

Yunjia Zou

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Brief Summary

Master's student in Economics at the University of Sydney, with a strong interest in empirical research and quantitative analysis. Familiar with econometric modelling, regression diagnostics, and data cleaning using Stata, and able to produce well-structured academic outputs using LaTeX. I am currently exploring various research areas and would love the opportunity to assist in ongoing projects and learn through collaboration.

Education

The University of Sydney *Master of Economics* *Jul 2024 – Jun 2026*

- Specialist in Econometrics, Financial Econometrics
- Main Courses Selected: Econometric Applications, Microeconomic Analysis, Macroeconomic Analysis
- Annual Average Mark: 78.5/100

Chongqing Technology and Business University *Bachelor of Accounting* *Sep 2019 – Jul 2023*

- GPA: 3.6/4.0

Experience

ECMT6002 Econometric Application Project – Analysis Using Microdata from Terza (2002)

- Designed and executed a comprehensive empirical study assessing the impact of alcohol abuse on employment outcomes using micro-level data from Terza, J.V. (2002, *Journal of Applied Econometrics*).
- Developed and estimated a linear probability model, carefully selecting controls (demographics, health status, macro indicators) to isolate the treatment effect.
- Applied advanced econometric techniques including Wald tests, Likelihood Ratio, and Lagrange Multiplier tests to assess individual and joint significance of explanatory variables.
- Conducted robust model diagnostics: identified heteroskedasticity through the White and LM tests; implemented White's robust standard errors to correct for inference bias.
- Addressed potential endogeneity via instrumental variable analysis, using parental alcohol history as instruments for alcohol abuse status.
- Produced a polished research report in LaTeX, integrating regression outputs from Stata with publication-ready formatting and policy-relevant interpretation.

Management Consultant Intern

Sydney, Jun – Sep 2024

SUYI Translation Pty Ltd

- Applied microeconomic modeling and cost-benefit analysis to improve pricing strategy and operational efficiency.
- Leveraged user data to inform data-driven product and workflow recommendations, enhancing client retention and conversion.

Referee: Mr. Lucy Lee, Senior Manager, SUYI Translation Pty Ltd

Email: lucy@suyi.com.au [!\[\]\(1f56542a42e2413e44a2b2023033aa2e_img.jpg\)](#)

Phone: +61 492 125 650

Skills

- **State:** Skilled in running regression models (OLS, IV, LPM etc), conducting diagnostic tests (White, LM), applying robust standard errors, and managing micro-level survey data for empirical analysis.
- **LaTeX** Proficient in producing professional research reports, formatting equations and regression tables, and integrating Stata outputs using esttab for academic presentation.