

### Contact Information

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

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### Education

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

### Work Experience

#### Research Assistant

May2020 – Jun2020	<b>Department of Statistics, University of Florida</b> Under the supervision of <i>Dr. Michael Daniels</i>
Sep2016 – Feb2018	<b>Department of Applied Statistics, Yonsei University</b> Under the supervision of <i>Dr. Sangwook Kang</i>

#### Teaching Assistant

<b>Department of Statistics, University of Florida</b>	
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
<b>Department of Applied Statistics, Yonsei University</b>	
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<sup>A</sup>T<sub>E</sub>X

## 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**