

Proposal for a Digitalized Slovak Version of the Mini Language State Examination - work in progress

Early diagnosis and analysis of language deficits in patients with primary progressive aphasia is a challenge even for experienced speech-language therapists. MLSE (Mini Language State Examination¹) is a newly developed diagnostic tool, which has the potential to evaluate all important areas of language processes in a short time. Our goal was to create a proposal for a digitalized version of the Slovak adaptation of the MLSE. We have developed a user-friendly digitalized MLSEsk scoring sheet, using basic web technologies of HTML, CSS and JavaScript. Functionality enhancements include the automatization of all MLSE score calculations. The current work is still in progress, and we are striving to develop a comprehensive web application that will serve as a fully digitalized diagnostic tool. While the scoring sheet has been automated, further development is underway to enhance its functionality and user experience. The discussion will focus on the development process and challenges encountered while creating the digitalized version of the MLSEsk, providing insights into the ongoing work and future plans for the project.

References:

¹ Patel, N., Peterson, K. A., Ingram, R. U., Storey, I., Cappa, S. F., Catricala, E., Halai, A., Patterson, K. E., Lambon Ralph, M. A., Rowe, J. B., & Garrard, P. (2022). A 'Mini Linguistic State Examination' to classify primary progressive aphasia. *Brain Communications*, 4(2), 1 – 11.