

ANTON NIKOLAEV

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EDUCATION

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| Bachelor of Science in Economics Lomonosov Moscow State University, Moscow. | 2018 - 2023 |
| Master in Economic Policy Lomonosov Moscow State University, Moscow. | 2023 - 2025 |

RESEARCH INTERESTS

Primary: Applied Microeconomics, Labor Economics, Demography
Secondary: Panel-Data Econometrics, Spatial Econometrics.

TEACHING AND RESEARCH EXPERIENCE

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| Senior Analyst Department of Health Economics, Russian Institute of Health, Moscow. | 2025- |
| Research Fellow Academic Department, Skolkovo Moscow Business School, Moscow. | 2024-2025 |
| Research Teamlead (Engineer), Econometrics project Economic Faculty, Lomonosov State University, Moscow. | 2024- |
| Leading Expert, Business cycle statistics Institute for Statistical Studies and Economics of Knowledge, Higher School of Economics, Moscow. | 2023 |
| Junior Teaching Assistant (Econometrics) NES-Higher School of Economics, Moscow. | 2022-2023 |
| Teacher of Advanced Economics Various Moscow State Schools (1310, 57, 1536, 1535), Moscow. | 2020-2022 |
| Junior Research Assistant Research Seminar(lab) in Demography and simulation models- Lomonosov Moscow State University, Moscow. | 2018 |

SELECTED PAPERS

What kind of family in Russia lives well? A study of the relationship between family decision-making and well-being. *Demographic Review*, 11(3), 102-120. with Y. Omelchenko
<https://doi.org/10.17323/demreview.v11i3.22717>

Brief: This paper examines the relationship between decision-making processes in Russian households and their well-being. The main focus is on the distribution of influence between spouses when making decisions and how this can affect the socio-economic well-being of the family. Using data from the Russian Longitudinal Monitoring Survey (RLMS) conducted by HSE University from 2006 to 2010, the authors analyze the extent of husbands' and wives' influence on decision-making in various aspects of family life, such as savings management, everyday and large purchases, employment, children's education and leisure time. It was found that families in Russia where men are more involved in household responsibilities have a higher logarithmic income. At the same time, families with a patriarchal management pattern assess their social status more positively. The authors do not observe a significant contribution of the distribution of influence between spouses in decision-making to life satisfaction at the household level. Overall, equal participation of spouses in decision-making contributes to an improvement in overall well-being through increased income.

Epidemic Engines: A Study of the Factors Driving HIV Infection Spread and Mortality in the Regions of the Russian Federation(Diploma thesis). *Population&Economics*, 9(1), 75-96, doi: 10.3897/popecon.9.e118182

Brief: This study examines the socio-economic determinants of the HIV epidemic (mortality and morbidity) across Russian regions. Using principal component analysis to reduce dimensionality and identify grouped factors, the research analyzes data from Form №61 "HIV Monitoring" (2012–2019). The findings identify 10 key socio-economic determinants and quantify their statistical relationships with HIV morbidity and mortality. Significant factors include mobility, access to antiretroviral therapy (ART), and cumulative prevalence, mirroring trends in other countries with active epidemics. The study provides insights for targeted policy interventions to address the regional disparities in the HIV epidemic.

RESEARCH IN PROGRESS

The relationship between the probability of developing diabetes and behavioral factors: Evidence from Russia, with N. Kalmykova, Y. Chevachin *In review in Population&Economics*

Brief: This study analyzes the determinants linking diabetes risk to behavioral factors across Russian regions using LASSO regression on data from 2013–2019. Key socio-economic and behavioral determinants of diabetes prevalence by type were identified, including lifestyle, access to healthcare, prior medical history, and dietary patterns. The findings align with international evidence from countries with high diabetes prevalence, emphasizing the importance of targeted interventions. The research provides actionable insights for addressing the economic and health.

Potential Effects of Artificial Intelligence Penetration on the Labor Market for Graduates in Economic Specialties: Evidence from Russia with A. Litvinova, A. Martseniuk, M. Maloian *In progress*

Brief: This study analyzes the impact of artificial intelligence (AI) on the labor market for economics graduates in Russia using econometric methods, including latent class and finite mixture models. Drawing on data from the "TrudVsem" portal (2018–2022), it identifies how AI integration influences job requirements, salary structures, and demand for technical skills like Python and SQL. The results reveal that AI competencies command higher wages in the private sector, but align with lower salaries in public roles. The study emphasizes the growing importance of technical adaptability for economic professionals and provides actionable insights for aligning education and policy with the demands of AI-driven labor markets.

Measure Twice, Pay Once? Examining the Effectiveness of Energy Efficiency Improvement Tools in Russia with K. Molchanova *In review in Moscow University Economics Bulletin*

Brief: This study employs panel data fixed effects models and statistical analysis on regional data (2017–2022) to evaluate energy efficiency tools in Russia's housing sector. Results confirm the significant impact of metering devices on reducing energy consumption, while highlighting barriers such as low adoption rates and regulatory gaps. Policy recommendations include economic incentives and addressing regional disparities to enhance sustainability outcomes.

PUBLIC SERVICE

All-Russian Olympiad in Economics, regional step, junior adjudicator: 2021

Moscow Olympiad in Economics, final step, deputy chief of conflict commission, senior adjudicator: 2021.

Population&Economics Journal, reviewer: 2024 - .

CONFERENCES

Yasin Conference in Social Science - 2022, participant

Lomonosov Conference in Economics - 2021, 2023, 2024, 2025, demography section, participant, prize winner

MSSES Vector Conference - 2023, social science section, participant

REC-congress - 2023, young scientist section, prize winner

iCEBA - 2023, Labour economics section, participant

7th Student Conference in AI, HSE - Nizhniy Novgorod - 2024, 1st prize winner

15th International Conference in Statistical Methods in Economics and Society, HSE - 2024

iCEBA - 2024, Labour economics section , participant

Novosibirsk MNSK conference - 2025, regional and spatial economics section, prize winner

WORKSHOPS

3rd Pacific School in Behavioral and Experimental Economics - 2023, participant

Workshop in Finance by Ministry of Finance of the Russian Federation -2022, participant

1st Pacific School in Behavioral and Experimental Economics - 2021, participant

InLiberty foundation workshop in Economic Theory - 2021, participant

SCHOLARSHIPS

Scholarship for Academic Excellence - 2023 - 2025

D. Valentey Memorial Scholarship for Demographic Research, 2024-2025

Grand Scholarship for Academic Excellence - 2025

OTHER SKILLS

Languages: Russian(native), English (advanced), German (intermediate), Italian (beginner)

Software: Python, R, Stata, IBM SPSS Statistics, Matlab, L^AT_EX, skills in C, Eurace, Anylogic, Wolfram Mathematica, SQL, QGIS, Julia