

# Dr. Binzhi Chen

910 Guild Point, 36 Sherlock Street Birmingham West Midlands B5 6EN  
Binzhi.Chen@essex.ac.uk • +(44) 7931174273 • <https://rickchen0910.github.io/>

## 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<sup>A</sup>T<sub>E</sub>X, 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 2026-03-23 for Academic]*