MARIA NAREKLISHVILI

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INTERESTS

Econometrics and Statistics; Randomized and Natural Experiments; Microeconometrics

CURRENT POSITIONS

(2024–2025): Postdoctoral Fellow, Stanford University (GSB), Golub Capital Social Impact Lab
Faculty Supervisor: Susan Athey
(2025–present): Research Affiliate, Golub Capital Social Impact Lab, Stanford University
(2025–present): Assistant Professor in Econometrics, University of Glasgow, Adam Smith Business School

PUBLIC SERVICE

(2024–present): Committee member, Royal Statistical Society, Emerging Applications Section
(2024–present): External Examiner, Department of Computer Science, Østfold University College

EDUCATION

(2021–2022): Visiting Ph.D. Researcher, University of Chicago
Specialization: Econometrics
(2018–2023): Ph.D. Economics, University of Oslo
Specialization: Econometrics
(2016–2018): M.Phil. Economics, University of Oslo
Major: Mathematical Economics
(2012–2016): B.A. Business Administration, Østfold University College and Tbilisi State University
Major: Quantitative Economics
Summa cum laude; merit scholarship recipient

WORKING PAPERS

Debiased Conditional Independence Tests for Causal Effects (with Susan Athey and Jann Spiess) [Link]

Inference with Multi-Outcome Random Forest [Link]

Generative Modeling: A Review (with Nicholas Polson, Vadim Sokolov) [Link]

PUBLICATIONS

(2026) Labor Market Impacts of the Green Transition: Evidence from a Contraction in the Oil Industry (with Cloe Garnache and Elisabeth Isaksen)
Accepted at the Journal of the European Economic Association [Link]

(2026) Generative Learner for Distributional Causal Effects (with Nicholas Polson and Vadim Sokolov)
Accepted in Machine Learning [Link]

(2024): Overeducation and economic mobility (with Knut Røed and Simen Markussen)
Economics of Education Review [Link]

(2024): Deep ensemble transformers for dimensionality reduction (with Marius Geitle)
IEEE Transactions on Neural Networks and Learning Systems [Link]

(2023): Partial least squares for instrumental variable regression (with Nicholas Polson and Vadim Sokolov)
Applied Stochastic Models in Business and Industry [Link]

WORK IN PROGRESS

Generative Inference for Observational Data (with Nicholas Polson and Vadim Sokolov)

Non-Compulsory Education and the Distribution of Economic Returns (with Knut Røed and Simen Markussen)

Feature Selection for Personalized Policy Analysis (with Nicholas Polson and Vadim Sokolov)

TEACHING

(2025): Econometrics 2 (graduate), University of Glasgow

(2022 - 2023): Data Science for Economists (graduate), University of Oslo

(2017 - 2018): Calculus and Linear Algebra 2 (graduate), University of Oslo

OTHER PROFESSIONAL EXPERIENCE

(2022 - 2023): Research Scientist, Schibsted Norway As, Distribution Innovation

(2015 - 2016): Research Assistant, Applied Econometrics, Østfold University College

SCHOLARSHIPS AND GRANTS

(£3000): ASBS Esteem Building Grant

(200,000 NOK): Overseas Research Grant for Young Researchers Abroad, Research Council of Norway

(120,000 NOK): UNIFOR Scholarships for the Research Stay Abroad

(50,000 NOK): Frisch Scholarship, Scholarship for Advanced Research Methods

PRESENTATIONS AND TALKS

(2026): NISS-CANSSI Collaborative Data Science workshop

(2025): Stanford Metrics Lunch; International Conference on Computational Social Science (IC2S2); RSS International Conference

(2024): Federal Reserve Bank of Philadelphia, Stanford University, Dalhousie University; University of Cambridge, University of Glasgow; University of Leicester, University of Birmingham, University of Liverpool, University of Innsbruck, University of Amsterdam, Erasmus University Rotterdam, Monash University, University of Melbourne

(2023): University of Southern Denmark, University of Aarhus, The University of Oslo

(2022): International Society of Georgian Scientists, SIMULA@BI

(2021): Statistics Norway, Ragnar Frisch Centre of Economic Research

REFERENCES

Alexander Torgovitsky
Professor in Economics
University of Chicago
Chicago, Illinois, USA
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Stephane Bonhomme
Professor in Economics
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Edwin Leuven
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Nicholas Polson
Professor in Statistics
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DISSERTATION COMMITTEE MEMBERS

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CEMFI
Madrid, Spain

Jo Thori Lind
Professor in Economics
University of Oslo
Oslo, Norway

REFEREE

IEEE Transactions on Neural Networks and Learning Systems; International Journal of Forecasting

SOFTWARE AND SERVICES

AWS Cloud Services (sagemaker, step functions, s3, dynamodb, glue jobs, redshift, lambda, ssm)
R (data cleaning, analysis, machine learning libraries),
Python (pyspark, boto3, tensorflow, pytorch, ML libraries),
SQL (aggregate functions, joins, basic SQL engineering),
LaTeX,
Tableau,
C (basics, learning)

LANGUAGES

English (Proficient); Norwegian (Proficient, Bergenstesten Bestått); Russian (Proficient); Georgian (Native)

Updated: February, 2025