JAVIER SAN MILLÁN TEJEDOR

Faculteit Bouwkunde (Gebouw 8) Julianalaan 134 2628 BL Delft

J.SanMillanTejedor@tudelft.nl

EDUCATION

TU Delft   December 2022 - nowadays
PhD student

- **SEGUE project**: modelling the relationship between economic inequality and residential segregation by income and wealth in the Netherlands.

London School of Economics and Political Science, Department of Sociology   September 2021 – September 2022
MSc in City Design and Social Science • Distinction
Honours: *La Caixa* Scholarship (covering full tuition fees and a monthly stipend)

- **Causal Inference for Observational and Experimental Studies**: learnt to develop quasi-experimental studies using causal inference techniques such as discontinuity regression design, difference-in-differences and synthetic control methods.
- **Urban Inequalities**: critical analysis of the causes and effects of spatial segregation in contemporary cities.
- **Dissertation**: quasi-experimental study of the effect of an area-based intervention in Barcelona (superblocks) on the rental prices and gentrification of selected areas using geo-coded large datasets.

Universidad Carlos III de Madrid, Department of Social Sciences and Law, Getafe, Madrid   September 2015 – June 2021
Double B.A. in Social Sciences (Grade 9.37/10) and Law (Grade 9.12/10)
Minor in Political Sciences and Sociology • Grade 9.5/10
Honours: *Comunidad de Madrid* Excellence Awards (*Beca de Excelencia*) 2016 and 2019

- **Statistics 1, 2 and 3:** Developed quantitative skills, including descriptive statistics, applied regression analysis and econometrics. Use of Eviews, SPSS and Stata. Considerable training in data visualization.
- **Evaluation of Public Policies:** Studied the impact of the reform of health policies in Spain on the welfare of immigrants in a team of 5 through causal inference methods (propensity score matching and instrumental variables).
- **Undergraduate Thesis**: experimental study of rental market discrimination in Madrid against Chinese migrants and their descendants using correspondence testing methods through instant messaging apps. Obtained a 10/10 score.

University of Nottingham Ningbo China, Ningbo, China   September 2019 – January 2020
Study abroad program • B.A. in Global Studies • First-class honours
Honours: Scholarships from Universidad Carlos III de Madrid and UNNC

University of California, Berkeley, College of Letters and Sciences, Berkeley (USA)   August 2017 – May 2018
Studying abroad program • B.A. in Global Studies • GPA 4.00/4.00
Honours: Scholarship from Universidad Carlos III de Madrid

WORK EXPERIENCE

LSE Cities   August 2022 – November 2022
Research Assistant
- Developed a literature review and data gathering on a World Bank-funded project about urban transport governance.

Discrimination & Inequality Lab (Universidad Carlos III de Madrid)   November 2020 – June 2021
Research Assistant (Spanish Ministry of Education "Beca de colaboración")
- Performed an experimental study that tested 1600 real landlords' discrimination against foreigners in the rental housing market.
- Used correspondence testing methods and advanced regression modelling to identify discrimination against Chinese migrants.
- Analysed geographical differences in discrimination through geo-coding and geo-tagging using GIS and R.

Movimiento por la Paz, el Desarme y la Libertad (MPDL)   February 2021 – June 2021
Intern (Compulsory internship within the UC3M Law Bachelor program)
- Prepared legal reports addressing the Spanish state about the eligibility for international protection of selected asylum seekers.
- Interviewed asylum seekers and informed them about their rights.
- Outlined summaries of diverse political and social phenomena happening in the countries of origin of asylum seekers.

Organisation for Economic Co-operation and Development (OECD), Paris   June 2019 – September 2019
Research Assistant
- Performed structured literature reviews and report drafting about issues of quality, equity and efficiency of higher education.
- Benchmarking of selected indicators of higher education performance and spending.
- Data management activities (e.g. data checking and updating) and data visualisation within the Directorate of Education.

Center for Community Innovation (University of California, Berkeley)   November 2017 – May 2018
Research Assistant
- Surveyed hundreds of dwellers of a set of neighbourhoods of the Bay Area, California, for a study of the impact of bike lanes in shopping and transit behaviour.
- Analysed the spatial consequences of the construction of cycle lanes employing GIS.

Department of Political Science (University of California, Berkeley)   September 2017 – December 2017
Research Assistant (Undergraduate Research Apprentice Program)
- Massively extracted data in csv format from European Union online websites and formatted them into the research project database.

ADDITIONAL EXPERIENCE AND EDUCATION

Education on teaching and grading:
- *Foundations of Educational Design*, **TU Delft**   January 2023
- *Small Group Teaching and Lecturing*, **TU Delft**   March 2023
- *Coaching Individual Students*, **TU Delft**   March 2023
- *Assessing Students and Master Thesis Projects*, **TU Delft**   April 2023

Experience in teaching:
- *Social unrest in cities: How does the urban environment shape riots and protests?,* **Institut Barcelona Estudis Internacionals**   October 2023
- *Empirical Research Techniques for Architecture,* **TU Delft**   February – April 2024
- *Academic Literature Review Paper,* **TU Delft**   September – November 2024
- *GIS and Cartography,* **TU Delft**   September – November 2025

RESEARCH WORK

Publications:

San Millán, J., Cottineau-Mugadza, C., & Van Ham, M. (2025). From Flux to Capital: Distinguishing Patterns of Income and Wealth Segregation in the Netherlands. *Population, Space and Place*, *31*(8), e70127.

San Millan, J., Polavieja, J., & Gamundí, T. (2025). Rental housing discrimination against Chinese minorities in Spain: a new instant messaging correspondence test. *Social Forces*, soaf140.

San Millán, J., Cottineau-Mugadza, C., & Van Ham, M. (2025). The Economic Urban Divide: A Detailed Study of Income Inequality and Segregation in Dutch Urban Areas (2011–2022). *Tijdschrift voor economische en sociale geografie*.

Howard, A., Magnan, G., San Millán, J., Mayumi, M., Tamashiro, H., Chiam, R. Y. E., & Avigdor, Y. (2022, authors in alphabetical order). The Restorative High Street Project: Re-imagining Custom House. *Cities Studio Annual Review*, *2*.

OECD (2020). *Resourcing Higher Education: Challenges, Choices and Consequences*, Higher Education, OECD Publishing, Paris.

LANGUAGES

- Native Spanish.
- Fluent in English
- High level of French (CEFR B2 DELF).
- Catalan (B1 CPNL)
- Modern Greek (equivalent to CEFR A2).
- Learning Dutch.

RESEARCH SKILLS

Quantitative analysis
- Descriptive statistics, measures of central tendency and dispersion, sampling distributions, contingency tables and chi-square tests, hypothesis tests, confidence intervals and correlation analyses.
- Applied regression analysis and causal inference methods (instrumental variables, propensity score matching, diff-in-diff, etc.).
- Use of statistical software (Stata, SPSS and R), including data visualization (especially using ggplot2 in R).
- Computation of inequality indicators and methods of data imputation for income and wealth temporal series.

Experimental research
- Correspondence testing methods in the field of labour market discrimination and rental housing discrimination.
- Online experiments, including web design, internet-based surveys and use of AI for simulation of reality-like pictures.

Writing scientifically
- Drafting skills using the Microsoft Office package and experience in developing journal papers.
- Training in performing systematic literature reviews.

Geographic Information Systems (GIS)
- Cartography in QGIS and R.
- Calculation of spatial indicators of economic segregation (e.g. Rank-Ordered Information Theory Index).