

Yisroel Cahn | Curriculum Vitae

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Work History

New York University
Postdoctoral Lecturer

New York, NY
Summer 2022 - Present

Education

Emory University
Ph.D. Economics

Atlanta, GA
Fall 2017 - Spring 2022

Dissertation: "Essays in Labor Economics and Econometrics"
MA Economics

Fall 2017 - Fall 2020

University of Maryland, Baltimore County
BS Mathematics, BA Economics, & Statistics Minor

Catonsville, MD
Fall 2013 - Fall 2016

Research Interests

Labor Economics, Econometrics, Machine Learning

Research

Job Market Paper 📄

- "Estimating Jointly Determined Outcomes: How Minimum Wage affects Wages and Hours Worked"

Recent proposals to raise the U.S. Federal minimum wage to \$15 an hour are designed to improve the welfare of low-wage workers, but may involve important economic trade-offs. Although the effects of minimum wage on employment and wages have been well studied, little is known about its effects on hours worked which may be responsive to minimum wage changes. One reason for the lack of research is that hours are only observed for those who are employed, but workers could be exiting or entering the market and biasing the results. I fill this gap in the literature by employing a Heckman-type selection model to estimate the effects of minimum wage on hours worked, accounting for possible employment effects. Using U.S. Current Population Survey data, I found that increases to the minimum wage increased the hours worked of low-wage workers. However, I also found that the effects varied by industry—fast food and accommodation service workers saw their hours decrease while most other industries' minimum wage workers saw their hours increase, suggesting that market structure could be causing these findings. Additionally, individuals earning different wages and working a different number of weekly hours are likely affected differently by minimum wage changes. I propose a new method to estimate jointly determined outcomes, showing that hours and wages both increased for low-wage workers.

Work in Progress

- "On Measures of Inequality and Distribution of Outcomes" (with Esfandiar Maasoumi)
R&R Journal of Economic Literature
- "Who Needs Help: Off-the-shelf Machine Learning Methods to Predict Income Mobility" (with Esfandiar Maasoumi)
- "Prediction Error Decomposition with Structural Models"

Academic Experience

Emory University, Department of Economics

- *Research Assistant*
 - Caroline Fohlin, Fall 2018
 - Evan Saltzman, Spring 2020
- *Teaching Assistant*
 - Econ 101: Principles of Microeconomics, Fall 2019
 - Econ 220: Probability and Statistics for Economists, Spring 2019
 - Econ 320: Econometrics, Spring 2021
- *Lecturer*
 - Econ 101: Principles of Microeconomics, Summer 2020 (Evaluation: 8.02/9)
 - Econ 101: Principles of Microeconomics, Fall 2020 (Evaluation: 8.03/9)
 - Econ 101: Principles of Microeconomics, Fall 2021 (Evaluation: 7.91/9)

New York University, Department of Economics

- *Lecturer*
 - Econ UA-2: Introduction to Microeconomics, Summer 2022 (Evaluation: 4.8/5)

Conferences

Presented

- Society of Labor Economists annual conference, May 2021
- Summer School on Socioeconomic Inequality poster session, June 2021
- Asian Meeting of the Econometric Society, June 2022

Service

Refereeing

- *Empirical Economics*

Skills

Programming Languages and Frameworks

Python, R, Stata/Mata, Matlab, Julia, C++, SQL, Maple, \LaTeX , Git/Github

Honors and Awards

Honors College Scholar, University of Maryland, Baltimore County

Laney Graduate School Full Scholarship, Emory University

References

Esfandiar Maasoumi

Arts and Sciences Distinguished

Professor of Economics

Emory University

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Evan Saltzman

Assistant Professor

Emory University

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Ruixuan Liu

Assistant Professor

Emory University

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