
JUNGEUM KIM

MAY 2024

CONTACT INFORMATION

Booth School of Business
University of Chicago
5751 South Woodlawn Avenue
Chicago, IL 60637

Phone: 1-765-237-2583
E-mail: Jungeum.Kim@chicagobooth.edu
Website: <https://jungeumkim.com/>

RESEARCH INTEREST

Robust deep learning, generative modeling, nonlinear dimensional reduction, data visualization, Bayesian nonparametrics and computation, statistical inference

PROFESSIONAL EXPERIENCE

UNIVERSITY OF CHICAGO, Chicago, USA
Booth School of Business
Principal Postdoctoral Researcher, 7/2022-present

EDUCATION

PURDUE UNIVERSITY, Lafayette, IN, USA
College of Science, Department of Statistics
Ph.D., Statistics, 8/2017-7/2022

SEOUL NATIONAL UNIVERSITY, Seoul, Korea
College of Science, Department of Statistics
M.Sc., Statistics, 3/2015-2/2017
B.Sc., Statistics, 3/2009-2/2015
College of Social Sciences, Department of Social Welfare
B.Sc., Social Welfare, 3/2011-2/2015

HONORS AND AWARDS

Rising Stars in Computational and Data Sciences 2024 at UT-Austin
I. W. Burr Award, 2022, Department of Statistics, Purdue University
Virgil Anderson and Gloria Fischer Graduate Fellowship, 2021, Purdue University

PUBLICATIONS

1. Robust Sensible Adversarial Learning of Deep Neural Networks for Image Classification.
Jungeum Kim and Xiao Wang (2023)
The Annals of Applied Statistics, 17(2): 961-984

SUBMITTED WORK

1. Tree Bandits for Generative Bayes.
Sean O'Hagan, Jungeum Kim and Veronika Ročková (2024)
Journal of the American Statistical Association (Under Review)
2. Deep Bayes Factors.
Jungeum Kim and Veronika Ročková (2024)
Bayesian Analysis (Major Revision)
3. On Mixing Rates for Bayesian CART.
Jungeum Kim and Veronika Ročková (2023)
Journal of the Royal Statistical Society Series B (Under Review)
4. Inductive Global and Local Manifold Approximation and Projection.
Jungeum Kim and Xiao Wang (2023)
Journal of Machine Learning Research (Under Review)

PROFESSIONAL ACTIVITIES

Referee Service: JASA, JRSS-B, JMLR, Journal of Financial Econometrics, AOAS, Technometrics, Computational Statistics

Organizer: Statistics Graduate Student Organization Student Seminar Coordinator, Spring 2021, Purdue University

Member: American Statistical Association (ASA) (2019-present), Institute of Mathematical Statistics (IMS) (2019-2022), International Society for Bayesian Analysis (ISBA) (2024-present)

DIVERSITY and INCLUSION

Inclusion in AI education: Portfolio Project Mentor, AI4ALL Ignite Project, 2024

Diversity and Inclusion Committee: Department of Statistics, Purdue University, 2022

INVITED SEMINAR TALKS

- University of Wisconsin–Madison, Department of Statistics 10/2023
- Auburn University, Department of Statistics 3/2023

INVITED CONFERENCE TALKS

- ISBA satellite Lugano, 6/2024
- Joint Statistical Meeting: Topic-Contributed Session Toronto, 8/2023
- CMStatistics, Hybrid Berlin, 12/2023
- International Statistical Institute (ISI) Ottawa, 6/2023
- Korean Statistical Society: KISS Invited Session Seoul, 6/2022

CONTRIBUTED TALKS

- Joint Statistical Meeting Portland, 8/2024
- Joint Statistical Meeting Washington D.C., 8/2022
- Symposium on Data Science and Statistics (SDSS) Pittsburgh, 6/2022
- CMStatistics Seville, 12/2016
- Korean Statistical Society Seoul, 6/2016

TEACHING

Teaching Assistant. Purdue University

- CS/STAT 24200, Introduction to Data Science 2021-2022
- STAT 19000, Data Mine 2020-2021
- STAT 695, Divide and Recombine with R-Hadoop for Big Data (Assistant instructor) 2019-2022
- STAT 51400, Design of Experiments 2018
- STAT 301, Elementary Statistical Methods (Lab instructor) 2018-2019

Teaching Assistant. Seoul National University

- Statistical Computing and Lab Fall 2016
- Statistical Lab (Lab instructor) Fall 2015
- Introduction to Statistics Spring 2015

REFERENCES

Dr. Veronika Ročková
Professor,
Booth School of Business,
University of Chicago.
Email: Veronika.Rockova@chicagobooth.edu

Dr. Xiao Wang
Professor,
Department of Statistics,
Purdue University.
Email: wangxiao@purdue.edu