

JIMMY KARLSSON

Curriculum Vitae (August 2024)

Department of Economics · University of Gothenburg
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RESEARCH INTERESTS

Environmental Economics, Labor Economics

EDUCATION

- 2020 – Ph.D. in Economics, Department of Economics, University of Gothenburg
- 2017 – 2019 M.Sc. in Economics, Department of Economics, University of Gothenburg
Thesis: *Temperature & Exports - Evidence from the United States*
- 2018 Exchange Semester, Solvay Brussels School of Economics & Management,
Université Libre de Bruxelles
- 2014 – 2017 B.Sc. in Economics, Department of Economics, University of Gothenburg

WORK IN PROGRESS

Climate Policy and the Returns to Skills [JOB MARKET PAPER]

This project aims to investigate the effects of climate policy on labor market outcomes in Sweden. Using matched employer-employee data from the Swedish registers for the years 2004-2018, I estimate the effects of a reform which removed the carbon tax rebates for a subset of firms in the manufacturing and mining sector, thereby increasing the stringency of the policy. Using a diff-in-diff framework, I find that the reform significantly reduced emissions among treated firms compared to a control group, as well as reducing the employment of workers without a high school degree. This effect is mainly driven by a reduction in the hiring rate of this group. The annual income of workers staying with the same firm over the time period does not seem to be affected by the reform. The results can increase the understanding of how climate policy changes the composition of labor demand and its implications for labor market inequality.

PEER-REVIEWED PUBLICATIONS

Karlsson, J. (2021). Temperature and Exports: Evidence from the United States. *Environmental and Resource Economics*, 80(2), 311-337.
doi.org/10.1007/s10640-021-00587-5

This paper estimates the effect of exogenous short-term temperature changes on the economy of the United States, using high-resolution data on monthly exports which has not been previously exploited in the literature. The detailed disaggregation of U.S. export data into sectors enables a top-down estimation of the net effect of temperature, while also identifying potential mechanisms at the micro level. Using an econometric specification which allows high parametric flexibility, I find significantly negative effects of both high and low temperatures. The magnitude of the effects corresponds to an average reduction of annual U.S. exports by 0.20%, following a uniform 2°C temperature increase. Industry heterogeneity in the temperature effect suggests disparate mechanisms behind hot and cold days, which are important to take into account when estimating the future economic damages of climate change in the United States.

REFEREE ACTIVITY

Oxford Economic Papers

GRANTS

2023	Adlerbert Travel Scholarship (20,000 SEK); Hedelius Travel Stipend (300,000 SEK)
2022	Adlerbert Travel Scholarship (20,000 SEK)

SEMINARS AND CONFERENCES (SCHEDULED*)

2024	EAERE Annual Conference (KU Leuven); Annual PhD workshop (U Gothenburg); EnergyEcoLab (UC3 Madrid); EALE Annual Conference* (NHH Bergen); Applied Micro Brownbag* (U Gothenburg); Micro Seminar* (NHH Bergen)
2023	Environmental Economics Seminar (U Gothenburg); CERE (U Umeå); Annual PhD workshop (U Gothenburg)
2022	Annual PhD workshop (U Gothenburg)
2021	Environmental Economics Seminar (U Gothenburg)

OTHER ACTIVITIES

2024	Research Visit, EnergyEcoLab, UC3 Madrid
2022 – 2023	Organizer of the Environmental Economics Seminar Series, Department of Economics, University of Gothenburg
2020 – 2021	Student Representative at the Research and Doctoral Education Board, Department of Economics, University of Gothenburg
2018	Research Internship, Department of Economics, University of Gothenburg

ADDITIONAL EDUCATION

2023	<i>Wage Determination</i> , Summer School, Barcelona School of Economics
2022	<i>New Developments in the Econometrics of Heterogeneous Workers and Firms</i> , CEMFI Summer School, Madrid
2022	<i>Research Ethics</i> , Department of Economics, University of Gothenburg
2021	<i>Teaching in Higher Education</i> , Department of Economics, University of Gothenburg

TEACHING (UNDERGRADUATE LEVEL)

2021 – 2023	Macroeconomics, Intermediate Macroeconomics, International Economics, Stata support for thesis work, Economics in Practice
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WORK EXPERIENCE

2019 – 2020	Research Assistant (full-time), Department of Economics, University of Gothenburg
2015 – 2017	Optical Assistant (part-time), Synoptik, Gothenburg

SKILLS

L^AT_EX, R, Stata, SQL

LANGUAGES

Swedish (native), English (fluent), Spanish (good)

REFERENCES

Jessica Coria (supervisor)
Associate Professor
Department of Economics
University of Gothenburg
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Mikael Lindahl (supervisor)
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