

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 under the supervision of <i>Dr. Michael Daniels</i>
Mar 2016 – Feb 2018	Yonsei University , Seoul, Korea M.A., Statistics under the supervision of <i>Dr. Sangwook Kang</i>
Mar 2009 – Feb 2016	Kyunghee University , Seoul, Korea B.S., Mathematics and B.E., Economics (Dual Degree)

Research Experience

Research Assistant

	Department of Statistics, University of Florida
May 2020 – Jun 2020	Under the supervision of <i>Dr. Michael Daniels</i>
	Department of Applied Statistics, Yonsei University
Sep 2016 – Feb 2018	Under the supervision of <i>Dr. Sangwook Kang</i>

Teaching Experience

Teaching Assistant

Department of Statistics, University of Florida

STA 5328	Fundamentals of Statistics
STA 5325	Fundamentals of Probability
STA 4322	Introduction to Statistics Theory
STA 4321	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

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, PA, **University of Florida**
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**

Professional Memberships

2020 – Present Member, **American Statistical Association**
2017 – Present Member, **International Biometrics Society**

Services

Military Service

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