

# MARIA NAREKLISHVILI

## CONTACT INFORMATION

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## PERSONAL INFORMATION

Citizenship: Georgian

Born: 30.07.1994

## RESEARCH INTERESTS

Causal Structural Methods, Machine Learning, Econometrics

## EDUCATION

2021 – 2022	Ph.D. Economics, Visiting Researcher, University of Chicago
2018 – 2022	Ph.D. Economics, University of Oslo Thesis topic: <i>Structural Networks in Observational Data.</i> Supervisors: Knut Røed (Ragnar Frisch Centre for Economic Research), Edwin Leuven (Department of Economics, University of Oslo)
2016 – 2018	M.Phil. Economics, University of Oslo Frisch Scholarship Scholarship in Advanced Research and Methods
2012 – 2016	B.A. Business Administration, Østfold University College and Tbilisi State University

## PROFESSIONAL EXPERIENCE

2017 – 2018	Teaching Assistant – ECON4120 – <a href="#">Calculus and Linear Algebra 2</a>
2017 – 2018	Teaching Assistant – ECON2610 - <a href="#">Welfare and Trade</a>
2015 – 2016	Research Assistant – Østfold University College

## PRESENTATIONS AND TALKS

2022	California Econometrics Conference [ <a href="#">Link</a> ]
2021	European Society for Population Economics (ESPE conference)
2021	European Association of Labor Economics (EALE conference)
2020	Statistics Norway, Research Seminar
2020	University of Oslo, Ph.D. Seminar
2020	STEM Talks (International Society of Georgian Scientists) [ <a href="#">Link</a> , in Georgian]
2018, 2019, 2020	Ragnar Frisch Centre of Economic Research, Research Seminar

## WORKING PAPERS

1. Adaptive Partial Identification of Treatment Effects
2. A Test for Instrument Validity: Applications to the Returns to Schooling
3. Deep Ensemble Transformers (with Marius Geitle)
4. Deep Partial Least Squares for IV Regression (with Nicholas Polson and Vadim Sokolov) [[arXiv](#)]

## WORK IN PROGRESS

5. The Parameter-Tailored Loss Functions in Neural Networks (with Nicholas Polson and Vadim Sokolov)
6. Heterogeneous Treatment Effects with the Truncated Outcome Variable (with Nicholas Polson and Vadim Sokolov)
7. Anomaly Detection with Causal Forests (with Omkar Katta)
8. Overeducation and the Occupational Mismatch in the Labor Market (with Knut Røed and Simen Markussen)
9. Oil Price Shock and Low-Carbon Transition (with Elisabeth Isaksen & Cloe Garnache)

## SOFTWARE

R, Python – Excellent Knowledge

SQL, Octave, Stata, LaTeX, Tableau – Good Knowledge

## LANGUAGES

English – Proficient

Norwegian – B2, Bergenstesten Bestått

Russian – Proficient

Georgian – Native

## REFERENCES

Nils Christian Framstad – Professor of Mathematics, Department of Economics, [n.c.framstad@econ.uio.no](mailto:n.c.framstad@econ.uio.no)

Jim Savage – Senior Manager, Data Science, Schmidt Futures, [javage@gmail.com](mailto:javage@gmail.com)