

Maria Milosh

Policy Analyst and Data Scientist

mariyamilosh@gmail.com

EDUCATION

University of Chicago 2020 - 2022

MSc in Computational Analysis & Public Policy

Coursework: experimental economics, statistics, causal inference, machine learning, program evaluation, development economics

Higher School of Economics 2014 - 2018

BA in Political Science

SKILLS

Data Analysis: R (8+ years), Stata, Python, QGIS, SQL

Quantitative Methods: Econometrics, experiment design, survey research

Collaboration: GitHub, Slack, Airtable

Languages: English (fluent), Russian (fluent), French (B2), Ukrainian (B1)

RESEARCH & WRITING

M. Milosh, M. Painter, K. Sonin, D. Van Dijke, A. Wright [“Unmasking partisanship: Polarization undermines public response to collective risk”](#). Journal of Public Economics, 2021.

Covered in [VoxEU](#) and [Washington Post](#).

[NYC Metro 2020 Housing Production](#) for the NYC Department of City Planning

Impact evaluation and data analysis expert with 5+ years of experience in public policy research, program coordination, and stakeholder engagement. Skilled in econometrics, survey design, and capacity building, with a strong foundation in evidence-based policymaking.

EXPERIENCE

City Research Scientist

NYC Office of Labor Policy & Standards

since June 2022

- Conducted analysis to support local labor protections and the novel minimum wage rate, focusing on NYC's gig-economy
- Presented complex research findings to nontechnical audiences

Coding it Forward Fellow in Data Science

NYC Department of City Planning

June – Sept 2021

- Supported City's efforts to address the housing crisis and inform urban planning by collecting and analyzing housing production data for the last 40 years in NYC Metro region
- Collaborated across city agencies and the Census Bureau for data-sharing and accessibility

Data Science Intern

World Bank DIME

March 2021 – Sept 2021

- Built machine learning (NLP) pipelines to develop internal dashboard for survey sharing and streamline data access for economic development research
- Implemented reproducible workflows using Python and GitHub, enhancing collaboration and transparency

Research Professional

Becker Friedman Institute for Economics

June 2019 – Sept 2020

- Co-authored a top-tier journal publication assessing the effectiveness of government mask mandates using micro-level survey data
- Conducted data analysis and supported econometric research on violent conflict, economic development, collective response to policy
- Collaborated with international teams and research assistants

Research Assistant

NYU Social Media & Political Participation Lab May 2017 – May 2018

- Supported analysis of social media data to study disinformation on Twitter (X), created guidelines for reproducibility