

Ali Çağın Kaya

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EDUCATION

2022–present | B.A., English Linguistics at Hacettepe University, Ankara, Türkiye, GPA (current): 3.52/4.00

2018–2022 | High School, Isparta Anadolu Lisesi, Isparta, Türkiye, graduated with an average of 99.02/100 (Valedictorian)

ABSTRACT-REVIEWED CONFERENCE PRESENTATIONS

Kaya, A. Ç., Bostan, B., & Uzun, İ. P. (2026, April). *Looking for Harmony: Eye-Tracking Evidence for Morphophonological Mismatches in Turkish* [Poster presentation]. 13th Novi Sad workshop on psycholinguistic, neurolinguistic and clinical linguistic research (PNCLR13), University of Novi Sad, Novi Sad, Serbia.

Orhan, N & Kaya, A. Ç. (2026, April). *Evaluating the Accuracy of Speech to Text Technologies in Turkish-Accented English* [Oral presentation]. 19th Student Conference of Linguistics, Istanbul University, Istanbul, Türkiye.

Kaya, A. Ç., Bostan, B., & Uzun, İ. P. (2025, September). *Eyes on the pupil size: Pupillary sensitivity to morphophonological mismatches in Turkish* [Oral presentation]. 22nd International Conference on Turkish Linguistics, Dokuz Eylül University, İzmir, Türkiye.

Kaya, A. Ç., & Yağlı, E. (2025, September). *Acoustic analysis of Turkish vowel formants: A methodological perspective* [Oral presentation]. 22nd International Conference on Turkish Linguistics, Dokuz Eylül University, İzmir, Türkiye.

Kaya, A. Ç., & Yağlı, E. (2025, June). *Türkçede ünlü formantlarının meta-analitik incelenmesi: Yöntembilimsel farklılıklar ve etkileri* [A meta-analytical study of vowel formants in Turkish: Methodological differences and their implications] [Oral presentation]. 38th National Linguistics Congress, Atatürk University, Erzurum, Türkiye.

Kaya, A. Ç. (2025, May). *Acoustic analysis of Turkish vowel formants: A methodological perspective* [Oral presentation]. 77th Studentischen Tagung Sprachwissenschaft (StuTS), Leipzig University, Leipzig, Germany.

Kaya, A. Ç. (2025, May). *Praanscribe: A semi-automatic, AI-powered segmentation tool for Praat* [Poster presentation]. Student Conference on Linguistics 2025, Boğaziçi University, İstanbul, Türkiye.

Kaya, A. Ç. (2024, June). *VowSpace: A vowel formant analysis application* [Poster presentation]. Student Conference on Linguistics 2024, Boğaziçi University, İstanbul, Türkiye.

Kaya, A. Ç. (2024, May). *VowSpace: Bir ünlü formant analizi uygulaması* [VowSpace: A vowel formant analysis application] [Poster presentation]. 37th National Linguistics Congress, Kocaeli University, Kocaeli, Türkiye.

Kaya, A. Ç. (2024, March). *VowSpace: Bir ünlü formant analizi uygulaması* [VowSpace: A vowel formant analysis application] [Oral presentation]. 17th Student Conference of Linguistics, Ankara University, Ankara, Türkiye.

ARTICLES

Kaya, A. Ç., (2026). VowSpace: A vowel formant analysis application for phonetic research. *Journal of Open Source Software*, 11(120), 10189, <https://doi.org/10.21105/joss.10189>

BOOK CHAPTERS

Kaya, A. Ç., & Yağlı, E. (2025). Türkçede ünlü formantlarının meta-analitik incelenmesi: Yöntembilimsel farklılıklar ve etkileri. In O. Çınar, F. Başbuğ, & H. Aydemir (Eds.), & (Ed.), *Çağdaş Dilbilim Yazıları I* (Vol. I, pp. 170-192). Artsürem Publishing. <https://doi.org/10.7816/imuling-15-2025-01X008>

PRACTICAL RESEARCH EXPERIENCE AND ACADEMIC TRAINING

6th International School in Psycholinguistics, Neurolinguistics and Clinical Linguistics
Novi Sad University, Novi Sad, Serbia | Participant | 20/04/2026–24/04/2026

36th European Summer School in Logic, Language and Information (ESLLI 2025)
Ruhr University Bochum, Bochum, Germany | Participant | 28/07/2025–08/08/2025

Ankara University Brain Research Center (AUBAUM / AU-BRC), Phonetics Laboratory & Ankara University
Linguistics Laboratory, *Ankara, Türkiye*
Research Internship | 27/09/2024–31/10/2024 | Supervisor: Dr. İpek Pinar Uzun

FUNDED RESEARCH PROJECTS AND SCHOLARLY HELP

(2026, March) Data collection for Nehir Aygül's Doctorate Thesis at Goethe University Frankfurt, Germany

(2025–2026) TÜBİTAK 2209-A (1919B012414090) Ölçünlü Türkçenin Ünlü Formant Frekansları [The Vowel Formant Frequencies of Standard Turkish]

Role: Executive and researcher

Supervisor: Dr. Emre Yağlı

(2024–2025) TÜBİTAK 1002-A (223K318) Türkçede Bileşik Sözcüklerin Sözlü Dilde Üretim Süreçlerine İlişkin Akustik Sesbilgisel Görünümler [Acoustic Phonological Aspects of the Production Processes of Turkish Compound Words in Spoken Language]

Role: Raw data collection and annotation using Praat

Supervisor and executive: Dr. İpek Pinar Uzun

SKILLS

Data Acquisition: Eye Tracking, Pupillometry

Data Analysis: R; linear mixed-effects models (LMM); generalised additive mixed models (GAMM)

Linguistic Tools: Praat, ELAN

Scripting, Programming, and Typesetting Languages: Proficient in Praat scripting, JavaScript, LaTeX and Python

Languages: Turkish (Native), English (C1) (TOEFL: 104), Esperanto (B2) (self-assessed), French (A1) (self-assessed), German (A1) (self-assessed)

SOFTWARE AND CORPORA

VowSpace (<https://github.com/alicagank/VowSpace/>): A Python-based tool for vowel formant acquisition, visualisation and normalisation. (Developer)

Praanscribe (<https://github.com/alicagank/praanscribe/>): A semi-automatic segmentation tool for Praat using Whisper. (Developer)

Meta-analysis of Turkish vowels (<https://doi.org/10.17605/OSF.IO/UA465>) [Data]: A meta-analysis of 22 studies on Turkish vowel formants, examining how methodological differences affect acoustic measurements of F1 and F2. The dataset was shared on the Open Science Framework platform.

Acoustic analysis of Turkish vowel formants (<https://doi.org/10.17605/OSF.IO/GRJTX>) [Data]: Raw and normalised data from 20 native speakers of Turkish using the proposed method in Kaya & Yağlı, 2025. The dataset was shared on the Open Science Framework platform.

EDUCATIONAL AND ACADEMIC TALKS

Ali Çağan Kaya, Emre Yağlı, "Ölçünlü Türkçenin Ünlü Formantları" [Vowel Formants of Standard Turkish] at Hacettepe University Contemporary Turkish Dialects and Literatures Department as a colloquium talk (15/10/25)

Ali Çağan Kaya, workshop "Dilbilim ve Yazılım" [Linguistics and Software] at Linguistics Student Platform, Türkiye (05/10/24) <https://www.youtube.com/watch?v=kVWm7vEPOvA>

Ateş, B. (2024). *Les personnages du campus – Ali Çağan Kaya* (Interview). *Sérendipité*, journal of the Communauté Culturelle Française (Fransız Kültür Topluluğu), Hacettepe University. Multilingual interview (French, Turkish, and English).

Ali Çağın Kaya, Esperanto Education Module at Hacettepe University Linguistics Community (23/04/23)
<https://www.youtube.com/watch?v=ao9GNhaw2L0>

RELEVANT COURSEWORK AND CERTIFICATES

Certificate: Deneysel Psikodilbilime Giriş [Introduction to Experimental Psycholinguistics], CogIst, taught by Gülfem Sarı — 12-hour course on empirical research methods in psycholinguistics (20/09/2024–10/10/2024)

MEMBERSHIPS AND SCHOLARLY AFFILIATIONS

Hacettepe University Linguistics Community

- President, 2025–present
- Academic Coordinator, 2024–2025
- Member, 2023–present

Student Member, International Association for Forensic Phonetics and Acoustics (IAFPA) (2025–present)

Student Member, Generative Linguistics in the Old World (GLOW) (2024–present)

Member, Universala Esperanto-Asocio (UEA) (Universal Esperanto Association) (2024–present)

Member, Tutmonda Esperantista Junulara Organizo (TEJO) (World Esperanto Youth Organization) (2024–present)

EXTRACURRICULAR EXPERIENCE

Co-Host & Producer, Hacettepe University Linguistics Community's "Ders Çıkışı Dilbilim" [Linguistics After Class] Podcast

Editor-in-chief at Hacettepe University Linguistics Community's Website: <https://hulinguistics.com/>

Volunteer, Rode Kruis Nederland Ready2Help, Abcoude, Utrecht, Netherlands (03/02/2024)

Book review in Esperanto, "Esperanto kaj plurlingva estonteco" [Esperanto and a Multilingual Future], Turka Stelo #63 Marto (03/03/2021)

Member, World Cube Association (2018–present)

Last updated: 29/04/2026