

Dr. Binzhi Chen

910 Guild Point, 36 Sherlock Street Birmingham West Midlands B5 6EN
Binzhi.Chen@essex.ac.uk • +(44) 7931174273 • <https://sites.google.com/view/binzhichen/home>

WORKING EXPERIENCE

University of Essex, Colchester, UK

- Senior Research Fellow, Institute for Social and Economic Research (ISER) Sep 2025
- Research Area: Double Debiased Machine Learning & Econometric Theory & Computational Social Science

EDUCATION

University of Birmingham, Birmingham, UK

- Ph.D. in Economics Sep 2020 – Jan 2025

Research Area: Applied Econometrics & Econometric Theory, Clustering Analysis, Data Science

- MSc in Financial Economics with Distinction Oct 2018 – Oct 2019

Northeast Forestry University (Mainland China 211 Project), China

- BSc in Economics & Management Sep 2014 – Jun 2018

Chinese Culture University, Taipei, Taiwan

- Exchange Student for International Business Administration Sep 2016 – Jan 2017

PUBLICATION

Job Market Paper

- **Double Machine Learning for Static Panel Data Models with Interactive Fixed Effects** (with Annalivia Polselli and Paul Clarke)

Working Paper

- **Panel VAR with Latent Group Structures** (with Marco Barassi and Yiannis Karavias)
- **Growth Patterns in Income Inequality** (with Marco Barassi and Yiannis Karavias)
- **Testing for Granger Non-causality in Grouped Panels** (with Marco Barassi and Yiannis Karavias)
- **Critical Review of Carbon-Emitting Energy as an EKC Regressor: New Evidence from US State-Level Data** (with Marco Barassi and Jacint Balaguer)

TEACHING EXPERIENCE

Lecture

- Module Leader: University of Essex Jan 2026 – Apr 2026
1. Postgraduate Level: Applications of Data Analysis

Teaching Assistant

- Teaching Assistant: University of Birmingham Sep 2021 – Jun 2025

1. Postgraduate Level: Econometrics
2. Undergraduate Level: Advanced Econometrics and Applications
3. Undergraduate Level: Introductory Econometrics
4. Undergraduate Level: Economics for Business
5. Undergraduate Level: Economics Extended Essays

- Visiting Lecturer: City University of London Feb 2022 – Jun 2025
1. Undergraduate Level: Intermediate Econometrics

2.Undergraduate Level: Intermediate Macroeconomics

3.Undergraduate Level: Data Analysis 2

- Teaching Assistant: Sun Yat-sen University STATA Summer Seminar Jun 2020 – Aug 2020

**PROFESSIONAL
ACTIVITIES**

Associate Fellowship from UK Advance Higher Education (**AHEFA**)

Fellowship from UK Advance Higher Education (**HEFA**)

Member of the Royal Economic Society

Member of the Scottish Economic Society

CONFERENCE

PhD Seminar, Departments of Economics at University of Birmingham, UK Mar 2022

Peter Sinclair Conference, Departments of Economics at University of Birmingham and University of Oxford, UK Apr 2022

Scottish Economic Society Annual Conference 2022, Scottish Economic Society, UK Apr 2022

2022 BBS Annual Doctoral Conference, Birmingham Business School, UK May 2022

PhD-EVS seminar, PhD-EVS May 2022

The 27th International Panel Data Conference, University Residential Centre of Bertinoro, Italy Jun 2022

Midlands Graduate School Student Conference 2022, Loughborough University, UK Jun 2022

Symposium of Econometric Theory and Applications (SETA2022), Yonsei University Jul 2022

Oxford Machine Learning Summer School 2022 (ML x Finance track), Oxford University, UK Aug 2022

The 63rd Annual Conference of the Italian Economic Association, University of Torino, Italy Oct 2022

16th International Conference on Computational and Financial Econometrics (CFE 2022), King's College London, UK Dec 2022

Quantitative Methods in Social Sciences (ESRC Midlands Graduate School DTP), University of Warwick, UK Mar 2023

The 28th International Panel Data Conference, University of Amsterdam, Netherlands Jul 2023

17th International Conference on Computational and Financial Econometrics (CFE 2023), University of Applied Sciences, Germany Dec 2023

Royal Economic Society Annual Conference 2024, University of Belfast, UK Mar 2024

REFEREE

Humanities & Social Sciences Communications, Springer Nature

TALKS & SPEAKS

Machine Learning & AI Session for Business School and Economics: How BlueBEAR helps Business School Research? From the Perspective of Econometrics, University of Birmingham

Nov 2022

**AWARDS &
SCHOLARSHIPS**

College of Social Science Scholarship (College)

Sep 2020-Sep 2024

The Department of Economics Scholarship

Sep 2020-Sep 2024

Second-class Scholarship of Northeast Forestry University

2015 - 2016 - 2017

LANGUAGES

Chinese (Mandarin)

- Can read, write, speak and peer review

English

- Can read, write, speak and peer review

SKILLS

STATA, MATLAB, Python, Julia, R, L^AT_EX, Git, Markdown, Tableau, Eviews, SPSS

REFERENCES

- **Dr. Marco Barassi**

The Department of Economics
Associate Professor of Econometrics
Programme Director
University of Birmingham
m.r.barassi@bham.ac.uk • +44 (0) 121 414 6648

- **Prof. Yiannis Karavias**

The Department of Finance
Chair in Finance Department
Brunel University London
Yiannis.Karavias@brunel.ac.uk • +44 (0)121 415 8214

[CV compiled on 2026-03-05 for Academic]