

JOHANNES HIRVONEN

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EDUCATION

Aalto University Espoo, Finland
Ph.D. in Economics 2022 - Present

Fields: Industrial Organization, Labor Economics, Microeconomic Theory

Aalto University Espoo, Finland
M.Sc. in Economics (with distinction) 2019 - 2021

Thesis: *"Measuring New Technologies: Evaluation of the Effects of Receiving a Technology Subsidy in Finnish Manufacturing"* (Grade: 5/5, Excellent)

Aalto University Espoo, Finland
B.Sc. in Economics (with distinction) 2015 - 2019

Thesis: *"Effects of Generic Substitution on Medicine Prices: A Theoretical Analysis"* (Grade: 5/5, Excellent)

University of Helsinki Helsinki, Finland
Non-degree studies in Mathematics 2018 - 2021

- Took courses in e.g. real analysis, topology, and measure theory.

WORKING PAPERS

New Evidence on the Effect of Technology on Employment and Skill Demand [\[link\]](#)

with Aapo Stenhammar and Joonas Tuhkuri, April 2022.

*Under revision for the **Quarterly Journal of Economics***

- Paper included in the following programs: AEA 2023, Econometric Society European Winter Meeting 2022, CESifo/ifo Junior Workshop on Big Data 2022, NBER SI 2022 (IT&D), AI-Econ Lab 2022, Nordic Summer Institute in Labor Economics 2022
- Featured in The Economist ([article](#), [leader](#)) and [Wired](#).

POLICY REPORTS

Policy Brief: New Evidence on the Effect of Technology on Employment and Skill Demand (in Finnish) [\[link\]](#)

with Aapo Stenhammar and Joonas Tuhkuri, April 2022.

- Featured in 20+ Finnish newspapers and media outlets (e.g. [Taloussanomat](#), [Tekniikka & Talous](#)).

In Search of Upcoming Supply Chain Surprises: The World Export Market Shares of Belarus, Russia and Ukraine [\[link\]](#)

with Jyrki Ali-Yrkkö and Petri Rouvinen, March 2022.

- Featured in 10+ Finnish newspapers and media outlets (e.g. [Kauppalehti](#), [Talouselämä](#)).

The Significance of Russia for Finnish Companies (in Finnish) [\[link\]](#)

with Jyrki Ali-Yrkkö and Aki Kangasharju, March 2022.

- Featured in 40+ Finnish newspapers and media outlets (e.g. [YLE](#), [HS](#), [MTV](#), [KL](#), [Talouselämä](#)).

WORK IN PROGRESS

Business Development Grants in Disruptive Times

with Otto Kässi and Olli Ropponen.

We analyze the effect of business development subsidies granted by Business Finland during the covid-19 pandemic. Our main research design utilizes the random assignment of cases to officials in constructing a judge leniency measure, which provides exogenous variation in the probability of receiving a subsidy. We focus on central firm-level outcomes, along with tracking the effects of the subsidies on incumbent workers.

- Conference presentations: EUROFRAME 2022

EMPLOYMENT

Etla Economic Research Helsinki, Finland
Researcher 2022 - Present

- Research on topics around firm innovation and resilience.

Etla Economic Research Helsinki, Finland
Research Trainee 2019 - 2021

- Research on the effects of new technologies on skill demand and employment.

Aalto University Espoo, Finland
Research Assistant for Professor Otto Toivanen 2019

- Research on pharmaceutical market competition in the Nordic countries.

Aalto University Espoo, Finland
Teaching Assistant 2019, 2020

Intermediate Microeconomics, Microeconomics: Pricing and Strategy, Money and Banking

PRESENTATIONS

AI-Econ Lab, The Impact of AI on White Collar Work 2022
Ministry of Economic Affairs and Employment in Finland 2022
EUROFRAME 2022
Etla Economic Research Seminar Series 2021

GRANT AND AWARDS

Fulbright Scholarship 2021
For completing a doctoral degree in the U.S., \$25,000 (declined)

Foundation for Economic Education 2021
Co-recipient for research funding, €18,000

COMPUTER SKILLS

Python, Stata, C, Java, Git

LANGUAGES

English (fluent), Finnish (native), German (basic), Swedish (basic)

OTHER

Aalto Economics Student Organization Espoo, Finland
Vice President 2020 - 2021

The Finnish Defence Forces Helsinki, Finland
Conscript (compulsory one-year military service) 2016 - 2017