Research Interests Statement: Juncheng Jiang

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July 2025

Hello! Thank you for your interest in my research! Here is a summary of the work I am currently doing and what I want to do in the future.

My research interests include public economics on optimal taxation and transfer programs, public policy design and labour economics on income and wealth inequality, human capital acquisition etc. Other fields like macroeconomics and industrial economics are also being explored. I am willing to explore these fields by combining theoretical models, historical data, and new large-scale survey data.

The first area of my research interests specifically examines the effects of public finance and taxation policies and explores what a better quality design is. The main purpose of this is to answer: *How can we live a better life with public policies?* This includes the social and economic effectiveness of public policies made by the government on individuals, industry, and even the whole society. Poorly designed tax and social welfare systems can discourage productive activity, economic growth, and progress. I will conduct a comprehensive research by combining theory with empirical data. (i) To evaluate the effectiveness of policies, it is essential to utilize administrative data and large-scale surveys (including people's attitudes and reactions). (ii) To design an improved tax system requires adherence to the theoretical framework of optimal taxation and mechanism design. (Recently, I am writing a working paper on the value-added tax system for upstream and downstream enterprises: *Taxpayer Status and Monopoly Markup in Vertical Industrial Structure*)

However, sound public policy encompasses more than just taxation. It also involves educational equity, social security, and wealth distribution systems, which are closely related to the second area of interest I wish to discuss.

The second area is more about individuals in real life. We all spend our entire lives pursuing a more equitable education, quality jobs, and a secure retirement life. This involves individual rational decision-making and social regulation system designing, answnering: *How do we make decisions and behaviors guided by policies?* I am very willing to decode some of the characteristic facts and phenomena in these topics. Form theory, (i) the search and matching model can be applied when people are seeking better jobs or education for their children. (ii) the overlapping generation model explained many decisions in a life-long vision, including retirement choice and social insurance. From real-world data, (iii) the new forms of employment and technology has impacted on wealth distribution, economic connectedness and social mobility.

Answering these questions may necessitate drawing upon macroeconomic, game theory, industrial organization and political economics, as well as research paradigms, leading to potential intersections among topics in these fields.

Comments and criticism are always welcome! By the way, I am currently in the application season for graduate or pre-doc program. If you have a suitable position looking for recruitment, I will actively submit the application!