

Shixi Kang

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EDUCATION

Henan University

Bachelor of Economics

GPA: 3.7/4.0; 90/100

Sep.2019 - July.2023

University of Illinois Urbana-Champaign

Summer Sessions about mathematics, Subject: Real Variables

June.2022 - Aug.2022

RESEARCH INTERESTS

Primary: Applied Macroeconomics, Public Policy

Secondary: Labor Economics, Health Economics

RESEARCH PAPERS

- 2022 **Shixi Kang**, Jingwen Tan, “Can Education Improve Group Health Awareness? Dynamic Pseudo-panel Evidence from China’s Immigration”, *BMC Public Health*, *under review*
- 2021 **Shixi Kang**, Jingwen Tan, Aolong Liu, “Navigation of the Three Gorges and Urban Economic Development——Research based on DMSP/OLS satellite lighting data”, to appear in 21st China Economics Annual Conference(CEA2021)
- 2021 Jingwen Tan, **Shixi Kang**, “Urban Housing Prices and Migration’s Fertility Intentions: Based on the 2018 China Migrants’ Dynamic Survey”, *Asian Population Studies*, *under review* [\[PDF\]](#)
- 2021 Jingwen Tan **Shixi Kang**, Yang Qu, “Platform Incentives and Willingness of Participant for Investment on Livestreaming E-commerce Model——Computer-aided simulated analysis based on evolutionary game” In International Conference on Computer Information Science and Artificial Intelligence (CISAI2021). DOI: [10.1109/CISAI54367.2021.00060](https://doi.org/10.1109/CISAI54367.2021.00060)
- 2021 Jingwen Tan, **Shixi Kang**, “Finding the instrumental variables of household registration. A Current Discussion of the Impact of China’s Household Registration System on the Citizenship of the Migrant Population”, arXiv:2112.07268 [\[PDF\]](#)
- 2021 Jingwen Tan, **Shixi Kang**, “Housing Property Rights and Social Integration of Migrant Population: Based on the 2017 China Migrants’ Dynamic Survey”, arXiv:2110.12394 [\[PDF\]](#)

RESEARCH EXPERIENCE

Research and software development on the cultural heritage of Chinese characters based on the context of forgetting characters with the pen

(Sponsored by the Chinese Ministry of Education)

Data Analyst

- Use PCA and other methods to reduce the dimensionality of the collected data, and call the Keras library in Python based on a high-level deep learning framework to realize the regression processing of multiple categorical dependent variables.
- Complemented with Logit to demonstrate the existence of better prediction accuracy of this neural network, the effect and mechanism of the phenomenon of forgetfulness of penmanship are explored in depth.

Henan University

May.2021 - May.2022

PRESENTATIONS

2021 21st China Economics Annual Conference, Xi'an China(Dec.)

HONORS, SCHOLARSHIPS AND AWARDS

2021 Third Price, National Student Statistical Contest in Modeling(top7%)
2021 Provincial First Price, National Student Mathematical Contest in Modeling(top10%)
2021 Henan University Scholarship(top10%)
2021 Second Price, 11st Mathorcup Mathematical Contest in Modeling(top20%)

COMPUTER SKILLS AND LANGUAGES

Research skills : Stata, Python, Matlab, SPSS, LaTeX, ArcGIS
Languages : Chinese(native), English(fluent)