

Semih Can Aktepe

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Education

Philipps-University of Marburg

PHD, PSYCHOLOGY

- Dissertation: Cognitive and Statistical Modeling of the Illusory Truth Effect
- Advisor: Prof. Dr. Daniel Heck

Marburg

2023-2026

Middle East Technical University

MA, ENGLISH LANGUAGE TEACHING (GPA: 3.83/4.00)

- Thesis: Incremental Processing of Morphosyntax for Counterfactual Reasoning: An Eye-tracking Study with Turkish-speaking Children and Adults
- Advisor: Assoc. Prof. Dr. Duygu Özge

Ankara

2019-2022

Middle East Technical University

MSC, COGNITIVE SCIENCE (GPA: 3.95/4.00)

- Graduation Project: Modelling of Learning Unnatural Language Quantifiers
- Advisor: Assoc. Prof. Dr. Barbaros Yet

Ankara

2019-2022

Middle East Technical University

BA, FOREIGN LANGUAGE EDUCATION (GPA: 3.98/4.00)

- Minor in German Language
- Exchange at University of Cologne, Germany
- 1st-ranked student of Faculty of Education

Ankara

2014-2019

Professional Experience

2023-2026 **Research Assistant**, Philipps-University of Marburg Psychological Methods Laboratory, Marburg

2019-2022 **Research Assistant**, METU Language and Cognitive Development Laboratory, Ankara

Publications

IN REVIEW

Özge, D., **Aktepe, S.C.**, & Gül, S. (submitted). Children's interpretation of conditional connectives, *Languages*, Theoretical Studies on Turkic Languages. [Q2-ranked journal (Language and Linguistics)]

IN PREPARATION

Aktepe, S.C., & Özge, D. (*in prep*). Incremental processing of morphosyntax for counterfactual reasoning: an eye-tracking study with Turkish-speaking children and adults

Aktepe, S.C., & Yet, B. (*in prep*). Effect of conservativity universal on quantifier learning: evidence from an eye-tracking experiment

Presentations

Aktepe, S.C. & Özge, D. (March 2023). Children can interpret counterfactual conditionals incrementally using morpho-syntactic cues, METU Workshop on Conditional and Causal Reasoning, Muğla, Turkey.

Aktepe, S.C. & Yet, B. (July 2022). Learning unnatural language quantifiers, 44th Annual Meeting of the Cognitive Science, Toronto, Canada.

- Aktepe, S.C.** & Özge, D. (May 2022). Children's incremental processing of counterfactual morphosyntax tested via VWP, 8th International Symposium on Brain and Cognitive Science, Koç University, İstanbul, Turkey.
- Aktepe, S.C.** & Yet, B. (May 2022). Lexical-relatedness, not conservativity, predicts learning difficulty of quantifiers, 8th International Symposium on Brain and Cognitive Science, Koç University, İstanbul, Turkey.
- Aktepe, S.C.** (April 2019). The acquisition of inverse scope by Turkish L2 learners of English, 13th Student Linguistics Conference, Ankara University, Ankara, Turkey.
- Aktepe, S.C.**, (March 2019). The awareness levels of pre-service English language teachers in foreign language education department, The 5th Annual ELT Undergraduate Students Conference, Sakarya University, Sakarya, Turkey

Awards & Grants

- 2019 **3rd-ranked Student of Class of 2019**, Middle East Technical University
- 2019 **1st-ranked Student of Faculty of Education**, Middle East Technical University
- 2019 **1st-ranked Student of Department of Foreign Language Education**, Middle East Technical University
- 2015 **4-year Monthly Stipend**, Ministry of National Education (Turkey)

Skills

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| Languages | Turkish (Native), English (Advanced), German (Intermediate), French (Beginner), Latin (Reading Knowledge) |
| Coding | R (brms, lme4, mgcv, ordinal, emmeans, ggplot2), Python (pymc, numpy, pandas, matplotlib), Stan, JAGS, WebPPL, MATLAB, Common LISP, SQL |
| Computer | LaTeX, Jupyter, Office, Photoshop, Video Editing, FFmpeg, Sound Design, Audacity, PRAAT, JASP, SPSS, SR Research Experiment Builder, PsychoPy, OpenSesame, JATOS |

Professional Development

SEMINARS

- 2021 **METU Language and Cognitive Development Laboratory Seminar Series**, Organizer
I organized four bi-weekly seminars in which scholars from different universities in Turkey gave a speech about their expertise and research. The topics included theoretical syntax and semantics, nature of language acquisition and epistemology.

WORKSHOPS

- 2022 **METU Language and Cognitive Development Laboratory Statistics Workshop**, Instructor
I gave a group of graduate students a lecture on statistics covering the topics about approaching statistical problems, theory and computation behind common statistical analysis methods, conducting (generalized) linear mixed effects model and generalized additive model analyses using statistical programming language, R.