Guzel Ishmaeva

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Education

New York University, Ph.D. in Economics *2020 – 2026 (Expected)*
Fields: Empirical Industrial Organization, Microeconomic Theory, Experimental Economics

National Research University Higher School of Economics, M.A. in Economics *2017 – 2019*

National Research University Higher School of Economics, B.A. in Economics *2013 – 2017*

References

Martin Rotemberg
Department of Economics
New York University
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Paul Scott
Department of Economics
NYU Stern School of Business
ptscott@nyu.edu

Chris Conlon
Department of Economics
NYU Stern School of Business
cconlon@stern.nyu.edu

Awards and Scholarships

Dean's Dissertation Fellowship - New York University *2025*
CV Starr Center Research Funding - New York University *2025*
Henry M. MacCracken Fellowship - New York University *2020*

Research Experience

- **Time Competition for the News**

– Built a novel dataset on Telegram tracking publications from the top 77 news outlets and applied Topic Detection and Tracking to identify news events and measure reporting speed.
– Applied natural language processing (NLP) methods, clustering algorithms, and topic modeling (Latent Dirichlet Allocation) to classify ideological slant and measure horizontal differentiation among outlets.
– Employed a Difference-in-Differences approach to examine the impact of Telegram's recommendation system on ideological positioning, showing increased slant in response to heightened competition.
– Developing structural demand and supply models to assess reporting speed's impact on outlet performance and the platform's role in ideological differentiation through counterfactual analysis.

- **Echo Chambers: Slant and Reader Exposure in Russia's Telegram News** (with Michele Valinoti)

– Designed a survey to collect individual-level data on news consumption patterns, ideological positions, and awareness of key events, aiding in the analysis of ideological segregation.
– Applied language analysis and machine learning to study framing and ideological slant in news content.

- **The Limits of Propaganda with Strategic Communication**

– Developed a random matching model with heterogeneous agent beliefs, where individuals decide whether to support the government when its quality is unknown. Propaganda biases public signals, influencing their decisions.
– Analyzed comparative statics, showing that higher average influence reduces awareness or increases propaganda, while a greater inequality in influence can enhance awareness.

Teaching Experience

Summer Instructor, NYU (Industrial Organization, UG, *2023, 2024*)
Teaching Assistant, NYU (Microeconomics, MA, *2024*; Industrial Organization, UG, *2022, 2023*; Introduction to Microeconomics, UG, *2021*)

Other Relevant Experience

Research Assistant *2018 – 2021*
3-year Russian Science Foundation Grant, National Research University Higher School of Economics

Skills

Languages: Russian (native), English (fluent), **Softwares:** Python, SQL, R, Matlab, Stata, LaTeX.