

Eduardo Tapia, PhD

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Appointments

2023 – now



Associate Professor

Principal investigator on school segregation studies and director of the course Agent-based Modeling.

The Institute for Analytical Sociology (IAS)

Linköpings Universitet

Sweden

2019 – 2022



Senior Lecturer

Principal investigator on school segregation studies and director of the course Agent-based Modeling.

The Institute for Analytical Sociology (IAS)

Linköpings Universitet

Sweden

2015 – 2018



Postdoc

Principal investigator on residential segregation studies and director of the course Agent-based Modeling.

The Institute for Analytical Sociology (IAS)

Linköpings Universitet

Sweden

2014



Postdoc

Investigador on tax compliance behavior studies and teacher assistance on statistics.


Analytical Sociology and Institutional Design (GSADI)

Autonomous University of Barcelona

Spain

Education

2013 **PhD in Computational Sociology** – Spain
Autonomous University of Barcelona



2010 **MA in Sociology** – Spain
Autonomous University of Barcelona



2004 **Bachelor's Degree in Sociology** – Perú
Universidad Nacional Federico Villarreal



Peer-reviewed publications

- 2026 **In-Movers and Neighbourhood Sorting: The Direct, Indirect, and Cumulative Effects of In-Movers on Ethnic Residential Segregation**
Tapia, E.
Population, Space and Place
- 2025 **Kin Propinquity, Residential Mobility, and the Persistence of Segregation**
Jarvis, B., Chihaya, G., and Tapia, E.
Demography
- 2023 **Understanding School Segregation through Micro-Changes: Evidence from Upper Secondary Education in Stockholm**
Tapia, E.
Journal of Education Policy
- 2023 **Can school closures decrease ethnic school segregation? Evidence from primary and lower secondary schools in Stockholm, Sweden**
Mutgan, S. and Tapia, E.
Journal of Urban Affairs
- 2022 **Schools' priority rules and ethnic school segregation**
Tapia, E.
British Journal of Sociology of Education
- 2022 **If you move, I move: The social influence effect on residential mobility**
de la Prada, À. and Tapia, E.
PLoS ONE

- 2021 **Groups contribution to shaping ethnic residential segregation: a dynamic approach**
 Tapia, Eduardo
Journal of Computational Social Science
- 2014 **Tax Compliance, Rational Choice, and Social Influence: An Agent-Based Model**
 Noguera, J., Miguel, F., Tapia, E., Llacer, T.
Revue française de sociologie
- 2013 **An Agent-Based Model of Tax Compliance: An Application to the Spanish Case**
 Llacer, T., Miguel, F., Noguera, J., Tapia, E.
Advances in Complex Systems

Other publications

- 2017 **SIMULFIS: A Simulation Tool to Explore Tax Compliance Behaviour**
 Llacer, T., Miguel, F., Noguera, J., Tapia, E.
In Agent-based Modelling of Tax Evasion: Theoretical Aspects and Computational Simulations
- 2013 **A Dynamic Study about Rumor Diffusion**
 Tapia, E.
Ph.D. dissertation.
 A Dynamic Study about Rumor Diffusion

Work submitted or in Progress

- 2026 **The Symbolic Context of School Choice: Neighborhood Reputation and Ethnic School Segregation**
 Tapia, E., Arvidsson, M., Brandén, M. Hurtado-Bodell, M.
- 2026 **Reputational Shocks and Ethnic Residential Segregation: The Case of Sweden's 'Vulnerable Areas'**
 Tapia, E., Arvidsson, M., Brandén, M. Hurtado-Bodell, M.
- 2026 **Self-Fulfilling Geographies: Ethnic Reputation, Residential Mobility, and Neighborhood Change**
 Tapia, E., Arvidsson, M.

Teaching experience

- 2025 – 2026 **Master Thesis Course**
Course Director
Linköpings Universitet
- 2016 – 2026 **Agent-Based Modeling**
Course Director
Linköpings Universitet
- 2019 – 2021 **Agent-Based modeling for computational social scientists**
Lecturer
Linköpings Universitet
- 2013 - 2014 **Quantitative Methods I and II**
Teacher Assistant
Department of Sociology, Communication and Criminology
Universitat Autònoma de Barcelona

Grants

- 2023 Principal Investigator: Ben Jarvis
Amount: 5 million SEK
Founder: The Swedish Research Council
- 2023 Principal Investigator: Marcus Brendtsen
Amount: 5 million SEK
Founder: The Swedish Research Council
- 2022 Project: The Role of Media in School and Neighborhood Reputation Formation, and its Effect on School and Residential Segregation
Principal Investigator: Maria Branden
Amount: 5 million SEK
Founder: The Swedish Research Council
- 2022 Project: Opinion dynamics, collective action, and abrupt social changes: the role of preference falsification and social networks
Principal Investigator: Linares, F. and Miguel, F.
Amount: 70k Euros
Founder: Spanish Ministry of Science and Innovation

2017 Project: Understanding the dynamics of school choice to reduce segregation in education
Principal Investigator: Eduardo Tapia
Amount: 3 million SEK
Founder: The Swedish Research Council

Conference Presentations

2025. Neighborhood Reputation and School Inequality. In Urban Transformations, Demographic Change and Spatial Education, UB Barcelona.

2024. Neighborhood Reputation and Residential Mobility. In Third CITIES Symposium. NYU Abu Dhabi.

2023. Difusión de rumores, redes y modelos basados en agentes. Jornadas: Mecanismos sociales y dinámicas de opinión. Madrid.

2022. School choice, micro-changes, and school segregation. XIV Spanish Congress of Sociology 2022. Murcia.

2021. A systematic evaluation of school closures as a desegregation measure ECSR Annual Conference.

2021. A systematic evaluation of school closures as a desegregation measure 13th International Network of Analytical Sociology (INAS). Tokyo.

2019. Who change segregation and how? 12th International Network of Analytical Sociology (INAS). St. Petersburg.

2019. Groups' contribution to residential segregation. XIII Spanish Congress of Sociology 2022. Valencia.

2016. Ethnic school segregation: a two-side approach. Spanish Congress of Sociology, Gijón.

2016. Implications of Policy Interventions on Student Assignment Mechanisms on Ethnic School Segregation at Upper Secondary Schools at Stockholm. IAS research symposium

2015. An agent-based model of tax compliance. Seminar Series at the Institute for Analytical Sociology.

2013. An agent-based model of rumor diffusion. Spanish Congress of Sociology, Madrid.

2012. SIMULFIS: An ABM to Study Tax compliance. Workshop, The Autonomous University of Barcelona.

2012. An Agent-Based Model for the Simulation of Tax Compliance Behavior. 5th International Network of Analytical Sociology (INAS), New York.

Academic service

Editorial board Papers. Academic Journal of Sociology. 2020 - now
Organizer Seminar Series at the Institute for Analytical Sociology. 2020 - 2022
Project evaluator for the Spanish National RDI Plan (Research, Development and Innovation) 2020 - 2021
Journal Refereeing (Ad hoc Reviewer)- Scandinavian Journal of Educational Research
Journal Refereeing (Ad hoc Reviewer)- American Educational Policy Journal
Journal Refereeing (Ad hoc Reviewer)- Journal of Artificial Societies and Social Simulation
Journal Refereeing (Ad hoc Reviewer)- Journal of Education Policy

Student supervision

Ph.D. Students

Àlex Giménez de la Prada Co-supervisor. completed 2021

Master Students

Binrui Luo Main supervisor. completed 2025

Elaine Vasquez Quispe Main supervisor. completed 2024

Jan Sodoge Main supervisor. completed 2021

Kevin Zhang Main supervisor. completed 2021

Ellis Carlberg Main supervisor. completed 2021

Technical skills

Proficient in: R, NetLogo, Python, and Latex

Familiar with: Stata, and SPSS

Languages

English (fluent), Spanish (native), Swedish (beginner), Catalan (beginner)

Other interests

Music, photography, and story writing