

PIERRE COSTER

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EDUCATION

University of Southern California 2022-...

PhD in Economics

First year core sequence in Macroeconomics, Microeconomics and Econometrics

Second year courses in International Trade, Urban Economics, IO, Empirical Methods, Macroeconomics

Barcelona School of Economics - Pompeu Fabra 2019-2020

MSc in Economics

Classes in Macroeconomics, Statistics, Econometrics, Labor Economics

Master Thesis on capital adjustment costs and the labor share decline

Second prize of the Banque De France (French Central Bank) student essay contest

SciencesPo Paris

MSc in International Economic Policy 2016-2019

Classes in International Macroeconomics, Panel Data, International Trade

BA in Social Sciences 2013-2016

Classes in Development Economics, Political Science, History and Law

WORK AND RESEARCH EXPERIENCE

Sciences Po - Economics Department September 2021 - ongoing

Research Assistant *Paris, France*

- Research and coding support on Stata and Matlab for Isabelle Mejean and her co-authors
- Three main papers. **(i)** Supply shock's effects on supply chains using a DiD framework - IMF Economic Review 2023 **(ii)** Propagation of foreign shocks to the domestic economy using a Ricardian model - JPE 2024. **(iii)** Firm level Ricardian model with search frictions to study the dynamic adjustment of trade to relative price shocks - WP.

European Central Bank September 2020 - August 2021

Research Assistant - DG Research *Frankfurt Am Main, Germany*

- Research and coding support using big data with Stata, Python and SQL
- Three main papers. **(i)** Low rates and life insurances' risk taking using panel regressions with A. Maddaloni & S. Corradin. **(ii)** Creation of Firm-bank exposure network using Python data management techniques with C. Mendicino. **(iii)** Bail-out reforms and households holdings of bank bonds holding using a triple DiD framework with D. Marques Ibañez, F. Fiordelisi and G. Pennachi.
- Econometric analysis for a book published by A. Maddaloni and G. Scardozzi, *The New Bail-In Legislation*, Palgrave Macmillan, 2022.

OECD*SME Finance Research Trainee*

August 2018 - June 2019

Paris, France

- Production of the annual report on “Financing SMEs and Entrepreneurs”
- Econometric analysis of lending, financing, VC and business angels data using Stata

American Enterprise Institute*Dr. Barfield’s Research Trainee*

February 2018 - June 2018

Washington, D.C.

- Quantitative assistance to Dr. Claude Barfield in his research on International Trade
- Writing of a paper on the EU trade strategy, used by Dr. Barfield as a reference

CM-CIC Market Solutions (French bank)*Economist Trainee*

June 2017 - December 2017

Paris, France

- Writing of studies on public policies, monetary policies and other macroeconomic issues such as sovereign bonds, forex, banking regulation. Production of economic forecasts using R

RESEARCH

Clean or dirty? Firms’ import decisions, carbon leakage and carbon taxation*Pierre Coster, Julian di Giovanni and Isabelle Mejean**Working paper*

- We examine the impact of the Carbon Border Adjustment Mechanism (CBAM) and the gradual phase-out of free allowances in the European Union on firms’ import decisions of dirty and clean inputs. Using a combinatorial discrete choice model, the study explores the heterogeneous effects of these policies on firms’ profits and competitiveness.

SKILLS

Languages

French (native); English (fluent - TOEFL 110); Spanish and German (intermediate)

Software & CodingOffice, STATA, L^AT_EX and MATLAB (very proficient); R, Python, Eviews, SQL, Bloomberg and Datastream (proficient)**GRE**

170/170 Quant - 159/170 Verbal - 5.0/6.0 Writing