Shixi Kang

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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

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 Artifi-cial Intelligence (CISAI2021). DOI: 10.1109/CISAI54367.2021.00060

2021   Jingwen Tan, **Shixi Kang**, "Finding the instrumental variables of household registration. A Con 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 Popul--ation: Based on the 2017 China Migrants' Dynamic Survey", arXiv:2110.12394 [PDF]

RESEARCH EXPERIENCE

Research and software development on the cultural   **Henan University**
heritage of Chinese characters based on the context   May.2021 - May.2022
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 net--work, 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)