

LI, XIUDI

CONTACT

Address Box 357232, University of Washington, Seattle, WA 98195-7232
E-mail xiudil@uw.edu
Website students.washington.edu/xiudil

EDUCATION

University of Washington, Seattle, WA, United States Sept. 2017 - Present
Ph.D.(expected) in Biostatistics
Advisor: Alex Luedtke, Ph.D. and Ali Shojaie, Ph.D.

Hong Kong University of Science and Technology, Hong Kong Sept. 2013 - June 2017
BSc. in Mathematics and Economics
Graduated with First Class Honor and Academic Achievement Medal

Swiss Federal Institute of Technology, Lausanne, Switzerland Feb. 2016 - June 2016
Exchange student, recipient of Aji-No-Chinmi Scholarship for Overseas Experience

RESEARCH EXPERIENCE

Research Assistant Spring 2018 - present
University of Washington, Department of Biostatistics
Predictive Subgroup Identification and Selection with SHAPES
Paired Serial Limiting Dilution Assays
Supervisor: Susanne May, Ph.D.

Research Assistant Fall 2019 - present
University of Washington, Department of Biostatistics
Inference for Non-sparse High-dimensional Regression
Supervisor: Ali Shojaie, Ph.D.

Undergraduate Summer Research Program Summer 2016
Fields Institute and University of Western Ontario
Random Matrix Geometry
Supervisor: Masoud Khalkhali Ph.D.

TEACHING EXPERIENCE

Teaching Assistant
University of Washington, Department of Biostatistics

BIOST511 - Medical Biometry I	Fall 2017
BIOST512 - Medical Biometry II	Winter 2018
BIOST513 - Medical Biometry III	Spring 2018
BIOST546 - Machine Learning for Biomedical and Public Health Big Data	Winter 2021

AWARDS

Donovan J. Thompson Award Fall 2019
University of Washington, Department of Biostatistics
In recognition of the best combined performance on the PhD Applied and Theory qualifying exams

PUBLICATIONS

1. Tank, A.*, **Li, X.***, Fox, E. B. and Shojaie, A. (2021). The Convex Mixture Distribution: Granger Causality for Categorical Time Series. *SIAM Journal on Mathematics of Data Science*, 3(1), 83-112.
2. **Li, X.** and Shojaie, A. (2020). Discussion of “A Tuning-Free Robust and Efficient Approach to High-Dimensional Regression”. *Journal of the American Statistical Association*, 115(532), 1717-1719.
3. Li, S.*, **Li, X.*** and Luedtke, A. (2020). Discussion of Kallus (2020) and Mo, Qi, and Liu (2020): New Objectives for Policy Learning. *arXiv preprint arXiv:2010.04805*. (Accepted to *Journal of the American Statistical Association*.)
4. **Li, X.**, Li, S. and Luedtke, A. Estimating the Efficiency Gain of Covariate-Adjusted Analyses in Future Clinical Trials Using External Data. In preparation.
5. **Li, X.**, May, S., Trumble, M., Archin, N. and Hudgens, M. Paired Serial Limiting Dilution Assays. In preparation.

SKILLS

Programming	R, Python, JAVA
Languages	Mandarin (native), English (proficient)