

JOÃO M. SOUTO MAIOR

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Ph.D. Candidate, Sociology of Education, New York University

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EDUCATION

- 2018 - 2023* Ph.D. Sociology of Education. New York University.
- Department of Applied Statistics, Social Science, and Humanities at the Steinhardt School of Culture, Education, and Human Development.
 - Dissertation: “School racial integration and students’ academic experiences: a simulation-based study of Black-White course-taking inequalities”.
 - Committee: L’Heureux Lewis-McCoy (chair); Samuel Lucas; Erez Hatna; Ravi Shroff.
 - * Expected graduation.
- 2017 - 2018* Ph.D. student, Economics. The Graduate Center, City University of New York.
- * Transferred after completion of first year (GPA: 3.66).
- 2014 - 2017 B.A. Economics with Mathematical Emphasis, University of Wisconsin-Madison.
- Certificate, Educational Policy Studies.

AREAS OF RESEARCH

Computational methods; agent-based-modeling; school organization; within-school racial and socioeconomic inequalities.

MANUSCRIPTS UNDER REVIEW

- João Souto-Maior.** “Black-White advanced enrollment inequalities and the share of White students in school: an agent-based modeling investigation”. Submitted: Jul., 2022.
- João Souto-Maior & Ravi Shroff.** “The limited role of academic preparedness in explaining Black-White enrollment disparities in advanced high school coursework”. Submitted: Jul., 2022.

MANUSCRIPTS IN PREPARATION

- João Souto-Maior.** “Determinants of race- and class-based educational inequalities within Brazilian high schools”. Expected submission: Aug., 2022.
- Working, publicly available, dashboard to communicate results to a non-academic audience [\[Link\]](#).
- Hank Sherwood, **João Souto-Maior**, Paul Poteat, Hirokazu Yoshikawa, Jerel Calzo. “Stepping out of the closet and into engagement: a quantitative analysis of outness, GSA engagement, and classroom engagement”. Expected submission: Sep., 2022.

PRESENTATIONS

Conference presentations

João Souto-Maior. “Black-White advanced enrollment inequalities and the racial composition of schools: an agent-based modeling investigation”. *American Sociological Association: Session on Mathematical and Computational Approaches to Studying Inequality*. 2022.

João Souto-Maior. “Black-White advanced enrollment inequalities and the racial composition of schools: an agent-based modeling investigation”. *The Seventh Joint US-Japan Conference on Mathematical Sociology and Rational Choice*. 2022.

Other presentations

João Souto-Maior. “Opportunity hoarding and Black-White inequalities in advanced enrollment: a simulation-based approach”. *Race and Ethnicity Workshop, New York University’s Department of Sociology*. 2021.

TEACHING

Laboratory instructor

2019 - 2021 Undergraduate Basic Statistics. NYU (5 semesters).

Discussion section instructor

2022 Qualitative Methods in International Education. NYU (Fall semester).

Seminar leader

2016 - 2017 Research, Creative Work and the Public Good. UW-Madison (4 semesters).

2015 - 2016 Research, Creative Work and at the Boundaries. UW-Madison (4 semesters).

SELECTED WORK EXPERIENCES

2021 - present Technical Reviewer. Journal of Education in Emergencies.

2018 - 2019 Research Assistant. Prof. Arun Sundararajan, NYU Stern School of Business.

2018 Research Assistant. Prof. Kathryn Moeller, UW-Madison School of Education, and Rebecca Tarlau, Stanford School of Education.

2015 - 2017 Research Assistant. Prof. Kathryn Moeller, UW-Madison School of Education.

FUNDING AND AWARDS

2022 NYU’s Dissertation Writing Grant.

2022 NYU’s Research & Travel Grant.

2022 Russell Sage Foundation, Summer Institute in Computational Social Sciences.

2018-2022 NYU’s Steinhardt Doctoral Fellowship.

2017-2018 CUNY Graduate Center Doctoral Fellowship.

2016 UW-Madison Margaret E. and Allard Smith Scholarship.

METHODOLOGICAL TRAINING

Statistical analysis

R and Stata	Graduate Econometrics I and II, The CUNY Graduate Center.
R and Stata	Causal Inference, NYU.
R	Statistical Analysis of Networks, NYU.
R	Multi-Level Modeling: Nested Data, NYU.

Computational methods for data analysis

R, Python	2022 Summer Institute in Computational Social Sciences, Duke University.
Python	Applied Data Analytics for Public Policy, NYU.
R	Data-Driven Methods for Policy Evaluation, NYU.
R	Building Learning Analytics Applications, NYU.

Mathematical and computational micro-level modeling

NetLogo	Introduction and Advanced Agent-Based Modeling, NYU.
Python	Graduate Microeconomic Theory I and II, The CUNY Graduate Center.

PROFESSIONAL SERVICE

2022 - present	Podcast Host. New Books Network (New Books in Education Channel).
2020	Technical Reviewer. American Sociological Association Annual Meeting (Sociology of Education Section).

PROFESSIONAL MEMBERSHIP

American Sociological Association (Mathematical Sociology Section).

REFERENCES

L'Heureux Lewis-McCoy, Associate Professor Sociology of Education, New York University (Doctoral advisor)	Email: lewismccoy@nyu.edu
Ravi Shroff, Assistant Professor Applied Statistics, New York University (Co-author and committee member)	Email: ravi.shroff@nyu.edu
Samuel Lucas, Professor Sociology, UC-Berkeley (Committee member)	Email: lucas@berkeley.edu
Erez Hatna, Clinical Associate Professor Global Public Health, New York University (Committee member)	Email: erezh51@gmail.com