

# Sergio Blanco Piñeiro

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## Personal Contact

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Github: <https://github.com/sbp-stats>

## Education

M.Res. Economic Analysis. Universidad Carlos III de Madrid, 2023.

*Specialization in Applied Economics and Theoretical Econometrics.*

B.Sc. in Economics. Universidad Autónoma de Madrid, 2021.

*21 Subjects with Honors distinction.*

I.E.S. Lope de Vega, Madrid

*Extraordinary Academic Award in Bachillerato.*

## Other Courses

Causal Inference I. Mixtape Sessions. Prof. Scott Cunningham.

Causal Inference II. Mixtape Sessions. Prof. Scott Cunningham.

Advanced Difference-in-Differences. Mixtape Sessions. Prof. Jonathan Roth.

Regression Discontinuity. Mixtape Sessions. Prof. Rocío Titiunik.

Synthetic Control and Clustering. Mixtape Sessions. Prof. Alberto Abadie.

Doing Applied Research. Mixtape Sessions. Profs. Daniel Rees and Mark Anderson.

## Experience

Research Assistant for the Department of Economic Analysis. Universidad Autónoma de Madrid. [06/2021 - 09/2021]

Teaching Innovation Project Evo-Devo, Digital portfolio for economic development. Universidad Autónoma de Madrid. [02/2021 - 06/2021]

Beca Santander-British Council English Upper-Intermediate. [2020]

Teaching Seminars. Universidad Autónoma de Madrid. [2020]

*Collaborating with UAM professors to explore and present ways of improving teaching in Economic Bachelors.*

## Research

(2023) **The Effect of Losing a Parent on Children's Educational Development**. Thesis supervisor Warn N. Lekfuangfu.

Abstract:

This research examines how the loss of a parent affects children's academic performance in developing countries such as Ethiopia, Peru, Vietnam, and India. Due to limited data, the study uses various methods to reveal causal relationships and their differences among gender and age groups. The study focuses on standardized test scores and uses a staggered difference-in-difference methodology to determine causality. However, the primary objective is to uncover how the effects of parental loss vary by gender and age. The study shows that there are significant gender differences and emphasizes the importance of the timing of parental loss. Future research directions include investigating the impact of parental education levels and exploring the influence of parental loss on educational attainment. This research is a valuable contribution to the literature on parental absence and its consequences, providing insights into education and economic development policies.

(2020) **¿Es el Estado un factor determinante del crecimiento económico? Un análisis empírico**. Thesis supervisor Félix-Fernando Muñoz Pérez. [Link](#)

Abstract:

The purpose of this study was to examine the State's role in a nation's long-term economic trends. To achieve this, we aimed to categorize countries based on similarities and identify any differences between these groups. Our findings confirmed the presence of variation between the groups, which supports the methodology used for analyzing economic growth. After creating different groups, we aim to explain how we plan to investigate the idea of the "State's role" which is not well-defined. This lack of clarity leads to a two-fold analysis. Firstly, we will explore whether the increase in public spending and revenue as a percentage of GDP in the previous year affects economic growth in the current year. Secondly, we will investigate whether there exists an ideal level of public spending and revenue as a percentage of GDP that boosts economic growth. To summarize, we have found a correlation between a country's GNI per capita and the returns of its fiscal policy. Low and Middle-Income countries experience increasing returns, leading to economic growth. However, Upper-Middle-Income and High-Income countries have decreasing returns, which hinders their economic growth.

## Honors & Awards

Klein Institute Award for Quantitative Bachelor's Thesis: "¿Es el Estado un factor determinante del crecimiento económico? Un análisis empírico", 2022.

Master Scholarship. Master in Economic Analysis. Universidad Carlos III de Madrid, 2021.

Colaboration Grant. Department of Economic Analysis. Universidad Autónoma de Madrid. Ministerio de Educación, 2021.

*Building and cleaning databases containing industry data, modeling and executing empirical tests to analyze the impact of industrial property*

Excellence Scholarship. Spanish Government. Ministry of Education and Science, 2018.

Excellence Scholarship. Spanish Government. Ministry of Education and Science, 2017.

## Teaching Experience

(2023) Teaching Assistant: Mathematical Optimization for Economics

(2023) Teaching Assistant: Macroeconomics.

(2022) Teaching Assistant: Mathematical Optimization for Economics

## Skills

Programming: R, Python, Stata, Excel, SQL, Matlab, L<sup>A</sup>T<sub>E</sub>X.

Languages: English, Spanish.

## References

### **Warn N. Lekfuangfu**

Professor of Economics

University Carlos III de Madrid

Department of Economics

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### **Félix-Fernando Muñoz Pérez**

Professor of Economics

Universidad Autónoma de Madrid

Departament of Economic Analysis

Email: [felix.munoz@uam.es](mailto:felix.munoz@uam.es)

### **Antoine Loeper**

Director of the Master in Economic Analysis

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