

# Georgii Marinichev

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## EDUCATION

Massachusetts Institute of Technology, Cambridge, MA  
PhD in Economics

Aug. 2026 –

New Economic School & Higher School of Economics, Moscow  
HSE/NES Joint Programme in Economics (BAE'26)

Sept. 2022 – June 2026  
*Summa Cum Laude*

## PUBLICATION

**Contract Enforcement in a Stateless Economy**, Journal of Development Economics, 2026, 182, 103802  
*with S. Mehmood, S. Khalid, M. Kudaeva, and D. Chen.*

Studies how informal institutions sustain contract enforcement absent formal state capacity, combining a field setting in Pakistan with causal estimation.

## WORK IN PROGRESS

**Schools and Violence: Regression Discontinuity Evidence from Pakistan**  
*with S. Mehmood and F. Ur-Rehman.*

Measures the effect of school expansion on local militancy using newly digitized historical records and village-level RDD.

**State Capacity under the Sun**  
*with S. Mehmood*

Studies how access to cheap renewable electricity can increase provision of government services.

**Rapid AI Development and Delayed Productivity: Theory and Evidence from GitHub Copilot**

Develops a model of AI-driven technological change that affects task composition and tests its implications using data on developer productivity following the rollout of GitHub Copilot.

## RESEARCH EXPERIENCE

**Applied Microeconomics RA:** Prof. Sultan Mehmood in projects with A.M. Mobarak, E. Ash (2023–2026), Political Economy, Development Economics and AI in Public Sector; Prof. Dzhamilya Nigmatullina (2024–2026), International Trade.

**Econometrics RA:** Prof. Kirill Borusyak (2025–2026), Developed an econometric package for Python, Assessed Estimators using Monte Carlo simulations

## DEVELOPED PACKAGES

**DiD Imputation for Python** with Kirill Borusyak

## TEACHING

**Teaching Assistant, HSE&NES** (2023–2026): Microeconomics 1–2, Econometrics, Applied Microeconometrics, Differential Equations, Intro to Economics.

**Teaching Assistant, Skolkovo Business School and Central University** (2025): Math for Economists, Applied Microeconometrics

## TECHNICAL & LANGUAGE SKILLS

**Programming:** Stata, Python (scikit-learn, PyTorch, transformers, CatBoost), R.

**Other:** L<sup>A</sup>T<sub>E</sub>X, QGIS, SQL/SPARQL.

**Languages:** English (advanced), German (intermediate), Russian (native).

## AWARDS

|                                                            |      |
|------------------------------------------------------------|------|
| Bachelor of Excellence                                     | 2026 |
| Excellent Bachelor Thesis Award                            | 2026 |
| MSU Econometric Olympiad, prize winner                     | 2025 |
| National Olympiad, Diploma in Economics and Social Science | 2022 |