

Stanford



Nian Si

- Ph.D. Student in Management Science and Engineering, admitted Autumn 2017
- Ph.D. Minor, Computer Science

Bio

BIO

I am a PhD student in the Department of Management Science and Engineering (MS&E) at Stanford University, where I am fortunate to be advised by Prof. Jose Blanchet. I am a member of the Stanford Operations Research Group.

Previously, I obtained a B.A. in Economics and a B.S. in Mathematics both from Peking University in 2017. My research interests lie broadly in applied probability, stochastic modeling and robust optimization.

In my spare time, I like outdoor activities, including hiking, marathons and triathlons. Besides these, I am a serious contract bridge player.

LINKS

- Personal Website: <http://web.stanford.edu/~niansi/>

Publications

PUBLICATIONS

- **Confidence regions in Wasserstein distributionally robust estimation** *BIOMETRIKA*
Blanchet, J., Murthy, K., Si, N.
2021
- **Testing Group Fairness via Optimal Transport Projections**
Si, N., Murthy, K., Blanchet, J., Viet Anh Nguyen, Meila, M., Zhang, T.
JMLR-JOURNAL MACHINE LEARNING RESEARCH.2021
- **Optimal uncertainty size in distributionally robust inverse covariance estimation** *OPERATIONS RESEARCH LETTERS*
Blanchet, J., Si, N.
2019; 47 (6070): 618–21