

Andrew A. Tai

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Education

Ph.D. Economics, UC Berkeley, 2018-present
(expected graduation 05/2024)

B.A. Economics & Applied Mathematics, UC Berkeley, 2015
with Highest Honors, Phi Beta Kappa

Research Interests

Primary: Microeconomic theory, matching, mechanism design
Secondary: Networks, game theory, applied microeconomics

Working Papers

“Revealed Preferences of One-Sided Matching.” [[arXiv](#)]

Abstract: Consider the object allocation (one-sided matching) model of Shapley and Scarf (1974). When final allocations are observed but agents’ preferences are unknown, when might the allocation be in the core? This is a one-sided analogue of Echenique, Lee, Shum, and Yenmez (2013). I build a model in which the strict core is testable – I say an allocation is “rationalizable” if there is a preference profile putting it in the core. Leveraging simple graph theory and combinatorial optimization, I give if and only if conditions for an allocation to be rationalizable. The main theorem also partially identifies the set of preferences which rationalize an allocation.

“House-Swapping with Objective Indifferences.”

Conferences

2022 – CLIMB Retreat, UC Berkeley

Research Assistantships

Research Assistant, for David Card, Summer 2019

Research Assistant, for Stefano DellaVigna, 2017-2018

Research Associate, Federal Reserve Bank of San Francisco, 2015-2017
(for Mark Spiegel, Zheng Liu, and Fernanda Nechio)

Pre-PhD Publications

“Measuring the Effects of Dollar Appreciation on Asia: A FAVAR Approach” (with Zheng Liu and Mark Spiegel). 2017. *Journal of International Money and Finance*.

“International Transmission of Japanese Monetary Shocks under Low and Negative Interest Rates: A Global FAVAR Approach” (with Mark Spiegel). 2019. *Pacific Economic Review*.

Other Research

“The Great Leap Forward: Assessing Official Accounts and Long Term Effects.” 2019.

“Slow Credit Recovery and Excess Returns on Capital” (with Zheng Liu). 2016. *FRBSF Economic Letters*.

“Dollar Appreciation and Asian Economies” (with Zheng Liu and Mark Spiegel). 2017. *VoxChina*.

Dissertation Committee

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Teaching

ECON C110 – Game Theory in the Social Sciences

ECON 152 – Labor Economics

ECON 104 – Advanced Economic Theory

ECON 201A/B – Microeconomic Theory (PhD)