SHENGYU LI

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PREVIOUS EDUCATION

Research Master in Economic, Tilburg University, with cum laude	2020 - 2022
M.A., Economics, Graduate School of Chinese Academy of Social Science	2017 - 2020
B.A., Economics, Shandong University	2013 - 2017

GRADUATE STUDIES

Tilburg University

2022 - present

Ph.D. Candidate in Economics

TEACHING AND RESEARCH FIELDS

Fields: Environmental Economics and Macroeconomics

TEACHING EXPERIENCE

Spring 2023, 2022 Economic Growth and Institution (Bachelor)
Spring 2023 Competition Policy and Regulation (Bachelor)

Fall 2023, 2022 Econometrics for ECO (Bachelor)

RESEARCH PAPERS

• "Heterogeneous Agents, Wealth Inequality and Carbon Tax" (Work in process)

This paper provides a new mechanism to explain why the acceptance of carbon taxes is low among the poor: they are less patient. The paper introduces the incomplete market into the dynamic general equilibrium model, and attributes the wealth distribution to households' luck and their time preference. By approximating the stationary wealth distribution, the paper finds that the patient households are more likely to be wealthier. The patient households hold 90 % of the total assets in a case with only two types of households in our model. Moreover, the paper finds an analytical derivation of individual preferred carbon tax, expressed as a percentage of output, is equivalent to the "subjectively" discounted value of the marginal economic damage from an additional CO2 emission. Since most of the rich households have a high discount factor, their preferred carbon tax rate will be high.

OTHERS

Computer Skills: R, MATLAB, Python, Stata, Mathematica, LATEX Language Skills: Chinese (Native), English (Fluent), Dutch (Beginner)