

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

## Work Experience

### Research Assistant

???20??– present	<b>Department of Statistics, University of Florida</b> ??? Supervisor: <i>Dr.</i>
May2017– Feb2018	<b>Department of Applied Statistics, Yonsei University</b> 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
------------------	---

## Teaching Experience

### Teaching Assistant

2018F	<b>Department of Statistics, University of Florida</b> STA4321/STA5325 - Introduction to Probability
2016F – 2017F	<b>Department of Applied Statistics, Yonsei University</b> 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<sup>A</sup>T<sub>E</sub>X

# Publications

**Bae, W.**, Choi, D. and Kang, S. (2018) R Package afttest for Checking Semi-Parametric Accelerated Failure Time Models, *Journal of Statistical Software*, Submitted.

Choi, D., **Bae, W.** and Kang, S. (2018) Model Checking Methods for Semi-Parametric Accelerated Failure Time Models, *Statistics and Computing*, Submitted.

# Presentation

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

Teaching Assistantship, **University of Florida**

2017S – 2017F

Research Assistantship, **Yonsei University**

2016F – 2017F

Teaching Assistantship, **Yonsei University**