MYEONGJONG KANG

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EDUCATION

Texas A&M University — *College Station, TX, USA*
Ph.D. in Statistics — August 2018 - Present

· Advised by Dr. Matthias Katzfuss.

Seoul National University — *Seoul, South Korea*
M.Sc. in Statistics — March 2015 - August 2017

· Advised by Dr. Byeong U. Park.
· Thesis: *Positive definite nonparametric regression with application to covariance function estimation*

Seoul National University — *Seoul, South Korea*
B.Sc. in Statistics and Mathematical Sciences (Double Major) — March 2008 - February 2013

· Graduated *Cum Laude*.

HONORS AND AWARDS

William S. Connor Award — 2020
· Presented by the faculty of the Department of Statistics at Texas A&M University.

Eminence Scholarship — March 2009 - March 2010
· Granted by Seoul National University.

Samsung Scholarship — March 2008 - September 2012
· Granted by Samsung SDS.

WORK AND RESEARCH EXPERIENCE

Regeneron Pharmaceuticals Inc. — *Basking Ridge, NJ, USA*
Biostatistics Intern — May 2022 - August 2022

Department of Statistics, Texas A&M University — *College Station, TX, USA*
Graduate Research Assistant — May 2021 - May 2022

Statistical Research Institute, Seoul National University — *Seoul, South Korea*
Research Associate — September 2017 - December 2017

Department of Statistics, Seoul National University — *Seoul, South Korea*
Graduate Research Assistant — April 2016 - August 2017

Capital Brigade Artillery Headquarter, ROK Army   *Siheung, South Korea*
Sergeant   April 2013 - January 2015

Nonparametric Inference Lab., Seoul National University   *Seoul, South Korea*
Undergraduate Research Assistant Intern   December 2010 - June 2011

PUBLICATIONS

[2] Kang, M., & Katzfuss, M. (2021). Correlation-based sparse inverse Cholesky factorization for fast Gaussian-process inference. arXiv preprint arXiv:2112.14591. (Under review)

[1] Kang, M., Kang, I., Kim, M., Cho, S., Lee, K., & Lee, M. (2018). Research on developing a similarity measure among break-in burglary crimes and its applications. *The Korean Association of Police Science Review*, 20(6), 57-82. (Written in Korean)

TALKS

[3] "Correlation-based sparse inverse Cholesky factorization for fast Gaussian-process inference," 2022, contributed paper session, Joint Statistical Meetings (JSM 2022)

[2] "Fast correlation-based sparse inverse Cholesky factorization for Gaussian processes," 2021, contributed speed session, Joint Statistical Meetings (Virtual JSM 2021)

[1] "Correlation-based sparse Cholesky factorization for nonisotropic Gaussian processes," 2020, contributed poster presentation, Joint Statistical Meetings (Virtual JSM 2020)

TEACHING EXPERIENCE

STAT 303: Statistical Methods (Sole instructor)   *College Station, TX, USA*
Department of Statistics, Texas A&M University   Fall 2020 and Spring 2021

TEACHING ASSISTANT EXPERIENCE

STAT 302: Statistical Methods   *College Station, TX, USA*
Department of Statistics, Texas A&M University   Spring 2020

STAT 201: Elementary Statistical Inference   *College Station, TX, USA*
Department of Statistics, Texas A&M University   Fall 2019

STAT 211: Principles of Statistics   *College Station, TX, USA*
Department of Statistics, Texas A&M University   Fall 2018 and Spring 2019

Big Data Special Course   *Seoul, South Korea*
Statistical Research Institute, Seoul National University   February 2016 and 2017

Regression Analysis and Lab. (326.313)   *Seoul, South Korea*
Department of Statistics, Seoul National University   Spring 2016

Sampling Design and Survey Practice (326.214)   *Seoul, South Korea*
Department of Statistics, Seoul National University   Fall 2015

SAS Open Course   *Seoul, South Korea*
Statistical Research Institute, Seoul National University   August 2015

TECHNICAL STRENGTHS

Programming Languages	R, Python, C/C++, Fortran, SQL, LaTeX
Software	SAS, MS office, Hancom office
Languages	Korean, English