Ye-eun Cho

Computational linguist

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Education

2022.02 - current   **Ph.D. candidate in English linguistics**
Sungkyunkwan University, Seoul, South Korea
• Research interests: Computational linguistics
• Advisor: *Hanjung Lee*

2019.09 – 2022.02   **M.A. in English language translation**
Sungkyunkwan University, Seoul, South Korea

2009.03 – 2015.02   **B.S. in Hotel management**
Sejong University, Seoul, South Korea

Professional experience

2022.02 - current   **Research Assistant**
@ SKKU Language and Cognition Lab
Sungkyunkwan University, Seoul, South Korea

• Conducting English corpus extraction, classification, annotation, and statistical analysis.
• Exploring and optimizing prompting strategies of generative AI.
• Analyzing and comparing capabilities of LLMs with human language processing mechanisms.
• Investigating human-AI interaction in second language acquisition (SLA)

2023.02 – 2024.12   **AI Language Specialist**
LKbase, Seoul, South Korea (*Collaborating with SK Telecom NLU team*)

Project 1. AI chatbot "A-dot"
• Conducting construction, annotation, classification, and refinement of Korean linguistic datasets.
• Engineering persona-driven dialogue prompts to enhance the interaction quality.

Project 2. AI speaker "NUGU"
• Developing and implemented Korean rule-based text generation systems.
• Optimizing and refined existing speech recognition rules for improving system accuracy.
• Contributing to the creation and maintenance of Korean language databases for AI applications.

2019.09 – 2021.12   **English Grammar Instructor**
Kimyoung – Megastudy, Seoul, South Korea

• Instruction and analysis of English grammar tests for university transfer entrance exams.

2016.10 – 2019.08   **English Language Instructor**
Megastudy, Gyeonggi, South Korea

• Instruction and analysis of English language tests for middle- and high-school curricula.

Academic activities

Publications

2025 **Can Vision-Language Models Infer Speaker's Ignorance? The Role of Visual and Linguistic Cues.**
arXiv preprint arXiv:2502.09120
<u>Ye-eun Cho</u> and Yunho Maeng

Prompting strategies of Generative AI for Korean pragmatic inference. *Korean journal of linguistics.*
50(2), 423-455.
<u>Ye-eun Cho</u>

Semantic and contextual constraints on the causative alternation in English: A multifactorial analysis. To appear in *Corpus Linguistics and Linguistic Theory*.
Jiyoun Kim, Hanjung Lee, and <u>Ye-eun Cho</u>

2024 **Pragmatic inference of scalar implicature by LLMs.** In *Proceedings of the Annual Meeting of the Association for Computational Linguistics* (Vol. 4, pp. 10-20)
<u>Ye-eun Cho</u> and Seong mook Kim

2023 **Grammatical illusions in BERT: Attraction effects of subject-verb agreement and reflexive-antecedent dependencies.** *Linguistic Research*, 40(2), 317-352.
<u>Ye-eun Cho</u>

Presentations

2025 **The effects of using ChatGPT on complexity, accuracy, and fluency in second language writing.**
AAAL 2025, Denver, Colorado, United States. March 22-25, 2025.

2024 **Pragmatic inference of scalar implicature by LLMs**. *The 2024 Linguistic Society of Korea Winter Conference*, Sungkyunkwan University, Seoul, South Korea. November 23, 2024.

Pragmatic inference of scalar implicature by LLMs. *ACL 2024*, Bangkok, Thailand. August 11-16, 2024.

Prompting strategies of Generative AI for Korean pragmatic inference. *The 2024 Seoul International Conference on Linguistics (SICOL-2024)*, Kyunghee University, Seoul, South Korea. August 8-9, 2024.

Grants & Funding

- **Research Assistant (RA) stipend, NRF** (2025.06 – current)
- **Research Assistant (RA) stipend, NRF** (2024.01 – 2025.05)
- **The Brain Korea 21 (BK21) research grant** (2022.03 - 2023.01)
- **Teaching Assistant (TA) stipend, SKKU** (2022.03 - 2022.12)

Awards & Scholarships

- **SKKU Research Matters Plus 2024 — Third place award** (2025.02)
- **SKKU Simsan scholarship** (2023.11)
- **SKKU Graduate Merit scholarship** (2020.04)

Skills

Linguistics, Python, R, Linux, RegEx, Git, LaTeX

Languages

Korean — Native
English — Proficient