Wen Tian

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			Department of Economics,
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Research Fields

Industrial Organization, Applied Microeconomics, Environmental Economics

Education

2019- present Ph.D. Candidate in Economics, The Pennsylvania State University

Advisors: Paul Grieco (chair), Mark Roberts, Conor Ryan

2017-2019 M.Phil. in Economics, The Chinese University of Hong Kong, Hong Kong

2012-2016 B.A. in Economics, Fudan University, Shanghai

Research

- **"The Role of Subsidy and Green License Policy in the Electric Vehicles Market"**

  Job Market Paper.

  Abstract: In response to global climate change and domestic environmental problems, policymakers in Beijing have implemented a series of policies to promote the diffusion of electric vehicles (EVs). This study develops a two-stage discrete choice model to identify consumers' heterogeneous preferences for EVs from the policy-influenced data set. I then use the estimated demand to quantify the welfare impacts of demand-side interventions in the EV market, including EV subsidies and the green license policy (which allows EV license to be exempted from the license quota policy). Counterfactual analysis reveals that green license policy in Beijing is cost-effective in promoting EV sales, equivalent to approximately \$7839 EV subsidies. Additionally, the study finds that neither EV subsidies nor the green license policy led to significant substitution between EVs and gasoline vehicles (GVs) during the sample period, indicating limited environmental gains from these EV promotion policies in the early stage of EV development.

- **"Heterogeneous Impacts of Vertical Restraints Antitrust Event? "**

  Working Paper.

  Abstract: In this paper, we analyze the effects of China's first antitrust case on the practice of resale price maintenance in the automobile market in August 2014. We investigate the impacts and duration of this event using a difference-in-differences framework. The results indicate that the antitrust case led to a negative sales impact of -9.108% on Audi products. However, the relationship between transaction prices set by dealers and manufacturers' suggested retail prices (MSRP) set by manufacturers remained unchanged after the antitrust case, suggesting that the Audi antitrust event was a one-time market shock.

Working Experience

2023, Summer	Amazon
	Economist Intern, SCOT Team
	Consumer In-stock Value (CIV) Team, Supply Chain Optimization Technology

- Investigated heterogeneous impact of delivery speed on regional customer demand.
- Developed automated statistical models using machine learning algorithms to elucidate fundamental business dynamics.

Technologies: Python, SQL, Stata; Random Forest(machine learning algorithms)

2022, Summer	The Pennsylvania State University, Department of Economics
	Instructor
	Courses: Intermediate Macroeconomics Analysis

2019-2022	The Pennsylvania State University, Department of Economics
	Teaching Assistant
	Courses: Industrial Organization; Environmental Economics; Intermediate Microeconomics.

2017-2019	The Chinese University of Hong Kong, Department of Economics
	Research Assistant

2015-2016	Deloitte Consulting, Shanghai
	Intern
	Management & Strategy Group

Honors and Awards

- Best Teaching Assistant Award, The Chinese University of Hong Kong, 2018
- Admission Scholarship for Excellent Students, The Chinese University of Hong Kong, 2017
- China National Scholarship (Top 0.2%), Fudan University, 2015

Languages and Skills

Languages	Chinese(native)	**Computer Skills**	Python, R, Matlab, Stata, SQL
	English(fluent)		