

Contact Information

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

Email: woojung.bae@ufl.edu

Education

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| 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

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

Teaching Experience

Teaching Assistant

Department of Statistics, University of Florida

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| 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

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| 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-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 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

August 2020 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

May 2020 – Present Research Assistantship, **University of Florida**
Aug 2018 – Apr 2020 Teaching Assistantship, **University of Florida**
Mar 2017 – Feb 2018 Research Assistantship, **Yonsei University**
Sep 2016 – Feb 2018 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