

Minjee Kim

Mobile: +82)10-6543-5997 | E-mail: jee365@ewha.ac.kr; minjeemonjee@gmail.com

EDUCATION

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| September 2022 – Present | Ewha Womans University <ul style="list-style-type: none">• <i>Ph.D.</i> in Statistics (<i>Advisor: Jae Keun Yoo</i>)
T.A.: Statistics II, Bayesian Statistics & Computing, Mathematical Statistics II |
| March 2017 – August 2022 | <ul style="list-style-type: none">• <i>B.S.</i> in Architectural and Urban Systems Engineering / Statistics |
| January – June 2025 | University of Toronto <ul style="list-style-type: none">• <i>Exchange student</i> in Mechanical & Industrial Engineering, School of Graduate Studies |
| January – June 2021 | Karelia University of Applied Sciences <ul style="list-style-type: none">• <i>Exchange student</i> in Construction Engineering / Business |

RESEARCH EXPERIENCES

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| September 2022 – Present | EWHA Dimension Reduction and Intelligent Learning LAB (EDRIL)
<i>Graduate Research Assistant</i>
Advisor: Jae Keun Yoo <ul style="list-style-type: none">• Developed Model-based Nonlinear Sufficient Dimension Reduction methods for Functional data• Studied Projective Resampling Informative Predictor Subspace for Multivariate Regression |
| January – June 2025 | Sunnybrook Health Sciences Centre
<i>Visiting Research Student</i> <ul style="list-style-type: none">• Investigated Prognostics for Musculoskeletal Health in Prostate Cancer Patients |

WORK EXPERIENCES

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| September – December 2020 | NCS Structural Engineering
<i>Intern, Architectural Structural Design Department</i> <ul style="list-style-type: none">• Assisted in the evaluation of seismic performance and data analysis |
| June – August 2019 | Hyundai Engineering & Construction
<i>Intern, Project Management Department</i>
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

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| August 2025 | • | <i>Best Paper Award at Ewha Womans University</i> |
| September 2021 – August 2022 | • | <i>Member of Ewha Statistics Analysis Association</i> |
| | • | <i>Excellence Prize at National Student Conference from Korea Institute of Construction Engineering and Management</i> |
| | • | <i>Excellence Prize at Ewha Engineering Capstone Design Contest</i> |
| January – December 2019 | • | <i>President of Student Council in Architectural and Urban Systems Engineering</i> |
| March 2017 – February 2019 | • | <i>Member of Ewha Awaken Play</i> |