

Curriculum Vitae

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Matilda Orth

Contact Information

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Research Institute of Industrial Economics IFN
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SE-102 15 Stockholm, Sweden

Employment

2024 – Docent of Economics and visiting lecturer
Stockholm School of Economics, Sweden

2024 – Associate Professor
Research Institute of Industrial Economics IFN, Stockholm, Sweden

2013 – 2024 Visiting teacher
Stockholm School of Economics, Sweden

2011 – 2024 Research Fellow
Research Institute of Industrial Economics IFN, Stockholm, Sweden

Research Fields

Empirical Industrial Organization, Applied Microeconomics

Education

PhD in Economics, March 2012, University of Gothenburg, Sweden

Advisor: Lennart Hjalmarsson

Discussant: Professor Amil Petrin, University of Minnesota, USA

MSc in Economics, University of Gothenburg, Sweden

Economics, human geography, political science, two minors: statistics and mathematics

Advisor: Professor Marcus Asplund

Publications

Economies of Scope in Retailing (with Florin Maican), Handbook chapter, Elgar Encyclopedia of Retailing, Chapter 55, Edward Elgar, 2025, *forthcoming*

R&D Dynamics and Its Impact on Productivity and Export Demand in Swedish Manufacturing (with Mark J. Roberts, Florin Maican and Van Anh Vuong), *Journal of the European Economic Association*, 21 (4), p. 1318–1362, 2023

Determinants of Economies of Scope in Retail (with Florin Maican), *International Journal of Industrial Organization*, 75, 2021

Entry Regulations, Welfare and Determinants of Market Structure (with Florin Maican) *International Economic Review*, 59 (2), p. 727–756, 2018

Productivity Dynamics and the Role of “Big-Box” Entrants in Retailing (with Florin Maican) *Journal of Industrial Economics*, LXV, p. 397–438, 2017

A Dynamic Analysis of Entry Regulations and Productivity in Retail Trade (with Florin Maican) *International Journal of Industrial Organization*, 40, p. 67–80, 2015

- **Winner of the IJIO Best Paper Award 2016**

Pre-Doctoral Publications:

Opening Local Retail Food Stores: A real-options approach (with SO. Daunfeldt and N. Rudholm), *Journal of Industry, Competition and Trade*, 10 (3), p. 373–387, 2010

Who Visits the Museums? A comparison between stated preferences and observed effects of entrance fees (with E. Lampi), *Kyklos*, 62 (1), p. 85–102, 2009

Monographs

Entry Competition and Productivity in Retail, Doctoral dissertation, no. 203, Department of Economics, School of Business, Economics and Law, University of Gothenburg, 2012

Working Papers

Maican, F. and M. Orth (2025) “Measuring the Dynamic Effects of Building Broadband Infrastructure,” CEPR Discussion Paper 20415, July 2025

Entry Regulations and Product Variety in Retail (with Florin Maican), CEPR Discussion Paper 15992, September 2024

R&D Dynamics and Its Impact on Productivity and Export Demand in Swedish Manufacturing (with Mark J. Roberts, Florin Maican and Van Anh Vuong) NBER Working Paper 27986, CEPR Discussion Paper 15369, 2022

Inventory Behavior, Demand, and Productivity in Retail (with Florin Maican), CEPR Discussion Paper 13308, November 2018

Research Papers in progress

Maican, F. and M. Orth (2025) “Economies of Scope in Retailing,” Handbook chapter, Elgar Encyclopedia of Retailing, Edward Elgar, *forthcoming*

Maican, F. and M. Orth (2024) “The Impact of Entry Reform on Product Access and Quality in Pharmacies”, mimeo, University of Gothenburg and Research Institute of Industrial Economics

Maican, F. and M. Orth (2024) “Demand, Market Structure and Welfare in the Pharmacy Market”, mimeo, University of Gothenburg and Research Institute of Industrial Economics

Maican, F. and M. Orth (2024) “Quantifying the Impact of State Aid to Pharmacies”, mimeo, University of Gothenburg and Research Institute of Industrial Economics

Maican, F. and M. Orth (2024) “Agglomeration Economies in Retail Industries: Implications for Consumers, Firms and Society”, mimeo, University of Gothenburg and Research Institute of Industrial Economics

Maican, F. and M. Orth (2024) “The Impact of Subsidies on Market Structure and Welfare,” mimeo, University of Gothenburg and Research Institute of Industrial Economics

- Best Paper Award, finalist, 50th European Association for Research in Industrial Economics 2023
- Presented at IIOC, EARIE

Maican, F. and M. Orth (2024) “Measuring the Dynamic Effects of Building Broadband Infrastructure,” mimeo, University of Gothenburg and Research Institute of Industrial Economics

- Presented at the 24th CEPR Applied IO Conference, Toulouse School of Economics
- Presented at IIOC, EARIE and SWERIE

Maican, F. and M. Orth (2024) “Broadband Infrastructure and Firm Performance,” mimeo, University of Gothenburg and Research Institute of Industrial Economics

Maican, F. and M. Orth (2019) “Multiproduct Technology and Productivity Dynamics: A Simulation Approach”, mimeo, University of Gothenburg and Research Institute of Industrial Economics

Maican, F., M. Orth and A.K. Petrin (2019) Are Workers Paid their Marginal Product? Evidence from linked employer-employee data, mimeo, University of Minnesota, University of Gothenburg and Research Institute of Industrial Economics

- Presented at the EALE-SOLE-AASLE

Teaching

Stockholm School of Economics

Graduate Industrial Organization, MSc program Econ, 2019-2020 (course director), course evaluation 6.4/7

Graduate Industrial Organization, MSc program Econ, 2018-2019 (course director)

Graduate Industrial Organization, MSc program Econ, 2017-2018 (course director)

Graduate Industrial Organization, MSc program Econ, 2016-2017 (course director)

Graduate Industrial Organization, MSc program Econ, 2015-2016

Graduate Industrial Organization, MSc program Econ, 2014-2015

Microeconomics, BSc program in Retail Management, 2024-2025 (course director), scheduled

Microeconomics, BSc program in Retail Management, 2024-2025 (course director), ongoing

Microeconomics, BSc program in Retail Management, 2023-2024 (course director), course evaluation 6.0/7

Microeconomics, BSc program in Retail Management, 2022-2023 (course director)

Microeconomics, BSc program in Retail Management, 2021-2022 (course director)

Microeconomics, BSc program in Retail Management, 2020-2021 (course director)

Microeconomics, BSc program in Retail Management, 2019-2020 (course director)

Microeconomics, BSc program in Retail Management, 2018-2019 (course director)

Microeconomics, BSc program in Retail Management, 2017-2018 (course director)

Quantitative Methods, PhD level, lectures and round tables, Research School, CFR, fall 2022

Quantitative Methods, PhD level, lectures and round tables Research School, CFR, fall 2020

Guest Lecture, Productivity in retailing, BSc program in Retail Management, 2017

Guest Lecture, Research on retail markets, BSc program in Retail Management, 2013 and 2016

University of Gothenburg

Graduate Industrial Organization I, Master course, 2008-2010

Graduate Industrial Organization II, Master course, 2008-2010

Undergraduate Industrial Organization, Intermediate level, 2005-2006 and 2010

Microeconomics, TA, Introductory level, 2005-2006 and 2010

Supervision

Stockholm School of Economics

Master thesis, 2019/2020, in collaboration with H&M

Master thesis, 2018/2019

Master thesis, 2018/2019, in collaboration with Spotify

Master thesis, 2018/19

Master thesis, 2017/2018

Master thesis, 2017/2018

Master thesis, Karin Fura och Elsa Horn af Rantzien, 2017/2018,

in collaboration with the Swedish eHealth Agency

- Awarded prize for “Best Master thesis in competition economics” by the Swedish Competition Authority 2017

University of Gothenburg

Bachelor thesis, 2008/2009

Faculty Opponent and Grading Committees

International Review Panel Committee, University quality assessment, University of Galway, Ireland, 2024-2025

Ph.D. Grading Committee, Tove Forsbacka, “The Evolution of Competition: The Role of Institutional Ownership, Measurement, and Regulation” Department of Economics, SSE, May 2024

Ph.D. Faculty Opponent 2nd, Andreas Tveito, “Price Coordination and Consumer Behavior: Evidence from Retail Fuel”, University of Bergen, Norway, April 2022

Research Awards

The 50th European Economic Association for Research in Industrial Economics, EARIE, Best Paper Award, finalist 2023

The *International Journal of Industrial Organization* Best Paper Award 2016

Master thesis awarded prize for “Best Bachelor/Master thesis in industrial organization” by the Swedish Competition Authority 2002

Referee

American Economic Journal: Microeconomics, Economics Letters, International Journal of Industrial Organization, Journal of Behavioral and Experimental Economics, Journal of Economic Geography, Journal of Industrial Economics, Journal of the European Economic Association, Journal of Urban Economics, the Annals of Regional Science, Scandinavian Journal of Economics, Social Science Research

Research Visits

2017	KU Leuven, March
2016	University of Rennes, France, October
2015	Pennsylvania State University, April
2014	Pennsylvania State University, October
2009	Tilburg University, May
2007	Toulouse School of Economics

Conferences

2023	Nordic Workshop in Industrial Organization, NORIO
2022	AEA-ASSA Meetings, Virtual Swedish Workshop in Industrial Organization, SWERIE
2020	EALE SOLE AASLE World Conference, Virtual
2019	Conference of the European Econ. Assoc. for Research in Ind. Economics, EARIE, Barcelona Nordic Workshop in Industrial Organization, NORIO
2016	Understanding the Roots of Productivity Dynamics, Bank of Italy, Rome
2015	International Industrial Organization Conference, IIOC, Boston
2014	Conference of Swedish Network for European Studies in Economics and Business
2013	Swedish Workshop on Competition Research
2012	Conference of the European Econ. Assoc. for Research in Ind. Economics, EARIE, Rome INFORMS Marketing Science Conference, Boston

	International Industrial Organization Conference, IIOC, Washington
	EIEF, Rome, Workshop on Structural Approaches to Productivity and Industrial Dynamics
2011	European Meeting of the Econometric Society, EEA-ESEM, Oslo
	Swedish Economic Association Conference
	International Industrial Organization Conference, IIOC, Boston
2010	Swedish Economic Association Conference
	XXV Jornadas de Economía Industrial, Madrid
	Conference of the European Econ. Assoc. for Research in Ind. Economics, EARIE, Istanbul
	Annual Conference of the European Economic Association, EEA-ESEM, Glasgow
	Nordic Workshop in Industrial Organization, NORIO, Bergen
2009	Conference of the European Econ. Assoc. for Research in Ind. Economics, EARIE, Ljubljana
	Swedish Workshop on Competition Research
2008	Conference of the European Econ. Assoc. for Research in Ind. Economics, EARIE, Toulouse
	Nordic Retail and Wholesale Conference
2007	Conference of the European Econ. Assoc. for Research in Ind. Economics, EARIE, Valencia
	Nordic Workshop in Industrial Organization, NORIO
2006	Conference of the European Econ. Assoc. for Research in Ind. Economics, EARIE, Amsterdam
	Spring Meeting for Young Economists, Seville
	Workshop on Advances in the Empirical Analysis of Retailing, Berlin
2005	Conference of the European Econ. Assoc. for Research in Ind. Economics, EARIE, Porto
	Annual Conference of the European Economic Association, EEA, Amsterdam
	Nordic Workshop in Industrial Organization, NORIO, Reykjavik

Invited Seminars

2025	Office of Communications (Ofcom), London, UK
2022	Federal Communications Commission (FCC), Washington DC, US
2016	University of Rennes, France
2017	Linnaeus University
2014	Royal Institute of Technology
2013	Sodertorn University
2012, 2002	Swedish Competition Authority
2010	Research Institute of Industrial Economics
2009	Tilburg University
2007	Toulouse School of Economics

Paper Discussant

2023	Nordic Workshop in Industrial Organization, NORIO
2019	Nordic Workshop in Industrial Organization, NORIO
2015	International Industrial Organization Conference, IIOC, Boston
2012	Conference of the European Econ. Assoc. for Research in Ind. Economics, EARIE, Rome
	CEPR / JIE Conference on Applied IO, Cyprus
	International Industrial Organization Conference, IIOC, Washington
2011	International Industrial Organization Conference, IIOC, Boston
	IFN Conference on Entrepreneurship, Firm Growth and Ownership Change
2010	XXV Jornadas de Economía Industrial, Madrid
	Swedish Economic Association Conference

Organizer of seminars and conferences

2011–	Host and seminar organizer of visiting professors at the IFN
2011	Responsible organizer of IFN's seminar series

Research Grants and Scholarships

Johan and Jakob Söderberg Foundation (PI) 2026-2028

Kamprad Family Foundation for Entrepreneurship, Research and Charity
“Health Care for Elderly: the Swedish Pharmacy Market” (PI) 2021-2024

Torsten Söderberg Foundation
“Competition in Health Care Markets: the Swedish Pharmacy Market” (PI) 2021-2024
“Competition in Retail Trade” 2013-2016

Swedish Competition Authority
“Priser, Marginaler och Konkurrens på Livsmedelsmarknaden i tider av osäkerhet” (PI) 2024-2026
“Investments, Productivity and Competition in the Broadband Market” (PI) 2017-2021
“Dynamic Store Adjustment: Switching Store Formats in Retail” 2010-2011
“Differentiation and Competition in Food Retailing: The case of discounters” 2009
“How do 'Big-Box' Entrants Influence Competition and Productivity in Local Food Retailing?” 2007-2008

The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (Formas)
“Policy Evaluation for Sustainable Regional Development” (PI) 2017-2021
Swedish Retail and Wholesale Development Council (Handelsrådet)
“Strategic Positioning in the Retail Food Market” (PI) 2012-2014
“Is there a Wal-Mart effect without Wal-Mart? A Dynamic Analysis of Retail Productivity” 2008

Jan Wallander and Tom Hedelius Foundation
“Ägandeformer, etablering och konkurrens på tjänstemarknader i stad och landsbygd” 2018-2021

Markussens Forskningsfond 2007, Adlerbertska Forskningsstiftelsen 2006

Expert

2025 –	Member of the Research Council, Swedish Competition Authority
2013 – 2025	Economic Expert Judge, Swedish Patent and Market Court of Appeal (Patent- och Marknadsöverdomstolen)
2011 –	Economic Expert Judge, Swedish Administrative Court (Förvaltningsdomstolen)
2024	Reference group member, Swedish Competition Authority
2024	Reference group member, Swedish Defense Research Agency (FOI)
2023	Reference group member, Swedish Competition Authority
2014	Reference group member, Swedish Competition Authority

Workshops and Course Work

2022	Competition and regulation in digital markets, mini course, Tommaso Valetti, Imperial College London and University of Rome “Tor-Vergata”, SSE
2021	The production approach to market power, mini course, Jan De Loecker, KU Leuven, SSE
2014	Productivity: Firms and Markets, mini course, Chad Syverson, Booth School of Business, University of Chicago, SSE
2013	Auctions and Collusion, mini course, John Asker, Stern School of Business, New York University, SSE
2009	Structural Econometrics for IO, course, Victor Aguirregabiria, University of Toronto, CEMFI Empirical IO, course, Daniel Akerberg, UCLA, Helsinki School of Economics
2007	Structural Econometrics for IO, course, Victor Aguirregabiria, University of Toronto, Helsinki School of Economics
2006	Empirical IO, mini course, Ariel Pakes, Harvard University, SSE
2005	Empirical IO, course, Ariel Pakes, Harvard University, Helsinki School of Economics

Administrative positions and experience

2023	Recruitment committee IFN, tenure-track position
2023	Recruitment committee IFN, several RA positions
2022	Recruitment committee IFN, tenure-track position

Policy Work

2025 –	Research Consultant, SNS
2022	Research Consultant, Swedish Competition Authority
2015	Research Consultant, Swedish Retail and Wholesale Council
2008	Research Consultant, Swedish Retail and Wholesale Development Council
2007	Consultant, Swedish Civil Aviation Authority
2004	Consultant, Swedish Competition Authority

Policy presentations

Office of Communications (Ofcom), “The Dynamic Effects of Building Broadband Infrastructure”, seminar, London, United Kingdom, April 2025

Swedish Post and Telecom Authority, policy seminar, “The Dynamic Effects of Building Broadband Infrastructure”, Stockholm, 2023

Swedish Competition Authority, policy seminar, “Competition in the Market for Pharmacies and Pharmaceuticals”, Stockholm, December 2022

Federal Communications Commission (FCC), “The Dynamic Effects of Building Broadband Infrastructure”, seminar, Washington DC, USA, October 2022

Board of Directors IFN, “Deregulation of the Pharmacy Market”, 2021

Chairman of Board IFN, “Deregulation and Product Variety”, 2019

National Institute of Economic Research (Konjunkturinstitutet), “Productivity in Services”, Stockholm, August 2018

Alumni Meeting IFN, “Market Dynamics in Retail”, 2016

Board of Directors IFN, “Structural Change and Productivity in Services”, 2011

School of Business Day, University of Gothenburg, “Is there a Walmart Effect Without Walmart?”, 2007

Publications in Swedish

Tullar – ett hårt slag mot innovation (Trade Policy and its Impact on Innovation), *Ekonomisk Debatt*, No. 5, 2025 (with Florin Maican)

Digitalisering, strukturomvandling och produktivitet i tjänsteföretag (Digitalization, Structural Change and Productivity in Services), *Ekonomisk Debatt*, No. 1, 2018 (with Florin Maican)

- Presented at the National Institute of Economic Research (Konjunkturinstitutet), August 2018
- Cited by Sveriges Riksbank

Marknadsstruktur och dynamik i dagligvaruhandeln (Dynamics of Market Structure in Retail), *Ekonomisk Debatt*, No. 1, 2012 (with Florin Maican)

Popular Science Reports

Produktivitet in en ny ekonomisk verklighet: investeringar, teknologi och marknadsdynamik, Research report, Studieförbundet Näringsliv och Samhälle, SNS, 2025 (with Florin Maican)

Apoteksmarknaden ur ett konkurrensperspektiv, Research report, Swedish Competition Authority, No. 4, 2022 (with Florin Maican)

The Dynamic Impact of Exporting on Firm R&D Investment, VoxEU column, January 2021

Strategisk mix av dagligvarubutiksformat – metoder för att effektivt analysera marknaden, Swedish Retail and Wholesale Council 2016:1 (with Florin Maican)

Finns det en Wal-Mart effekt utan Wal-Mart? (Is there a Wal-Mart effect without Wal-Mart?), Swedish Retail and Wholesale Council 2009:1 (with Florin Maican)

Vem konkurrerar med vem på flygmarknaden? En studie av flygmarknadens segment (Product Market Competition in the Airline Industry), Swedish Civil Aviation Authority 2008:2 (with Florin Maican)

Tjugo års utredande av höga matpriser och otillfredsställande kvalitet: Vad har man egentligen kommit fram till? (Twenty years of investigating high retail-food prices and unsatisfactory quality: what are in fact the results?), Swedish Competition Authority, 2004

Popular science articles

Handelshinder minskar FoU-satsningar, IFN Yearbook 2023

Apoteket efter omregleringen, IFN Yearbook 2022

Konkurrens och osäkerhet i hälso- och sjukvården: Den svenska apoteksmarknaden, Torsten Söderberg Foundation Yearbook 2020

Deregulating Retail: The Hidden Impact of a Lower Bar to Entry, IFN Newsletter, No. 2, 2019

Mindre strikt reglering ökar produktiviteten i detaljhandeln, IFN Newsletter, No. 5, 2014

Selection of media coverage

Matpriserna och politikerna, Smedjan, 2023

Så har marknaden utvecklats sedan monopollet avskaffades, Svensk Farmaci, 2023

Granskning: De är vinnare i kampen om marknaden, Fri Köpenskap, 2023

Hur kan bankerna skörda jättevinst trots växande kundmissnöje? Omni ekonomi, 2023

Inga statligt ägda apotek i Västerbottens inland, Västerbottens folkblad, 2022

Apoteksmarknaden ur ett konkurrensperspektiv, Konkurrensverkets nyhetsbrev, 2022

Framtiden för våra köpcentrum, Intervju i Sveriges radio (SR), 2017

Se möjligheterna med big data, Fri Köpenskap, 2016

Etablering av nya butiker, Market, 2016

Om regleringen av nya butiker, Dagens samhälle, 2016

Det handlar om att handla, IFN Podcast 2015

Coop slopar butiksnamnet Konsum, Ekonomiekot, Sveriges radio (SR), 2015

Stormarknad får vika om vi ställer bilen, Dagens Nyheter, 2014

Efter 33år slår de igen lanthandeln i Hörja, Expressen, 2014

Lokal marknad ett svar på storhandel, Intervju i Sveriges radio (SR), 2013

Vinna eller försvinna för småbutiker, Fria Företagare, 2011

Avgift spelar roll för vem som besöker Museum, Göteborgs Posten, 2008

Lidl och Nettos konkurrens undersöks, Fri Köpenskap, 2008

Porträttet, Fri Köpenskap, 2008

References

Professor Mark J. Roberts
Department of Economics
Director, Penn State Federal
Statistical Research Data Center
Pennsylvania State University
University Park, PA 16802, USA
Phone: +1 814 863-1535
Email: mroberts@psu.edu

Professor Amil K. Petrin
Department of Economics
University of Minnesota, Twin Cities
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