

Antonio Avila-Urbe

A.Avila2@lse.ac.uk | antonioavilauribe.com | linkedin.com/in/antonio-avila

EDUCATION

MPhil/PhD in Economic Geography <i>London School of Economics and Political Science (LSE)</i>	Sep. 2020 – Currently <i>London, UK</i>
MSc Applied Social Data Science <i>London School of Economics and Political Science (LSE)</i> <ul style="list-style-type: none">• <i>Distinction</i>	Sep. 2019 – Sep. 2020 <i>London, UK</i>
Master in Economics (M1) <i>Toulouse School of Economics (TSE)</i> <ul style="list-style-type: none">• <i>Insigni Cum Laude</i>• GPA: 15.3 / 20, top 10 of the promotion (42 students)	Sep. 2017 – Jun. 2018 <i>Toulouse, France</i>
BSc Economics <i>Pompeu Fabra University (UPF)</i> <ul style="list-style-type: none">• GPA: 8.6 / 10, top 10 of the promotion (140 students).• Officially recognised as: BSc Economics by Université Toulouse Capitole (UT1), with <i>Suma Cum Laude</i>.	Sep. 2014 – Jun. 2018 <i>Barcelona, Spain</i>

REFERENCES

Olmo Silva <i>London School of Economics</i> s.gibbons@lse.ac.uk	Steve Gibbons <i>London School of Economics</i> o.silva@lse.ac.uk	Sefi J. Roth <i>London School of Economics</i> s.j.roth@lse.ac.uk
---	--	--

WORK IN PROGRESS

“The effect of air pollution on US aggregate production” <i>WP available at avila-a.github.io/cv/US_PM2_5_WP_PMsmoke.pdf</i> <i>LSE Geography and Environment Discussion Paper Series (39)</i>
“The effect of Low Emission Zones in local production: The case of German cities” <i>Working paper available upon request</i>
“Putting London’s Low Emission Zone to the Test: The effect on educational outcomes” <i>With Sefi Roth</i>
“Strategic Air Pollution Monitoring: A European review” <i>Working paper available upon request</i>
“Incorporating behaviour into an air pollution vulnerability framework and evidence review” <i>With Anomitra Chatterjee, Daire McCoy, and Ganga Shreedhar</i>
“The role of gender in firm-level climate change adaptation behaviour: Insights from small businesses in Senegal and Kenya” <i>With Kate Gannon, Shaikh Eskander and Elena Castellano</i>

TEACHING EXPERIENCE

Graduate Teacher Assistant <i>London School of Economics and Political Science (LSE)</i>	Oct. 2021 – Present <i>London, UK</i>
Plan, assist, and present practical seminars and selected lectures of statistical methods in two classes:	
• Techniques of spatial economic analysis: Master-level class	<i>(LSE class teacher awards 2023)</i>
• 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”

↪	<i>EAERE, Rimini</i>	29 June 2022
	<i>LSE-Imperial College Workshop in Environmental Economics</i>	20 June 2022
	<i>Global Conference on Economic Geography, Dublin</i>	9 June 2022

“The effect of Air Pollution on US aggregate production”

↪	<i>Environment Day, LSE</i>	2 May 2023
	<i>XXI Mannheim Conference on Energy and the Environment, ZEW</i>	9 May 2023
	<i>European Economic Association - ESEM, Barcelona</i>	31 October 2023

GRANTS & SCHOLARSHIPS

Highly Commended at the LSE Class Teacher Awards	<i>LSE</i>	May 2023
Full Scholarship for studies in Economics	<i>“La Caixa” Foundation</i>	April 2022
Full Scholarship for studies in Economics - 2 years	<i>Banco de España (BdE)</i>	March 2019
Erasmus Internship grant	<i>Spanish Ministry of Education</i>	March 2018
MOBINT Scholarship	<i>AGAUR - Catalan regional government</i>	March 2017
Erasmus Scholarship	<i>Spanish Ministry of Education</i>	March 2017

PROFESSIONAL RESEARCH EXPERIENCE

Graduate Research Assistant	Oct. 2020 – Jan. 2021, Jul. 2021 – Dec 2022
<i>London School of Economics and Political Science (LSE) - GRI</i>	<i>London, UK</i>

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
<i>505 Economics</i>	<i>London, UK</i>

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
<i>Banco de España (BDE) - Research Department</i>	<i>Madrid, Spain</i>

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
<i>Pompeu Fabra University (UPF)</i>	<i>Barcelona, Spain</i>

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
<i>Toulouse School of Economics (TSE-IDEI)</i>	<i>Toulouse, France</i>

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,