

Magnus Lodefalk

Associate Professor (Docent) of Economics

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[AI-Econ Lab](#) · [AISCAF Cluster](#)

[Google Scholar](#) · [IDEAS/RePEc](#)

Current Positions

- Associate Professor, Örebro University, Sweden, May 2017–
- Research Fellow, Ratio Institute, Sweden, Sep 2016–
- Research Fellow, Global Labor Organisation, Nov 2018–
- Research Leader (with D. Johansson), Entrepreneurship, Family Firms, Globalisation and Institutions (EFGI) Research Group, Örebro University, Fall 2017–
- Initiator and Co-Leader, AI-Econ Lab, 2019–
- Cluster Team Leadership Team member (one of three), AISCAF (WASP-HS research cluster), Sep 2025–present (*role entails node leadership of one of three nodes*)
- Founder, Sörby Economics AB, Örebro, Sweden, 2010–

Education

- **PhD in Economics**, Örebro University, Sweden, 2010–2013 (defended 14 June 2013)
Opponent: Prof. Holger Görg, Christian-Albrechts University, Kiel, Germany
Examiners: Prof. Karolina Ekholm (Stockholm University/Central Bank of Sweden); Ass. Prof. Fredrik Heyman (IFN); Prof. Sune Karlsson (Örebro University)
Supervisors: Prof. Fredrik Sjöholm (Lund University/IFN); Prof. Pär Hansson (Örebro University/Growth Analysis)
- **MSc Studies in Economics** (exchange), University of Western Ontario, Canada, 1999/2000
- **BA in Political Science**, University of Växjö, Sweden, 2004
- **BSc in Economics**, Stockholm University, Sweden, 2000
- Language Studies (German and Spanish), Goethe/Malaca Institutes, Germany/Spain, 1998–1999

Research Interests

Artificial intelligence and labor markets; International trade; Migration and firm internationalization; Export credit guarantees; Servicification of manufacturing; Entrepreneurship and firm dynamics.

International Peer-Reviewed Publications

- [1] **Lodefalk, M.**, Tang, A. and M. Yu (2025), “Stayin’ alive: Export Credit Guarantees and Export Survival,” *Applied Economics Letters*, early online.
- [2] Engberg, E., Koch, M., **Lodefalk, M.**, and S. Schroeder (2025), “Artificial Intelligence, Tasks, Skills and Wages: Worker-Level Evidence from Germany,” *Research Policy*, vol. 54(8), art. 105285.
- [3] Engberg, E., Hellsten, M., Javed, F., **Lodefalk, M.**, Sabolová, R., Schroeder, S. and A. Tang (2025), “Artificial Intelligence, Hiring and Employment: Job Postings Evidence from

- Sweden,” *Applied Economics Letters*, early online.
- [4] Koch, M. and **M. Lodefalk** (2025), “Artificial Intelligence and Worker Stress: Evidence from Germany,” *Digital Society*, vol. 4(1).
 - [5] Hatzigeorgiou, A., Karpaty, P., Kneller, R. and **M. Lodefalk** (2024), “Immigrant Employment and the Contract Enforcement Costs of Offshoring,” *Review of World Economics*, vol. 160, no. 3, pp. 953–981.
 - [6] Baccini, L., **Lodefalk, M.** and R. Sabolová (2024), “Economic Determinants of Attitudes toward Migration: Firm-Level Evidence from Europe,” *International Organization*, vol. 78(1), pp. 67–102.
 - [7] Agarwal, N., Chan, J.M.L., **Lodefalk, M.**, Tang, A., Tano, S. and Z. Wang (2023), “Mitigating Information Frictions in Trade: Evidence from Export Credit Guarantees,” *Journal of International Economics*, vol. 145, art. 103831.
 - [8] **Lodefalk, M.** and F. Andersson (2023), “Business Angels and Firm Performance: First Evidence from Population Data,” *PLoS ONE*, vol. 18, no. 3.
 - [9] **Lodefalk, M.**, Sjöholm, F. and A. Tang (2022), “International Trade and Labour Market Integration of Immigrants,” *The World Economy*, vol. 45, no. 6, pp. 1650–1689.
 - [10] Hatzigeorgiou, A. and **M. Lodefalk** (2021), “A Literature Review of the Nexus between Migration and Internationalization,” *Journal of International Trade & Economic Development*, vol. 30, no. 3, pp. 319–340.
 - [11] Hatzigeorgiou, A. and **M. Lodefalk** (2019), “Migration and Servicification: Do Immigrant Employees Spur Firm Exports of Services?,” *The World Economy*, vol. 42, no. 11.
 - [12] **Lodefalk, M.** and A. Tang (2018), “The impact of hiring top workers on productivity: what is the role of absorptive capacity?,” *Applied Economics Letters*, vol. 25, no. 20, pp. 1402–1406.
 - [13] Andersson, F., Johansson, D., Karlsson, J., **Lodefalk, M.** and A. Poldahl (2018), “Female Top Management in Family Firms and Non-family Firms: Evidence from Total Population Data,” *Int. J. of Entrepreneurship and Small Business*, vol. 35, no. 3, p. 303.
 - [14] Andersson, F., Johansson, D., Karlsson, J., **Lodefalk, M.**, and A. Poldahl (2018), “The Characteristics of Family Firms: Exploiting Information on Ownership, Kinship and Governance Using Total Population Data,” *Small Business Economics*, vol. 51, no. 3, pp. 539–556.
 - [15] Gidehag, A. and **M. Lodefalk** (2017), “Recruiting for Small Business Growth: Micro-level Evidence,” *International Review of Entrepreneurship*, vol. 15, no. 2.
 - [16] **Lodefalk, M.** (2017), “Servicification of Firms and Trade Policy Implications,” *World Trade Review*, vol. 16, no. 1, pp. 59–83.
 - [17] **Lodefalk, M.** (2016), “Temporary Expats for Exports: Micro-Level Evidence,” *Review of World Economics/Weltwirtschaftliches Archiv*, vol. 152, no. 4, pp. 733–772.
 - [18] Hatzigeorgiou, A. and **M. Lodefalk** (2016), “Migrants’ Influence on Firm-level Exports,” *Journal of Industry, Competition and Trade*, vol. 16, no. 4, pp. 477–497.
 - [19] Hatzigeorgiou, A. and **M. Lodefalk** (2016), “The Brexit Trade Disruption Revisited,” *The Estey Journal of International Law and Trade Policy*, vol. 17, no. 1.
 - [20] Hatzigeorgiou, A. and **M. Lodefalk** (2015), “Trade, Migration and Integration – Evidence and Policy Implications,” *The World Economy*, vol. 38, no. 12, pp. 2013–2048.
 - [21] **Lodefalk, M.** (2014), “The Role of Services for Manufacturing Firm Exports,” *Review of World Economics/Weltwirtschaftliches Archiv*, vol. 150, no. 1, pp. 59–82.
 - [22] **Lodefalk, M.** (2013), “Servicification of manufacturing – evidence from Sweden,” *International Journal of Economics and Business Research*, vol. 6, no. 1, p. 87.
 - [23] Kinnman, S. and **M. Lodefalk** (2009), “A Global Baltic – Potential Gains from Trade Liberalisation in the Baltic Sea States,” *Baltic Journal of Economics*, vol. 9, no. 1, pp. 55–79.
 - [24] Kinnman, S. and **M. Lodefalk** (2007), “What is at Stake in the Doha Round?,” *The World*

Economy, vol. 30, no. 8, pp. 1305–1325.

- [25] Storey, M. and **M. Lodefalk** (2005), “Climate Measures and WTO Rules on Subsidies,” *Journal of World Trade*, vol. 39, no. 1, pp. 23–44.
- [26] **Lodefalk, M.** and J. Whalley (2002), “Reviewing Proposals for a World Environmental Organisation,” *The World Economy*, vol. 25, no. 5, pp. 601–617.

Other Publications

- [1] (2025) “AI i offentlig sektor” (AI in the Public Sector), *Ekonomisk Debatt*, vol. 53, no. 4. (with Engberg, Rydén and Tang)
- [2] (2025) “Algoritmer för allmän nytta: en ESO-rapport om AI, produktivitet och arbetskraftsbehovet i offentlig sektor,” Expert Group on Public Economics, Ministry of Finance, Report 2025:2. (with Engberg and Tang)
- [3] (2024) *Artificiell intelligens och jobben* (Artificial Intelligence and Work). Stockholm, Sweden: Ratio. (popular science book)
- [4] (2021) “The EU Digital Market Regulations: Rule-Maker or Deal-Breaker?,” TIISA Policy Brief. (with Kyvik-Nordås and Wernberg)
- [5] (2021) “Migration can Play a Role in the Post-Pandemic Reboot of Global Trade,” CEPR, VoxEU.org. (with Hatzigeorgiou and Alm)
- [6] (2020) “Stå på giganters axlar,” *Ekonomisk Debatt*, Editorial, vol. 48, no. 5.
- [7] (2020) “Globalization on hold or in reverse?,” TIISA Policy Brief 2020-1.
- [8] (2020) “Globalisering, var god dröj,” *Kvartal*, 9 April.
- [9] (2019) “The effects of export credit guarantees on firm performance,” CEPR, VoxEU.org. (with Agarwal, Stenberg, Tang, Tano and Wang)
- [10] (2019) “Utrikeshandel, löner och rörlighet” in Stern, L. (ed.) *En dynamisk arbetsmarknad*, Dialogos. (with Kyvik-Nordås and Tang)
- [11] (2019) “Statliga garantier i utrikeshandeln – mönster, effekter och reflektioner,” *Ekonomisk Debatt*, vol. 47, no. 8. (with Tang and Tano)
- [12] (2018) “Den trumpska hästen,” *Ekonomisk Debatt*, Editorial, vol. 46, no. 5.
- [13] (2018) “Svenska affärsänglar – hur lyckas de med sina investeringar?,” *Ekonomisk Debatt*, vol. 46, no. 3. (with F.W. Andersson)
- [14] (2017) “Behovet av en ny handelspolitik,” *Ekonomisk Debatt*, Editorial, vol. 45, no. 6.
- [15] (2016) “Breflektioner – vilka blir de ekonomiska konsekvenserna av att Storbritannien lämnar EU?,” *Ekonomisk Debatt*, vol. 44, no. 6. (with A. Hatzigeorgiou)
- [16] (2016) *Kunskapsöverföring för tillväxt*, Growth Analysis, Sweden, PM 2016:12. (with A. Gidehag)
- [17] (2015) “Migration kan främja internationalisering,” *Ekonomiska Samfundets Tidskrift*, vol. 69, no. 1. (with A. Hatzigeorgiou)
- [18] (2015) “Cross-border movement of persons stimulate trade,” CEPR, VoxEU.org. (with E. Anér and A. Graneli)
- [19] (2015) “Utlandsfödda kan främja företagets export av tjänster,” *Ekonomisk Debatt*, vol. 43, no. 6. (with A. Hatzigeorgiou)
- [20] (2015) *Migration och företagets internationalisering – en kunskapsöversikt*, Delmi, Kunskapsöversikt 2015:4. (with A. Hatzigeorgiou)
- [21] (2015) “Atithi Devo Bhava?,” Observer Research Foundation, Issue Brief no. 91. (with N. Agarwal)
- [22] (2015) “Getting more out of India’s ‘Tourist Visa on Arrival’ scheme,” International Growth Centre, Ideas for India. (with N. Agarwal)
- [23] (2015) *How Cross-Border Movement of Persons Facilitates Trade*, National Board of Trade, Sweden, Report 2015:2. (with A. Graneli)
- [24] (2015) “Tear down the trade policy silos!,” CEPR, VoxEU.org.

- [25] (2014) *Utlandsfödda och företagens internationalisering*, Swedish Entrepreneurship Forum, Globalisation Report no. 7. (with A. Hatzigeorgiou)
- [26] (2013) *Tackling Barriers to Firm Trade: Liberalisation, Migration, and Servicification*, Örebro University, Örebro Economic Studies no. 23, Doctoral Thesis.
- [27] (2013) “Hur undervisar vi i nationalekonomi?,” *Ekonomisk Debatt*, Forum, vol. 41, no. 1.
- [28] (2012) “Utlandsfödda främjar företagens utrikeshandel,” *Ekonomisk Debatt*, vol. 40, no. 5. (with A. Hatzigeorgiou)
- [29] (2011) *Mångfald och internationalisering*, Swedish Agency for Economic and Regional Growth, Report. (with A. Hatzigeorgiou)
- [30] (2010) *Servicification of Swedish manufacturing*, National Board of Trade, Sweden, Report 2010:1.
- [31] (2007) *Potential Gains from Trade Liberalisation in the Baltic Sea Region*, National Board of Trade, Report. (with S. Kinnman)
- [32] (2006) *Economic Implications of the Doha Round*, National Board of Trade, Sweden, Report. (with S. Kinnman)
- [33] (2006) *Capacity Building on WTO and Environmental Protection*, Swedish Environmental Protection Agency, Book. (with M. Storey et al.)
- [34] (2005) *Climate and Trade Rules – harmony or conflict*, National Board of Trade, Sweden, Report.

Recent Selected Working Papers and Manuscripts

- [1] Hellsten, M., Khanna, S., **Lodefalk, M.** and Y. Yakymovych (2025), “The Effects of Artificial Intelligence on Jobs: Evidence from an AI Subsidy Program,” Örebro University Working Paper 2025:13, Ratio Working Paper 386, IZA Discussion Paper 18267, GLO Discussion Paper 1692. *Under review at Economic Journal.*
- [2] Engberg, E., Görg, H., Hellsten, M., Javed, F., Kyvik-Nordås, H., **Lodefalk, M.**, Långkvist, M., Monteiro, N., Pulito, G., Schroeder, S. and A. Tang (2024), “AI Unboxed and Jobs: A Novel Measure and Firm-Level Evidence from Three Countries,” Örebro University Working Paper 2023:13, Ratio Working Paper 370, IZA Discussion Paper 16717, RFBerlin/CREAM Discussion Paper 14/24. *Under review at Economic Journal.*
- [3] **Lodefalk, M.**, Engberg, E., Lidskog, R., Skargren, F. and A. Tang (2025), “Artificial Intelligence for Public Use,” Örebro University Working Paper 2025:6. *Resubmitted to Digital Society.*
- [4] **Lodefalk, M.**, Löthman, L., Koch, M. and E. Engberg (2026), “Same Storm, Different Boats: Generative AI and the Age Gradient in Hiring,” Örebro University Working Paper 2026:2, Ratio Working Paper 388.
- [5] Pulito, G., Pytlikova, M., Schroeder, S. and **Lodefalk, M.** (2026), “Who Adopts AI? Evidence on Firms, Technologies, and Workers,” Örebro University Working Paper 2026:3, IZA Discussion Paper 18515, RFBerlin Discussion Paper 089/26, CERGE-EI Working Paper 818.
- [6] Kyvik Nordås, H., **Lodefalk, M.** and A. Tang (2025), “Exports and Foreign Direct Investment: Theory and Evidence for Services Firms,” Örebro University Working Paper / Ratio Working Paper. *In revision.*
- [7] Kyvik Nordås, H., A. Tang and **Lodefalk, M.** (2017), “Trading Firms and Trading Costs in Services: The Case of Sweden,” Örebro University Working Paper 2017:4. *In revision.*

Previous Positions

- Co-Director, Jean Monnet Trade and Investment in Services Associates Network, Fall 2018–2021

EU-funded transcontinental research and educational network

- Research Fellow in Economics, Örebro University, Sweden, Feb 2014–Dec 2017
Postdoc research position incl. comprehensive teaching and leadership training program
- Senior Adviser and Trade Economist, National Board of Trade (Kommerskollegium), Sweden, 2003–2014
Responsible for economic analysis of trade and trade policy; CGE modelling; Member of the EC-Commission Network for European Trade Economist, 2005–2013
- Lecturer in Economics, Örebro University, Sweden, Oct 2010–Feb 2014
- Senior Officer, International Department, The Social Security Administration, Sweden, 2001–2003
- Graduate Research Assistant for Prof. John Whalley, Dept. of Economics, UWO, Canada, 2000

Research Visits

- Northeastern University, Boston, USA, January 2026
- FIND Research Centre, Aarhus University, Denmark, April 2022, October 2022, February 2026
- Kiel Institute for the World Economy (IfW), Germany, May 2015, November–December 2016
- Nottingham Centre for Research on Globalisation and Economic Policy (GEP), UK, June 2012

Honors and Awards

- Jan Wallander & Tom Hedelius Foundation, research grant (1,000,000 SEK), April 2026
- Hamrin Foundation and Örebro University, Outstanding Research Communication Award (5,400 USD), January 2026
- WASP-HS, 5-year grant for establishing a Swedish research cluster (3,130,000 USD), April 2025 (PI, together with Nordström Skans (main applicant), and Bursell)
- County of Örebro Ambassador, 2025
- Jan Wallander & Tom Hedelius Foundation, grant for research exchange and dissemination (20k USD), December 2023
- Torsten Söderberg Foundation, research grant (77,477 USD), November 2023
- Expert Group for Studies in Public Economics (ESO), 5 months funding, June 2023
- Nyckelfonden, three-year research grant (54,183 USD), March 2023 (co-investigator)
- Forskningskommittén, Region Örebro Län, two-year grant (9,851 USD), June 2022 (co-investigator)
- Nyckelfonden, three-year research grant (30,295 USD), April 2022 (co-investigator)
- Torsten Söderberg Foundation, two-year research grant (155k USD), December 2021
- Jan Wallander & Tom Hedelius Foundation, grant for research exchange and dissemination (26k USD), May 2020
- Jan Wallander & Tom Hedelius Foundation, 3-year research grant (156k USD), May 2019
- Erasmus+, three-year education and research grant (300 000), July 2018 (co-investigator)
- Torsten Söderberg Foundation, two-year research grant (147k USD), December 2016
- Wallander post-doctoral three-year research grant (207k USD), Jan Wallander & Tom Hedelius Foundation, December 2013
- Sven and Dagmar Saléns Stiftelse, visiting PhD student position at University of Nottingham, UK, June–July 2012, Supervisor Prof Richard Kneller.
- Örebro Enskilda Handelsförenings Stiftelse, award for scientific paper, June 2012

Professional Service

Board Memberships and Advisory Roles

- Scientific board member, Swedish Public Employment Service, 2025–
- Advisory board member (government appointment), Swedish National Agency for Higher Vocational Education, 2023–
- Board member, Academy for Leadership and Theology, 2020–2024
- Editorial board member, Journal of the Swedish Economic Association, 2017–2021
- Reference group member, MONA micro-data, Statistics Sweden, March 2012–November 2017

Project Leadership

- WASP-HS research cluster “AI, Structural Change, and the Future of Work,” Co-leader, 2025–2030
- ESO project on AI in the public sector, 2023–2025
- Research projects on Labour market effects of AI, 2020–
- Research project on Export Credit Guarantees, 2017–2021
- Sino-Swedish Capacity Building on Trade and Environment (Sida-funded), 2005–2006

PhD Supervision

- Lydia Löthman (started September 2025)
- Mark Hellsten, Aarhus University, Denmark (started Feb. 2022, completed April 2025)
- Erik Engberg (started August 2020)
- Johan Karlsson (started January 2016, completed April 2020)
- Aili Tang (from January 2017, completed May 2018)
- Louise Johannesson (from April 2016, completed March 2018)
- Anton Gidehag (January 2015–November 2016)

Referee Service and Examining

Journals: Journal of World Trade (1), The World Economy (6), OECD (2), Review of World Economics (5), Journal of Economics and Statistics (1), Journal of Regional Science (1), Annals of Regional Science (1), Manchester School (1), Journal of Int. Trade and Econ. Dev. (3), Journal of Population Economics (1), Journal of Business Venturing (1), International Trade Journal (1), Int. Review of Economics (1), Applied Economics Letters (4), Southern Economic Journal (1), Industry and Innovation (1), ILR Review (1)

PhD Examining:

- Expert reviewer, Review of World Economics Prize, September 2025
- PhD Opponent, Qingyan Peng, October 2024
- PhD Examiner, Josefin Videnord, Uppsala University, September 2023
- Expert reviewer, Research Council, KU Leuven, April 2023
- Expert reviewer, Review of World Economics Prize, September 2021
- Final reviewer, pre-Viva PhD Thesis, Polina Knutsson, Lund University, June 2019
- Final discussant, pre-Viva PhD Thesis seminar, Irina Andone, Uppsala University, January 2018

Invited Presentations (Selected)

- MYH multi-agency steering group (9 government agencies), invited expert, May 2026
- TechSverige/Akavia roundtable with State Secretary, Ministry of Education, May 2026

- Region Örebro Competence Forum, lecture, February 2026
- Northeastern University, Boston, USA, January 2026
- The Economy Museum, Stockholm, Sweden, lecture, December 2025
- NEXUS AI Workshop, Lund University, keynote speaker, December 2025
- The Swedish Labour Market Council, AI Sweden, November 2025
- The National Institute of Economic Research, September 2025
- ETLA Helsinki, “Charting the Change” Conference, keynote speaker, May 2025
- Platform for Inequality Research Conference, Aarhus University, keynote speaker, May 2025
- Nordic Initiative for Corporate Economics (NICE), Denmark, September 2021
- Global Labor Organization Virtual Seminar Series, September 2021
- OECD expert meeting on services trade policy, Paris, January 2018
- OECD Conference of the Global Forum on Productivity, Hungary, June 2017
- Kiel Institute for the World Economy, Germany, December 2016
- OECD Trade Committee, breakfast seminar, Paris, November 2014

Selected Conference Presentations

- American Economic Association Annual Meeting, Philadelphia, USA, January 2026
- Aarhus Workshop on the Impact of Automation, Denmark, August 2025
- European Economic Association Annual Conference, Rotterdam, August 2024
- Technology, Innovation and Growth Conference, Poland, May 2024
- Zurich Workshop in AI and Economics, Switzerland, September 2023
- 19th ILERA World Congress, Lund, Sweden, June 2021
- TIISA Annual Conference, Switzerland, September 2019
- 94th Western Economic Association Int. Conference, San Francisco, June 2019
- ETSG Annual Conference, Florence, Italy, September 2017
- American Economic Association Annual Meeting, San Francisco, January 2016
- ETSG Annual Conference, Munich, Germany, September 2014
- ISGEP Conference, Stockholm, Sweden, September 2012
- ETSG Annual Conference, Denmark, September 2011

Teaching

- Instructor (advanced level), Programming and Data Management, Örebro University, Fall 2025–
- Main lecturer, Globalisation, Örebro University, Spring 2025–
- Graduate course in Corporate Finance, Örebro University, 2018–
- BSc and MSc thesis advisor, Örebro University, 2019–
- Parts of Applied Econometrics course, Örebro University (current)
- Initiator and main lecturer, life-long learning course on “Artificial Intelligence and the (R)evolution of Working Life,” Örebro University, 2024–
- Guest lecturer, “AI as a GPT and implications for economic growth,” Economics of Innovation, Lund University, September 2024
- Main lecturer and course manager, “The International Trading System,” Örebro University, 2011–2014
- Lecturer and coordinator, Economics 101, Örebro University, Fall 2016
- Various courses on international trade for government officials and academics, 2005–2010

Professional Affiliations

- Trade in Services and Investment Associates (TIISA) Network

- The Global Labor Organization
- The Global Trade Analysis Project (GTAP) network
- OUTSEED (Online Users of The Swedish Employer Employee Data)
- The Swedish Economic Association
- The European Economic Association
- The American Economic Association

Technical Skills

Stata, Python, L^AT_EX, SQL, GEMPACK/GTAP

Selected Media Coverage

Television: SVT Nyheter (2023, 2026), SVT Ekonomibyrån (2023), TV4 (2023, 2024), SVT “Folkets AI” documentary series (2025)

Radio: Sveriges Radio P1 Studio Ett (2017, 2024), SR Godmorgon Världen (2018), SR Ekonomiekot Extra (2025), SR P4 regional

Print/Online: Dagens Nyheter (2015, 2024), Dagens Industri (2013, 2016, 2020, 2024, 2025), Svenska Dagbladet (2013, 2014), Financial Times (2016), Wall Street Journal (2015), Göteborgs-Posten (2025), Realtid (2025)

Podcasts: Fråga Forskaren (2024), Studio Akavia (2024), ORU Talks (2023), Universeum Branding Geeks (2023)