

# Jaime Marques-Pereira

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## Employment

Sep 2023 - Present **Lecturer (Assistant Professor) in Economics and Data Science,**  
Lancaster University Management School, Lancaster, U.K..

## Education

- Sep 2017 - Jan 2023 **Ph.D. in Economics**, Bocconi University, Milan, Italy.  
*Advisors:* prof. Guido Tabellini and prof. Eliana La Ferrara.
- Jul 2021 - Dec 2021 **Visiting Student Researcher**, Stanford University, CA, U.S.A..  
*Host:* prof. Matthew Gentzkow.
- Sep 2014 - Jan 2016 **M.Sc. in Economics**, Nova S.B.E., Lisbon, Portugal.  
*Advisor:* prof. José Tavares.
- Sep 2011 - Jun 2014 **B.Sc. in Economics**, Nova S.B.E., Lisbon, Portugal.

## Research

### Fields

- Primary Field Applied Microeconomics.
- Secondary Fields Political Economics, Media Economics, Text Analysis and Machine Learning.

## Working Papers

***Media Cross-Amplification and Public Opinion:  
Evidence from Television Coverage of Social Media***

**SUBMITTED / Abstract:** I study how social media messages are amplified by television news and how this amplification shapes public opinion. Using high-frequency data on President Trump's tweets and cable transcripts, I show that Trump's tweets caused near-immediate shifts in cable coverage, providing causal evidence of agenda-setting power. Linking text-on-screen data to a large public opinion survey, I find that broadcasts of Trump's tweets causally shifted viewers' approval of Trump and their 2020 voting intentions, widening gaps across TV audiences. Additional evidence shows that this mechanism is not specific to Trump, with cable news actively amplifying online statements by other prominent U.S. politicians.

### *Strategic Drones*

with Marco Alfano, Margaux Clarr and Jean-François Maystadt

*Abstract:* U.S. drone strikes are electorally popular and authorized by the President. We test whether drone strike activity is shifted for political gain around U.S. federal elections. Using data on drone strikes in Afghanistan, Pakistan, Somalia, and Yemen, we document a pronounced pre-election increase in strike incidence. To separate political timing from military necessity, we exploit country-level cloud cover as plausibly exogenous variation in strike feasibility and study how strikes are reallocated across war theaters during electoral and non-electoral periods. Consistent with strategic behavior, cloud cover in one country induces more strikes in other clear-sky countries – but only during elections. Finally, using a comprehensive corpus of cable-TV closed captions, we show that drone strikes are more likely in weeks when presidential coverage is negative, suggesting that drones may also serve as a diversionary tool. This relationship vanishes when news pressure is high, consistent with drones being used as a diversion only when there is scope for coverage.

### Work in Progress

#### *Was it How I Said It? Emotions in Speech and Polarization*

with Elliott Ash and Philine Widmer

*Abstract:* This paper investigates how the emotional tone of cable television news has evolved over time and how this emotional tone shapes political polarization. We construct a novel dataset of U.S. cable news audio spanning the past fifteen years and use transformer-based emotion recognition models to quantify the emotions conveyed vocally by anchors and guests. We document a sharp rise in the prevalence of anger in primetime coverage, suggesting an emotional intensification of televised political discourse. We then conduct a survey experiment with a representative sample of U.S. voters to study the causal effects of emotional tone on polarization. Participants are randomly assigned to listen to attitudinal or counter-attitudinal political statements expressed with neutral, sad, or angry intonation, after which we measure in-group and out-group affect as well as willingness to engage with additional content.

#### *What Do We Lose When Women Do Not Code?*

#### *Evidence from the Universe of Contributions in FOSS*

with Annalí Casanueva Artís, Davide Rossi, Stefano Zacchiroli and Théo Zimmermann

*Abstract:* Free and Open Source Software (FOSS) is a cornerstone of today's digital infrastructure, yet its potential is limited by a persistent lack of gender diversity. Using the universe of public code contributions archived by Software Heritage, we document wide gender gaps in participation, contribution types, and visibility across tens of millions of developers. Women contribute less to core development tasks, are underrepresented in code review, and face greater resistance within developer communities. We also examine how institutional and family-related constraints shape these disparities. Leveraging variation in school closures during COVID-19 and parental leave policies across countries, we show that child-related responsibilities causally reduce women's participation and deepen gender gaps in software collaboration.

### Policy Publications

#### *Social Media and Traditional Media*

EconPol Forum, 26 (4) 07-11 CESifo Munich, (2025)

## Pre-Doctoral Papers

- The War Next Door and the Reds are Coming:  
The Spanish Civil War and the Portuguese Stock Market*  
with Diogo Leitão, João Pereira dos Santos and José Tavares.
- Republicans, Democrats and Budget Deficits:  
Fiscal Dynamics in Political Perspective*  
with José Tavares.

## Seminars, Conferences and Workshops

- 2025 CESifo Venice Summer Institute 2025 Workshop: "Digital Platforms: Policy and Politics", CESifo, San Servolo, Venice, Italy, June 25-26, 2025; "2nd Text-as-Data in Economics" Workshop, Lancaster University, Lancaster, U.K., June 24-25, 2024; 8th Economics of Media Bias Workshop, Frankfurt School of Finance and Management, Frankfurt, Germany, May 8-9, 2025; Ifo Institute's Big Data Seminar Series, Ifo Institute, Munich, Germany, March 24, 2025.
- 2024 39th Annual Congress of the European Economic Association, Erasmus University, Rotterdam, Netherlands, August 26-30, 2024; CESifo Venice Summer Institute 2024 Workshop: "The Economics of Social Media", CESifo, San Servolo, Venice, Italy, June 26-27, 2024; "Text-as-Data in Economics" Workshop, University of Liverpool, Liverpool, U.K., June 24-25, 2024; Lisbon Micro Group Seminar Series, ISEG, Lisbon, Portugal, June 4, 2024; Nottingham Interdisciplinary Centre for Economic and Political Research (NICEP) 2024 Conference, University of Nottingham, Nottingham, U.K., May 13-14, 2024; UCLouvain's IRES Lunch Seminar Series, UCLouvain, Louvain-la-Neuve, Belgium, May 7, 2024; ACSS Public Governance Online Seminar Series (Université Paris Dauphine - PSL), remote, February 19, 2024;
- 2023 5th Monash-Warwick-Zurich Text-as-Data Workshop, remote, April 3-4, 2023; Workshop on the Political Economy of Attention and Electoral Accountability, University of Basel, Basel, Switzerland, March 10-11, 2023.

## Grants, Awards and Fellowships

- Nov 2024 - Aug 2025 **LUMS Research Incentive Fund Grant**  
4,000 £ to organize 2nd "Text-as-Data in Economics" Workshop.
- Nov 2024 - Aug 2025 **LU's Data Science Institute Workshop Grant**  
2,500 £ to organize 2nd "Text-as-Data in Economics" Workshop.
- Sep 2021 - Aug 2023 **Fondazione Romeo ed Enrica Invernizzi Scholarship**  
for most promising Bocconi PhD Candidates.
- Jul 2021 - Dec 2021 **Fulbright Scholarship for Research**  
for a Visiting Exchange at Stanford University.
- Sep 2017 - Aug 2021 **Bocconi University Fellowship**  
for a pursual of a Ph.D. in Economics at Bocconi University.
- Sep 2013 - Jan 2014 **Erasmus + Fellowship**  
for an Undergraduate Exchange at Università Degli Studi Roma Tre

## Teaching

Sep 2023 - Present	<b>Lecturer</b> of M.Sc. course in <i>Public and Political Economics</i> . - Deliver political econ. lectures for ECON511, a M.Sc. course titled <i>Public and Political Economics</i> (Lancaster University; AY 23/24, 24/25 & 25/26).
Sep 2023 - Present	<b>Lecturer</b> of B.Sc. course in <i>Principles of Economics</i> . - Deliver math. lectures for ECON102, a first-year B.Sc. / B.A. course titled " <i>Principles of Economics</i> " (Lancaster University; AY 23/24, 24/25 & 25/26).
Sep 2023 - Jul 2025	<b>Lecturer</b> of B.Sc. course in <i>Data Science in Economics</i> . - Delivered Python lectures for ECON337, a third-year B.Sc. / B.A. course titled " <i>Data Science in Economics</i> " (Lancaster University; AY 23/24 & 24/25).
Feb 2023 - Jul 2023	<b>Teaching Assistant</b> for prof. Tommaso Colussi. - Lectured STATA sessions and helped prepare/ correct problem sets for the M.Sc. course of <i>Microeometrics</i> (Bocconi University; AY 22/23).
Feb 2022 - Jul 2022	<b>Teaching Assistant</b> for prof. Thomas Le Barbanchon. - Lectured STATA sessions and helped prepare/ correct problem sets for the M.Sc. course of <i>Microeometrics</i> (Bocconi University; AY 21/22).
Feb 2021 - Mar 2021	<b>Teaching Assistant</b> for prof. Eliana La Ferrara. - Lectured a TA session on social media data for the Ph.D. course <i>Political Economy</i> (University of Oslo; AY 20/21). - Lectured a TA session on social media data for the <i>Royal Economic Society's 2021 Easter Training School on Media, Political Economy and Development</i> .
Feb 2020 - Jul 2023	<b>Teaching Assistant</b> for prof. Roberto Perotti. - Prepared problem sets for the B.Sc. course of <i>Macroeconomics and the World Economy</i> (Bocconi University; AY 19/20, 20/21, 21/22 & 22/23). - Prepared lectures for the B.Sc. course of <i>Monetary and Fiscal Policy</i> (Bocconi University; AY 19/20, 20/21 & 21/22).
Feb 2020 - Jul 2020	<b>Teaching Assistant</b> for prof. Diego Ubfal. - Lectured STATA sessions and helped prepare/ correct problem sets for the M.Sc. course of <i>Microeometrics</i> (Bocconi University; AY 19/20).
Sep 2019 - Jul 2021	<b>Teaching Assistant</b> for prof. Guido Tabellini. - Lectured TA sessions, corrected problem sets/exams for the M.Sc. course of <i>Political Economics</i> (Bocconi University; AY 19/20 & 20/21).
Sep 2018 - Jul 2021	<b>Teaching Assistant</b> for prof. Luigi Iovino. - Lectured TA sessions, helped prepare and correct exams for the B.Sc. course of <i>Macroeconomics</i> (Bocconi University, AY of 18/19, 19/20 & 20/21).
Jan 2016 - Apr 2016	<b>Teaching Assistant</b> for prof. José Tavares. - Revised literature and helped prepare lectures for the M.Sc. course of <i>European Economy</i> (Nova S.B.E.; AY 15/16).

## Professional Service

### Referee

Journal of Economic Geography

### Organization

Dec 2024 - Jun 2025	<b>Local organizer of 2nd “Text-as-Data in Economics” Workshop, in Lancaster</b> Two-day workshop on the use of text-as-data methods in economics. Held at the Lancaster University Management School on May 15-16, 2025. Key-note speakers: dr. Andreas Hoefele (Ofcom), prof. Arianna Ornaghi (Hertie School) and prof. Carlo Schwarz (Bocconi University).
Dec 2023 - Jun 2024	<b>Co-organizer of 1st “Text-as-Data in Economics” Workshop, in Liverpool</b> Two-day workshop on the use of text-as-data methods in economics. Held at the University of Liverpool Management School on June 24-25, 2024. Key-note speakers: prof. Elliott Ash (ETH Zurich) and prof. Sophie Hatte (ENS Lyon).
Sep 2019 - Jun 2021	<b>Co-organizer of Food For Thought (F4T)</b> Weekly brownbag series, internal to Bocconi, for Ph.D. students and faculty to present work-in-progress. Coordinated by prof. Eliana La Ferrara.

## Other Professional Experience

Aug 2025 - Sep 2025	<b>External Evaluator for Portugal 2030 (ANI – Agência Nacional de Inovação)</b> - Evaluated R&D and innovation project proposals in AI for the Portuguese national funding programme “Portugal 2030”, including participation in remote evaluation panels and preparation of assessment reports.
Dec 2016 - Jul 2017	<b>Professional Internship</b> at Banco de Portugal, Financial Stability Department. - Assisted in updating different department-specific data routines and in preparing data descriptions for the BoP’s Financial Stability Report.
Mar 2016 - Dec 2016	<b>Research Assistant</b> for prof. Francesco Franco. - Assisted in estimating fiscal cyclicity measures for a panel of OECD economies, for the Fundação Francisco Manuel dos Santos’s research project “Characterization of the Portuguese Fiscal System”.
Mar 2016 - Jul 2016	<b>Research Assistant</b> for prof. José Tavares. - Assisted in elaborating a theoretical framework for the International Monetary Fund’s Working Paper WP/16/230 “Fiscal Discipline and Exchange Rates: Does Politics Matter”.
Jan 2015 - Jul 2015	<b>Research Assistant</b> for prof. Miguel Lebre de Freitas. - Assisted in “expert studies on export performance and on internal devaluation in the context of a performance audit of the Greek economic adjustment programme” for the European Court of Auditors.

## Skills and Languages

Python, L <sup>A</sup> T <sub>E</sub> X:	Expert	Portuguese:	Native
Stata, Office:	Advanced	English:	Fluent
Matlab, R:	Beginner	Italian:	Proficient

## References

prof. Eliana La Ferrara  
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Last updated: December 11, 2025.