

**RESEARCH INTEREST** My research focuses on Causal Decision Making and Causal Effect Identification. I study how to graphically model a wide range of real-world problems in a causal manner and make optimal decisions. In particular, my research explores methods for making robust decisions, even when modeling with incomplete information. Additionally, I am investigating decision-making processes in sequential settings.

EDUCATION	<b>Graduate School of Data Science, Seoul National University</b>	Seoul
	<i>Master and Ph.D in Data Science</i> <ul style="list-style-type: none"> <li>• Advisor: Prof. Sanghack Lee</li> <li>• Research area: Causal Decision Making</li> <li>• GPA: 4.17/4.3</li> </ul>	2022 - 2028 ( <i>expected</i> )
	<b>Department of Mathematics and Statistics, Sejong University</b>	Seoul
	<i>B.S. in Applied Statistic and Mathematics (Double Major)</i> <ul style="list-style-type: none"> <li>• Advisor: Prof. Jieun Lee</li> <li>• Research area: Operator Theory</li> <li>• Overall GPA: 4.04/4.5 (Cum Laude)</li> <li>• Major GPA: 4.46 &amp; 4.38 / 4.5</li> </ul>	2016 - 2022
WORK EXPERIENCE	<b>Graduate School of Data Science, Seoul National University</b>	
	<i>Causality Lab</i>	Jan 2023 - Aug 2028 ( <i>expected</i> )
	<b>Department of Mathematics and Statistics, Sejong University</b>	
	<i>Functional Analysis Lab</i>	Jul 2021 - Dec 2022
	<b>Korea Military Service</b>	
	<i>National Service Conscript</i>	Aug 2016 - Nov 2018
PUBLICATIONS	<ol style="list-style-type: none"> <li>1. Yonghan Jung, <b>Min Woo Park</b>, and Sanghack Lee. Complete Graphical Criterion for Sequential Covariate Adjustment in Causal Inference, <i>preprint</i>, 2024.</li> <li>2. Ji Eun Lee and <b>Min Woo Park</b>. Convergence of the iterated mean transforms of a <math>2 \times 2</math> matrix. <i>preprint</i>, 2024.</li> <li>3. <b>Min Woo Park</b>, and Ji Eun Lee. Computation of the iterated Aluthge, Duggal, and Mean transforms. <i>Filomat</i>, 2023.</li> </ol>	
AWARDS AND HONORS	<b>4th place Award</b>   The 9th College of Natural Sciences Academic Conference	Nov 2021
	<b>First Place Academic Scholarship</b>   Sejong University	Fall 2021
	<b>Third Place Award</b>   The 8th College of Natural Sciences Academic Conference	Nov 2020
	<b>First Place Academic Scholarship</b>   Sejong University	Fall 2020
TEACHING ASSISTANTS	<b>Causal Inference for Data Science</b>	Fall 2024
	<b>Hyundai NGV Data Boot-Campus</b>	Jul 2024 - Sep 2024
	<b>Causal Inference for Data Science</b>	Spring 2024
	<b>Machine Learning and Deep Learning for Data Science II</b>	Fall 2023
	<b>Basic Mathematics for Artificial Intelligence</b>	Spring 2022

REFERENCE

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**Ji Eun Lee** | Sejong University  
Associate Professor

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