

Xiaojun Lin

Postdoctoral Research Fellow

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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

Health Policy and Economics: Quality of Care; Market Structure; Hospital Efficiency

PUBLICATIONS

Articles in Peer-Reviewed Journals

- 2020 **Lin, X.**, Jian, W., Yip, W., Pan, J. "Perceived Competition and Process of Care in Rural China." *Risk Management and Healthcare Policy*, 13,1161-1173. doi:10.2147/RMHP.S258812.
- 2020 **Lin, X.**, Green, J., Xian, H., Cai, M., Skrzypek, J., Tao, H. "Holiday and weekend effects on mortality for acute myocardial infarction in Shanxi, China: A cross-sectional study" *International Journal of Public Health* 65(6),847-857. doi:10.1007/s00038-020-01443-x.
- 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),7. 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

Manuscripts in Preparation

- 2021 Lin, X. and Pan, J. "Hospital competition and technology diffusion" *Working paper*, Autumn 2020.
- 2021 Lin, X. and Pan, J. "Hospital competition and quality and cost: Does payment system

matter?” *Working paper*, Winter 2020.

- 2021 Lin, X. and Pan, J. “Hospital Volume and Patient Outcomes: A Causal Analysis in Sichuan, China” *Working paper*, Winter 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.” 1st 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.” . 4th 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 (2)

BMC Public Health (1)

INQUARY (1)

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

Econometric Methods

Panel data analysis; Causal inference.

R Package

amap: An R package using AMap API.

Updated March 2021