Paul Labonne

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Github: https://github.com/paullabonne

I am an economist using machine learning and data science to tackle macroeconomic questions.

Education

	King's College London
2022	PhD Economics
	Supervised by Prof. Martin Weale
	Scholarship in economic measurement from ESCoE
	University of Warwick
2016	MSc Economics
	Paris School of Economics
2015	MA Economics
	University Paris 1 Panthéon-Sorbonne
2014	BSc Economics

Work experience

	CAMP, BI Norwegian Business School
2021 -	Postdoc
	Economic Statistics Centre of Excellence (ESCoE)
2017-2021	Doctoral researcher
	National Institute of Economic and Social Research
2017	Research internship
	European Investment Bank
2017	Graduate internship, Economics Department

Teaching

Teaching assistant, King's College London,
Mathematics (Y1, 2019), Principle of Macroeconomics (Y2, 2018, 2019), Advanced Macroeconomics (Y3, 2018), Macroeconomics (Y2, 2018)

Teaching assistant, Warwick Summer School,
Money and Banking (2017, 2018)

Scientific programming

R - creator and maintainer of package BayesMultiMode, available on CRAN
Python with **NumPy**, **pandas** and **Selenium**
JAX for automatic differentiation and accelerated computing
C++ with Rcpp and CppAD
Git, **Docker**
see my Github for a full overview

Publications

Asymmetric uncertainty: nowcasting using skewness in real-time data, *International Journal of Forecasting*, 2024

Bayesian mode inference for discrete distributions in economics and finance, avec Jamie Cross, Lennart Hoogerheide and Herman K. van Dijk, *Economics Letters*, 2024

Temporal disaggregation of overlapping noisy quarterly data: Estimation of monthly output from UK Value Added Tax data, avec Martin Weale, *Journal of the Royal Statistical Society A*, 2020

The financial foundations of the productivity puzzle, avec Jagjit S. Chadha and Amit Kara, *National Institute Economic Review*, 2017

Work in progress

Risky news and credit market sentiment, avec Leif Anders Thorsrud

BayesMultiMode: Bayesian mode inference in R, avec Nalan Basturk, Jamie Cross, Peter de Knijff, Lennart Hoogerheide and Herman K. van Dijk

Aggregate disagreement, avec Jamie Cross

The role of economic news and judgment in inflation forecasts

Peer-review activity

International Journal of Forecasting

Conferences and seminars

2024	SNDE, Padova
2023	SNDE, Orlando
	Workshop on Macroeconomic Challenges for Open Economies, Sydney
	Time Series and Forecasting Symposium, University of Sydney, Sydney
	Computational and Financial Econometrics, Berlin
	Workshop on Nowcasting, Paris School of Economics, Paris
2021	ESCoE Annual Conference on Economic Measurement, London
	3rd QMUL Economics and Finance Workshop, London
	11th ECB Conference on Forecasting Techniques, online
	International Symposium on Forecasting, online
2019	Workshop on Time Series Methods for Official Statistics, OECD, Paris
	Internal seminar, Office for National Statistics, Newport
	ESCoE Annual Conference on Economic Measurement, London
	Royal Economic Society Annual Conference, Warwick University, Coventry
	Workshop on score-driven time series models, Cambridge University
	Eurostat NTTS, Brussels
	Research seminar, Now-casting/London Business School, London
2018	23rd Government Statistical Service Methodology Symposium, London
	Research seminar, Office for National Statistics, Newport
	ESCoE Annual Conference on Economic Measurement, London

Languages

French (native), English (fluent)