

CURRICULUM VITAE

NAN LI

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EDUCATION

Ph.D. in Agricultural Economics, Texas A&M University 2018 – Current
Major course: Microeconomic theory, Applied Econometric Methods in Agriculture,
Database & Computational Tools with Big Data, Applied Categorical Data Analysis
Research interests: Market information and consumer behavior

M.S. in Economics, Texas A&M University 2016 – 2018

B.S. in Korean Literature and Finance, Shandong University, China 2011 – 2015

RESEARCH

The Impact of Soda Tax on Price and Consumption: Scanner Data Evidence from Berkeley and Philadelphia

Analyze the effectiveness of the soda tax in Berkeley and Philadelphia using DiD model and synthetic control method. The model deals with over millions of data, and the results imply that the tax is more effective in Philadelphia than in Berkeley, and it does not decrease the consumption significantly as expected.

Household Demand Analysis of Plant-based Milk in the United States Based on the 2015 Nielsen Data

Analyze factors affecting the decision to purchase plant-based milk via the probit model and factors affecting the amount to purchase via the Heckman procedure as well as the Tobit model. The results indicate that the good is inelasticity and changing the location from south to central area could increase the sales of plant-based milk by 11%.

The Influences of Sharing Bikes on Traffic Situation in China

Design survey to collect information about traffic situation and commute ways in Beijing, collect and organize data from government website, yearbook, and third-party research institutions. Analyze the data trend and conduct data regression analyses of the relation between traffic situation and the use of sharing bikes.

Composition of Nonprofit Board

Collect and sort high dimension data that contains more than 25 variables for 500 religious nonprofit organizations, and calculate relevant index using SQL; Analyze data and construct models to analyze the factors that may influence the composition of nonprofit board.

TEACHING EXPERIENCE

AGEC 413 Cases in Agribusiness Finance (Undergrads) 2022 - Current
Teaching Assistant, Texas A&M University

AGEC 314 Marketing Agricultural&Food Products (Undergrads) 2021/08 - 2021/12
Co-instructor, Texas A&M University

AGEC 330 Financial Management in Agricultural (Undergrads) 2019/01 - 2021/08
Teaching Assistant, Texas A&M University

SKILLS

Software: R, Stata, SAS, SQL, Python, GAMs

Language: English, Korean (advanced, passed TOPIK 5TH), Chinese(native)

CERTIFICATIONS

• SAS Certified Base Programmer • SAS Certified Advanced Programmer