

CV: Ismir Mulalic

Kraks Fond - Institute for Urban Economic Research
Frederiksholms Kanal 30D
DK-1220 Copenhagen K
Tel.: (+45) 22 81 10 15
Email: ismu@kraksfond.dk

About me

I am Senior Fellow at Kraks Fond – Institute for Urban Economic Research and Associate Professor at the Technical University of Denmark. I have a Ph.D. in Economics from the University of Copenhagen (2011). My research areas are applied microeconomics and applied microeconometrics, in particular urban economics and transportation economics. My research focuses on both applied and theoretical research problems. Recent research topics include consumer choice behaviour for durables, commuting and workers' wages, the residence choice decision (residential sorting), car use (rebound effect) and parking policy.

Current Positions

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| Since 2016 | Associate professor, DTU Management Engineering, Technical University of Denmark |
| Since 2016 | Senior Fellow, Kraks Fond - Institute for Urban Economic Research, Denmark |
| Since 2011 | Part-time associate professor, Department of Economics, University of Copenhagen |

Education

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| 2011 | PhD (Economics), University of Copenhagen, Denmark
Title of PhD thesis: "Essays in transportation economics"
PhD supervisors: Jørgen Birk Mortensen, Mogens Fosgerau and Peter Birch Sørensen. |
| 2003 | MSc Economics, University of Copenhagen, Denmark |

Previous Positions

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| 2015-2016 | Associate professor, DTU Transport, Technical University of Denmark |
| 2011-2015 | Assisting professor, DTU Transport, Technical University of Denmark |
| 2008-2011 | PhD candidate, University of Copenhagen |

2007	Part-time associate professor, Copenhagen Business School
2007-2008	Research assistant, Danish Transport Research Institute, Technical University of Denmark
2007	Bachelor coordinator, Department of Economics, University of Copenhagen
2007	Teaching assistant, Public economics of agricultural policy and CGE-models, Department of Economics, University of Copenhagen
2006 + 2007	Teaching assistant, Public economics of the environment, CGE-models and road pricing, Department of Economics, University of Copenhagen
2005-2007	Bachelor coordinator and supervisor, Department of Economics, University of Copenhagen
2005-2007	Participation in research project financed by the University of Aarhus on construction of SAM (Social Accounting Matrix) for Denmark and CGE modelling
2003-2007	Head of section, National Accounts, Statistics Denmark

Work in Progress

Rouwendal, J., N. Pilegaard and I. Mulalic. 2017. Jobs, homes, commuting and urban structure.

Rasmussen H., I. Mulalic and H. H. Woltmann. 2017. Housing price index and housing quality.

Mulalic, I. 2017. Productivity effects of improved accessibility.

Publications and Working Papers

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.

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.

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.

Conference presentations

2017:

- Invited seminar, University of Valencia - Department of Economic Analysis: *The financial crisis and diverging house prices: Evidence from the Copenhagen metropolitan area*
- Invited seminar, Statistics Denmark: *Location patterns in the greater Copenhagen area - Evidence from a residential sorting model*

2016:

- Invited seminar, University of Edinburgh, Business School: *Does improving public transport decrease car ownership? Evidence from the Copenhagen metropolitan area*
- Invited seminar, TU Dresden: *Does improving public transport decrease car ownership? Evidence from the Copenhagen metropolitan area*

- KORA, the Danish Institute for Local and Regional Government Research: *Does improving public transport decrease car ownership? Evidence from the Copenhagen metropolitan area*
- The 56th ERSA Congress, Vienna: *Does improving public transport decrease car ownership? Evidence from the Copenhagen metropolitan area*
- SFI - The Danish National Centre for Social Research: *Does improving public transport decrease car ownership? Evidence from the Copenhagen metropolitan area*
- University of Copenhagen - Department of Geosciences and Natural Resource Management: *Does improving public transport decrease car ownership? Evidence from the Copenhagen metropolitan area*
- University of Copenhagen - Department of Economics: *Does improving public transport decrease car ownership? Evidence from the Copenhagen metropolitan area*
- Invited seminar, University of Valencia - Department of Economic Analysis: *Does improving public transport decrease car ownership? Evidence from the Copenhagen metropolitan area*
- Invited seminar, Kraks Fond – Institute for Urban Economic Research: *Do rich households live farther away from their workplaces?*

2015:

- Invited seminar, VU (Amsterdam): *Does improving public transport decrease car ownership? Evidence from the Copenhagen metropolitan area.*
- The 62st Annual North American Meetings of the Regional Science (RSAI), 10th Meeting of the Urban Economics Association, Portland OR: *Does improving public transport decrease car ownership? Evidence from the Copenhagen metropolitan area.*
- 4th symposium of European Association for Research in Transportation, (hEART), Technical University of Denmark: *Measuring the rebound effect with micro data.*
- Miljøøkonomisk konference, De Økonomiske Råd, Skodsborg: *Measuring the rebound effect with micro data.*
- Trafikdage 2015 (Aalborg): *Household's location choice, transport accessibility and car ownership.*
- Annual Conference of the International Transportation Economics Association (Oslo): *Household's location choice, transport accessibility and car ownership.*
- Kraks Fond – Institute for Urban Economic Research (KFB): *Household's location choice, transport accessibility and car ownership*

2014:

- The city-region perspective in a globalised world, University of Aarhus: *Do rich households live farther away from their workplaces?*
- Stockholm conference on fuel taxes, KTH Royal Institute for Technology (Stockholm): *The impact of fixed and variable cost on automobile demand: evidence from Denmark.*
- Annual Conference of the International Transportation Economics Association (Toulouse): *Do rich households live farther away from their workplaces?*
- Invited seminar, IRUC seminar 2014 (University of Copenhagen): *Car use within the household.*

2013:

- Invited seminar, Swedish National Road and Transport Research Institute (Stockholm): *Car use within the household;*
- Invited seminar, Centre for Research in Economics, The University of Barcelona: *Wages and commuting: quasi-natural experiments' evidence from firms that relocate;*
- Strategisk forskning i transport og infrastruktur (Technical University of Denmark, Kongens Lyngby): *Wages and commuting: quasi-natural experiments' evidence from firms that relocate;*

- Annual Conference of the International Transportation Economics Association (Northwestern University, Evanston Illinois): *Measuring the rebound effect with micro data.*

2012:

- LATSIS symposium 2012 (Lausanne): *Regulating on-street parking - evidence from Danish data;*
- Kuhmo Nectar Conference (Berlin): *Regulating on-street parking - evidence from Danish data;*
- Kuhmo Nectar Conference (Berlin): *Car use within the household;*
- Invited to seminar “Taxing border commuters: Öresund and Beyond”, Uppsala University: *Wages and commuting: quasi-natural experiments' evidence from firms that relocate;*
- SERC Annual Conference, the Spatial Economic Research Centre (SERC), London School of Economics: *Wages and commuting: quasi-natural experiments' evidence from firms that relocate;*
- Royal Economic Society Annual Conference, University of Cambridge: *The willingness to pay for quality aspects of durables: theory and application to the car market.*

2011:

- Kuhmo Nectar Conference (Stockholm): *The determinants of fuel use in the trucking industry – volume, size and the rebound effect.*

2010:

- Kuhmo Nectar Conference (Valencia): *Wages and commuting: quasi-natural experiments' evidence from firms that relocate.*

2009:

- The Quantitative Economics Doctorate (QED) program, Amsterdam School of Economics: *Household Transport consumption inequalities and redistributive effects of taxes: a repeated cross-sectional evaluation for France, Denmark and Cyprus;*
- Miljøøkonomisk konference, De Økonomiske Råd, Skodsborg: *The impact of two-part tariffs on households' vehicle type holdings and usage: insights derived from an application of the Multiple Discrete-Continuous Extreme Value (MDCEV) model;*
- Invited seminar, VU Amsterdam: *The impact of two-part tariffs on households' vehicle type holdings and usage: insights derived from an application of the Multiple Discrete-Continuous Extreme Value (MDCEV) model;*
- Danish Graduate Programme in Economics (DGPE), University of Aarhus: *The impact of two-part tariffs on households' vehicle type holdings and usage: insights derived from an application of the Multiple Discrete-Continuous Extreme Value (MDCEV) model.*

2008:

- Danish Graduate Programme in Economics (DGPE), University of Copenhagen: *Household Transport consumption inequalities and redistributive effects of taxes: a repeated cross-sectional evaluation for France, Denmark and Cyprus.*

Selected reports

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.

Other Professional Activities

- Member, Program Committee, Urban Economics Association, 2016 –
- Member, Scientific Committee, International Transportation Economics Association, 2016 –
- Member, Venue Committee, International Transportation Economics Association, 2016 –
- 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, 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, Urban Studies, Current Opinion in Environmental Sustainability, Transportation, Transport and Udvalgte artikler fra Trafikdage på Aalborg Universitet.

Grants and awards

- 2016, Research grant. Jobs, houses, commutes and urban structure. The Krak Foundation.
- 2015, Research grant. Do rich households live farther away from their workplaces. The Krak Foundation.
- Receiver of P.H. Bendtsens award for transportation research in 2014.
- 2013, Research grant. The importance of urban amenities for the location choice of Danish households. The Krak Foundation.

- 2012, the paper “Wages and commuting: quasi-natural experiments' evidence from firms that relocate” selected by the Spatial Economic Research Centre (SERC), London School of Economics, for the PhD session of the 2012 SERC Annual Conference.
- 2008-2011, PhD grant, the Danish Energy Agency (Energy Research Programme).