

ELIZAVETA PRONKINA

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ACADEMIC AND PROFESSIONAL APPOINTMENTS

Economist II – Amazon, People Experience & Technology Central Science Team 2023–*Present*, France

- Conduct applied economic research evaluating organisational policies affecting more than 1.5 million employees worldwide.
- Designed and productionised causal inference and generative AI models to evaluate market-facing policies and inform senior leadership decisions, reducing manual effort by 90%.
- Translate empirical findings into recommendations for Vice Presidents and Directors, informing global workforce strategy.
- Collaborate with HR, Finance, Legal, and Operations leaders and with economists, data scientists, engineers, and behavioural scientists to develop scalable analytical tools.
- Mentor early-career scientists, supervise economist interns, and deliver training on causal inference and AI.

Adjunct Professor – ENSAE Paris 2025–*Present*, France

- Designed and teach the graduate course *Artificial Intelligence for Business Decisions*, integrating machine learning, large language models, causal reasoning, and practical AI tools.
- Course connects LLM applications with business strategy.
- Student evaluations: 95% overall satisfaction, 100% pedagogical quality, and 95% course interest.

Economist – Amazon, Employee Experience & Relations Science Team 2022–2023, France

- Estimated the effects of organisational interventions and identified drivers of employee experience.

Postdoctoral Researcher – Université Paris-Dauphine – PSL 2021–2022, France

- Conducted cross-country applied research for the European Commission-funded SHARE-COVID19 project using survey microdata on adults aged 50 and older.
- Studied housing, well-being, vaccination, and socio-economic outcomes, resulting in peer-reviewed articles and book chapters.

Academic Instructor – Universidad Carlos III de Madrid 2017–2021, Spain

- Taught graduate Microeconometrics and Game Theory and undergraduate Microeconomics, Economics of Education, and Advanced Mathematics; ranked in the top 5% for teaching excellence.

EDUCATION

Ph.D. in Economics – Universidad Carlos III de Madrid 2021, Spain

- Dissertation: *Three Essays in Empirical Public Economics*; awarded *Cum Laude*.

M.A. in Economic Analysis – Universidad Carlos III de Madrid 2017, Spain

M.A. in Economics – New Economic School 2015, Russia

B.A. in Economics – Lomonosov Moscow State University 2012, Russia

RESEARCH INTERESTS

Quantitative Marketing; Digital Economics; Artificial Intelligence and Economic Decision-Making; Labour and Personnel Economics; Health Economics.

PEER-REVIEWED PUBLICATIONS

Michael Luca, **Elizaveta Pronkina**, and Michelangelo Rossi (2026). “The Evolution of Discrimination in Online Markets: How the Rise in Anti-Asian Bias Affected Airbnb During the Pandemic.” *Marketing Science*, 45(1), 108–122.

Elizaveta Pronkina, Inés Berniell, Yarine Fawaz, Anne Laferrère, and Pedro Mira (2023). “The COVID-19 Curtain: Can Past Communist Regimes Explain the Vaccination Divide in Europe?” *Social Science & Medicine*, 321, 115759.

Inés Berniell, Anne Laferrère, Pedro Mira, and **Elizaveta Pronkina** (2023). “Robinson Crusoe: Less or More Depressed? With Whom and Where to Live in a Pandemic if You Are Above 50.” *Review of Economics of the Household*, 21(2), 435–459.

Eric Bonsang and **Elizaveta Pronkina** (2023). “Family Size and Vaccination among Older Individuals: The Case of COVID-19 Vaccine.” *Economics & Human Biology*, 50, 101256.

Telmo Pérez-Izquierdo and **Elizaveta Pronkina** (2023). “Behind the Curtain: How Did Women’s Work History Vary across Central and Eastern Europe?” *Economics of Transition and Institutional Change*, 31(2), 465–489.

Jesús M. Carro and **Elizaveta Pronkina** (2022). “The Heterogeneous Effects of the Great Recession on Informal Care to the Elderly.” *International Journal of Health Economics and Management*, 22(4), 355–367.

WORKING PAPERS

Chiara Belletti, **Elizaveta Pronkina**, and Michelangelo Rossi (2024). “Rating Systems and the End-Game Effect: When Reputation Works and When It Doesn’t.” *CESifo Working Paper*, 2026.

Elizaveta Pronkina and Daniel I. Rees (2022). “Predicting COVID-19 Vaccine Uptake.” IZA Discussion Paper.

EXTERNAL PUBLICATIONS

Michael Luca and **Elizaveta Pronkina** (2022). “Ensuring Your Products Aren’t Used for Discrimination.” *Harvard Business Review*, Digital Article.

BOOK CHAPTERS

Yarine Fawaz, Anne Laferrère, Pedro Mira, and **Elizaveta Pronkina** (2023). “Housing, Living Arrangements, and Contagion among Europeans Aged 50+.” In *Social, Health, and Economic Impacts of the COVID-19 Pandemic and the Epidemiological Control Measures: First Results from SHARE Corona Waves 1 and 2*.

Inés Berniell, Anne Laferrère, Pedro Mira, and **Elizaveta Pronkina** (2023). “Housing Conditions, Living Arrangements, and Mental Well-Being of Europeans Aged 50+: How the COVID-19 Pandemic Made a Difference.” In *Social, Health, and Economic Impacts of the COVID-19 Pandemic and the Epidemiological Control Measures: First Results from SHARE Corona Waves 1 and 2*.

INVITED SEMINARS AND TALKS

- **2023:** Toulouse Business School, France.
- **2022:** Swansea University, United Kingdom.
- **2021:** LEGOS, Université Paris-Dauphine – PSL, France; DIAL, Université Paris-Dauphine – PSL, France; Leibniz Institute for East and Southeast European Studies (IOS), Regensburg, Germany.

ACADEMIC CONFERENCES AND WORKSHOPS

- **2025:** HEC Paris AI and Entrepreneurship Workshop, Paris, France.
- **2024:** National Association for Business Economics (NABE Europe), London, UK.
- **2023:** National Association for Business Economics (NABE Europe), Berlin, Germany.
- **2022:** National Association for Business Economics (NABE), Seattle; European Public Choice Society Conference, Portugal; 11th Alpine Population Conference, Italy; Netspar Online International Pension Workshop.
- **2021:** EEA–ESEM Annual Congress, Denmark; Women in Economics Mentoring and Networking Retreat, Denmark; Association Francophone de Recherche en Économie du Numérique, France; Happiness and Age, International Centre for Economic Analysis, Canada; Dimensions of Well-Being, Poland; The Gender Gaps Conference, Poland.
- **2019:** ENTER Jamboree, Tilburg University, Netherlands (Discussant); 12th International Conference on Migration and Development, Spain (Discussant).

- **2018:** 43rd Symposium of the Spanish Economic Association (Organizing Committee).
- **2015:** 15th Annual International Conference on Sports: Economic, Management, Marketing & Social Aspects, Greece.

INVITED PANELS AND PROFESSIONAL CONFERENCES

- **2023-2025:** Amazon Economist Summit, Seattle (Presenter).
- **2024:** HR Policy Global's Latin America Summit, Miami, United States (Panel Participant); Consumer Science Summit, Seattle (Attendee).
- **2024:** HR Policy Global's European Summit, Sitges, Spain (Attendee).

RESEARCH VISITS

- **November 2021:** Center for Monetary and Financial Studies (CEMFI), Madrid, Spain.

TEACHING EXPERIENCE

ENSAE Paris

2025–Present

- Graduate level: *Artificial Intelligence for Business Decisions* (Course Designer and Instructor).

Universidad Carlos III de Madrid

2017–2021

- Graduate level: Microeconometrics; Game Theory.
- Undergraduate level: Microeconomics; Economics of Education; Advanced Mathematics.
- Course Organizer: Mathematics Preparatory Course (Ph.D. and M.A. levels).

AWARDS, GRANTS AND ACADEMIC DISTINCTIONS

- **2022:** Qualified for Maître de conférences, Section 05 (Economics), France.
- **2020:** Special Mention, III Nada Es Gratis Prize for Job Market Papers in Economics.
- **2016–2021:** FPI Research Grant, Spanish Government.
- **2018–2019:** Teaching Excellence Awards, Universidad Carlos III de Madrid.
- **2015–2016:** Full Scholarship and Tuition Waiver, M.A. in Economic Analysis, Universidad Carlos III de Madrid.
- **2009–2012:** Scholarship for Academic Excellence, Lomonosov Moscow State University.

REFeree SERVICE

Health Economics; Applied Economics; Population and Development Review; Comparative Economic Studies; Journal of Happiness Studies; Journal of Baltic Studies.

RESEARCH METHODS AND TECHNICAL SKILLS

Methods: Causal inference; field experiments; econometrics; machine learning and generative AI applied to platform markets and consumer data.

Artificial Intelligence: Generative AI; large language model applications; AI-assisted analytical workflows.

Programming and Tools: Python; Stata; SQL; AWS SageMaker; AWS Bedrock; AWS Lambda; AWS S3; QuickSight.