Rongzhao Zhu

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Research School of Economics, The Australian National University
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Education

Australian National University

Ph.D. in Economics	(expected) 2025

Supervisory panel: José A. Rodrigues-Neto (Chair), Ruitian Lang, Idione Meneghel
Research interest: Applied Game Theory, Decision Theory and Structural Estimation

Master of Economics With Commendation	2021

Wuhan University

Bachelor of Philosophy, Bachelor of Economics (Minor)	2019

Research

Family Time-Income Allocation (with José A. Rodrigues-Neto), *working paper*.

Abstract: This paper models the time and income allocation of a two-agent family. Each agent chooses the time they spend producing a household public good and the time working to earn income. Agents have interdependent (altruistic) preferences and can make a voluntary financial transfer to the other agent. We find the Nash equilibrium (NE) of the non-cooperative game, and the corresponding allocation and utilities. We compare the non-cooperative NE to Pareto efficient allocations. In a cooperative family, agents allocate their time and income by symmetric Nash bargaining, using the non-cooperative NE as the disagreement point. Finally, this paper calculates the marginal effects in each agent's ability to earn income on the cooperative income allocation and the indirect utility.

Status Goods and Inequality (with Rogério Mazali and José A. Rodrigues-Neto), *in progress*.
Estimation of Deliberately Stochastic Model (with Sh. L. Liu and Jingni Yang), *in progress*.

Presentation

Conference

Chinese Economists Society China Annual Conference	(scheduled) 2025
Biennial Conference of the Asian Consumer and Family Economics Association	(scheduled) 2025
Australian Annual PhD Conference in Economics and Business	2024

Seminar

Research School of Economics, Australian National University	2024

Teaching

Teaching Assistant, Australian National University

Microeconomic Analysis (Postgraduate)	2024 S1, 2025 S1
Advanced Microeconomic Analysis (Postgraduate)	2024 S2
Behavioral Economics (Undergraduate)	2022 S2, 2023 S2
Strategic Thinking: An Introduction to Game Theory (Undergraduate)	2023 S1

Skills

Programming: Python
Data Analysis: Eviews, STATA
Language: Mandarin (Native), English (Fluent)

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