

# SOPHIA SCAGLIONI MELEGARI

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## Education

### Post-Baccalaureate Mathematics Courses

2024 - 2025

*Forthcoming*

*University of Indiana*

### Boston University

2018 - 2022

*BA in Economics, BA in Political Science with Honors*

*3.86/4.0 GPA, Magna Cum Laude*

## Employment

### Massachusetts Institute of Technology

July 2024 – July 2026

*Pre-doctoral Research Fellow in Economics*

*Cambridge, MA*

- Incoming Summer 2024

### OpenResearch Lab

May 2023 – July 2024

*Quantitative Researcher and Technical Project Manager*

*San Francisco, CA*

- Provided research assistance to a multidisciplinary team of PIs (3 Economists and 2 Political Scientists) on the most comprehensive randomized controlled trial of unconditional cash transfers in the U.S.
- Co-lead technical project management of predefined analyses, administrative data integration, and process documentation to facilitate the submission of working papers to NBER
- Employed advanced statistical methods such as LASSO regressions for variable selection, and False Discovery Rate control to manage multiple hypothesis testing errors in statistical analysis.

## Research Projects

### Does Income Affect Health?

May 2023 – July 2024

*Research Assistant to Sarah Miller, et al.*

*OpenResearch Lab*

- Responsible for cleaning and integrating participant outcomes related to health, including access to health care and app-collected nutrition diary data

### The Employment Effects of a Guaranteed Income

May 2023 – July 2024

*Research Assistant to Eva Vivalt, et al.*

*OpenResearch Lab*

- Contributed to dataset creation and analysis for outcomes of the unconditional cash transfer study relating to employment choices, intrahousehold composition, job amenities, and job preferences

### What Can Money Buy?

May 2023 – July 2024

*Research Assistant to Alex Bartik, et al.*

*OpenResearch Lab*

- Integrated administrative data on participant assets, and supported the creation and analysis of topics related to subjective well-being, consumption, and financial health of recipients of a basic income

### American Corporate Political Activity by Revealed Preference

March 2021 – January 2022

*Undergraduate Honors Thesis*

*Boston University*

- Created an original dataset of scraped-board member data, lobby spending, and PAC donations for firms in the SP500
- Developed and implemented a methodology to clean, aggregate, and analyze data to model relative spending
- Single authored paper, defended findings, and presented at poster session for Honors program

## Honors and Awards

### Best Undergraduate Thesis in Political Science

May 2022

*American Corporate Political Activity by Revealed Preference*

*Boston University Department of Political Science*

## Skills

**Coding Languages:** R, Stata, Python, JavaScript, CSS, HTML

**Clouds & Databases:** Azure, PostgreSQL

**Visualization & Formatting Tools:** Tableau, LaTeX, Microsoft Office

**Spoken Languages:** English (Native, US Citizen), Italian (Fluent, Italian / EU Citizen), Spanish (Professional and conversational proficiency)