

# Antonio Avila-Uribe

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## EDUCATION

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

## REFERENCES

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

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

## TEACHING EXPERIENCE

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<b>Graduate Teacher Assistant</b> <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:	
<ul style="list-style-type: none"><li>• <b>Techniques of spatial economic analysis:</b> Master-level class (<i>LSE class teacher awards 2023</i>)</li><li>• <b>Introduction to geographical research:</b> First-year undergraduate course</li></ul>	

## PRESENTATIONS AT CONFERENCES

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### “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

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

## PROFESSIONAL RESEARCH EXPERIENCE

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<b>Graduate Research Assistant</b>	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)

<b>Geospatial Data Scientist</b>	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.

<b>Graduate Research Intern</b>	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.

<b>Graduate Research Assistant</b>	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](https://doi.org/10.1002/hec.4201)).

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

<b>Research Assistant</b>	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

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### **President of *Periodo Solidario***

Dec. 2018 – Present

*Periodo Solidario* - [PeriodoSolidario.org](http://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

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**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

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

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

**Software:** ArcGIS, QGIS,