**Minjee Kim**

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| **EDUCATION** | |
| September 2022 – Present  March 2017 – August 2022  January – June 2025  January – June 2021 | **Ewha Womans University**   * *Ph.D.* in Statistics (*Advisor: Jae Keun Yoo*)   T.A.: Statistics Ⅱ, Bayesian Statistics & Computing, Mathematical Statistics Ⅱ   * *B.S.* in Architectural and Urban Systems Engineering / Statistics   **University of Toronto**   * *Exchange student* in Mechanical & Industrial Engineering, School of Graduate Studies   **Karelia University of Applied Sciences**   * *Exchange student* in Construction Engineering / Business |
| **RESEARCH EXPERIENCES** | |
| September 2022 – Present  January – June 2025 | **EWHA Dimension Reduction and Intelligent Learning LAB (EDRIL)**  *Graduate Research Assistant*  Advisor: Jae Keun Yoo   * Developed Model-based Nonlinear Sufficient Dimension Reduction methods for Functional data * Studied Projective Resampling Informative Predictor Subspace for  Multivariate Regression   **Sunnybrook Health Sciences Centre**  *Visiting Research Student*   * Investigated Prognostics for Musculoskeletal Health in Prostate Cancer Patients |
| **WORK EXPERIENCES** | |
| September – December 2020  June – August 2019 | **NCS Structural Engineering**  *Intern, Architectural Structural Design Department*   * Assisted in the evaluation of seismic performance and data analysis   **Hyundai Engineering & Construction**  *Intern, Project Management Department*  Assisted in quantity estimation and data analysis |
| **PUBLICATIONS** | |
| 1. **Applications of response dimension reduction in large p-small n problems**, Minjee Kim & Jae Keun Yoo. 2024, *Communications for Statistical Applications and Methods*, 31, 191-202. 2. **Covariance Projective Resampling Informative Predictor Subspace for Multivariate Regression**, Minjee Kim & Jae Keun Yoo, 2025, *Journal of the Korean Statistical Society,* 54, 920-931. 3. **Nonlinear Functional Sufficient Dimension Reduction via Principal Fitted Components**, Minjee Kim, Yujin Park, Kyongwon Kim, and Jae Keun Yoo, *Statistics and Computing*, 35, 95*.* | |
| **EXTRA CURRICULARS** | |
| August 2025  September 2021 – August 2022  January – December 2019  March 2017 – February 2019 | * *Best Paper Award* at *Ewha Womans University* * *Member* of Ewha Statistics Analysis Association * *Excellence Prize* at National Student Conference from *Korea Institute of Construction Engineering and Management* * *Excellence Prize* at Ewha Engineering Capstone Design Contest * *President of Student Council* in Architectural and Urban Systems Engineering * *Member* of Ewha Awaken Play |