



Shin Jieun

Contact

Seoul, Korea
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Additional Skills

R, Python, SAS

Professional Summary

Currently, I am a Ph.D. student at the University of Seoul, majoring in Statistics. I'm interested in the biological field, specifically gene data analysis applied to machine learning. So far, I studied the classification of categorical or count data. In my first paper "FDR-based categorical variable selection in naive Bayes classification", I use the FDR (false discovery rate) which is the measure usually used to distinguish significant genes. And now, I am working on some papers for testing and classification with count data.

Experience

Mar, 2020 ~ Dec, 2022

Teaching Assistance

- autumn semester in 2022 : Statistical Computing
- autumn semester in 2022 : Database
- spring semester in 2022 : Bayesian Statistics
- autumn semester in 2021 : Statistical Computing
- spring semester in 2021 : Introduction to Statistics and Lab
- autumn semester in 2020 : Statistical Computing
- spring semester in 2020 : Algebra II

Jul, 2022 ~ Present

Instructure

Connection Program between High School and College

Sep, 2020 ~ Feb, 2021

Research Associate, Longitudinal study of incoming students

We studied the academic achievement of students enrolled at the University of Seoul through a longitudinal analysis.

Education

Aug, 2019 ~Present

Statistics, University of Seoul
MS-Ph.D Combined Program.

Feb, 2014 ~ Aug, 2019

Statistics, Sungshin Women's University
B.S. Degree.

Paper

[1] Jieun Shin, Changyi Park. (2021). FDR-based categorical variable selection in naive Bayes classification. Journal of the Korean Data And Information Science Society, 32(6), 1329-1341.

[2] Jieun Shin, Hong-Jin Jang. (2021). Classification of Blue House

National Petition Subjects based on Deep Learning, winning a prize in Pairing Study, Department of Urban Big Data Convergence, University of Seoul Graduate School. (not publish)