

Simeng Shao

CONTACT INFORMATION	Bridge Hall 401 3670 Trousdale Pkwy Los Angeles, CA 90089	✉ simeng.shao.phd@marshall.usc.edu	
EDUCATION	University of Southern California , Los Angeles, CA Ph.D. Student in Statistics <i>Advisors:</i> Dr. Adel Javanmard, Dr. Jacob Bien 2017-2022 (Expected) Renmin University of China , Beijing, China B.S. in Statistics <i>Thesis Advisor:</i> Dr. Jianxin Yin 2013-2017 University of California, Davis , Davis, CA General Course. Statistics 2015-2016		
RESEARCH INTERESTS	High-dimensional Statistics, Feature Selection, Statistical Inference, Hierarchical Testing, Dynamic Pricing.		
PUBLICATIONS	A. Javanmard, H. Nazerzadeh and S. Shao . "Multi-Product Dynamic Pricing in High-Dimensions with Heterogeneous Price Sensitivity." IEEE International Symposium on Information Theory (ISIT), 2020.		
WORKING PAPERS	S. Shao , A. Javanmard, J. Bien. "Controlling the False Split Rate in Tree-Based Aggregation." <i>Manuscript in Preparation.</i>		
TEACHING EXPERIENCE	University of Southern California Instructor, BUAD 310 Applied Business Statistics Teaching Assistant, BUAD 310 Applied Business Statistics	Summer 2020 Spring 2020	
HONORS AND AWARDS	Marshall/Graduate School Fellowship Competitive fellowship for graduate students to support their doctoral work, covering their tuition and stipend. Highest Prize of Academic Scholarship First place among department of Statistics. Chancellor Scholarship One of the total 57 students in school and full year of scholarship for exchanging program.	2017-2022 2015-2016 2015-2016	
CONFERENCES & INVITED TALKS	"Controlling False Aggregation Rate in Regression with Rare Features." • Joint Statistical Meetings, Philadelphia, PA "Multi-Product Dynamic Pricing in High-Dimensions with Heterogeneous Price Sensitivity." • IEEE International Symposium on Information Theory (Virtual)		Aug. 2020 Jun. 2020
ACTIVITIES	IIDATA Statistics Convention The first student-run Statistics Convention at UC Davis. Core Member, Academic Team.	Dec. 2015 – May. 2016	

Technology & Education Connecting Culture, Summer Institute Jul. 2015

Provided academic and pedagogical training to village school teachers in Binchuan, Yunnan, China.

COMPUTING

R, Python, C, Matlab, LaTeX, Microsoft Office.