

ZHOU YUWEN 周宇文

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RESEARCH INTERESTS

Behavioural Economics, Experimental Economics, Applied Microeconomics

EDUCATION BACKGROUND

NANYANG TECHNOLOGICAL UNIVERSITY(NTU) – Singapore

Jan 2024– Present

Doctor of Philosophy (Economics)

- Cumulative GPA: 5.00/5.00 (Top 1% student)
- Scholarship and Awards:
 - NTU Research Scholarship

NANYANG TECHNOLOGICAL UNIVERSITY(NTU) – Singapore

Nov 2022 – Oct 2023

Master of Science (Applied Economics)

- Cumulative GPA: 5.00/5.00 (Top 1% student)
- Concentration on Advanced Microeconomic Theory, Advanced Macroeconomic Theory, Quantitative Methods, Applied Econometrics, Behavioural Economics for Policy Analysis, Seminar Course on The Singapore Economy
- Scholarship and Awards:
 - Award of Half Tuition Fee waiver for all trimesters
 - Book Prize for Top 1 students

THE UNIVERSITY OF SYDNEY (USYD) – Australia

Aug 2016 – Dec 2021

Bachelor of Commerce (Honours) in Economics

- First Class Honour
- Weighted Average Mark: 84.40/100 (Top 2% Student), Economic Major GPA: 90/100 (Top 1% Student)
- Concentration on Economic Analysis, Analysis of Panel Data, Econometrics Analysis, Quantitative Business Analysis, Quantitative Methods in Economics, Econometrics, Mathematical Economics, Advanced Microeconomics, Advanced Macroeconomics Analysis, Advanced Microeconomic Analysis, Applied Macroeconometrics, etc.
- Scholarship and Awards:
 - The University of Sydney Honours Scholarship (Awarded to Honours students with the excellent academic performance)
 - Dean's List of Excellence in Academic Performance
 - The University of Sydney Academic Merit Award (Top 10% students based on the academic performance)

RESEARCH EXPERIENCE

Trade Agreement Exits and Welfare - University of Sydney, Australia

Mar 2021 – Dec 2021

Supervisor: Associate Professor Mark Melatos

- Adopt 3 steps counterfactual analysis methodology, estimate the baseline scenario in step 1, which aims to obtain the partial effect of RTA using gravity model via PPML estimation.
- Propose counterfactual scenarios in step 2 which either FTA or CU does not present, and then construct counterfactual trade cost under both counterfactual scenarios.
- Estimate the two types of general equilibrium effects: conditional and Full in step 3, allow only trade cost and multilateral resistance terms in gravity model change under conditional GE, but change all variables affecting trade volume in the full GE.
- Design complicated Stata command to predict the counterfactual trade and counterfactual real GDP, obtain both conditional and full GE effects by comparing the real data with constructed counterfactual data.

Are Regional Trade Agreements Really Beneficial? - University of Sydney, Australia

Mar 2021 – Jun 2021

Supervisor: Dr Jian Hong

- Led group members to analyse the effect of RTAs on trade using panel data and gravity model, focused mainly on the different estimation techniques: Ordinary Least Square Estimation and Hybrid Fixed Effect and Random Effect Estimation.
- Adopted different estimation techniques to account for different types of endogeneity present: omitted variable bias and unobserved heterogeneity, conducted Hausman Test to question the exits of unobserved heterogeneity.

- Concluded that without accounting for unobserved heterogeneity, the effects of RTA will be biased downwards which coincide with findings of Baier and Bergstrand (2007).

Free Trade Agreement Analysis - University of Sydney, Australia

Mar 2021 – Jun 2021

Supervisor: Associate Professor Mark Melatos

- Reproduced the main propositions listed by Missios et al., 2016: bilateral FTA formed between member countries will induce non-member to lower tariff towards member countries, using both mathematical formulas and graphical tools
- Adopted 2 steps in the analysis, first proved that optimal tariffs of all countries are non-negative when FTA is not formed, then showed that tariffs imposed by different countries are strategic complements, thus when member countries lower its tariff due to FTA signed, non-member countries should also lower their tariffs

WORKING PAPERS

- Does Generative AI enhance group efficiency: Evidence from a threshold public goods game (with Yohanes E.Riyanto and Luo Hongying)
- Does Generative AI prioritize efficiency over fairness? (with Yohanes E.Riyanto and Luo Hongying)

TEACHING EXPERIENCE

Nanyang Technological University, Singapore

Aug 2025 – Dec 2025

Teaching Assistant

- Taught weekly tutorials in Microeconomics and Econometrics, delivering six hours of instruction per week to over 200 undergraduate students.
- Monitored and graded the final examination of the semester.
- Conduct the consultation session with assistance-need students, etc.

Shaanxi Energy Institute, China

Dec 2021 – Jan 2022

Teaching Assistant

- Assisted the lecturers in preparing lectures materials to hundreds of students (both on-campus and online study).
- Monitored and graded the final examination of the semester.
- Conduct the consultation session with assistance-need students, etc.

HD Education, Australia

Mar 2018 – Dec 2021

Subject Tutor (Economics-related subjects)

- Taught 4 main courses: Introduction to Econometrics, Intermediate Econometrics, Economics of Competition and Strategy and International Trade to over 200 students per semester.
- Designed and developed the teaching material, and shared teaching skills and materials to other tutors.
- Helped students master in statistical software program Stata and equipped them with sufficient analytics skills for future research studies.
- Applied real-life examples to explain the potential incentive conflicts within the firms and how applicable of each model is to resolve real-life incentive problems in Economics of Competition, addressed the importance of economic model in explaining real-life international trade patterns and trade policies in International Trade.
- Awarded “Best Tutor” in two consecutive years 2020 and 2021.

ADDITIONAL INFORMATION

- *Technical Skills:* Microsoft Office, Stata, MATLAB, R, Python
- *Languages:* Mandarin (Native), English (Fluent)
- *Interests:* Running (Over 700km from 2020 to 2021), Dance and Taekwondo
- *Work Authorization:* China (Citizen), Australia (Student Visa)