

Tian Lin Liu

Texas A&M University
Department of Economics

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Education

Ph.D. Texas A&M University
Economics

August 2020 - Present

B.A. Rhodes College
Mathematics and Economics

2016 - 2020

Research Interests

Mechanism Design, Experimental Economics, Political Economy

Job Market Paper

Vote to Give: Evaluating Voting Rules Using Consequential Elections

Despite growing interest in replacing plurality rule in general elections, there is limited causal evidence regarding the effects of alternative voting rules. This study employs a field experiment in which voting competitions between charities serve as proxies for political elections to estimate the impact of different voting rules on important voter behavior such as participation and strategic voting. Data from the contests indicate that voters in elections using single-winner ranked choice voting (RCV) are up to 10 percentage points more likely to participate in subsequent elections. This increase is not uniform and depends crucially on the composition of candidates in elections. Further analysis reveals that these differences arise not from novelty or expressiveness in voting rules but from variations in how winners are aggregated across elections.

Other Research

1. Registrar Redesign: Optimizing Room Scheduling Through Market Design
Data analysis in progress
2. Voting Rules and Campaign Polarization: Consequences for Voter Choice
Data collecting stage

Conference Presentations

- 2024 Texas Economic Theory Camp, Public Choice Society (Dallas), Behavioral Models of Politics (Pittsburgh), COMSOC Rump Session
- 2023 Southern Economic Association 93rd Annual meeting (New Orleans), North-American Economic Science Association Meeting (Charlotte)

Workshop Participation

- 2024 Caltech CTESS Summer Institute in Theory-Based Experiments + Post-Program Workshop; The Chicago School in Experimental Economics (online)
- 2023 Israel Institute 33rd Advanced School in Economic Theory: Imperfect Cognition and Economic Behavior

Honors & Awards

Honors

- John Van Huyck Fellowship, Texas A&M University 2023
- Departmental Assistantship, Texas A&M University 2020 - Present
- Presidential Scholarship

Teaching and Research Experience

Texas A&M University

- Teaching Assistant, Market Design Spring - Fall 2024
- Instructor, Hullabaloo U Fall 2023
- Teaching Assistant, Mathematical Economics Fall 2023
- Instructor, Experimental Economics Summer 2023
- Teaching Assistant, Introduction to Econometrics Fall 2021 - Spring 2023
- Teaching Assistant, Contemporary Economic Issues Spring 2021
- Teaching Assistant, Intermediate Microeconomics Fall 2020 - Spring 2021
- Teaching Assistant, Introduction to Microeconomics Fall 2020

Research Assistant

- Kalena Cortes, Text4Teens May 2022 - August 2023
Middle school texting curriculum that focuses on the social-emotional skill development of children, child progression through school and close parent-child relationships.
- Bassel Daher, Energy Institute May 2022 - August 2022
Multi-disciplinary energy research focusing on the effects of immigration during the time of Covid.

Professional Activities

- Journal Referee
Theory and Decision

Language Skills

- English (Native), Chinese (Conversational)

Citizenship

United States of America

References

Marco Castillo
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