

Contact Information

Department of Statistics, University of Florida
Griffin-Floyd Hall, Gainesville, FL 32611

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Education

Aug2018– Present **University of Florida**, Gainesville, FL
Ph.D., Student, Statistics
Mar2016– Feb2018 **Yonsei University**, Seoul, Korea
M.A., Statistics (Advisors: *Dr. Sangwook Kang*)
Mar2009– Feb2016 **Kyunghee University**, Seoul, Korea
B.S., Mathematics and B.E., Economics (Dual Degree Program)

Work Experience

Research Assistant

May2017– Feb2018 **Department of Applied Statistics, Yonsei University**
Statistical inference and application of semiparametric quantile residual life models,
National Research Foundation of Korea
Supervisor: *Dr. Sangwook Kang*
Sep2016– Apr2017 Efficient statistical inferences, computing and application of semiparametric accel-
erated failure time models with induced smoothing, *National Research Foundation*
of Korea
Supervisor: *Dr. Sangwook Kang*

Military Service

Oct2010– Jul2012 Capital Mechanized Infantry Division, Republic of Korea Army
• Served and honorably discharged from Korea Army

Teaching Experience

Teaching Assistant

Department of Statistics, University of Florida
STA4322/STA5328 Introduction to Statistics Theory
STA4321/STA5325 Introduction to Probability
STA 3032 Engineering Statistics
STA 2023 Introduction to Statistics 1
Department of Applied Statistics, Yonsei University
STA3123 Sampling Theory
STA3108 Survival Analysis
STA1001 Introduction to Statistics

Research Interests

Bayesian Inference, Survival Analysis, Biomedical Data Analysis, Building a Software

Computer Skills

Languages & Software R, RCPP, SAS, MATLAB, L^AT_EX

Publications

1. Choi, D., **Bae, W.** and Kang, S. (2020) Model Checking Methods for Semi-Parametric Accelerated Failure Time Models, *Statistics and Computing*, In preparation.
2. **Bae, W.**, Choi, D. and Kang, S. (2020) R Package afttest for Checking Semi-Parametric Accelerated Failure Time Models, *Journal of Statistical Software*, In preparation.

Presentation

1. Statistical Method (student session), Semi-annual Korean Statistical Society Meeting, Yonsei University, Seoul, Korea, Nov 2017.

Scholarships and Assistantships

Scholarships

2017S– 2017F	Internal Scholarship (Merit-based Scholarship), Yonsei University
2013F– 2015S	Superiority Scholarship (Merit-based Scholarship), Kyunghee University

Assistantship

2018F– Present	Teaching Assistantship, University of Florida
2017S– 2017F	Research Assistantship, Yonsei University
2016F– 2017F	Teaching Assistantship, Yonsei University