

Ismir Mulalic

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Academic positions

Associate professor, Department of Economics, Copenhagen Business School, February 2020 -

Visiting professor, VU Amsterdam, School of Business & Economics: Department of Spatial Economics, January 2020 -

Part-time associate professor, Department of Economics, University of Copenhagen, September 2011-

Education

PhD (Economics), University of Copenhagen, Denmark, June 2011.

MSc Economics, University of Copenhagen, Denmark, April 2003.

Employment history

Associate professor, DTU Management Engineering, Technical University of Denmark, May 2016 - February 2020.

Senior Fellow, Kraks Fond – Institute for Urban Economic Research, April 2016 - December 2019.

Associate professor, DTU Transport, Technical University of Denmark, July 2015 - April 2016.

Assisting professor, DTU Transport, Technical University of Denmark, June 2011- June 2015.

Head of section, National Accounts, Statistics Denmark, 2003-2007.

Publications

- Haustein, S., M. Kroesen and I. Mulalic. 2020. Cycling culture and socialisation: Modelling the effect of immigrant origin on cycling in Denmark and the Netherlands. *Transportation*, forthcoming.
- Cantos-Sánchez, P., E. Gutiérrez-i-Puigarnau and I. Mulalic. 2018. The impact of scrappage programs on the demand for new vehicles: Evidence from Spain. *Research in Transportation Economics*, 70, pp. 83-96.
- Carra, G., I. Mulalic, M. Fosgerau and M. Barthelemy. 2016. Modelling the relation between income and commuting distance. *Journal of the Royal Society Interface*, volume 13, issue 119.
- De Borger, B., I. Mulalic and J. Rouwendal. 2016. Measuring the rebound effect with micro data. *Journal of Environmental Economics and Management*, 79, pp. 1-17.
- De Borger, B., I. Mulalic and J. Rouwendal. 2016. Substitution between cars within the household. *Transportation Research Part A*, 85, pp. 135-156.
- Gutiérrez-i-Puigarnau, E., I. Mulalic and J.N. van Ommeren. 2016. Do rich households live farther away from their workplaces? *The Journal of Economic Geography*, 16, pp. 177-201.
- Nielsen, Thomas A. S., I. Mulalic and H. Christiansen. 2016. Drivers of cycling mode-share: analysis of danes travel behavior 1996-2013. *Transportation Research Procedia* 14, pp. 2284-2288.
- Mulalic, I. and J. Rouwendal. 2015. The impact of fixed and variable cost on automobile demand: evidence from Denmark. *Economics of Transportation*, 4, pp. 227-240.
- Mulalic, I., J.N. van Ommeren and N. Pilegaard. 2014. Wages and commuting: quasi-natural experiments' evidence from firms that relocate. *The Economic Journal*, 124, pp. 1086-1105.
- Berri, A., S.V. Lyk-Jensen, I. Mulalic and T. Zachariadis. 2014. Household transport consumption inequalities and redistributive effects of taxes: a repeated cross-sectional evaluation for France, Denmark and Cyprus. *Transport Policy*, 36, pp. 206-216.
- De Borger, B. and I. Mulalic. 2012. The determinants of fuel use in the trucking industry – volume, size and the rebound effect. *Transport Policy* 24, pp. 284–295.
- Rich, J. and I. Mulalic. 2012. Generating synthetic baseline populations from register data. *Transportation Research Part A*, 46, pp. 467–479.
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Chapter in books

- Gragera, A., Hybel, J., Mulalic, I. and Pilegaard, N. 2020. Cruising costs and the parking price elasticity. *Parking regulation and management: The emerging tool for a sustainable city*, Routledge, forthcoming.
- De Borger, B., I. Mulalic and J. Rouwendal. 2020. The rebound effect for car transport. *The International Encyclopedia of Transportation*, Elsevier, forthcoming.
- Rouwendal, J. and I. Mulalic. 2020. Commuting, the labour market and wages. *The International Encyclopedia of Transportation*, Elsevier, forthcoming.
- Duijn, Mark van, Jan Möhlmann, Ismir Mulalic and Jan Rouwendal. 2016. Sorting models of household location and urban amenities. In Sako Musterd, Marco Bontje and Jan Rouwendal (eds) *Skills and Cities*, Routledge.
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Working papers and projects

De Borger, B., Mulalic, I. and Rouwendal, J. 2019. Productivity effects of an exogenous improvement in transport infrastructure: accessibility and the Great Belt Bridge. Tinbergen Institute Discussion Paper No. 2019-065/VIII.

Mulalic, I. and J. Rouwendal. 2018. Commuting, Infrastructure Investments and Gentrification - Evidence from Copenhagen. Manuscript.

Mulalic, I. and L. Quintero. 2018. Unidimensional hedonic pricing functions for metropolitan housing markets with labor markets. Manuscript.

Mulalic, I., H. Rasmussen, J. Rouwendal and H. H. Woltmann. 2017. The Financial Crisis and Diverging House Prices: Evidence from the Copenhagen Metropolitan Area. Tinbergen Institute Discussion Paper No. 2017-084/VIII.

Rouwendal, J., O. Levkovich and I. Mulalic. 2017. Discrete choice models for commuting interactions. Tinbergen Institute Discussion Paper No. 2017-067/VIII.

Carra, G., I. Mulalic, M. Fosgerau and M. Barthelemy. 2016. Modelling the relation between income and commuting distance. ArXiv e-prints, arXiv:1602.01578.

Mulalic, I., N. Pilegaard and J. Rouwendal. 2015. Does improving public transport decrease car ownership? Evidence from the Copenhagen metropolitan area. Tinbergen Institute Discussion Paper No. 2015-139/VIII.

De Borger, B., I. Mulalic and J. Rouwendal. 2015. Measuring the rebound effect with micro data. Tinbergen Institute Discussion Paper No. 2015-039/VIII.

Cantos-Sánchez, P., E. Gutiérrez-i-Puigarnau and I. Mulalic. 2015. The impact of scrappage programs on the demand for new vehicles: Evidence from Spain. MPRA Paper No. 61224.

De Borger, B., I. Mulalic and J. Rouwendal. 2013. Substitution between cars within the household. Tinbergen Institute Discussion Paper No. 13-158/VIII.

Madsen, E., I. Mulalic and N. Pilegaard. 2013. A model for estimation of the demand for on-street parking. MPRA Paper No. 52301.

Mulalic, I. and J. Rouwendal. 2010. The willingness to pay for quality aspects of durables: theory and application to the car market. Tinbergen Institute Discussion Paper No. 11-005/3.

Selected reports

Mulalic, I. (joint with Jos Van Ommeren). 2017. *Den langsigtede effekt af husstandsindkomst på pendlingsafstand*, Kraks Fond Byforskning.

Mulalic, I. (joint with Holger Rasmussen, Jan Rouwendal and Hans Henrik Woltmann). 2017. *Et nyt boligprisindeks for Storkøbenhavn*, Kraks Fond Byforskning.

Mulalic, I. (joint with Ninette Pilegaard and Jan Rouwendal). 2016. *Bosætningsmønstre i Storkøbenhavn – en model for boliglokalisering og bilejerskab*, Kraks Fond Byforskning.

Mulalic, I. (joint with Mogens Fosgerau and Ninette Pilegaard). 2015. *Brugergevinster*. Technical University of Denmark, DTU Transport. Notat, Vol. 16.

Mulalic, I. (joint with Mark van Duijn, Jan Möhlmann and Jan Rouwendal). 2014. *Models of household location and urban amenities*. Help report nr. 3. The Netherlands Organisation for Scientific Research (NWO).

Mulalic, I. (joint with Kristensen, Niels Buus; Nielsen, Thomas Alexander Sick; Gudmundsson, Henrik; Meza, Maria Josefina Figueroa; Haustein, Sonja; Møller, Mette; Christensen, Linda; Knudsen, Mette Aagaard; Pons Rotger, Gabriel Angel; Grunfelder, Julien; Pilegaard, Ninette; Madsen, Edith; Abate, Megersa Abera; Kveiborg, Ole). 2014. *Drivers and limits for transport*. Technical University of Denmark (ISBN: 978-87-7327-262-6).

Mulalic, I. *Material Flows and Physical Input-Output Tables - PIOT for Denmark 2002 based on MFA*. 2007. EU-rapport, Statistics Denmark.

Mulalic, I. *Evaluation of the use of Cross Entropy methods to estimate a Social Accounting Matrix*. 2007. in 'Symposium i Anvendt Statistik 2007' editor Peter Linde, Statistics Denmark and Department of Economics, University of Aarhus.

Mulalic, I. *Economy-wide Material Flow Accounts for Denmark 1993-2002*. 2006. EU-rapport, Statistics Denmark.

Mulalic, I. *Embedding social dimensions into economic and environmental accounting and indicators systems – some aspects to consider*. 2005. in 'Ninth Meeting of the London Group on Environmental Accounting, Copenhagen 22-24 September 2004, Proceedings and Papers', Statistics Denmark.

Mulalic, I. (joint with T. Olsen). *Sustainable Development Indicators Based on National Accounts*. 2004. Paper prepared for the 23. Nordiska Statistikermetet, Finland (Åbo).

Mulalic, I. *Danish Forest Accounts 1990-2000*. 2004 EU-rapport, Statistics Denmark.

Mulalic, I. (joint with O.G. Pedersen). *Subsoil asset accounting – the path forward*. 2003. Discussion paper prepared for the London Group meeting, Rom 5.-7. November 2003.

Presentations at conferences and workshops

2020: Invited talk, Fremtidens Transport 2020, TØF, IDA, DI and KL (Copenhagen).

2019: Invited seminar, The Danish Road Directorate; Invited seminar, Kraks Fond – Institute for Urban Economic Research; 14th Meeting of the Urban Economics Association, the Federal Reserve Bank of Philadelphia, Philadelphia, USA; Annual Conference of the International Transportation Economics Association (ITEA), Paris; Transport Summit 2019, Technical University of Denmark; The 9th European Meeting of the Urban Economics Association (Amsterdam); Workshop on Neighbourhoods, Externalities and Inequality, Copenhagen Business School (CBS); Invited seminar, University of Valencia - Department of Economic Analysis; Invited talk, Workshop on Advances in Urban Computing, Transportation Choice and Mobility Behavior, Kraks Fond, Copenhagen; Invited talk, Matters of mobility - Present and Future, Tinbergen Institute Amsterdam; Invited talk, Boligdagene 2019, Vejle.

2018: Workshop on agglomeration economies, Technical University of Denmark; Invited talk, Statistics Denmark, Copenhagen; Invited talk, BRFkredit, Denmark; 13th Meeting of the Urban Economics Association, Columbia University, New York City, USA; Keynote, First conference of urban planning and regional development, Sarajevo, Bosnia and Herzegovina; Annual Conference of the International Transportation Economics Association (ITEA), Hong Kong; Invited talk, Closing workshop of the project ANR ELITISME: Economics of the Family, Urban Economics, Transportation and Time Use, ENS Paris-Saclay; Transport Summit 2018, Technical University of Denmark; The 8th European Meeting of the Urban Economics Association, Dusseldorf; Invited seminar, University of Valencia - Department of Economic Analysis; Florida State University; 3rd Kraks Fond Workshop on Urban Economics, Copenhagen; Invited talk, VIVE – The Danish Centre of Applied Social Science, Copenhagen.

2017: Invited seminar, Julius-Maximilians-Universität (JMU) Würzburg, the Faculty of Business Management and Economics; The 64th Annual North American Meetings of the Regional Science Association International (RSAI), 12th Meeting of the Urban Economics Association, Vancouver, Canada; The 7th European Meeting of the Urban Economics Association, Copenhagen; Invited seminar, University of Valencia - Department of Economic Analysis; Invited seminar, Statistics Denmark;

2016: Invited seminar, University of Edinburgh, Business School; Invited seminar, TU Dresden; KORA, the Danish Institute for Local and Regional Government Research; The 56th ERSA Congress, Vienna; SFI - The Danish National Centre for Social Research; University of Copenhagen - Department of Geosciences and Natural Resource Management; University of Copenhagen - Department of Economics; Invited seminar, University of Valencia - Department of Economic Analysis; Invited seminar, Kraks Fond – Institute for Urban Economic Research.

2015: Invited seminar, VU (Amsterdam); The 62st Annual North American Meetings of the Regional Science (RSAI), 10th Meeting of the Urban Economics Association, Portland OR; 4th symposium of European Association for Research in Transportation, (hEART), Technical University of Denmark; Miljøøkonomisk konference, De Økonomiske Råd, Skodsborg; Trafikdage 2015 (Aalborg); Annual Conference of the International Transportation Economics Association (Oslo); Kraks Fond – Institute for Urban Economic Research (KFB).

2014: The city-region perspective in a globalised world, University of Aarhus; Stockholm conference on fuel taxes, KTH Royal Institute for Technology (Stockholm); Annual Conference of the International Transportation Economics Association (Toulouse); Invited seminar, IRUC seminar 2014 (University of Copenhagen).

2013: Invited seminar, Swedish National Road and Transport Research Institute (Stockholm); Invited seminar, Centre for Research in Economics, The University of Barcelona; Strategisk forskning i transport og infrastruktur (Technical University of Denmark, Kongens Lyngby); Annual Conference of the International Transportation Economics Association (Northwestern University, Evanston Illinois).

2012: LATSIS symposium 2012 (Lausanne); Kuhmo Nectar Conference (Berlin); Invited seminar “Taxing border commuters: Öresund and Beyond”, Uppsala University; SERC Annual Conference, the Spatial Economic Research Centre (SERC), London School of Economics; Royal Economic Society Annual Conference, University of Cambridge.

2011: Kuhmo Nectar Conference (Stockholm). Kuhmo Nectar Conference (Valencia);

Other Professional Activities

Member, Scientific Committee, The European Regional Science Association (ERSA), 2019.

General Secretary, the Executive Committee, International Transportation Economics Association, 2018 -

Member, Liaison group on real estate statistics at Statistics Denmark.

Member, Prize committee - UEA Awards, 9th European Meeting of the UEA, 2019.

Member, Program Committee, Urban Economics Association, 2016-2018.

Member, Scientific Committee, International Transportation Economics Association, 2016-2017.

Member, Venue Committee, International Transportation Economics Association, 2016-2018.

Project group for the project on a common economic appraisal methodology for the transport sector, Ministry of Transport, 2014-2016.

Member of advisory council on transportation statistics (Statistics Denmark), 2014-2016.

Referee for: The Economic Journal, Journal of Public Economics, Journal of Econometrics, Journal of Urban Economics, Regional Science and Urban Economics, Economics of Transportation, Transportation Research Part A, Transportation Research Part E: Logistics and Transportation Review, Research in Transportation Economics, the Journal of Transport Economics & Policy, Transport Policy, Urban Studies, The Energy Journal, Energy Efficiency, International Journal of Sustainable Transportation, Current Opinion in Environmental Sustainability, Transportation, Transport, Transportmetrica A: Transport Science, and Udvalgte artikler fra Trafikdage på Aalborg Universitet.

Grants and awards

2019, Research grant. Urban Economics. The Krak Foundation (DKK 1,500,000).

2016, Research grant. Jobs, houses, commutes and urban structure. The Krak Foundation (DKK 810,000).

2015, Research grant. Do rich households live farther away from their workplaces. The Krak Foundation (DKK 280,000).

2015, Research grant. Urban Economics. The Krak Foundation (DKK 560,000).

2013, Research grant. Residential sorting. The Krak Foundation (DKK 1,270,000).

Receiver of P.H. Bendtsens award for transportation research in 2014.

2008-2011, PhD grant, the Danish Energy Agency (Energy Research Programme).

Pedagogical training

Education in University Teaching at DTU (UDTU), 2011-2013. UDTU is a practical education in university teaching with focus on planning and implementing teaching that supports the student in an active learning process.

Supervision of large projects at the DTU, 2012, 1 day workshop.

Teaching

Course responsible:

- 2017-, Urban economics, Seminar, Department of Economics, University of Copenhagen, 15-20 participants, 5 ECTS;
- 2019, The economics of cities, MSc course, Technical University of Denmark; 50-60 participants, 5 ECTS;

- 2018-2019, Applied economics, Executive MBA, DTU Business, Technical University of Denmark, 20-30 participants;
- 2015-2019, Microeconomics and macroeconomics, BSc course, Technical University of Denmark; 100-120 participants, 5 ECTS;
- 2010-2018, Transportation economics, general competence course, Technical University of Denmark; 45-60 participants, 5 ECTS;
- 2014-2015, Transportation economics, Seminar, Department of Economics, University of Copenhagen, 15-20 participants, 5 ECTS;
- 2013-2015, Climate change – impacts, mitigation and adaptation, responsible for modules 4 and 5, Bachelor course, DTU Environment, Technical University of Denmark; 40-50 participants, 5 ECTS;
- 2011, Transportation economics, MSc-Advanced course, Department of Economics, University of Copenhagen, 25-30 participants, 7.5 ECTS;
- 2007, Neoclassical consumption theory, Bachelor course, Copenhagen Business School, 50-70 participants, 5 ECTS;
- 2007, Business framework, Bachelor course, Copenhagen Business School, 50-70 participants, 5 ECTS.

Summer school:

- 2016-2018, summer school, *Hedonic price analysis and the residential location choice*, Kraks Fond Institute for Urban Economic Research, Denmark.
- 2015, hEART – PhD summer school, *Households' location choice, transport accessibility and car ownership*, Technical University of Denmark.

Other:

- 2016-, Urban economics, MSc-Advanced course, Department of Economic Analysis, University of Valencia: short course in urban economics.

Supervisory activities

PhD supervision:

- 2016-, Jesper Hybel Pedersen, in progress.

Master theses:

- 2020: Michelle Lillelund Kærgaard, University of Copenhagen; Mads Asheim, University of Copenhagen; Stina Barnikow Hartung, University of Copenhagen;
- 2019: Abdelmajid Laghmoch, University of Copenhagen;
- 2018: Camilla Jung Bjørnsen, University of Copenhagen; Rasmus Thomsen-Hviid, University of Copenhagen; Malte Janosch Borghors, University of Copenhagen; Tobias Kofoed Kjær, University of Copenhagen; Elias Stapput Knudsen, University of Copenhagen; Marc Skov Jacobsen, University of Copenhagen; Andreas Fiestat Rodriguez, University of Valencia; Thomas Philipp Nau, University of Copenhagen; Holger Vandel Rasmussen and Hans Henrik Woltmann, University of Copenhagen; Lise Grand, University of Copenhagen; Jakob Skovgaard Koed, Technical University of Denmark; Anna Ildutova, Technical University of Denmark;
- 2014: Anne Remmer, University of Copenhagen;
- 2013: Jeppe Munck, University of Copenhagen; Charlotte Rhee, University of Copenhagen; Troels Hansen, University of Copenhagen;
- 2012: Christian Frank and Rune Mikkelsen, University of Copenhagen;
- Laura Kroman Westergaard, University of Copenhagen.

Bachelor projects:

- 2020, Victor Solberg Ageskov, University of Copenhagen, in progress; 2017, Jonas Wolf, University of Copenhagen; 2016, Ranjit Singh and Kâmuran Yücel, Technical University of Denmark; 2015, Albert Hjelmsted Nygård and Elias Stapput Knudsen, University of Copenhagen; 2012, Ene Dinesen, University of Copenhagen, Roadpricing i et mikro perspektiv;

2005-2007, Supervisor for more than 40 Bachelor projects, Department of Economics, University of Copenhagen.

Ph.D. Committee Member

2020, Maria Juul Hansen (University of Copenhagen, Denmark)
2019, Kristoffer Steen Andersen (DTU, Denmark)
2019, Ahmad Hassani (Aarhus University, Denmark)
2019, Martin Adler (VU Amsterdam, the Netherlands)
2016, Gebeyehu Manie Fetene (DTU, Denmark)
2016, Jake Whitehead (KTH Royal Institute of Technology, Sweden)

Other teaching activities

Active participation in The Festival of Research. The Festival of Research is an annual national event intended to arouse public interest in and enhance public understanding of the methods, processes, and outcome of research and science. Researchers, research institutions, and research-based enterprises are encouraged to tell the general public about their current activities in an exciting and untraditional way. The Danish Agency for Science, Technology, and Innovation is responsible for the overall coordination of the Festival of Research activities.

Active participation in “SRP exercise project”: collaboration between regional upper secondary schools and the Technical University of Denmark.