

Contact Information

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

Email: woojung.bae@ufl.edu

Education

Aug 2018 – Present	University of Florida , Gainesville, FL Ph.D., Student, Statistics (Advisors: <i>Dr. Michael Daniels</i>)
Mar 2016 – Feb 2018	Yonsei University , Seoul, Korea M.A., Statistics (Advisors: <i>Dr. Sangwook Kang</i>)
Mar 2009 – Feb 2016	Kyunghee University , Seoul, Korea B.S., Mathematics and B.E., Economics (Dual Degree)

Work Experience

Research Assistant

May2020 – Jun2020	Department of Statistics, University of Florida Supervisor: <i>Dr. Michael Daniels</i>
Sep2016 – Feb2018	Department of Applied Statistics, Yonsei University Supervisor: <i>Dr. Sangwook Kang</i>

Teaching Assistant

Department of Statistics, University of Florida	
STA 4322/STA 5328	Introduction to Statistics Theory
STA 4321/STA 5325	Introduction to Probability
STA 3032	Engineering Statistics
STA 3024	Introduction to Statistics 2
STA 2023	Introduction to Statistics 1

Department of Applied Statistics, Yonsei University	
STA 3123	Sampling Theory
STA 3108	Survival Analysis
STA 1001	Introduction to Statistics

Military Service

Oct 2010 – Jul 2012	Capital Mechanized Infantry Division, Republic of Korea Army • Served and honorably discharged from Korea Army
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Research Interests

Bayesian Methodology, Casual Inference, Biostatistics, Missing Data, Building a Software

Computer Skills

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

Publications

* : Co-first author

1. Choi, D.*, **Bae, W.*** and Kang, S. (2020) Model Checking Methods for Semi-Parameteric 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 with an Induced Smoothing Approach, *Journal of Statistical Software*, In preparation.

Presentation

Contributed Talk

Nov 2017 “R package afttest for Checking Semi-Parametric Accelerated Failure Time Models afttest”, Semi-annual Korean Statistical Society Meeting, Seoul, Korea.

Contributed Poster

Aug 2020 “R package afttest for Checking Semi-Parametric Accelerated Failure Time Models afttest with an Induced Smoothing Approach”, Joint Statistical Meeting, Philadelphia.

Honors and Awards

Honors and Awards

2020 August Travel Award, Joint Statistical Meeting, Philadelphia, **University of Florida**

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**
2020 Summer Research Assistantship, **University of Florida**
2017S – 2017F Research Assistantship, **Yonsei University**
2016F – 2017F Teaching Assistantship, **Yonsei University**