

RESUME

Andrea Pellegrini

Neil Smith Lecturer, Institute of Transport and Logistic Studies, University of Sydney
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RESEARCH

INTERESTS

Sustainable Mobility, Electric Vehicle Uptake, Electric Vehicle Usage, Decarbonization Strategies, Travel Demand Modelling, Discrete Choice Models, Multiple Discrete Continuous Choice Models, Non-Parametric Random Effects Models, Spatial Econometrics

EDUCATION

- 01/2014 – 05/2019 PhD in Economics, Institute for Economic Research (IRE), Università della Svizzera italiana (USI), Lugano, Switzerland
Dissertation: Modelling individual discrete continuous consumption decisions
Supervisor: Prof. Dr. Rico Maggi
- 09/2018 – 11/2018 Visiting PhD Student, Centre for infrastructure, Sustainable Transportation and Urban Planning, Department of Civil Engineering, Indian Institute of Science (IISc), Bengaluru, Karnataka, India - Short visit
- 02/2018 – 03/2018 Visiting PhD Student, Centre for infrastructure, Sustainable Transportation and Urban Planning, Department of Civil Engineering, Indian Institute of Science (IISc) Bengaluru, Karnataka, India - Short visit
- 02/2013 – 06/2013: Erasmus Programme in transport economics, Vrije Universiteit Business School, Amsterdam, The Netherlands
- 10/2011 – 07/2013: Master of Science in Statistics, University of Bologna, Italy
Supervisor: Prof. Dr. Miglio
Dissertation: Impact of temperature on mortality: A survival analysis approach
Final grade: 110/110 cum laude

ACADEMIC EXPERIENCE

- 03/2023 – Neil Smith Lecturer in Sustainable Mobility and Accessibility, Institute of Transport and Logistic Studies, University of Sydney, Sydney, NSW, Australia
- 10/2022 – 03/2023 Lecturer, Business School, University of Technology Sydney (UTS), Sydney, NSW, Australia
- 09/2019 – 10/2022 Visiting Research Fellow, Centre for Business Intelligence and Data Analytics, University of Technology Sydney (UTS), Sydney, NSW, Australia
- 06/2019 – 06/2019 Postdoctoral Researcher, Institute for Economic Research (IRE), Università della Svizzera italiana (USI), Lugano, Switzerland

Teaching experience

- 01/2023 – 03/2023: Subject Coordinator: Deliver Customer Value - Business School, UTS
- 01/2023 – 03/2023: Subject Coordinator: Buyer Behaviour - Business School, UTS
- 03/2020 – 10/2020: Tutor: Business Statistics - Business School, UTS
- 10/2014 – 06/2019: Lecturer: Tourism Statistics - University of Pisa

BUSINESS EXPERIENCE

- 01/2020 – 03/2023 Research Analyst, Centre for Business Intelligence and Data Analytics, University of Technology Sydney (UTS), Sydney, NSW, Australia
- Some selected projects:
- Project:* Forecasting the uptake of electric vehicles in New South Wales
- Project:* Assessing subjective well-being of Australian residents during Covid-19 outbreak
- 11/2013 – 06/2019: Researcher, Tourism Observatory (O-Tur), Institute for Economic Research (IRE), USI, Lugano, Switzerland
- 12/2010 – 05/2011: Data analyst, Milan council, Milan, Italy
- 10/2009 – 12/2009: Internship in Statistics, Oracle Italia, Milan, Italy

Freelance Economist

- 09/2022 – 03/2023 University of Catania, Catania, Sicily, Italy
- Project:* Evaluation of tourists' recreational destination location choices: An application to Italian National Parks
- 11/2021 – 01/2022 Afterpay
- Project:* Assessing the determinants affecting consumers' checkout methods
- 11/2020 – 10/2021 Business School, University of Florence, Florence, Tuscany, Italy
- Project:* Willingness to pay of Italian tourists for forest recreation sites

AWARDS

- 05/2021 – 04/2022 Postdoc Mobility program funded by the Swiss National Science Foundation (<http://www.snf.ch/en/funding/careers/postdoc-mobility/Pages/default.aspx>)
- 06/2019 – 04/2021 Early Postdoc Mobility program funded by the Swiss National Science Foundation (<http://www.snf.ch/en/funding/careers/early-postdoc-mobility/Pages/default.aspx>)

SUPERVISOR

- 10/2021 – I joined Professor Riccardo Scarpa and Dr Ashar Aftab in the PhD supervisory team as an external doctoral advisor for the PhD Candidate Mr Manuel Barrientos from the Durham University Business School, United Kingdom
- 11/2022 – I joined Professor John Rose in the supervisory team for the research visit of the PhD Candidate Mr Xusheng Yao from the College of Economics and Management, Tianjin University, China

PUBLICATIONS

- 2023 Pellegrini, A., Borriello, A., and Rose, J., (2022), "Assessing the willingness of Australian households for adopting charging stations for electric vehicles". Transportation Research Part C: Emerging Technologies.
- 2022 Pellegrini, A., Rose, J., and Scarpa R. (2022), "Multiple herbicide use in cropland: A discrete continuous model for stated choice data", Land Economics, 98:355 – 375.
- 2022 Atzori, R., Pellegrini, A., Lombardi, G.V., and Scarpa, R., (2021), "Response-times and subjective complexity of food choices: A web-based experiment across 3 countries". Social Science Computer Review, 08944393211073585.
- 2021 Pellegrini, A., Sarman, I., and Maggi, R., (2021), "Understanding tourists' expenditure patterns: a stochastic frontier approach within the framework of multiple discrete–continuous choices", Transportation, 48:931 – 951.
- 2021 Pellegrini, A., Pinjari, A.R., and Maggi, R., (2021), "A multiple discrete continuous model of time use that accommodates non- additively separable utility functions along with time and monetary budget constraints", Transportation Research Part A: Policy and Practice 144: 37 –

53.

- 2021 Pellegrini, A., and Scagnolari S., (2021), “The relationship between length of stay and land transportation mode in the tourism sector: A discrete-continuous framework applied to Swiss Data”, *Tourism Economics*, 27: 243 – 259.
- 2021 Borriello, A., Pellegrini, A., Masters, D., and Rose, J., (2021), “Preferences for a Covid-19 vaccine in Australia”, *Vaccine* 39: 473 – 479.
- 2021 Fettermann, D., Borriello, A., Pellegrini, A., Rose, J., and Burke, P., (2021), “Getting Smarter About Household Energy: The Who and What of Demand for Smart Meters”. *Building Research and Information*, 49:100 – 112.

CONFERENCES

- 2022 Pellegrini, A., Scarpa, R., Lombardi, G., and Rose, J., (2022), “A model of recreational demand with non-parametric representations of consumers’ heterogeneity: A cases study of forest recreation sites in Italy”. Presented at the International Choice Modelling Conference (ICMC), Reykjavik, Iceland
- 2019 Pellegrini, A., Saxena, S., Pinjari, A.R., Dekker, T., and Rose, J., (2019), “Alternative non-additively separable utility functions for random utility maximization-based multiple discrete continuous models”. Presented at the International Choice Modelling Conference (ICMC), Kobe, Japan
- 2018 Pellegrini, A., Pinjari, A.R. and Maggi, R., (2018), “Accounting for complementarity and substitution patterns in Multiple Discrete Continuous models with multiple constraints”. Presented at the 15th International Conference on Travel Behavior Research (IATBR), Santa Barbara, California
- 2017 Pellegrini, A., Sarman, I., and Maggi, R., (2017), “Understanding tourists’ expenditure patterns: a stochastic frontier approach within the framework of multiple discrete-continuous choices”. Presented at the International Association for Tourism Economics (IATE), Rimini, Italy
- 2017 Pellegrini, A., Sarman, I., and Maggi, R., (2017), “Understanding tourists’ expenditure patterns: a stochastic frontier approach within the framework of multiple discrete-continuous choices”. Presented at the International Choice Modelling Conference (ICMC), Cape Town, South Africa
- 2016 Pellegrini, A., (2016), “Time at destination and land transportation mode: a discrete-continuous analysis of Swiss domestic tourism demand”. Presented at the Swiss Transport Research Conference (STRC), Ascona, Switzerland

INVITED SEMINARS

- 03/2019 German Aerospace Centre (DLR)
- Presentation: *Understanding tourists’ expenditure patterns: a stochastic frontier approach within the framework of multiple discrete-continuous choices*

REFeree AND EDITORIAL SERVICE

- Referee for: Transportation Research Part C: Emerging Technologies, Journal of Choice Modelling, American Journal of Agricultural Economics, Journal of Health Economics, Social Science and Medicine

LANGUAGE

SKILLS

- | | |
|---------|---------------|
| Italian | Mother tongue |
| English | C2 |
| Spanish | B1 |

ICT

Proficient:

Intermediate:

Basic

Matlab, R, Python, Python Biogeme, Stata,
Microsoft Office, Qualtrics
SPSS, EViews, Latex, Java
SAS

REFERENCES

Professor John Rose, University of Sydney

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Professor Riccardo, Scarpa, Durham University

E-mail: riccardo.scarpa@durham.ac.uk

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Professor Rico Maggi, Università della Svizzera italiana

E-mail: rico.maggi@usi.ch

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Professor Abdul Pinjari, Indian Institute of Science

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Professor Vincenzina Caputo, Michigan State University

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