WooJung Bae Curriculum Vitae

Contact Information

Department of Statistics, University of Florida

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Education

Aug2018 – present	**University of Florida**, Gainsville, FL Ph.D., Student, Statistics
Mar2016 – Feb2018	**Yonsei University**, Seoul, Korea M.A., Statistics (Advisors: *Dr. Sangwook Kang*)
Mar2009 – Feb2016	**Kyunghee University**, Seoul, Korea B.S., Mathematics and B.E., Economics (Dual Degree Program)

Work Experience

Research Assistant

	Department of Applied Statistics, Yonsei University
May2017– Feb2018	Statistical inference and application of semiparametric quantile residual life models, *National Research Foundation of Korea* Supervisor: *Dr. Sangwook Kang*
Sep2016– Apr2017	Efficient statistical inferences, computing and application of semiparametric accelerated failure time models with induced smoothing, *National Research Foundation of Korea* Supervisor: *Dr. Sangwook Kang*

Military Service

Oct2010– Jul2012	Capital Mechanized Infantry Division, Republic of Korea Army • Served and honorably discharged from Korea Army

Teaching Experience

Teaching Assistant

	Department of Statistics, University of Florida
2018F	STA4321/STA5325 - Introduction to Probability
	Department of Applied Statistics, Yonsei University
2016F – 2017F	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, LaTeX

Publications

Bae, W., Choi, D. and Kang, S. (2018) R Package afttest for Checking Semi-Parametric Accelerated Failure Time Models, *Journal of Statistical Software*, To be submitted.
Choi, D., **Bae, W.** and Kang, S. (2018) Model Checking Methods for Semi-Parameteric Accelerated Failure Time Models, *Statistics and Computing*, To be 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**