Alba Miñano Mañero

Email: alba.minano@cemfi.edu.es
Webpage: https://albaminanomanero.github.io/
Address: CEMFI, C. Casado del Alisal, 5, Madrid (28014)

Education

Ph.D. in Economics   *September 2019 – July 2023*
CEMFI (Madrid)
Advisor: Diego Puga

M.Sc. in Economics and Finance   *September 2017 – June 2019*
CEMFI (Madrid)

B.Sc. in Economics - Mention in Economic Analysis   *September 2013 – June 2017*
Universitat de València (València)

Academic Experience

Lecturer:

Geographic Data Science for Applied Economist, CEMFI, Madrid   *Fall 2019, Fall 2020*
  Self-contained short course on Spatial data Science taken by all graduate students in the Urban Economics course taught by Elisabet Viladecans-Marsal (2019) and Diego Puga (2020).

Teaching Assistant:

International Economics (Master), CEMFI, Madrid   *January–March 2020*
  Taught by Paula Bustos.

Introductory Mathematics (Master), CEMFI, Madrid   *September 2019*
  Taught by Pedro Mira.

Grader:

Introductory Statistics (Master), CEMFI, Madrid   *September 2020*
  Taught by Pedro Mira.

Introductory Mathematics (Master), CEMFI, Madrid   *September 2020*
  Taught by Joan de Martí.

Professional and Research Experience

Research Assistant:

Diego Puga   *September 2020–Present*
Paula Bustos   *September 2019 – September 2020*
Joan Monras   *August 2018 – September 2018*
Undergraduate Summer Internship (CEMFI)   *June 2016 – July 2016*

Other

Summer Intern (Compass Lexecon, Madrid)   *July 2016 - September 2016*

Research

When are D-graded neighborhoods not degraded? Greening the legacy of redlining

This paper explores how geography shapes the long-term effects of historic redlining policies. Comparing neighborhoods deprived of credit by the US Federal government, D-graded, with adjacent C-graded ones –subject to a less stringent policy– shows that four decades after the outlawing of redlining, gaps in home values, income, and racial composition are less prevalent in D-graded areas near the coast or a park. To understand the sources of faster convergence, we assemble for all cities of interest a geo-located inventory of waterfront modifications, a novel panel of tree coverage constructed by applying machine learning to historical imagery and current near-infrared images, and an instrument for changes in tree canopy exploiting tree replacements due to geographic variation in tree plagues and susceptible species. Results show that improvements in abandoned waterfronts and expansions in tree coverage drive the faster convergence.

Work in progress
I see trees of green: constructing panels of tree canopy with aerial imagery.

City buzz: Face-to-Face interaction and the urban environment, **with Dani Arribas-Bel, Souneil Park and Diego Puga.**

The *Park Movement* and the urban mortality transition.

Pre-graduate:
Unemployment, spell duration and the burden of unemployment in Spain during the XXI Century, **with Francisco Goerlich** (2018). *Working Papers Serie EC* 2018-02, Instituto Valenciano de Investigaciones Económicas.

Awards and scholarships

Graduate:
SAEe PhD student grant, Fundación Ramón Areces and Spanish Economic Association, 2022
FPI Grant, Ministry of Economy and Competitiveness (Spain), September 2020–Present
Best Third Year Paper, CEMFI, September 2020
PhD Scholarship, CEMFI, September 2019 – September 2020
María de Maeztu PhD track Fellowship, CEMFI, September 2018 - August 2019
PhD track full scholarship, CEMFI, September 2017 - June 2018

Pre-graduate:
Award to Academic Excellence, Generalitat Valenciana, 2018
Award to Financial Excellence, Universitat de València and ASSET , 2018
Award to Best Academic Performance, Universitat de València and COEV, 2018
Award to Extraordinary Performance, Universitat de València, 2018
Research Collaboration Scholarship (tutor: Francisco Goerlich), Ministry of Education, Culture and Sport (Spain), 2016-2017
VII Contest on taxation (team awarded third prize), APAFCV and Universitat de València, 2016
Award to Extraordinary Secondary Education Performance (First position), Generalitat Valenciana, 2013

Seminar presentations

2023:
Universitat de València (València); LSE Economic Geography (London)

Conference presentations

2022:
SAEe (València); 16th North American Meeting of the UEA (Washington, D.C.); UEA Summer School (Barcelona)

2019:
X Jornadas de Posgrado – UIMP Summer School (Santander)

Programming Skills

Geographic Data Science (Python, R, ArcGIS, QGIS), Stata, Matlab, Latex.

Developed fully automatized code to detect tree coverage in historical aerial imagery using recent near-infrared imagery as training data to construct the first panel data of tree coverage for US metropolitan areas.

Languages

Spanish (Native), Catalan (Fluent), English (Fluent), Italian (Fluent), French (Intermediate).

Other

"To apply or not to apply? (Focus on the apply part)" – mentoring sessions about graduate studies in Economics for CEMFI Undergraduate Summer Interns, 2021, 2022, 2023

Zoom moderator in CURE (hybrid), CEMFI, 2021

Ph.D. Student Representative, CEMFI PhD Quality Committee, September 2019 – December 2021

M.Sc. Student Representative, CEMFI Master Quality Committee, January 2018 – July 2019

References

Diego Puga
CEMFI
diego.puga@cemfi.es

Elisabet Viladecans-Marsal
University of Barcelona and Barcelona Institute of Economics
eviladecans@ub.edu

Dani Arribas-Bel
University of Liverpool and Alan Turing Institute
d.arribas-bel@liverpool.ac.uk

Updated April, 2023