

# JOÃO M. SOUTO MAIOR

CV—February, 2023

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

246 Greene St, Floor 3  
New York, NY 10003 (USA)  
Phone: +55 (11) 99376-1943

Email: [jms1738@nyu.edu](mailto:jms1738@nyu.edu)  
Website: [joaosoutomaior.com](http://joaosoutomaior.com)  
GitHub: [github.com/joaosoutomaior](https://github.com/joaosoutomaior)

## 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.  
- Diss: “Essays on the dynamics of Black-White advanced course-taking inequalities”.  
- Committee: L’Heureux Lewis-McCoy (chair); Samuel Lucas; Erez Hatna; Ravi Shroff.  
- Expected graduation: Summer 2023.
- 2018 - 2021    M.Phil. Sociology of Education, New York University.
- 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

---

School organization; Within-school racial and socioeconomic inequalities; Student sorting processes; Social interactions; Agent-based-modeling; Computational social science.

## MANUSCRIPTS UNDER REVIEW

---

- João Souto-Maior.** “Explaining the link between school racial composition and Black-White within-school inequalities: two interaction-based mechanisms”. *Under review. Draft available upon request.* 2023.
- João Souto-Maior & Ravi Shroff.** “The limited role of academic preparedness in explaining Black-White enrollment disparities in advanced high school coursework”. *Under review. Draft available upon request.* 2022.

## MANUSCRIPTS IN PREPARATION

---

- João Souto-Maior.** “How White families hoard educational opportunities: unpacking the emergence of opportunity hoarding in schools.” *Draft available upon request.* Expected submission: March, 2023.
- João Souto-Maior.** “The salience of mechanisms shaping within-school racial inequalities across school- and district-level characteristics.” Expected submission: Summer, 2023.
- João Souto-Maior.** “Determinants of race- and class-based educational inequalities within Brazilian high schools”. Expected submission: Spring, 2023.

- Working, [publicly available](#), dashboard to communicate results to a non-academic audience.

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: Spring, 2023.

## 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).

### *Teaching assistant*

2022 Political Economy of Education: Why Does College Cost So Much? NYU (Fall).

2022 Intro to US Education: Historical and Contemporary Perspectives. NYU (Fall).

2022 Qualitative Methods in International Education. NYU (Spring).

### *Seminar leader*

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

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

## SELECTED WORK EXPERIENCES

---

2021 - present Technical Reviewer. Journal on 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, Prof. Rebecca Tarlau, Stanford School of Education.

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

## FUNDING AND AWARDS

---

2023	NYU Steinhardt Dissertation Finishing Award.
2022	NYU Steinhardt Dissertation Writing Grant.
2022	NYU Steinhardt Research & Travel Grant.
2022	Russell Sage Foundation, Summer Institute in Computational Social Sciences at Duke University.
2018-2022	NYU 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	<a href="#">2022 Summer Institute in Computational Social Sciences, Duke University.</a>
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	<a href="#">Agent-Based Modeling Lab, NYU.</a>
Python	Graduate Microeconomic Theory I and II, The CUNY Graduate Center.

## PROFESSIONAL SERVICE

---

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

## OCCASIONAL REVIEWER

---

Journal on Education in Emergencies

## PROFESSIONAL MEMBERSHIP

---

American Sociological Association (Sociology of Education and Mathematical Sociology Sections).