

Tianqi Li

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Education

Tsinghua university, Economics, Bachelor 2022 – Present

- **Personal honor:** 2022 New Student Second Prize, Chen Daisun New Student Scholarship (2022), “Tsinghua Academy Talent Training Program” Scholarship (2022-2023,2023-2024,2024-2025), Tsinghua University 42nd “Challenge Cup” Second Prize (2024), Tsinghua University 42nd “Challenge Cup” Newcomer Award (2024), Tsinghua University Outstanding Science Association Cadre (2024)
- **Coursework:** Calculus T (1, 2, 3), Probability Theory and Mathematical Statistics, Linear Algebra (Engineering), Real Analysis, Computer Language and Programming, Econometrics(1,2), Intermediate Microeconomics, Intermediate Macroeconomics, Game Theory, Public Finance, International Economics, Money and Banking

Research Interest

Micro Economics, Environmental Economics, Industry Organizations, Financial Economics

Working Paper

How does the climate change affect household consumption? Evidence from China, Under Review,*Economic Analysis and Policy*,with Zhu, Y., Shang, D., & Zhang,X Feb 2025 – Present

- **Research question:** Against the backdrop of increasingly severe climate change and its growing risks, and given the current lack of research on the micro-level impacts of climate change from a consumption perspective, this paper primarily examines the effects of climate change on household consumption.
- **Data & Method:** By integrating data from the CPRI and CFPS databases, household consumption data is matched with climate change data. Total household consumption expenditure serves as the core dependent variable, while the degree of climate change acts as the key explanatory variable. We mainly employ research methods such as benchmark regression, robustness tests, placebo tests, and PSM.
- **Conclusions:** The study concludes that climate change has a significant negative impact on household consumption. Furthermore, we find that extreme and persistent climate change has a more pronounced inhibitory effect on household consumption. Regions with low levels of industrial clustering, rural populations, recreational consumption, and groups with low levels of awareness and low wages are more vulnerable to the shocks of climate change.

Research Experience

Environmental Monitoring, Complex Risk Management, and Endogenous Economic Growth, Research Assistance,supervised by Prof. Danxia Xie Jul 2024 – Present

- Starting from the issue of oil tanker pollution, the discussion will focus on how violations of regulatory laws can lead to new complex risks. Current literature on endogenous growth theory and environmental supervision mostly establishes models based on specific scenarios. We aim to develop a more comprehensive model to analyze the more common issues of innovation, complex risk generation, and supervision.
- The introduction and literature review of the paper are currently completed. We will construct an appropriate endogenous growth model to study how monitoring can be used to manage risks, and further, how regulation can be leveraged to promote innovation.

Environmental court and green finance, Research Assistance, supervised by Dr. Xiangguo Zhang Nov 2024 – Feb 2025

- The topic explores whether the establishment of environmental courts leads to a reduction in environmental pollution, and whether the establishment of environmental courts is a reasonable environmental governance measure.
- Responsible for conducting a literature review on the Porter Hypothesis, summarizing and analyzing its core propositions and evolutionary trajectory, to provide theoretical support for the mechanism through which environmental regulation affects corporate innovation and competitiveness.

AIGC wave: The impact of AIGC on university students' learning status and the proposal of response mechanism, SRT and Tsinghua University Challenge Cup
Project Leader, supervised by Prof. Danxia Xie

Feb 2023 – Mar 2024

- Led the team in project planning, designed interview guidelines, conducted in-depth and on-the-spot random interviews with college students about their use of generative artificial intelligence and prospects for its development, and designed questionnaires to investigate the specific use and awareness of AIGC among college students.
- Using GPA as a criterion for sample segmentation, the cross-analysis reveals that high-achieving students possess a stronger ability to guide large language models, which they can then utilize to improve efficiency and enhance their professional skills. Mid-achieving students demonstrate a strong dependence on ChatGPT, leading to a "lying flat" mentality. Low-achieving students exhibit weaker guiding abilities and experience significant anxiety.
- Conducted academic report writing and data analysis, processing, and chart making, contributing more than 90 % individually and being the first author of the academic report.

Research on modern new SOEs, Research Assistant, supervised by Lisha Zhou

Jul 2023 – Aug 2023

- Study relevant literature on the development history of SOEs, modern new SOEs, government work reports, etc., and conduct the final thesis writing and ppt production, including the reform and development of state-owned assets and enterprises, the main approaches to Chinese-style modernization, etc.

"Jinjingledao" student business competition, Team leader (4 people)

Oct 2022

- Based on the memo, analyze the current situation of sports brands during the epidemic period, and propose countermeasures for related issues.

Academic Service

Anonymous reviewer for: *Economic Modeling* (2025)

Extracurricular Activities

Summer research program, DIMACS, Rutgers University

Upcoming

- Will conduct one-on-one research with faculty advisors on machine learning and training algorithms for large language models (LLMs). Plan to explore applications at the intersection of computer science, discrete mathematics, and economic theory. Expected to strengthen technical skills in algorithmic design while investigating economically meaningful LLM applications

Student Work

Sep 2022 - Present

- Vice-Chairman of the College Science Association (September 2024 - Present)
- Member of the School Committee Youth Research Center (September 2023 - September 2024)
- Member of the College Committee Practice Group (September 2022 - March 2023)

Practical Experience

Sep 2022 - Present

- “Chasing Dreams in Anhui” Volunteer Team (Teaching, Ecological Research)
- “Diligent and Thorough” Volunteer Team (Digital Governance, Rural Revitalization Research)
- “Shuji Plan” Volunteer Team in Suzhou, Jiangsu (Teaching, Industry Forum)
- Hubei Enshi Teaching Assistance
- Guanghan Research in Sichuan (Rural Revitalization)

Languages

- English, TOEFL 103, reading 25, listening 27, speaking 24, writing 27
- Chinese (native)

Software Skills

STATA, Latex, R, C, Matlab(including Dynare programming), Python, Eviews, ArcGIS

Academic Referee

Prof. Danxia Xie (Associate Professor with Tenure Institute of Economics Tsinghua University)

Institute of Economics
Tsinghua University
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Dr. Xiangguo Zhang (Post-doc Research Fellow)

Institute of Economics
Tsinghua University
Visiting lecturer Department of Finance
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