Tingwei Wang

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Education

University of Chinese Academy of Sciences (UCAS) — Beijing
Master of Management Science — Jun 2024
GPA: 3.85/4.0

Dalian University of Technology (DUT) — Dalian
Bachelor of Economics — Jun 2021
GPA: 91.3/100 Rank: 1/88

Publications

Wang, T., & Lu, C. (2024). Heterogeneous Effects of Various Environmental Regulation Instruments on Air Pollution: Based on Geodetector Analysis. *Science Technology and Industry*, 24(17), 1–6. (In Chinese)

Working Papers

"Heterogeneous Environmental Regulations and Haze Pollution in China: A Nonlinear and Spatial Analysis of Political Factors," with Chen Lu, SSRN Preprint 4742760, 2024.

"Sustainable Competitive Application Framework for New Energy Vehicle Industry Based on Big Data," with Xingqun Xue, 2021.

Research Experience

School of Public Policy and Management, University of Chinese Academy of Sciences — Beijing
Research Assistant — Sep 2022 - Apr 2024

- Collected and structured panel data on air quality and socio-economic indicators across Chinese prefecture-level cities.
- Conducted empirical analyses in Stata on residents' willingness to pay for clean air, based on the large-scale survey data.
- Analyzed the nonlinear and spatial spillover effects of heterogeneous ERIs on haze pollution using Stata, with the STIRPAT and Spatial Durbin Models on prefecture-level panel data.
- Applied Geographically and Temporally Weighted Regression to explore the spatiotemporal heterogeneity of environmental regulations.
- Co-authored a working paper on the policy spillover effects; currently under revision.

School of Business, Dalian University of Technology — Dalian
Research Assistant — Sep 2020 - Jun 2021

- Conducted literature reviews on the new energy vehicle (NEV) industry and economic policy uncertainty (EPU).
- Cleaned and analyzed firm-level data to evaluate how EPU affects R&D investment under

financing constraints, using Stata.

- Built an indicator framework for the sustainable competitive advantage of the NEV industry.
- Applied Fuzzy-DEMATEL-ISM to assess interdependencies among indicators and developed a application prototype.
- Co-authored a working paper on the competitive dynamics in the NEV sector.

Other Experience

University of Chinese Academy of Sciences Beijing
Teaching Assistant Sep 2022 - Apr 2023

Training Center, University of Chinese Academy of Sciences Beijing
Training Assistant Apr 2023 - Jun 2023

Dalian University of Technology Dalian
Project Leader, Provincial Undergraduate Innovation Training Program Mar 2019 - Mar 2020

Workshops & Summer Schools

Institute for Advanced Economic Research Dalian
2024 Asian Summer School in Econometrics and Statistics Jul 2024

School of Economics and Management, University of Chinese Academy of Sciences Beijing
Summer School of Economics Jul 2024

Sino-Danish College, University of Chinese Academy of Sciences Beijing
SDC One-day Workshop on Leadership in Public Management Jan 2024

Awards and Scholarships

Outstanding Graduate Student, University of Chinese Academy of Sciences (Top 10%) 2023
Outstanding Graduate of Dalian, Dalian Education Bureau (Top 3%) 2021
Outstanding Graduate, Dalian University of Technology (Top 10%) 2021
Undergraduate Scholarship for Outstanding Summer Camp Participants (Top 5%) 2020
National Encouragement Scholarship, Ministry of Education of the People's Republic of China (Three-time recipient; Top 5%) 2018 - 2020
Academic Excellence Scholarship, Dalian University of Technology (Top 5%) 2018 - 2020
Outstanding Student, Dalian University of Technology (Top 5%) 2019
Social Work Scholarship, Dalian University of Technology (Top 10%) 2019
Social Practice Scholarship, Dalian University of Technology (Top 10%) 2018 - 2019
Science and Technology Innovation Scholarship, Dalian University of Technology (Top 10%) 2018
Second Prize, Certificate Authority Cup International Mathematical Contest in Modeling 2018
Second Prize, 27th Dalian College Students Advanced Mathematics Competition 2018

Skills

Software: Stata, R, ArcGIS, Matlab, Python, SPSS, LaTex, MySQL, Tableau
Language: Mandarin Chinese(native), English (fluent, IELTS: 7.0)