

Contact Information

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

Mobile: +1 (352) 214-8593
Email: woojung.bae@ufl.edu

Education

Aug2018– Present	University of Florida , Gainesville, FL Ph.D., Student, Statistics
Mar2016– Feb2018	Yonsei University , Seoul, Korea M.A., Statistics (Advisors: <i>Dr. Sangwook Kang</i>)
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, <i>National Research Foundation of Korea</i> Supervisor: <i>Dr. Sangwook Kang</i>
Sep2016– Apr2017	Efficient statistical inferences, computing and application of semiparametric accelerated failure time models with induced smoothing, <i>National Research Foundation of Korea</i> Supervisor: <i>Dr. Sangwook Kang</i>

Military Service

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

Teaching Assistant

2019S	Department of Statistics, University of Florida STA4322/STA5328 - Introduction to Statistics Theory
2018F	STA4321/STA5325 - Introduction to Probability
2016F– 2017F	Department of Applied Statistics, Yonsei University STA1001 - Introduction to Statistics
2016F, 2017F	STA3108 - Survival Analysis
2017S	STA3123 - Sampling Theory

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. (2019) Model Checking Methods for Semi-Parametric Accelerated Failure Time Models, *Statistics and Computing*, To be submitted.
2. **Bae, W.**, Choi, D. and Kang, S. (2019) R Package afttest for Checking Semi-Parametric Accelerated Failure Time Models, *Journal of Statistical Software*, To be submitted.

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