration, Accessibility, and Productivity: Evidence for Large Metropolitan Areas in the US. *Urban Studies* Vol. 54(1), pp. 179-195
- J20. **Melo, P.C.** 2017. People, Places and Earnings Differentials in Scotland. *Regional Studies* Vol. 51(1), pp. 389-403
- J19. Mohammad, S.I., Graham, D.J, and **Melo, P.C.** 2017. The Effect of the Dubai Metro on the Value of Residential and Commercial Properties. *Journal of Transport and Land Use* Vol.10 No.1, pp. 263-290
- J18. **Melo, P.C.** 2016 Driving Down Road Transport CO₂ Emissions in Scotland. *International Journal of Sustainable Transportation* Vol.10(10), pp. 906-116
- J17. **Melo, P.C.**, Copus, A. and Coombes, M. 2016. Modelling Small Area At-Risk-of-Poverty Rates for the UK using the World Bank Methodology and the EU-SILC. *Applied Spatial Analysis and Policy* Vol.9(1), pp. 97-117

- J16. Copus, A., **Melo, P.C.**, Kaup, S., Tagai, G., and Artelaris, P. 2015. Regional Poverty Mapping in Europe – Challenges, Advances, Benefits and Limitations. *Local Economy* Vol.30(7), pp. 742-764
- J15. Canavan, S., Graham, D.J., **Melo, P.C.**, Anderson, R.J., Barron, A., and Cohen, J.M. 2015. The Impacts of Moving Block Signalling on Technical Efficiency: An Application of Propensity Score Matching on Urban Metro Rail Systems. *Transportation Research Record: Journal of the Transportation Research Board* No 2534, pp. 68-74
- J14. **Melo, P.C.** and Ramli, A.R. 2014. Estimating Fuel Demand Elasticities to Evaluate CO₂ Emissions: Panel Data Evidence for the Lisbon Metropolitan Area. *Transportation Research Part A: Policy and Practice* Vol.67, pp. 30-46
- J13. **Melo, P.C.**, and Graham, D.J. 2014. Testing for Labour Pooling as a Source of Agglomeration Economies: Evidence for Labour Markets in England and Wales. *Papers in Regional Science* Vol.93(1), pp. 31-52
- J12. **Melo, P.C.**, Graham, D.J., and Brage-Ardao, R. 2013. The productivity of transport infrastructure investment: A meta-analysis of empirical evidence. *Regional Science and Urban Economics* Vol.43, pp. 695-706
- J11. Mohammad, S. I., Graham, D.J., **Melo, P.C.**, Anderson, R.J. 2013. A Meta-Analysis of the Impact of Rail Projects on Land and Property Values. *Transportation Research Part A: Policy and Practice* Vol.50, pp. 158-170
- J10. Barron, A., **Melo, P.C.**, Cohen, J.M., and Anderson, R.J. 2013. Passenger-Focused Management Approach to Measurement of Train Delay Impacts. *Transportation Research Record: Journal of the Transportation Research Board* No 2351, pp. 46-53
- J09. **Melo, P.C.**, Graham, D.J., and Canavan, S. 2012. Effects of Road Investments on Productivity and Induced Travel Demand: Evidence for Urbanized Areas in the United States. *Transportation Research Record: Journal of the Transportation Research Board* No 2297, pp. 163–171
- J08. Molloy, J., **Melo, P.C.**, Graham, D.J., Majumdar, A., and Ochieng, W. 2012. The Role of Air Travel Demand Elasticities in Reducing Aviation's CO₂ Emissions: Evidence for European Airlines. *Transportation Research Record: Journal of the Transportation Research Board* No 2300, pp.31-41
- J07. Le Néchet, F., **Melo, P.C.**, and Graham, D.J. 2012. The Role of Transport Induced Agglomeration Effects on Firm Productivity in Mega-City regions: Evidence for Bassin Parisien. *Transportation Research Record: Journal of the Transportation Research Board* No 2307, pp. 21-30
- J06. **Melo, P.C.**, Graham, D.J., and Noland, R.B. 2012. The Effect of Labour Market Spatial Structure on Commuting in England and Wales. *Journal of Economic Geography* Vol.12(3), pp. 717-737

- J05. Graham, D.J., and **Melo, P.C.** 2011. Evidence on the Assessment of Wider Economic Impacts of High-Speed Rail for Great Britain. *Transportation Research Record: Journal of the Transportation Research Board* No, 2261 pp.15-24
- J04. **Melo, P.C.**, Harris, N.G., Graham, D.J., Anderson, R.J., Barron, A. 2011. Determinants of Delay Incident Performance of Urban Metros. *Transportation Research Record: Journal of the Transportation Research Board* No 2216, pp. 10-18
- J03. Graham, D.J., **Melo, P.C.**, Jiwattanakulpaisarn, P., and Noland, R.B. 2010. Testing for Causality between Productivity and Agglomeration Economies. *Journal of Regional Science* Vol.50(5), pp. 935-951
- J02. **Melo, P.C.**, Graham, D.J., and Noland, R.B. 2010. Impact of Transport Infrastructure on Firm Formation: Evidence from the Portuguese Municipalities. *Transportation Research Record: Journal of the Transportation Research Board* No 2163, pp. 133-143
- J01. **Melo, P.C.**, Graham, D.J., and Noland, R.B. 2009. A Meta-Analysis of Estimates of Urban Agglomeration Economies. *Regional Science and Urban Economics* Vol.39, pp. 332-342

B.2. Publications - Books and Book Chapters

- B04. **Melo, P.C.**, (2023) Transportation and Urban Spatial Structure, In: João de Abreu e Silva, Kristina Currans, Robert Schneider and Veronique Van Acker (eds.) *Handbook on Transportation and Land Use: Human-Centered Communities in an Age of Rapid Technological Change*, Cheltenham: Edward Elgar Publishing Ltd, Chapter 4
- B03. **Melo, P.C.**, (2021) Transport infrastructure effects on economic output: the micro-economic approach. In: Vickerman, Roger (eds.) *International Encyclopedia of Transportation*. vol. 1, pp. 347-354. UK: Elsevier Ltd
- B02. **Melo, P.C.**, Graham, D.J. and Noland, R.B. (2013) A Meta-Analysis of Estimates of Urban Agglomeration Economies, In: McCann, Philip (ed) *New Developments in Spatial Economics and Economic Geography*, Cheltenham: Edward Elgar Publishing Ltd, Chapter 23
- B01. **Melo, P.C.**, Graham, D.J. and Noland, R.B. (2012) A Meta-Analysis of Estimates of Urban Agglomeration Economies, In: Mulley, Corinne (ed) *Urban Form and Transport Accessibility, Volume 3 of Classics in Transport and Environmental Valuation Series*, Cheltenham: Edward Elgar Publishing Ltd, Chapter 24

B.3. Publications - Working Papers

- W10. Rocha, B.T., **Melo, P.C.**, Afonso, N. and de Abreu e Silva, J. 2021. What drives the allocation of motorways? Evidence from Portugal's fast-expanding network, Working Paper 0184-

2021, REM Working Paper Series, July 2021. Available at:
https://rem.rc.iseg.ulisboa.pt/wps/pdf/REM_WP_0184_2021.pdf

- W09. Rocha, B.T., **Melo, P.C.**, Afonso, N. and de Abreu e Silva, J. 2021. Motorways, urban growth, and suburbanisation: evidence from three decades of motorway construction in Portugal, Working Paper 0174-2021, REM Working Paper Series, May 2021. Available at:
https://rem.rc.iseg.ulisboa.pt/wps/pdf/REM_WP_0174_2021.pdf
- W08. **Melo, P.C.**, Rego, C., Anciães, P. R., Guiomar, N. and Muñoz-Rojas, J. 2021. Does road accessibility to cities support rural population growth? Evidence for Portugal for 1991-2011, Working Paper 0165-2021, REM Working Paper Series, March 2021. Available at:
https://rem.rc.iseg.ulisboa.pt/wps/pdf/REM_WP_0165_2021.pdf
- W07. Mogila, Z., **Melo, P.C.** and Gaspar, J. M. 2020. Exploring the relation between income mobility and inequality at the regional level using EU-SILC microdata, Working Paper 0134-2020, REM Working Paper Series, May 2020. Available at:
https://rem.rc.iseg.ulisboa.pt/wps/pdf/REM_WP_0134_2020.pdf
- W06. Mogila, Z., **Melo, P.C.** and Gaspar, J. M. 2020. Measuring inequality of opportunity across EU-SILC countries: national and urban-rural perspectives, Working Paper 0135-2020, REM Working Paper Series, May 2020. Available at:
https://rem.rc.iseg.ulisboa.pt/wps/pdf/REM_WP_0135_2020.pdf
- W05. Knies, G., **Melo, P.C.** and Zhang, M. 2020. Neighbourhood Deprivation, Life Satisfaction and Earnings: Comparative Analyses of Neighbourhood Effects at Bespoke Scales, ISER Working Paper Series 2020-01, January 2020. Available at:
<https://www.iser.essex.ac.uk/research/publications/working-papers/iser/2020-01>
- W04. Pontes, J.P. and **Melo, P.C.** 2018. Does Country Size Affect the Relationship between Population Density and Labour Productivity? Theory and Evidence for Europe, Working Paper 023-2018, REM Working Paper Series, January 2018. Available at:
https://rem.rc.iseg.ulisboa.pt/wps/pdf/REM_WP_023_2018.pdf
- W03. **Melo, P.C.** and Graham, D.J. 2017. Transport-Induced Agglomeration Effects: Evidence for US Metropolitan Areas, Working Paper 006-2017, REM Working Paper Series, October 2017. Available at: https://rem.rc.iseg.ulisboa.pt/wps/pdf/REM_WP_006_2017.pdf
- W02. Gavves, E., **Melo, P.C.**, and Graham, D.J. 2013. Fuel Demand and Road Transport CO₂ Emissions: Evidence for the Greater Porto Region. Proceedings of the 13th World Conference on Transport Research (WCTR), Rio de Janeiro, Brazil. Available at:
<http://www.wctrs.leeds.ac.uk/wp/wp-content/uploads/abstracts/rio/general/1093.pdf>
- W01. **Melo, P.C.**, and Graham, D.J. 2009. Agglomeration Economies and Labour Productivity: Evidence from Longitudinal Worker Data for GB's Travel-to-Work Areas. Discussion Paper Nr.31, Spatial Economics Research Centre (SERC), London School of Economics (LSE). Available at: <http://eprints.lse.ac.uk/33268/1/sercdp0031.pdf>

B.4. Publications - Policy and Technical Reports

- R16. Report [Deliverable 5.3: Deliverable 5.3: Location and context - analysis of spatial inequalities at different geographical scales](#). EU H2020 RELOCAL-Resituating the Local in Cohesion and Territorial Development. Grant Agreement no: 727097, March 2019.
- R15. [Report on multi-scalar patterns of inequalities. Deliverable 5.2](#). EU H2020 RELOCAL-Resituating the Local in Cohesion and Territorial Development. Grant Agreement no: 727097, June 2018.
- R14. [Work Package 5: Case Studies in Sustainable Lifestyles and Consumption Initiatives. Deliverable 5.9: Case Study Report](#): Aberdeenshire, Scotland (with Tony Craig, Anke Fischer, Jiaqi Ge, Mark Brewer, Kathryn Colley, Gary Polhill). EU FP7 Green Lifestyles, Alternative Models & Up-scaling Regional Sustainability / GLAMURS: Grant Agreement no: 613420, October 2016.
- R13. Access to outdoor recreation by older people in Scotland (with Colley, K., Currie, M., Hopkins, J.). Report for Rural Communities Research, Rural and Environment Science and Analytical Services (RESAS) Division, The Scottish Government, March 2016.
<http://www.gov.scot/Resource/0050/00500263.pdf>
- R12. [Regional employment growth in Scotland: 2001-2011](#) (with Vellinga, N.). The James Hutton Institute, March 2015.
- R11. [Income Elasticities of Food Demand in Africa: A Meta-Analysis](#) (with Yakubu Abdul-Salam, Deborah Roberts, Alana Gilbert, Robin Matthews, Liesbeth Colen, Sebastien Mary, Sergio Gomez Y Paloma). Joint Research Centre (JRC), Institute for Prospective Technological Studies. JRC98812, 2015.
- R10. Implementation of Poverty Mapping (with Andrew Copus). Working Paper 5 of EU FP7 ESPON project TIPSE The Territorial Dimension of Poverty and social exclusion in Europe, The James Hutton Institute, April 2014 [[Annex 3 Poverty Mapping Methodology](#)]
- R09. Recalibrating the Capacity Charge for CP5 (2013) Report for Network Rail
- R08. [Measuring the Impact of High-Speed Rail on Economic Performance: Evidence for the Madrid-Barcelona Corridor](#) (with Graham, D.J. and Brage-Ardao, R.). ESRC Grant: Transport Investments and Spatial Economic Performance, Grant reference: ES/J007382/1.
- R07. Investing in Punctuality. Case study for the International Suburban Railway Benchmarking Group (ISBeRG), Railway and Transport Strategy Centre (RTSC), 2011
- R06. Review of Appraisal Methodologies of the External Effects of Urban Rail Projects. Railway and Transport Strategy Centre (RTSC), 2011
- R05. Nova Phase 12: Train Service Reliability Case Study, Railway and Transport Strategy Centre (RTSC), 2010
- R04. Graham, D.J. and Melo, P.C. [Advice on the Assessment of Wider Economic Impacts: A Report for HS2](#). Department for Transport, London, 2010.

- R03. Graham, D.J. and Melo, P.C. Validation of the National Transport Model using Employment surveys: Phase 2. Part 2: Analysis of commuting data from the Census and NTM. Department for Transport, London, 2010
- R02. Graham, D.J., Melo, P.C. and Crotte, A. Validation of the National Transport Model using Employment Surveys: Phase 2. Part 1: Analysis of the Internal Consistency of the ASHE Data Department for Transport, London, 2009
- R01. Graham, D.J. and Melo, P.C. Validation of the National Transport Model using Employment Surveys: Phase 1. Department for Transport, London, 2008

B.5. Publications - Databases

- D03. Melo, Patricia; Cavalcanti, Diego; Sousa, M. Luísa (2024), “Evolution of Travel Mobility in Lisbon: 1937-2022”, Mendeley Data, V1, doi: 10.17632/gfby9zc3yh.1
- D02. Afonso, N., Melo, P.C., Rocha, B.T., de Abreu e Silva, J. (2023), “[TiTuSS Transport Database](#)”, Mendeley Data, V1, doi: 10.17632/ry5dkty7t7.1.
- D01. Knies, G., Melo, P.C., Zhang, M. (2020), “[Neighbourhood Effect Studies of Subjective and Objective Wellbeing \(2002-2018\)](#)”, Mendeley Data, V1, doi: 10.17632/nkf79rtfk8.1.

B.6. Research Grants Awarded – Project Coordination (PI, Co-PI, and WP Leader)

- 2022-2026 TASSEL - Growth or Relocation? Transport Accessibility and Economic Activity Location (PTDC/GES-GCE/4046/2021), **Principal Investigator**, € 240,892. Funded by FCT-Fundação para a Ciência e a Tecnologia, Portugal
- 2022-2025 REMOBIL - Rethinking Mobility, Location Patterns and Urban Form after the COVID19 Pandemic. The Effects of Telework and E-shopping, **WP Leader** (Total: € 245,592; UECE: € 48,210) Funded by FCT-Fundação para a Ciência e a Tecnologia, Portugal
- 2022-2023 [Hi.BicLab - Laboratório de História para Mobilidades Urbanas Sustentáveis: Políticas Cicláveis de Lisboa](#), **WP Leader**. Funded by FCT-Fundação para a Ciência e Tecnologia, Portugal.
- 2021-2024 [MASTI - Mobility as a Service and Socio-Territorial Inequalities](#), **WP Leader** (Total: € 244,374; UECE: € 41,592). Funded by FCT-Fundação para a Ciência e a Tecnologia, Portugal
- 2018-2022 [TiTuSS - Transport Infrastructure and Urban Spatial Structure: Economic, Social and Environmental Effects](#) (PTDC/EGE-ECO/28805/2017), **Principal Investigator**, € 229,539. Funded by FCT-Fundação para a Ciência e a Tecnologia, Portugal

- 2018-2021 [Investigating People-Place Effects in the UK using Linked Longitudinal Survey and Administrative Data](#), **Co-Principal Investigator**, £ 188,407. Funded by Nuffield Foundation, UK
- 2017-2020 *RELOCAL - Resituating the Local in Cohesion and Territorial Development*, EU H2020, European Commission, **Principal Investigator** for ISEG contribution, € 99,000
- 2016-2017 *RELOCAL - Resituating the Local in Cohesion and Territorial Development*, EU H2020, European Commission, **Principal Investigator** for Hutton contribution, € 305,000
- 2016-2017 *WP3.4 Communities and Wellbeing*, Scottish Government Rural Affairs and Environment Strategic Research (RESAS) Strategic Research Programme 2016/21, **Work Package Coordinator**, £ 1,268,984 (2016/21)
- 2016-2017 *RD3.4.2 - Place-Based Policy and its Implications for Policy and Service Delivery*, Scottish Government Rural Affairs and Environment Strategic Research (RESAS) Strategic Research Programme 2016/21, **Co-Principal Investigator**, £ 292,199 (2016/21)
- 2014-2016 *WP8.1 - The Relationship Between Economic Performance and Social Outcomes in Rural Communities*, Scottish Government Rural Affairs and Environment Strategic Research (RESAS) Strategic Research Programme 2011/16, **Principal Investigator** during 2014-2016, £ 129,202 (2014/16)
- 2015 NESTRANS and TACTRAN Sustainable Travel Grants Scheme, **Principal Investigator**. Funding obtained for *Hutton e-bike pool pilot scheme* and new bicycle parking shelter, £ 3,260
- 2015 *Home-Based Telework, Residential Location and Intra-Household Dynamics*, Short Term Scientific Mission (Nov.-Dec. 2015), COST Action TU1305, European Commission, **Principal Investigator**, € 1,350
- 2014-2015 *Income Elasticities of Food Demand in Africa: A Meta-Analysis*, European Commission Joint Research Centre, **Co-Principal Investigator**, € 23,751

B.7. Research Grants Awarded – Project Participation as Researcher

- 2014-2017 Substitute member, COST Action TU1305 Social Network and Travel Behaviour
- 2012-2013 *Understanding Cost Efficiency using Econometric Benchmarking*, London Underground, **Researcher Co-I**. I wrote the proposal, £ 100,000
- 2011-2012 *Transport Investments and Spatial Economic Performance (ES/J007382/1)*, UK Economic and Social Research Council (ESRC), **Named researcher**, £ 217,167

- 2010 *Review of Appraisal Methodologies of the External Effects of Urban Rail Projects*, Metro de Madrid, **Researcher Co-I**, £ 10,000
- 2009 *Assessment of the Wider Economic Benefits from Agglomeration Externalities in the Context of the High Speed Two (HS2) rail connection*, UK Department for Transport (DfT), **Named researcher**, £ 20,000
- 2007-2009 *Validation of the Commuting Patterns Produced by the National Transport Model (NTM) Against Observed Data on Commuting Patterns from Official Surveys*, UK Department for Transport (DfT), **Named researcher**, £ 106,000

B.8. Invited Talks and Interviews

- 2023 Rejected invitation to give a keynote lecture at the 63rd annual congress of the European Regional Science Association (ERSA), in Terceira, Azores (in Aug. 2024).
- 2022 Invited seminar "[Os impactos territoriais das autoestradas em Portugal](#)", ciclo de conferências "Conversas à Sexta" da redeMOV, 9 Dez. 2022, Reitoria da Universidade de Lisboa
- 2022 Invited talk "Going Big in a Small Country: Motorways, Urban Growth and Sprawl in Portugal", [2nd Porto Workshop on Economic Geography](#), Regional Development, and Migrations, FEP-UP, Porto, 6 June 2022
- 2021 90 Seconds of Science/90 Segundos de Ciência, [Radio interview about the project TiTuSS - Transport Infrastructure & Urban Spatial Structure: Economic, Social & Environmental Effects](#), (16 Nov. 2021)
- 2021 Invited talk "[Teleworking, residential location, and mobility patterns in pre- & post-covid19 spatial economies](#)", RSPP Workshop on Pandemics, Location and Mobility, Ponta Delgada, Azores, 2 Nov. 2021
- 2021 Keynote speech "[Transportation and the spatial economy: old questions, new\(er\) methods](#)", 28th APDR Congress, 16 Sept. 2021, Vila Real
- 2020 Invited to talk about teleworking and travel demand in times of COVID-19 pandemic in the Webinar "Coworking and Covid-19 emergency". [Link to webinar](#) (20th June 2020)
- 2019 Invited ERSA-REGIO Academic Lecture at DG REGIO, Brussels, Belgium. Presentation title: "[Transport investment, economic performance and regional development](#)" (20th June 2019)
- 2018 Invited to give a seminar at Center for Advanced Studies in Management and Economics (CEFAGE), University of Évora, Portugal. Presentation title: "Spillover Effects of Proximity to Urban Centres: Evidence for Rural Scotland" (26th January)

- 2017 Invited expert member of the international scientific advisory group (SAG) for Research Council of Norway funded project: IMPACT: Impacts of transport infrastructure investments on urban- and regional development

- 2016 Invited as speaker to a seminar on “Regional Well-Being Indicators” organized by DG Employment, Social Affairs & Inclusion of the European Commission. Presentation title: “Territorial Dimensions of Poverty and Social Exclusion in Europe” (19th Oct., Brussels, Belgium). The presentation is available from the following link:
<http://ec.europa.eu/social/main.jsp?langId=en&catId=1049&newsId=2659&furtherNews=yes>

- 2016 Live interview on BBC Radio Scotland's Good Morning Scotland about commuting patterns following the announcement of a Bank of Scotland study on the most affordable commuter towns in Scotland (26th Sep.) The interview can be listened to at <http://www.bbc.co.uk/programmes/b07vwzby>, from 2h 44m 24s into the programme

- 2016 Invited as speaker to OECD workshop on “Making Inclusive Growth Happen in Cities and Regions” organized by the OECD Regional Development Policy Division. Presentation title: “Agglomeration, Economic Growth, and Socio-Spatial Inequalities” (20th April, OECD Headquarters, Paris, France)

- 2016 Invited to give a presentation at the Management Committee meeting of the COST Action TU1305 Social Networks and Travel Behaviour. Presentation title: “Home-based Telework, Residential Location and Intra-Household Dynamics” (19th May, Bucharest, Romania)

- 2015 Presentation to Directorate-General for International Cooperation and Development, European Commission (EU), Brussels, Belgium. Presentation title: “A Meta-Analysis of the Impacts of Household Incomes on Food Demand in Africa” (22nd May)

- 2014 Invited to give a seminar at the Department of Economics, University of Aberdeen, Scotland. Presentation title: “People, Places and Earnings Differentials: Microdata Evidence for Scotland” (26th June)

- 2014 Invited to give a seminar at the Centre for Transport Research (CTR), University of Aberdeen, Scotland. Presentation title: “Modelling Travel Mode Choice in Rural and Urban Scotland” (12th February)

- 2014 Invited to give a seminar at the Spatial-Environmental Governance for Sustainability Research Centre (UMSERGE), University of Malaya, Kuala Lumpur, Malaysia. Presentation title: “Modelling Travel Mode Choice in Rural and Urban Scotland” (20th January)

- 2009 Invited to give a seminar at the Institute for Transport Planning and Systems, ETH-Zurich, Switzerland. Presentation title: “Evidence on the Linkages between Productivity, Agglomeration Economies, and Transport” (7th May)

- 2009 Invited to give a seminar at the SERC/LSE Junior Seminars in Spatial Economics at the London School of Economics (LSE), London, UK. Presentation title: “Agglomeration Economies and Spatial Wage Rates: Evidence for Great Britain’s Travel-to-Work Areas” (5th March)

B.9. Selected Presentations at Conferences, Seminars, Workshops

1. Will the COVID-19 hinder or aid the transition to sustainable urban mobility? Spotlight on Portugal's largest urban agglomeration. Invited talk, Advanced Brainstorm Carrefour "Covid-19, Transport and Mobility" organized by the Regional Science Academy, North American Regional Science Council (NARSC), Montreal, Canada, 9 Nov 2022.
2. Going Big in a Small Country: Motorways, Urban Growth and Sprawl in Portugal, Invited talk, [2nd Porto workshop on Economic Geography, Regional Development](#), and Migrations, Porto, 6th June 2022.
3. Teleworking, residential location, and mobility patterns in pre- & post-covid19 spatial economies, Invited talk, RSPP Workshop on Pandemics, Location and Mobility, Ponta Delgada, Azores, 2 Nov. 2021.
4. Transportation and the spatial economy: old questions, new(er) methods, Keynote speech, 28th APDR Congress, 16 Sept. 2021, Vila Real.
5. Transport investment, economic performance and regional development, 2nd ERSA-REGIO Invited Academic Lecture, 20 June 2019.
6. The impact of motorway expansion on urban growth patterns: the case of Portugal between 1991 and 2011, 59th European Regional Science Association (ERSA) Annual Conference, Lyon, France, 27-30 Aug. 2019
7. Spatial Disparities in Population Growth Across Rural Areas in Portugal between 1991 and 2011, 59th European Regional Science Association (ERSA) Annual Conference, Lyon, France, 27-30 Aug. 2019
8. The impact of motorway expansion on urban growth patterns: the case of Portugal between 1991 and 2011, 26th APDR Congress, July 4-5, 2019, Aveiro, Portugal
9. Spatial Disparities in Population Growth Across Rural Areas in Portugal between 1991 and 2011, Regional Studies Association (RSA) Annual Conference, University of Santiago De Compostela, Spain, 4-7 June 2019
10. Spatial disparities in rural socio-economic performance in Portugal: 1991-2011, XVI Colóquio Ibérico de Geografia, IGOT-ULisboa, Portugal, 5-7 Nov. 2018
11. Spatial disparities in socio-economic performance between 1991 and 2011: Evidence for Portugal, 58th European Regional Science Association (ERSA) annual congress, Cork, Ireland, 28-31 Aug. 2018
12. Understanding the decline in public transport demand under austerity: Evidence for Lisbon Metropolitan Area, 58th European Regional Science Association (ERSA) annual congress, Cork, Ireland, 28-31 Aug. 2018
13. Spatio-temporal income dynamics in Scotland, 57th European Regional Science Association (ERSA) annual congress, Groningen, The Netherlands, 29 Aug.-1 Sep. 2017

14. City-regions and rural-to-urban commuting patterns in Scotland, 45th Regional Science Association International - British Irish Section (RSAIBIS) annual conference, Newquay, England, 30 Aug.-1 Sep. 2016
15. City-regions and rural-to-urban commuting patterns in Scotland, 56th European Regional Science Association (ERSA) annual congress, Vienna, Austria, 23-26 Aug. 2016
16. Causality and Causal Inference for Social and Economic Interventions, Forum for Quantitative Science workshop on Socio-Economic Modelling, Edinburgh, Scotland, 31 May 2016
17. Spillover Effects of Proximity to Urban Centres: Evidence for Rural Scotland, 55th European Regional Science Association (ERSA) annual congress, Lisbon, Portugal, 25-28 Aug. 2015
18. Quantifying the Effects of Delay Incidents on the Performance of Metro Rail Systems using Stochastic Frontier Analysis, 93rd Transportation Research Board (TRB) annual congress, Washington DC, USA, 12-16 Jan. 2014
19. Transport-Induced Agglomeration Effects: Evidence for US Metropolitan Areas, 54th European Regional Science Association (ERSA) annual congress, St. Petersburg, Russia, 26-29 Aug. 2014
20. People, Places, and Earnings Differentials: Microdata Evidence for Scotland, 54th European Regional Science Association (ERSA) annual congress, St. Petersburg, Russia, 26-29 Aug. 2014
21. Fuel demand and Road Transport CO₂ emissions: Evidence for the greater Porto region, 13th World Conference on Transport Research (WCTR), Rio de Janeiro, Brazil, 15-18 July 2013
22. Agglomeration, Accessibility, and Productivity: Evidence for Urbanized Areas in the US, 92nd Transportation Research Board (TRB) annual congress, Washington DC, USA, 13-17 Jan. 2013
23. The Role of Transport Induced Agglomeration Effects on Firm Productivity in Mega-City regions: Evidence for Bassin Parisien, 91st Transportation Research Board (TRB) annual congress, Washington DC, USA, 22-26 Jan. 2012
24. The role of air travel demand elasticities in reducing aviation's CO₂ emissions: Evidence for European airlines, 91st Transportation Research Board (TRB) annual congress, Washington DC, USA, 22-26 Jan. 2012
25. The Effects of Road Investments on Productivity and Induced Travel Demand: Evidence for Urbanized Areas in the US, 91st Transportation Research Board (TRB) annual congress, Washington DC, USA, 22-26 Jan. 2012
26. Determinants of Delay Incident Occurrence of Urban Metros, 90th Transportation Research Board (TRB) annual congress, Washington DC, USA, 23-27 Jan. 2011
27. Evidence on the Assessment of Wider Economic Impacts of High-Speed Rail for Great Britain, 90th Transportation Research Board (TRB) annual congress, Washington DC, USA, 23-27 Jan. 2011
28. Impact of transport infrastructure on firm formation: evidence from the Portuguese municipalities, 89th Transportation Research Board (TRB) annual congress, Washington DC, USA, 10-14 Jan. 2010

29. Agglomeration economies and labour productivity: evidence from longitudinal worker level data for GB's Travel-to-Work Areas, 49th European Regional Science Association (ERSA) annual conference, Lodz, Poland, 25-29 Aug. 2009
30. Testing for causality between productivity and agglomeration economies, 55th Annual North American Meetings of the Regional Science Association International (NARSC), New York City, USA, 19-22 Nov. 2008
31. Agglomeration and gravity: estimating the spatial decay of labour pooling spillovers using data on commuting flows, 55th Annual North American Meetings of the Regional Science Association International (NARSC), New York City, USA, 19-22 Nov. 2008
32. Firm birth and transport infrastructure: A case study of Portugal, 87th Transportation Research Board (TRB) annual congress, Washington DC, USA, 13-17 Jan. 2008
33. Firm birth and transport infrastructure: A case study of Portugal, Regional Studies Association (RSA) Winter Regional Studies, London, 23 Nov. 2007
34. Firm birth and transport infrastructure: A case study of Portugal, 47th European Regional Science Association (ERSA) annual congress, Paris, France, 29 Aug. – 02 Sep. 2007

B.10. Accepted Invitations as External Reviewer for Scientific Projects, Government Projects

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|------|---|
| 2017 | Independent External Expert for COST (CO-operation in Science and Technology), EU Framework Programme Horizon 2020. Proposal: OC-2016-2-21525 |
| 2016 | Reviewer for UK's Department for Transport "Buses and the Economy II: Task 3 Report" |
| 2015 | Independent External Expert for COST (CO-operation in Science and Technology), EU Framework Programme Horizon 2020. Proposal: OC-2015-2-20279 |
| 2014 | External reviewer for the Innovational Research Incentives Scheme, Netherlands Organisation for Scientific Research (NWO) |

B.11. Awards and Scholarships

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|------|---|
| 2021 | Awarded PhD grant for research assistant Mauricio de Carvalho, based at ISEG-ULisboa. |
| 2020 | Awarded PhD grant for research assistant Nuno Afonso, based at IST-ULisboa. |
| 2020 | RSPP Paper Award 2020. Awarded by Regional Science Association International for best paper published in Regional Science Policy and Practice with D. J. Graham. |
| 2016 | Awarded funding to participate in autumn school 'Theory and practice of programme evaluation: evidence from regression discontinuity design-based methods', funded through the InGRID project by EU's FP7 for Research, Technological Development and Demonstration |

- 2015 Awarded a research grant for a Short-Term Scientific Mission by COST Action TU1305, European Commission. Project title: Home-Based Telework, Residential Location and Intra-Household Dynamics (host institution: CESUR/CERis, University of Lisbon)
- 2010 Awarded a scholarship by the European Investment Bank, the Centre for Transport Studies at KTH in Stockholm and Jönköping University to participate in a summer school on Productivity and Financing of Regional Infrastructure
- 2009 Second prize of the Epainos Award for the best paper in Regional Science by a young scientist (49th Congress of the European Regional Science Association (ERSA))
- 2007 Awarded a scholarship by the European Union through its Marie Curie Actions and the European Regional Science Association (ERSA) to participate in a summer school on Spatial Economics and Spatial Statistics
- 2006-2010 PhD scholarship, Transport for London (TfL)
- 2002 Merit scholarship awarded by the Portuguese Ministry of Education
- 2001 Erasmus programme, European Union

B.12. Membership of Scientific Societies

- 2019- Member of the Executive Board of APDR-Associação Portuguesa de Desenvolvimento Regional, the Portuguese section of Regional Science Association International (RSAI)
- 2017- Member, Associação Portuguesa de Desenvolvimento Regional (APDR)
- 2022- Member, Associação Portuguesa de Economia Política (APEP)

B.13. Membership of the Editorial Team of Peer-Review Scientific Journals

- 2023- Associate Editor for journal *Regional Science, Policy and Practice*
- 2015- Associate Editor for journal *Regional Studies, Regional Science*
- 2020- Member of the editorial board of the section "Sustainable Transportation" of the journal *Sustainability*

B.14. Membership of Scientific Committees of Conferences and Projects (selection)

1. 31st congress of APDR, the Portuguese section of the European regional Science Association (ERSA), 26-28 June 2022, Leiria, Portugal,
<http://www.apdr.pt/congresso/2024/committee.html>
2. Member of the International Advisory Board (IAB) of the European project [EXIT- Exploring Sustainable Strategies to Counteract Territorial Inequalities from an Intersectional Approach](#).
3. 29th congress of APDR, the Portuguese section of the European regional Science Association (ERSA), 29-30 June 2022, Funchal, Portugal

4. 28th congress of APDR, the Portuguese section of the European regional Science Association (ERSA), 16-17 Sept. 2021, Vila Real, Portugal
5. 23rd annual congress of INFER, the International Network for Economic Research, 8-10 Sept. 2021, Lisbon, Portugal
6. RELOCAL & PLOTINA JOINT WORKSHOP ON "[WOMEN AS AGENTS OF LOCAL TRANSFORMATION](#)", ISEG, Lisbon, 22 Jan. 2020
7. RELOCAL & IMAJINE JOINT WORKSHOP ON [SPATIAL DISPARITIES IN EUROPE](#), ISEG, Lisbon, 22 Oct. 2019
8. 26th congress of APDR, the Portuguese section of the European regional Science Association (ERSA), 4-5 July 2019, Aveiro, Portugal

B.15. Refereeing Activities in Scientific Journals (selection)

Journal of Economic Geography, Journal of Regional Science, Journal of Urban Economics, Journal of Transport Economics and Policy, Journal of Transport Geography, Papers in Regional Science, Regional Science and Urban Economics, Urban Studies, Regional Studies, Regional Studies, Regional Science, Transportation Research Part A, Transportation Research Part B, Transportmetrica, Urban Geography, Journal of Housing and the Built Environment, Energy Efficiency, Growth and Change, Journal of Transport and Land Use, Ecological Economics

B.16. Ongoing MSc and PhD Student Supervision

- Francisco Amaro, "The effect of ride hailing on public transport services and urban mobility patterns", **MiM Master in Management**, ISEG
- Margarida Vaz, "Motorways, urban sprawl, and (un)sustainable travel mobility in Portugal: 1991-2021", **MSc in Economics and Public Policy**, ISEG
- Simão Godinho, "Motorway investments in Portugal: driving towards regional convergence?", **MSc in Economics**, ISEG
- António Lima, "O PART, a Covid19 e a Mobilidade Sustentável", **MSc in Economics**, ISEG
- Gonçalo Sardinha, "Economia de transportes em contexto urbano: Uma perspetiva de longo prazo da mobilidade em Lisboa", **MSc in Economics and Public Policy**, ISEG
- Bruno Lima, "A Economia do Bem-Estar: Análise Internacional com Aplicação ao Caso Português", **MiM Master in Management**, ISEG
- Nuno Filipe da Silva Afonso, "A vision on the evolution of the Portuguese road-rail networks since the early twentieth century: Analysis of its impacts on land-use patterns" (**PhD student**, as co-supervisor)
- Valentino Salgado Cunha, "The economic effects of rail investment and disinvestment in Portugal", ISEG-Universidade de Lisboa (**PhD student**, as main supervisor)

- Mauricio Silva de Carvalho, “Essays on the economic impact of 35 years of road investment in Portugal: Estimating the linkages between transport accessibility, agglomeration externalities and displacement effects”, ISEG-Universidade de Lisboa (**PhD student**, as main supervisor)

B.17. Completed PhD Student Supervision

1. Nuno Filipe da Silva Afonso, (in progress), 'A vision on the evolution of the Portuguese road-rail networks since the early twentieth century: Analysis of its impacts on land-use patterns' (as co-supervisor)
2. Valentino Salgado Cunha, (in progress), 'The economic effects of rail investment and disinvestment in Portugal', ISEG-Universidade de Lisboa (as main supervisor)
3. Mauricio Silva de Carvalho, (in progress), 'Essays on the economic impact of 35 years of road investment in Portugal: Estimating the linkages between transport accessibility, agglomeration externalities and displacement effects', ISEG-Universidade de Lisboa (as main supervisor)
4. Shane Canavan, (2015), ‘Performance Modelling of Urban Metro Rail Systems: An Application of Frontiers, Regression, and Causal Inference Techniques’, Imperial College London (completed) (as co-supervisor)
5. Sara Mohammad, (2015) ‘Impact of Dubai Metro on Property Values’, Imperial College London (completed) (as co-supervisor)

B.18. Completed MSc Student Supervision

1. Gonalo Sardinha (in progress) 'Taking a long-term perspective on the drivers of travel modal shares in Lisbon', MSc in Economics and Public Policy, ISEG-Universidade de Lisboa
2. Simo Godinho (in progress), 'Motorway investments in Portugal: driving towards regional convergence? ' MSc in Economics, ISEG-Universidade de Lisboa
3. Antnio Lima (in progress) 'O PART, a Covid19 e a Mobilidade Sustentvel', MSc in Economics, ISEG-Universidade de Lisboa
4. Margarida Pessoa Vaz (in progress) 'Motorways, urban spatial structure, and car-based mobility patterns in Portugal between 1991 and 2011', MSc in Economics and Public Policy, ISEG-Universidade de Lisboa
5. Francisco Amaro (2024) ‘Does e-hailing contribute to a more sustainable urban mobility? Evidence for Lisbon’, MSc in Management (MiM), ISEG-Universidade de Lisboa
6. Bruno Lima (2023) 'Wellbeing Economics: International Experiences and the Portuguese Case', MSc in Management (MiM), ISEG-Universidade de Lisboa
7. Ins do Couto (2022) 'Estimating the urban wage premium in Portugal using longitudinal microdata', MSC in Applied Econometrics and Forecasting, ISEG-Universidade de Lisboa
8. Hugo Ferreira (2022) 'Motorways, Sprawl, and the (Un)Sustainable Economy', MSc in Management (MiM), ISEG-Universidade de Lisboa

9. Rafael Pequito (2022) 'The Distributional Effects of Transport Cost and its Impact on Income Inequality: Evidence for Lisbon and Porto Metropolitan Areas', MSc in Economics and Public Policy, ISEG-Universidade de Lisboa
10. Daniel Rodrigues (2021) 'Políticas Públicas e Gestão do Estacionamento: Os casos dos Municípios de Lisboa e Porto', MSc in Economics and Public Policy, ISEG-Universidade de Lisboa
11. Gonçalo Martins (2021) 'The estimation of local employment multipliers for Portugal', MSc in Economics, ISEG-Universidade de Lisboa
12. Eric Habibo (2020) 'Exploring the drivers of commuting mode choice in Lisbon's metropolitan area', MSc in Economics and Public Policy, ISEG-Universidade de Lisboa
13. Chun (Michael) Lau (2013), 'The effects of road investments on economic output and induced travel demand: evidence for unitary authorities in England', MEng in Civil Engineering, Imperial College London (as co-supervisor)
14. Benjamin Gaitskell (2013) 'Peak-load pricing of metro demand', MEng in Civil Engineering, Imperial College London (as co-supervisor)
15. Thomas Godfrey (2013) 'Estimating the effects of low-cost airlines on route performance using dynamic panel data models', MEng in Civil Engineering, Imperial College London (as co-supervisor)
16. Emmanouil Gavves (2012) 'Estimation of fuel demand elasticities for the Porto Greater Metropolitan Area', MSc in Transport, Imperial College London (as co-supervisor)
17. Francesco Zhou (2012) 'The main determinants of metro demand: An international comparative study', MSc in Transport, Imperial College London (as co-supervisor)
18. Sarah Aarabi (2011) 'The impact of road enhancement on economic productivity in US urban areas', MSc in Transport, Imperial College London (as co-supervisor)
19. Marianne Faure (2011) 'An analysis of food accessibility in London' MSc in Transport, Imperial College London (as co-supervisor)
20. Howard Pak (2011) 'Productivity and agglomeration in Singapore: external benefits of the MRT system', MSc in Transport, Imperial College London (as co-supervisor)
21. Shane Canavan (2011) 'Transport infrastructure investment, roadway congestion, and economic performance in the United States: A causal analysis', MSc in Transport, Imperial College London (as co-supervisor)
22. Sebastien Badens (2011) 'A better economic appraisal of urban transport investments? Studying the agglomeration effect in France', MSc in Transport, Imperial College London (as co-supervisor)
23. Linda Neo (2011) 'Estimating the effect of parking price and congestion charge on parking demand', MSc in Transport, Imperial College London (as co-supervisor)

B.19. Recent Research Visits

July 2018	Social, Economic and Geographical Sciences (SEGS), The James Hutton Institute, Scotland, UK
Aug. 2018	Institute for Social and Economic Research (ISER), University of Essex, UK

B.20. PhD and MSc Examination Jury Member

1. Francisco Miguel Dinis de Carvalho (MSc in Management): “ESG Factors and Financial Performance of Corporations: The Case of Mediterranean Countries”, ISEG, Universidade de Lisboa, May 2024
2. Ui Jorge Ribeiro (MSc in Management): “Financial Institutions’ Motivationst Embrace the Net Zero Transition: The Case of Banco Comercial Português”, ISEG, Universidade de Lisboa, May 2024
3. Eduardo Francisco Pinção Cardoso (MSc in International Economics and European Studies): “O Impacto das Alterações Climáticas nos Países em Desenvolvimento: Uma Análise Comparativa de Índices de Vulnerabilidade”, ISEG, Universidade de Lisboa, Dec. 2023
4. Filipe Oliveira Feitosa (PhD in Economics): “Social justice on accessibility to services of general interest”, Universidade de Aveiro, Feb. 2023
5. Francisca Sampaio Xavier De Oliveira (MSc in Economics): “How Covid-19’s Impact on Pollutant Emissions Compares to Previous Pandemics”, ISEG, Universidade de Lisboa, Feb. 2022
6. Inês Barros de Oliveira (MSc in Economics): “Regional ex-ante Inequality of Opportunity in Portugal”, Católica Porto Business School, July 2020
7. Duco de Vos (PhD in Economics): “Information Technology and Urbanization Economies”, TU Delft, March 2020
8. Nuno Miguel Azevedo Aparício (MSc in Econometrics): “Estimação da Função de Procura do Metro de Lisboa: Uma Abordagem dom Séries Temporais Mensais”, ISEG, Universidade de Lisboa, Dec. 2018
9. José Francisco Rangel Preciado (PhD in Economics): “Los Sistemas Productivos Locales en Extremadura. Aportaciones a la Política de Desarrollo Industrial y Rural”, Universidad de Extremadura, July 2018

B.21. Professional Career Development Activities

2024	ISEG Summer School, 18-21 st July 2024, Applied Econometrics for Spatial Economics, ISEG, Lisbon
2023	ISEG Summer School, 11-13 th July 2023, Experimental Economics, ISEG, Lisbon
2020	Stata Econometrics Winter School 2020 , 20-24 th Jan 2020, School of Economics and Management - University of Porto - CEF.UP

2018	Advanced training Stata Course: Causal Inference and Policy Evaluation with Stata , 9-10 Nov 2018, ISEG, Lisbon
2017	Advanced training Stata Course: Structural Equation Models and Causal Inference Using Stata , 12-15 Set 2017, ISEG, Lisbon
2016	Autumn School Theory and Practice of Programme Evaluation: Evidence from Regression Discontinuity Design Based Methods , 9-10 Nov 2016, Luxembourg

C. Contributions to Teaching and Pedagogy

C.1. Director of Studies - Undergraduate Degree in Economics

2022 -	Undergraduate Degree (BSc) in Economics at ISEG, Shared Committee with four members. Besides administrative activities, the main activity is the revision of the undergraduate degree curriculum.
2019 - 2022	Undergraduate Degree (BSc) in Economics at ISEG, Individual Committee with a single coordinator. Besides the administrative activities, the main activities were: i) completion of the process of reaccreditation of the undergraduate programme by the national agency for certification and quality of higher education (A3ES) between Nov. 2019 and Feb. 2022, and ii) initiation of the plan to revise the curriculum of the degree and

C.2. Teaching – Existing Units

2023 - 2024	Maternity leave (March – July 2023), Sabbatical leave (Sept. 2023 – July 2024)
2021 - 2022	Topics of Microeconomics, (Professor), PhD in Economics, ISEG
2017 - 2020	Economic and Business Information Analysis (Professor), BSc Management, ISEG
2020 -	Economic and Business Information Analysis (Professor), BSc Economic, ISEG
2017 - 2019	Economic Policy and Business Activity (Professor), BSc Economics, ISEG
2017 - 2019	Economic Policy and Business Activity (Professor), BSc Management, ISEG
2020 - 2022	Economic Policy and Business Activity (Coordinator, Professor), BSc Economics, ISEG
2020 - 2022	Economic Policy and Business Activity (Coordinator, Professor), BSc Management, ISEG
2008 - 2013	Microeconomics (Professor: Tutorials), MSc Transport, Imperial College London
2010 - 2013	Advanced Transport Modelling (Professor: Tutorials), MSc Transport, Imperial College London
2011 - 2012	Transport Demand & Economics (Professor), MEng Civil Engineering, Imperial College London
2010 - 2012	Transport Systems (Professor: Tutorials), MEng Civil Engineering, Imperial College London

C.3. Teaching – Newly Developed Units

2022 - Urban Economics (Coordinator, Professor), BSc Economics, ISEG

C.4. Teaching – Students’ Evaluation of Professor

Reference Scale: 1 Very Poor / 2 Poor / 3 Average / 4 Good / 5 Very Good)

2017/18	Economic and Business Information Analysis: Mean score = 4.32 & Median score =5
2018/19	Economic and Business Information Analysis: n.d.
2019/20	Economic and Business Information Analysis: Mean score = 4.05 & Median score =4
2020/21	Economic and Business Information Analysis: Mean score = 4.15 & Median score =5
2021/22	Economic and Business Information Analysis: n.d.
2017/18	Economic Policy and Business Activity: Mean score = 3.57 & Median score =4
2018/19	Economic Policy and Business Activity: Mean score = 4.85 & Median score =4
2019/20	Economic Policy and Business Activity: Mean score = 4.24 & Median score =4
2020/21	Economic Policy and Business Activity: Mean score = 3.77 & Median score =4
2021/22	Economic Policy and Business Activity: Mean score = 3.33 & Median score =3
2021/22	Topics of Microeconomics: n.d.
2022/23	Urban Economics: Mean score = 4.75 & Median score =5
2023/24	Maternity leave (March – July 2023), Sabbatical leave (Sept. 2023 – July 2024)

D. Contributions to the Wider Community and Society

E.1. Participation in Other Academic or Scientific-Industry Networks

2022 - 2023	President of the Fiscal Board of the association MUBI - Associação pela Mobilidade Urbana em Bicicleta , dedicated to the improvement of cycling infrastructure and safety in Portugal
2019 -	Member of the Administration Board of cooperative Bicicultura , dedicated to the promotion of sustainable mobility and sustainable cities through education, culture, and civic involvement

E.2. Organization and Participation in Events for the Wider Community (selection)

Nov. 2023	Speaker at live public debate “ Para quando menos carros em Lisboa? ”, organized by daily newspaper Público and environmental association ZERO.
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- Nov. 2021 Radio programme "[90 Seconds of Science/90 Segundos de Ciência](#)": overview of project TiTuSS and some of its main results presented, 16 Nov. 2021.
- 2020 - 2022 Organizer of the monthly podcast series [Conversas da Bicicultura - Podcast Sobre Mobilidade Sustentável, Espaço Público e Uso da Bicicleta](#)
- 2019 - 2020 Organizer of the monthly event [Sexta da Bicicultura - Ciclo De Debates e Tertúlias Sobre Mobilidade Sustentável](#)
- Sep. 2022 Seminar "[Transportes, Território, Economia](#)", 21 set. 2022, 14h30 - 18h00, Centro de Informação Urbana de Lisboa (CIUL)
- Nov. 2020 [Mobilidade Sustentável e Espaço Público Urbano](#), 4th edition International Symposium "Cultura e Sustentabilidade", organized by Festival DME, 28 Nov. 2020
- Nov. 2020 [Mobilidade Sustentável e Espaço Público Urbano](#), 5th debate of the Santa Maria Maior Forum 'Mobilidade e Espaço Público', 17 Nov. 2020

E.3. Writing for General Readership

1. Melo, P.C. with Bruno T. Rocha and João de Abreu e Silva. [O impacto das autoestradas na organização do território e desenvolvimento sustentável em Portugal](#). 31st Oct. 2022, Jornal Público
2. Melo, P.C. with P. Goulart. [Quo Vadis, Lisboa?](#) 15th Jan. 2022, Jornal Público
3. Melo, P.C. with Bruno T. Rocha, [Trinta anos de investimento em autoestradas não tornaram o país menos desigual. A ferrovia deve fazer melhor](#). 13th May 2021, Jornal Público
4. Melo, P.C. [Nós, a cidade e a mobilidade](#). 16th March 2021, Jornal Público
5. Melo, P.C. (2020), "A mobilidade sustentável do futuro implica ir além da transição energética no setor dos transportes", [Cadernos de Economia, Ed. Ordem dos Economistas, No. 132, Jul/Set](#), 65-66
6. Melo, P.C. [2020, o ano da reconquista do espaço público urbano](#). 4th August 2020, Jornal Público
7. Melo, P.C. [O que a covid-19 nos ensinou acerca da má gestão do espaço público nas cidades e como fazer melhor](#). 29th May 2020, Jornal Público
8. Melo, P.C. [No ano de Lisboa Capital Verde Europeia, o estacionamento também precisa de "Escolher Evoluir"](#). 26th Jan. 2020, Jornal Público
9. Melo, P.C. [Para quando uma abordagem estratégica na gestão do estacionamento na via pública em Lisboa?](#) 23rd Aug. 2019, Jornal Público
10. Melo, P.C. [Quando a redução das disparidades regionais não implica maior coesão interna](#). 17th Dec. 2018, Jornal Público

11. Melo, P.C. with P. Goulart and N. Sobreira. [*A reforma tarifária dos transportes públicos em Lisboa vai casar sozinha?*](#) 17th Oct. 2018, Jornal Público
12. Melo, P.C. [*Coesão e competitividade territorial: oportunidade ou conflito?*](#) 4th June 2018, Jornal Público
13. Melo, P.C. [*Onde crescemos e vivemos ainda determina o nosso estatuto económico e social?*](#) 20th Nov. 2017, Jornal Público
14. Melo, P.C. [*Que estrada leva a um desenvolvimento regional mais equilibrado?*](#), 14th Aug. 2017, Jornal Público
15. Melo, P.C. and Atterton, J. [*Informing rural policy in Scotland*](#), 19th Oct. 2016, SEGS Blog
16. Melo, P.C. [*While we live in a globalised world, the concentration of activity in cities continues to drive economic growth*](#), 10th Mar. 2016, LSE USAPP Blog
17. Melo, P. C. [*Commuting patterns in rural Scotland*](#), 17th Nov. 2015, SEGS Blog
18. Melo, P. C. [*Lost in Space? Travel-to-Work Areas, City-Regions, and Strategic Development Planning Authorities*](#), 16th July 2015, SEGS Blog
19. Melo, P. C. [*How important are regional income disparities in Scotland?*](#), 23rd Oct. 2014, SEGS Blog