

Zhan Zhu

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Education

Shanghai University of Finance and Economics, School of Economics Sept 2024 – July 2026
M.S. in Financial Econometrics (expected)
GPA: 3.72/4.00

- **Advisor:** Simin He
- **Coursework:** Advanced Microeconomics II, Advanced Econometrics

Shanghai University of Finance and Economics, School of Economics Sept 2020 – July 2024
B.A. in Mathematical Economics

- **Advisor:** Qianfeng Tang
- **Coursework:** Advanced Microeconomics, Intermediate Macroeconomics, Measure Theory, Ordinary Differential Equations, Stochastic Processes, Experimental Economics

Research Interests

Behavioral and Experimental Economics, Microeconomic Theory

Working Papers

Ekici's Reclaim-proof Allocations Revisited, Qianfeng Tang, **Zhan Zhu**, 2024

(Paper submitted to *Journal of Mathematical Economics*) Available at SSRN: 10.2139/ssrn.4983814

Descriptions: This paper revisits the concept of reclaim-proof allocations proposed by Ekici (2013) for house allocation problems with existing tenants and proposes a new notion of core called the effectual core by restoring the feasibility of coalitional blocking in Ekici's definition. The main result shows that the effectual core, while by definition weaker than reclaim-proofness, is actually equivalent to it. An allocation is in the effectual core if and only if it is produced by the *You request my house-I get your turn* (YRMH-IGYT) mechanism (Abdulkadiroğlu and Sönmez, 1999) and if and only if it is a competitive allocation.

Research Experience

Research Assistant, Shanghai University of Finance and Economics June 2024 – Present
Experimental Economics Project

Supervised by: Simin He *Collaborator:* Qianfeng Tang, Bin Miao (Renmin University of China)

- Design and program experimental games using oTree to study decision-making under contingent thinking.
- Collaborate with the research team to refine experimental designs.
- Participate in weekly research meetings, draft and revise experimental instructions.
- Conduct experiments on Prolific, collect data, and perform data analysis to derive insights.

Awards and Honors

Outstanding Undergraduate Thesis, Shanghai University of Finance and Economics June 2024

Thesis title: *Reclaim-proof Allocations Revisited*

- The thesis is currently revising for submission in collaboration with my advisor Qianfeng Tang as *Ekici's Reclaim-proof Allocations Revisited*.

Graduate Academic Scholarship, Shanghai University of Finance and Economics Sept 2024

Skills

Languages: English (proficient), Mandarin(native)

Programming: oTree, Python, LaTeX, STATA