

Alexandros Tantos

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Alexandros Tantos is an Associate Professor of Text and Computational Linguistics at the Department of Philology, Aristotle University of Thessaloniki (AUTH). He completed his *M.Sc. in Natural Language Processing* at the *University of Manchester Institute of Science and Technology (UMIST)* in 2003. From 2004 to 2008, he worked as a research associate on the *SFB 471 project Variation and Development in the Lexicon* while pursuing his Ph.D. in Linguistics at the *University of Konstanz, Germany*.

After returning to Greece in 2008, he taught Computational Linguistics at the Universities of Crete, Aegean, Thrace, and Thessaloniki. In 2010, he was appointed Lecturer in Text Linguistics at AUTH.

Since then, Dr. Tantos has led several research initiatives, including the creation of two significant linguistic resources for Greek: Greek Learner Corpus and C58. From 2020 to 2023, he served as Project Leader of the H.F.R.I.-funded project *Latent Aspects in L2 Acquisition (LAL2A)*.

His current research focuses on computational semantics and pragmatics, the application of Large Language Models (LLMs) to first and second language learning and teaching, and corpus linguistics, with a sustained emphasis on the development, maintenance, and application of linguistic resources for Greek.

Selected Publications

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1. Masciolini, A., Caines, A., De Clercq, O., Kruijsbergen, J., Kurfalı, M., Muñoz Sánchez, R., Volodina, E., Östling, R., Allkivi, K., Arhar Holdt, Š., Auzina, I., Dargis, R., Drakonaki, E., Frey, J.-C., Glišić, I., Kikilintza, P., Nicolas, L., Romanyshyn, M., Rosen, A., Rozovskaya, A., Suluste, K., Syvokon, O., Tantos, A., Touriki, D.-O., Tsiotskas, K., Tsourilla, E., Varsamopoulos, V., Wisniewski, K., Žagar, A., & Zesch, T. (2025). *Towards better language representation in natural language processing: A multilingual dataset for text-level grammatical error correction. International Journal of Learner Corpus Research*, 11(2), 309–335. <https://doi.org/10.1075/ijlcr.24033.mas>

2. Tantos, A., & Drakonaki, E. (2024). Mining formulaicity in Greek Learner Corpus II. *Selected Papers on Theoretical and Applied Linguistics*, 25, 454–467. <https://doi.org/10.26262/istal.v25i0.10349>
3. Kosmidis, K., & Tantos, A. (2024). Learner proficiency assessment with machine learning: Key error types and metadata significance in learner corpus research. *Studies in Greek Linguistics*, 43, 569–582.
4. Tantos, A., & Kosmidis, K. (2023). From Discourse Relations to Network Edges: A Network Theory Approach to Discourse Analysis. *Applied Sciences*, 13(12), 6902. <https://doi.org/10.3390/app13126902>
5. Tantos, A., Amvrazis, N., & Drakonaki, C. E. (2023). Greek Learner Corpus II (GLCII): Design and development of an online corpus for L2 Greek. *Journal of Applied Linguistics*, 39, 125–150.