

# Xiaojun Lin

*Postdoctoral Research Fellow*

Department of Health Policy and Management  
West China School of Public Health  
Sichuan University

Email: [linxiaojun@scu.edu.cn](mailto:linxiaojun@scu.edu.cn)

Website: Google Scholar

## EDUCATION

- Ph.D. Social Medicine and Health Management, Huazhong University of Science and Technology, China, 2019
- B.S. Public Administration, Huazhong University of Science and Technology, China, 2014

## ACADEMIC APPOINTMENTS

- 2019– Sichuan University  
Postdoctoral Research Fellow, Department of Health Policy and Management
- 2019– Sichuan University  
Research Fellow, West China Research Centre for Rural Health Development

## RESEARCH AREAS & INTERESTS

Research Area: Health Policy and Economics

Research Interests: Quality of Care; Market Structure; Hospital Efficiency

## PUBLICATIONS

### Articles in Peer-Reviewed Journals

- 2020 Cai, M., Liu, E., Zhang, R., **Lin, X.**, Rigdon, S.E., Qian, Z., Belue, R., Chang, J.J. “Comparing the Performance of Charlson and Elixhauser Comorbidity Indices to Predict In-Hospital Mortality Among a Chinese Population.” *Clinical Epidemiology* 12, 307–316. doi:10.2147/CLEP.S241610
- 2019 Ni, Z., **Lin, X.**, Wang, Y., Jiang, T., Tao, H. “Hospital volume and outcomes for inpatients with acute myocardial infarction in Shanxi, China: A cross-sectional study.” *The International Journal of Health Planning and Management* 34(4), 1195–1204. doi:10.1002/hpm.2787
- 2018 **Lin, X.**, Cai, M., Fu, Q., He, K., Jiang, T., Lu, W., Ni, Z. and Tao, H. “Does hospital competition harm inpatient quality? Empirical evidence from Shanxi, China.” *International Journal of Environmental Research and Public Health* 15 (10), 2283. doi:10.3390/ijerph15102283

- 2018 Xu, C., Fu, Q., Tao, H., **Lin, X.**, Wang, M., Xia, S., Xiong, H. "Effect of Cesarean Section on the Severity of Postpartum Hemorrhage in Chinese Women: The Shanxi Study." *Current Medical Science* 38(4), 618–625. doi:10.1007/s11596-018-1922-1
- 2018 Cai, M., Liu, E., Tao, H., Qian, Z., Fu, Q.J., **Lin, X.**, Wang, M., Xu, C., Ni, Z. "Does a medical consortium influence health outcomes of hospitalized cancer patients? An integrated care model in Shanxi, China." *International Journal of Integrated Care* 18(2), 1–10. doi:10.5334/ijic.3588
- 2018 Wang, M., Han, X., Fang, H., Xu, C., **Lin, X.**, Xia, S., Yu, W., He, J., Jiang, S., Tao, H. "Impact of Health Education on Knowledge and Behaviors toward Infectious Diseases among Students in Gansu Province, China." *BioMed Research International*, 6397340. doi:10.1155/2018/6397340
- 2018 Cai, M., Liu, E., Tao, H., Qian, Z., **Lin, X.**, Cheng, Z. "Does Level of Hospital Matter? A Study of Mortality of Acute Myocardial Infarction Patients in Shanxi, China." *American Journal of Medical Quality* 33(2), 185–192. doi:10.1177/1062860617708608
- 2017 **Lin, X.**, Cai, M., Tao, H., Liu, E., Cheng, Z., Xu, C., Wang, M., Xia, S., Jiang, T. "Insurance status, inhospital mortality and length of stay in hospitalised patients in Shanxi, China: a cross-sectional study." *BMJ Open* 7(7), e015884. doi:10.1136/bmjopen-2017-015884
- 2017 Wang, M., Fang, H., Tao, H., Cheng, Z., **Lin, X.**, Cai, M., Xu, C., Jiang, S. "Bootstrapping data envelopment analysis of efficiency and productivity of county public hospitals in Eastern, Central, and Western China after the public hospital reform." *Current Medical Science* 37(5), 681–692. doi:10.1007/s11596-017-1789-6
- 2016 **Lin, X.**, Tao, H., Cai, M., Liao, A., Cheng, Z., Lin, H. "A Systematic Review and Meta-Analysis of the Relationship Between Hospital Volume and the Outcomes of Percutaneous Coronary Intervention." *Medicine* 95(5), e2687. doi:10.1097/MD.0000000000002687
- 2016 Cheng, Z., Cai, M., Tao, H., He, Z., **Lin, X.**, Lin, H., Zuo, Y. "Efficiency and productivity measurement of rural township hospitals in China: a bootstrapping data envelopment analysis." *BMJ Open* 6(11), e011911. doi:10.1136/bmjopen-2016-011911
- 2015 Cheng, Z., Tao, H., Cai, M., Lin, H., **Lin, X.**, Shu, Q., Zhang, R.N. "Technical efficiency and productivity of Chinese county hospitals: An exploratory study in Henan province, China." *BMJ Open* 5(9), e007267. doi:10.1136/bmjopen-2014-007267

#### Journal Article Manuscripts Under Review

- 2020 Lin, X., Jian, W., Yip, W., Pan, J. "Perceived Competition and Process of Care in Rural China." Submitted to *International Journal of Equity in Health*.
- 2020 Lin, X., Green, J., Xian, H., Cai, M., Skrzypek, J., Tao, H. "Holiday and weekend effects on mortality of acute myocardial infarction: Evidence from China." Submitted to *International Journal of Public Health*.

#### Manuscripts in Preparation

- 2020 Lin, X. and Pan, J. "Association between the leader background and the control of COVID-2019: Evidence from Health Commission in China" Target: *Social Science & Medicine*, Summer 2020.

## CONFERENCE ACTIVITY

### Keynotes

- 2019 Lin, X. "The Impact of Competition on Process of Care for Patients with Pneumonia: Evidence from Guizhou, China." 2019 Health Management and Medicine Youth Forum. Chengdu, China. Oct 19–20.
- 2019 Lin, X. "Does the medical consortium reform improve hospital efficiency? Evidence from secondary general hospitals in Shanxi, China, 2013-2017." 1<sup>st</sup> Health Economics and Policy Academic Forum. Beijing, China. Mar 30–31.

### Conference Abstract

- 2018 Lin, X., Jiang, T., He, K., Lu, W., Ni, Z., Tao, H. "Exploring the effect of weekend admissions to hospital on health outcomes of inpatients with acute myocardial infarction in Shanxi, China: a longitudinal study." . 2018 Lancet-CAMS Health Summit, Beijing, China. Oct 30–31. [https://doi.org/10.1016/s0140-6736\(18\)32648-5](https://doi.org/10.1016/s0140-6736(18)32648-5)
- 2016 Lin, X., Tao, H., Cai, M., Cheng, Z., Wang, M., Xu, C., Lin, H., Jin, L. "Health insurance and quality and efficiency of medical care for patients with acute myocardial infraction in tertiary hospitals in Shanxi, China: a retrospective study." . 2016 Lancet-CAMS Health Summit, Beijing, China. Oct 30–31. [https://doi.org/10.1016/s0140-6736\(16\)31997-3](https://doi.org/10.1016/s0140-6736(16)31997-3)

### Conference Presentations

- 2019 Lin, X. "Does the medical consortium reform improve hospital efficiency? Evidence from secondary general hospitals in Shanxi, China, 2013-2017." . 4<sup>th</sup> Westlake Youth Form, Hangzhou. June 10–13.

## GRANTS AND AWARDS

### Awards and Honors

- 2018 Hubei Science and Technology Progress Award (Second Class, No.8)

## SERVICE

### Journal Peer Review

*International Journal of Equity in Health*

*BMC Public Health*

*INQUARY*

### Service to School

International Office of West China School of Public Health (assistant position), Sichuan University, Nov, 2019– Apr. 2020

## **TECHNICAL SKILLS**

### **Statistical Softwares**

**R:** Expert in R; Use *Rmarkdown*, *ggplot2*, *knitr*, *dplyr*, etc. packages frequently

**Stata:** Competent in Stata; Econometric analysis

**SAS:** Some knowledge of SAS on survival analysis

### **Ecometric Methods**

Panel data analysis; Causal inference.

Updated June 2020