

# Xiaojun Lin

*Two roads diverged in a wood, and I—  
I took the one less traveled by,  
And that has made all the difference.*

— Robert Frost

## CONTACT

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## RESEARCH INTERESTS

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Health policy, Health economics

## EDUCATION

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- 2014 – Present    PH.D. in Social Science and Health Management, Huazhong University of Science and Technology, Wuhan, China  
Thesis: “Hospital Efficiency Measurement and Its Determinants under Quality and Resource Constrains: Evidence from Tertiary General Hospitals in Shanxi, China”  
Advisor: Prof. Hongbing TAO
- 2010 – 2014    BACHELOR in Health Management, Huazhong University of Science and Technology, Wuhan, China  
Advisor: Prof. Hongbing TAO

## EXPERIENCE

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- Sep. 2018 – Nov. 2018    Visiting scholar, Saint Louis University, Saint Louis, USA  
Department: Department of Health Management and Policy  
Advisors: Prof. Jeremy C. GREEN, Prof. Hong. XIAN, Prof. Kenton JOHNSTON
- Oct. 2017 – Dec. 2017    Visiting scholar, University of Michigan, Ann Arbor, USA  
Department: Department of Biostatistics  
Advisor: Prof. Kevin HE
- Apr. 2018 – Aug. 2018    Public Hospital Administration of Shenzhen Municipality, Guangdong, China  
Role: Intern; Manager: Jixiang YAN

## PROGRAMING LANGUAGES

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- R:**    Expert in R; Use Rmarkdown, ggplot2, knitr, dplyr, etc. packages frequently
- Stata:**    Competent in Stata; Econometric analysis
- SQL:**    Data management with over 7 million patient data
- SAS:**    Some knowledge of SAS on survival analysis
- ℒ<sub>Ṫ</sub>ℒ<sub>Ṫ</sub>:**    Aesthetically beautiful documents with ℒ<sub>Ṫ</sub>ℒ<sub>Ṫ</sub>

## HONORS AND AWARDS

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2016	<i>National Graduate Scholarship</i>	Huazhong University of Science and Technology
2016	<i>Merit Student</i>	Huazhong University of Science and Technology
2014	<i>Outstanding Graduate Student Award</i>	Huazhong University of Science and Technology
2014	<i>National Lizi Scholarship</i>	Huazhong University of Science and Technology
2012	<i>Merit Student</i>	Huazhong University of Science and Technology
2011	<i>National Lizi Scholarship</i>	Huazhong University of Science and Technology

## PARTICIPATED PROJECTS

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- 2018-2022 *National Natural Science Foundation of China* Project: Formation Mechanism and Strategies of Management for Medical Service Efficiency of Public General Hospitals in the Context of Global Budget. PI: Hongbing Tao (Ph.D. advisor); Role: investigator; Work: Research design.
- 2015-2018 *National Natural Science Foundation of China* Project: Performance Evaluation and Influencing Factors for the Closed Type Medical Association Based on Structural Equation. PI: Hongbing Tao (Ph.D. advisor); Role: investigator; Work: Research design, data collection, data analysis, and report writing.
- 2012-2015 *National Natural Science Foundation of China* Project: Construction of Evaluation Model and Managing Pathways of Inpatient Hospital Resources Utilization in Urban General Hospitals. PI: Hongbing Tao (Ph.D. advisor); Role: investigator; Work: data analysis and report writing.

## PUBLICATIONS

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### International Peer-reviewed Journal Articles

- 2018 **Xiaojun Lin**, Miao Cai, John Fu, Kevin He, Tianyu Jiang, Wei Lu, Ziling Ni, Hongbing Tao (2018), 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](https://doi.org/10.3390/ijerph15102283)
- 2018 Chang Xu, Qiang Fu, Hongbing Tao, **Xiaojun Lin**, Manli Wang, Shuxu Xia, Haoling Xiong (2018), 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](https://doi.org/10.1007/s11596-018-1922-1)
- 2018 Miao Cai, Echu Liu, Hongbing Tao, Zhengmin Qian, Qiang (John) Fu, **Xiaojun Lin**, Manli Wang, Chang Xu, Ziling Ni (2018), 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](https://doi.org/10.5334/ijic.3588)
- 2018 Miao Cai, Echu Liu, Hongbing Tao, Zhengmin Qian, **Xiaojun Lin**, Zhaohui Cheng (2018). 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](https://doi.org/10.1177/1062860617708608)
- 2018 Manli Wang, Xuemei Han, Haiqing Fang, Chang Xu, **Xiaojun Lin**, Shuxu Xia, Wenhan Yu, Jinlu He, Shuai Jiang, Hongbing Tao (2018). 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](https://doi.org/10.1155/2018/6397340)
- 2017 **Xiaojun Lin**, Miao Cai, Hongbing Tao, Echu Liu, Zhaohui Cheng, Chang Xu, Manli Wang, Shuxu Xia, Tianyu Jiang (2017). 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](https://doi.org/10.1136/bmjopen-2017-015884)

- 2017 Manli Wang, Haiqing Fang, Hongbing Tao, Zhaohui Cheng, **Xiaojun Lin**, Miao Cai, Chang Xu, Shuai Jiang (2017). Bootstrapping Data Envelopment Analysis of Efficiency and Productivity of County Public Hospitals in Eastern, Central, and Western China after the public hospital reform, *Journal of Huazhong University of Science and Technology [Medical Sciences]*, 37(5),681-692. DOI:[10.1007/s11596-017-1789-6](https://doi.org/10.1007/s11596-017-1789-6)
- 2016 **Xiaojun Lin**, Hongbing Tao, Miao Cai, Aihua Liao, Zhaohui Cheng, Haifeng Lin (2016). 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](https://doi.org/10.1097/MD.0000000000002687)
- 2016 Zhaohui Cheng, Miao Cai, Hongbing Tao, Zhifei He, **Xiaojun Lin**, Haifeng Lin, Yuling Zuo (2016). 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](https://doi.org/10.1136/bmjopen-2016-011911)
- 2015 Zhaohui Cheng, Hongbing Tao, Miao Cai, Haifeng Lin, **Xiaojun Lin**, Qin Shu, Ru-ning Zhang (2016). Technical Efficiency and Productivity of Chinese County Hospitals: An Exploratory Study in Henan Province, China, *BMJ Open*,5(9),e007267. DOI:[10.1136/bmjopen-2014007267](https://doi.org/10.1136/bmjopen-2014007267)

## Conference Abstracts

- 2018 **Xiaojun Lin**, Xiaojun Lin, Tianyu Jiang, Kevin He, Wei Lu, Ziling Ni, Hongbing Tao (2018). Exploring the Effect of Weekend Admissions to Hospital on Health Outcomes of Inpatients with Acute Myocardial Infarction in Shanxi, China: A Longitudinal Study. *The Lancet-CAMS Health Summit*,392(S1),S19. DOI:[10.1016/S0140-6736\(18\)32648-5](https://doi.org/10.1016/S0140-6736(18)32648-5)
- 2018 Ziling Ni, **Xiaojun Lin**, Wei Lu, Tianyu Jiang, Ying Wang, Jinlu He, Hongbing Tao (2018). Hospital Volume and Outcomes for Acute Myocardial Infarction Inpatients in Shanxi, China: An Observation Study. *The Lancet-CAMS Health Summit*,392(S1),S36. DOI:[10.1016/S0140-6736\(18\)32665-5](https://doi.org/10.1016/S0140-6736(18)32665-5)
- 2016 **Xiaojun Lin**, Hongbing Tao, Miao Cai, Zhaohui Cheng, Manli Wang, Chang Xu, Haifeng Lin, Li Jin (2016). Health Insurance and Quality and Efficiency of Medical Care for Patients with Acute Myocardial Infarction in Tertiary Hospitals in Shanxi, China: A Retrospective Study. *The Lancet-CAMS Health Summit*,388(S1),S70. DOI:[10.1016/S0140-6736\(16\)31997-3](https://doi.org/10.1016/S0140-6736(16)31997-3)
- 2016 Manli Wang, Hongbing Tao, Haiqing Fang, Zhaohui Cheng, Miao Cai, **Xiaojun Lin**, Chang Xu. Patient Safety Culture in Surgical Departments versus Other Departments in County Hospitals of Hubei Province, China: A Cross-sectional Survey. *The Lancet-CAMS Health Summit*,388(S1),S71. DOI:[10.1016/S0140-6736\(16\)31998-5](https://doi.org/10.1016/S0140-6736(16)31998-5)
- 2015 Zhaohui Cheng, Hongbing Tao, Miao Cai, Haifeng Lin, **Xiaojun Lin**, Qin Shu, Runing Zhang. Using A Two-stage Data Envelopment Analysis to Estimate the Efficiency of County Hospitals in China: A Panel Data Study. *The Lancet-CAMS Health Summit*,386(S1),S64. DOI:[10.1016/S0140-6736\(15\)00645-5](https://doi.org/10.1016/S0140-6736(15)00645-5)

## Chinese Peer-reviewed Journal Articles

- 2018 Yitian Huang, Hongbing Tao, Tianyu Jiang, Nan Shi, **Xiaojun Lin**, Manli Wang, Wenhan Yu (2018). The Prerequisites and Construction of Medical Consortium in China. *Chinese Hospital Management*, 37(9): 22-24. [CNKI](#)
- 2017 Miao Cai, Hongbing Tao, Echu Liu, Zhaohui Cheng, **Xiaojun Lin**. Influence of Market Competition on Hospital Technical Efficiencies: Based on Empirical Evidence from Henan and Jiangsu Provinces. *Chinese Hospital Management*, 37(6): 22-24. [CNKI](#)
- 2017 Jinlu He, Hongbing Tao, **Xiaojun Lin**, Ting Xiao, Miao Cai (2017). A Comparative Study on Medical Quality among Hospitals of Different Ownerships. *Chinese Health Quality Management*, 24(4): 18-20. [CNKI](#)

- 2017 Shuxu Xia, Hongbing Tao, Liting Du, Miao Cai, **Xiaojun Lin**, Haifeng Lin (2017). Problems and Countermeasures in Quality and Safety of Mobile Health Service in the Context of "Internet Plus". *Chinese Health Quality Management*, 24(3): 23-26. [CNKI](#)
- 2017 Wenhan Yu, Hongbing Tao, **Xiaojun Lin**, Manli Wang (2017). Relations of Workload of Medical Staff with Medical Quality and Safety. *Chinese Health Quality Management*, 24(1): 82-85. [CNKI](#)
- 2016 Pan Zhang, Hongbing Tao, **Xiaojun Lin**, Miao Cai (2016). Status Quos and Quality and Safety Problems of the Medical associations in China and the Countermeasures. *Chinese Journal of Hospital Administration*, 36(11): 52-54. [CNKI](#)
- 2016 **Xiaojun Lin**, Hongbing Tao (2016). Development of the relationship between hospital service capacity and quality of care. *Chinese Journal of Hospital Administration*, 2(2): 108-110. [Wanfang](#)
- 2016 **Xiaojun Lin**, Hongbing Tao, Shijing Zhang, Zhaohui Cheng, Miao Cai, Haitong Liu, Haifeng Lin (2016). A Visualization Analysis of the Evolution of Hospital Efficiency. *Chinese Hospital Management*, 36(4): 27-29. [CNKI](#)
- 2016 Haifeng Lin, Hongbing Tao, Zhaohui Cheng, **Xiaojun Lin**, Miao Cai (2016). Traditional Chinese hospital Efficiency of healthcare resource utilization and influencing factors in Henan, China. *Chinese Journal of Hospital Administration* 2(2): 117-120. [Wanfang](#)
- 2015 Haifeng Lin, Hongbing Tao, Zhaohui Cheng, Miao Cai, **Xiaojun Lin** (2016). The efficiency evaluation of obstetrical departments of hospitals in Wuhan and the factors affecting their efficiency. *Chinese Journal of Medical Management Sciences*. 5(5): 9 - 13. [CNKI](#)
- 2014 **Xiaojun Lin**, Hongbing Tao. Current situation and difference analysis of domestic and foreign medical safety management. *Chinese Medical Administration Sciences*, 4(1): 5357. [CNKI](#)
- 2013 Miao Cai, Xiaobing Xu, Haiyang Cai, Rui Chang, **Xiaojun Lin**, Yanran Huang (2013). Analysis on Different Approaches to Identifying Medical Adverse Events and Intervention Measures. *Medicine and Society*, 26(9): 20 – 22. [CNKI](#)
- 2013 Miao Cai, Hongbing Tao, **Xiaojun Lin**, Xiaobing Xu, Haiyang Cai, Feixiang Chen (2013). Factors Impeding Reporting of Medical Adverse Events among Doctors and Nurses". *Chinese Health Quality Management*, 20(5): 41 – 43. [CNKI](#)

## Working Papers

- 2018 **Xiaojun Lin**, Jeremy C. Green, Hong Xian, Miao Cai, Hongbing Tao. Effect of Weekend and Holiday Admission on Mortality: A Cross-sectional Study of Patients with Acute Myocardial Infarction in Shanxi, China.
- 2018 **Xiaojun Lin**, Kenton Johnston, Miao Cai. Does the Medical Consortium Reform Improve Hospital Efficiency? Evidence from Secondary General Hospitals in Shanxi, China, 2013-2017.
- 2018 Ziling Ni, **Xiaojun Lin**, Tianyu Jiang, Wei Lu, Miao Cai, Ying Wang, Hongbing Tao. Hospital Volume and Outcomes for Acute Myocardial Infarction Inpatients in Shanxi, China: A Cross-sectional Study.
- 2018 Ziling Ni, Qiang Fu, **Xiaojun Lin**, Ying Wang, Wei Lu, Nan Shi, Tianyu Jiang, Hongbing Tao. The Impact of Zero Mark-up Drug Policy on Hospitalization Costs for Inpatients with Pneumonia in China.

## SERVICE TO THE PROFESSION

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Referees for *International Journal for Equity in Health*