Antonio Avila-Uribe

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EDUCATION

MPhil/PhD in Economic Geography   Sep. 2020 – Currently
London School of Economics and Political Science (LSE)   *London, UK*

MSc Applied Social Data Science   Sep. 2019 – Sep. 2020
London School of Economics and Political Science (LSE)   *London, UK*
- *Distinction*

Master in Economics (M1)   Sep. 2017 – Jun. 2018
Toulouse School of Economics (TSE)   *Toulouse, France*
- *Insigni Cum Laude*
- **GPA:** 15.3 / 20, top 10 of the promotion (42 students)

BSc Economics   Sep. 2014 – Jun. 2018
Pompeu Fabra University (UPF)   *Barcelona, Spain*
- **GPA:** 8.6 / 10, top 10 of the promotion (140 students).
- **Officially recognised as:** BSc Economics by Université Toulouse Capitole (UT1), with *Suma Cum Laude*.

REFERENCES

Olmo Silva   **Steve Gibbons**   **Sefi J. Roth**
| *London School of Economics* | *London School of Economics* | *London School of Economics*
| o.silva@lse.ac.uk | s.gibbons@lse.ac.uk | s.j.roth@lse.ac.uk

WORK IN PROGRESS

"The effect of air pollution on US aggregate production"
| *WP available at* avila-a.github.io/cv/US_PM2_5_WP_PMsmoke.pdf
| *LSE Geography and Environment Discussion Paper Series (39)*

"The effect of Low Emission Zones in local production: The case of German cities"
| *Working paper available upon request*

"Putting London's Low Emission Zone to the Test: The effect on educational outcomes"
| *With Sefi Roth*

"Strategic Air Pollution Monitoring: A European review"
| *Working paper available upon request*

"Incorporating behaviour into an air pollution vulnerability framework and evidence review"
| With Anomitro Chatterjee, Daire McCoy, and Ganga Shreedhar

**"The role of gender in firm-level climate change adaptation behaviour:
Insights from small businesses in Senegal and Kenya"**
| *With Kate Gannon, Shaikh Eskander and Elena Castellano*

TEACHING EXPERIENCE

Graduate Teacher Assistant   Oct. 2021 – Present
London School of Economics and Political Science (LSE)   *London, UK*

Plan, assist, and present practical seminars and selected lectures of statistical methods in two classes:
- **Techniques of spatial economic analysis:** Master-level class   *(LSE class teacher awards 2023)*
- **Introduction to geographical research:** First-year undergraduate course

Presentations at conferences

"The effect of Low Emission Zones in local production: The case of German cities"

↪ | *EAERE, Rimini*   29 June 2022

| *LSE-Imperial College Workshop in Environmental Economics*   20 June 2022

| *Global Conference on Economic Geography, Dublin*   9 June 2022

"The effect of Air Pollution on US aggregate production"

↪ | *Environment Day, LSE*   2 May 2023

| *XXI Mannheim Conference on Energy and the Environment, ZEW*   9 May 2023

| *European Economic Association - ESEM, Barcelona*   31 October 2023

Grants & Scholarships

Highly Commended at the LSE Class Teacher Awards | *LSE*   May 2023

Full Scholarship for studies in Economics | *"La Caixa" Foundation*   April 2022

Full Scholarship for studies in Economics - 2 years | *Banco de España (BdE)*   March 2019

Erasmus Internship grant | *Spanish Ministry of Education*   March 2018

MOBINT Scholarship | *AGAUR - Catalan regional government*   March 2017

Erasmus Scholarship | *Spanish Ministry of Education*   March 2017

Professional Research Experience

Graduate Research Assistant   Oct. 2020 – Jan. 2021, Jul. 2021 – Dec 2022

London School of Economics and Political Science (LSE) - GRI   *London, UK*

Performed literature reviews, theoretical modelling and econometric analysis for two academic projects. My contributions were significant enough to be included as a co-author of the resulting publications.

- **Project 1:** Performed descriptive and econometric analysis on the adaptation to climate change among female-led enterprises in sub-Saharan Africa. (Working paper)
- **Project 2:** Designed a new theoretical model of air pollution vulnerability and helped manage a survey of over 1500 respondents in London and Birmingham. (Working paper)

Geospatial Data Scientist   Jun.– Dec. 2021, Jul.– Aug. 2022

505 Economics   *London, UK*

I helped construct a global database of local-level Human Development Index, Life Expectancy and Educational attainment (94.836 regions, 20 years, link). This was done with a downsampling method developed by myself and proved high out-of-sample accuracy.

Graduate Research Intern   Aug.– Sep. 2020, Aug.– Sep. 2021

Banco de España (BDE) - Research Department   *Madrid, Spain*

Conducted independent research on the effect of environmental policies and changes in pollution levels on economic outcomes under the supervision of Laura Hospido.

Graduate Research Assistant   Sep. 2018 – Feb. 2019

Pompeu Fabra Univeristy (UPF)   *Barcelona, Spain*

Planned and conducted econometric analyses for a paper on the effects of political uncertainty on birth outcomes by Ainoa Aparicio and Libertad González (currently published at doi.org/10.1002/hec.4201).

- Performed data research and preparation from historical surveys and large databases (>1.5 million observations).

Research Assistant   Mar. – Jul. 2018

Toulouse School of Economics (TSE-IDEI)   *Toulouse, France*

Supported Professor Arnaud Reynaud by analysing data for a study commissioned by the Government of Andorra to estimate the causal effect of public water price variation on households and businesses' consumption.

Other professional experience

President of *Periodo Solidario*   Dec. 2018 – Present
Periodo Solidario - PeriodoSolidario.org   *Barcelona, Spain*

Lead nonprofit association that advocates for women's health and hygiene, providing cheaper and eco-friendly products to low-income communities and educating on their awareness and use.

- Define the association's objectives and strategic plan.
- Coordinate the economic activity and the work of our small wholesales team.
- Build partnerships with associations in developing countries, international providers and sales partners.

Courses & Certifications

Statistical Learning online course | *Stanford University, US*   August 2019

Advanced Quantitative Methods diploma | *UPF, Barcelona, Spain*   November 2017
    "For a high specialisation level in theoretical content and quantitative methods"

Scientific Writing course | *ICM, Barcelona, Spain*   September 2015
    36 hours of lectures

Skills

Languages: English (fluent), Spanish (fluent), Catalan (fluent, C1), French (C1)

Programming languages: Stata, R, Python, SQL, HTML, Matlab

Software: ArcGIS, QGIS,