

# Shixi Kang

E-mail: [ksx@henu.edu.cn](mailto:ksx@henu.edu.cn)

ORCID: 0000-0003-4847-5171

web: [www.ksx01.com](http://www.ksx01.com)

## EDUCATION

---

### Henan University

Sep.2019 - July.2023

Bachelor of International Economy and Trading

GPA: 3.7/4.0; 90/100

### University of Illinois Urbana-Champaign

June.2022 - Aug.2022

Summer Sessions about mathematics, Subject: Real Variables

## 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**

**Henan University**

May.2021 - May.2022

(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.

## 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)