Ariel Boyarsky

Department Address

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Education

2021 - *Present* **Columbia University, Graduate School of Business**
Ph.D. in Decision, Risk, and Operations
Advisor: Prof. Hongseok Namkoong

2017 - 2019 **University of Chicago**
M.A. in Computational Social Science (Economics Concentration)

Research Interests

Causal Inference, Nonparametric Statistics, Statistical Learning Theory

Works in Progress

1. "Modeling Interference with Experiment Roll-out" with H. Namkoong and J. Pouget-Abadie (September, 2022)
2. "A Sieve Approach to Nonparametric Estimation of Exchangeable Networks: Examples from International Trade" (November, 2021)
3. "Adjusting Innovation: Firm-Level Responses to Trade Shocks" with S. Gozen (November, 2021)
4. "Robust Propensity Score Estimation and the Overlap Condition" (October, 2020)

Teaching Experience

Columbia University

Fall 2022 Teaching Assistant, B6100: Managerial Statistics

University of Chicago

Spring 2019 Teaching Assistant, Econ 21410: Computational Methods in Economics

Research Experience and Professional Employment

2019 - 2021 Research Assistant for Costas Arkolakis, Yale University

2017 - 2019 Part-time Research Assistant for Felix Tintelnot, University of Chicago

2018 Student Researcher, Becker-Friedman Institute, University of Chicago

2017 Data Science Intern, Pew Research Center

Research Grants and Awards (Selected)

2021 - 2026 Doctoral Fellowship, Graduate School of Business, Columbia University

2017 - 2019 Social Sciences Scholarship, University of Chicago

2018 Becker-Friedman Open Source Economics Summer Fellowship, University of Chicago

Conferences and Presentations

2022 INFORMS Annual Meetings, Applied Probability Flash Session
Title: "Modeling Interference with Experiment Rollout"

2019 Econometrics Session at Washington University in St. Louis Economics Graduate Conference
Title: "Estimating Propensity Scores and Testing Overlap using SVMs"

2019 Yale University Tobin Predoctoral Seminar
Title: "Semiparametric Propensity Score Estimation"

Skills

Programing Languages: R, Python, MATLAB, PHP, Java, C++, SQL, HTML/CSS
Computer Software: QGIS, Git, Mathematica, LaTeX
Languages: English (Native) and Russian (Proficient)

Last updated: September 2022