Junhyoung Chung

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Education

Seoul National University, M.S. in Statistics — Mar 2024 – present
- Awarded a one-year scholarship from *National Research Foundation of Korea*

Seoul National University, B.S. & B.A. in Statistics & Economics — Mar 2018 – Feb 2024
- *Summa cum laude* (GPA: 3.95/4.3)
- Awarded a full scholarship for six semesters from *Ilju Scholarship Foundation*
- Completed mandatory military service in South Korea (Sep 2019 - Apr 2021)

$*$ indicates the first author, and † indicates the authors who contributed equally

On-going Works

Discovering causal structures in privacy-protected and noisy data: Frugality in anchored Gaussian DAG models — Submitted at Aug 2024

Joonho Shin†, ***Junhyoung Chung***†, Seyong Hwang†, Gunwoong Park†

In revision for *Computational Statistics and Data Analysis*

Publications

Learning distribution-free anchored linear structural equation models in the presence of measurement error — Dec 2024

Junhyoung Chung*, Youngmin Ahn, Donguk Shin, Gunwoong Park

In *Journal of the Korean Statistical Society*, 1-25, *10.1007/s42952-024-00298-9*
- A summary of this study can be found at *here*

Horse race rank prediction using learning-to-rank approaches (*In Korean*) — Apr 2024

Junhyoung Chung*, Donguk Shin, Seyong Hwang, Gunwoong Park

In *Korean Journal of Applied Statistics, 37*(2), 239-253, *10.5351/KJAS.2024.37.2.239*
- A summary of this study can be found at *here*

Projects

Grid-based mountain accident prediction with *Korean National Fire Agency* — Aug 2024 - Dec 2024
- Developed a grid-based prediction model for mountain accidents using a Hurdle model
- Tools used: Python

Talks

Discovering causal structures in privacy-protected and noisy data: Frugality in anchored Gaussian DAG models — Nov 2024
- Presented at *Korea-Japan joint symposium of Statistics and Data Science*

Learning distribution-free anchored linear structural equation models in the presence of measurement error Jul 2024

- Presented at *Joint international seminar in collaboration with Kyushu University*

Awards & Honors

3rd Prize, Online overseas volunteer program contest by *Korean university council for social service* Mar 2022

Technologies

Languages: Python, R, LaTex