Felipe Santos-Marquez

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EDUCATION

Technische Universität Dresden   Dresden, Saxony, Germany
PhD candidate (Economics)   2021–present

Nagoya University   Nagoya, Aichi, Japan
MA in International Development   2019–2021

Universidad Nacional de Colombia   Bogota, Colombia
B.S. in Physics   2007–2012

EXPERIENCE

Technische Universität Dresden   Dresden, Saxony, Germany
Research Assistant at the Chair of Economics esp. International Economics   04/2021- present

Nagoya University   Nagoya, Aichi, Japan
Research Assistant at the QuaRCS lab   04/2020- 08/2020

- Creation and Maintenance of databases
- Creating shapefiles and data-sets of income and well-being related variables across the world, and Sustainable Development Goals data for Bolivia

Nagoya University   Nagoya, Aichi, Japan
Academic Tutor at the Graduate School of International Development   09/2019- 02/2021

- Tutoring of research, Master's and PhD students
- Helping students to organize research data and to analyze it using a variety of econometric methods and statistical software

National University of Colombia   Bogota, Colombia
Mathematics (Topology and Analysis) tutor at the School of Mathematics, Faculty of Science   01/2008- 07/2008

- Tutoring of physics undergraduate students
- Preparing and facilitating tutoring workshops and academic support sessions for small groups of students

TEACHING

- **Guest lecturer** at Nagoya University   summer 2022
  Causal Inference and Policy Evaluation in R
- **Technische Universität Dresden**   winter 2021 - present
  Tutorials - Empirical Economics course and instructor - introduction to R course
- **Teaching Assistant** at Nagoya University   fall 2020
  GSID Open Webinar Series and Spanish
- **English Teacher** at Alive English School, Nagoya city, Japan   2017-2021
  Preschool, elementary and secondary classes

Publications

[1] C. Mendez and **F. Santos-Marquez**, "Economic and social disparities across subnational regions of south america: A spatial convergence approach", *Comparative Economic Studies*, pp. 1–24, 2022, Available at https://doi.org/10.1057/s41294-021-00181-0.

[2] A. Domínguez, **F. Santos-Marquez**, and C. Mendez, "Sectoral productivity convergence, input-output structure and network communities in japan", *Structural Change and Economic Dynamics*, 2021, Available at https://doi.org/10.1016/j.strueco.2021.10.012.

[3] **F. Santos-Marquez**, "Spatial beta-convergence forecasting models: Evidence from municipal homicide rates in colombia", *Journal of Forecasting*, 2021, Available at https://doi.org/10.1002/for.2816.

[4] **F. Santos-Marquez**, A. B. Gunawan, and C. Mendez, "Regional income disparities, distributional convergence, and spatial effects: Evidence from indonesian regions 2010–2017", *GeoJournal*, pp. 1–19, 2021, Available at https://doi.org/10.1007/s10708-021-10377-7.

[5] C. Mendez and **F. Santos-Marquez**, "Regional convergence and spatial dependence across subnational regions of asean: Evidence from satellite nighttime light data", *Regional Science Policy & Practice*, 2020, Available at https://doi.org/10.1111/rsp3.12335.

[6] **F. Santos-Marquez** and C. Mendez, "Regional convergence, spatial scale, and spatial dependence: Evidence from homicides and personal injuries in colombia 2010-2018", *Regional Science Policy & Practice*, 2020, Available at https://doi.org/10.1111/rsp3.12356.

Conference Presentations

- 4th Swiss Workshop on Local Public Finance and Regional Economics, University of Bern   October–2022
  Bern, Switzerland
- 1st International Workshop on the Chinese Development Model, IQS School of Management   July–2022
  Barcelona, Spain
- Young Scholars Initiative meeting at International University College of Turin   June–2022
  Torino, Italy
- 60th Annual ERSA Congress "Territorial Futures – Visions and Scenarios for a resilient Europe"   August–2021
  Bolzano, Italy (online conference)
- ERSA Summer School 2021 - Spatial Analysis of Regional Inequalities   June-July–2021
  Groningen, Netherlands (online conference)
- XV World Conference of Spatial Econometrics Association   May–2021
  Tokyo (online conference)
- 57th Conference of the Japan Society of Social Science on Latin America   November–2020
  Japan (online conference)
- Bolivian Conference on Development Economics   August–2020
  La Paz, Bolivia (online conference)
- Applied Regional Science Conference   November–2019
  Saga University, Saga, Japan

Research Visits

- AQR Research Group, University of Barcelona   July 12-28 –2021

Awards

- Prize of the Deutsche Bundesbank for support for international research cooperation   June –2021

Computer Skills

- **Programming:**   R, Python and Stata and Matlab
- **User:**   GitHub, Geoda and QGIS

Languages

- **Spanish:**   Native proficiency level
- **English:**   Professional working proficiency level
- **Japanese:**   Limited working proficiency

Extracurricular and Academic Activities

- Data@ANZ ANZ virtual experience Program   August–2020
  Completed two practical task modules in
  Exploratory Data Analysis
  Predictive Analytics.