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# Artificial Intelligence Methods for Assessing Speech, Language, and Communication Functioning

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Deadline for manuscript submissions:
**closed (25 May 2024)**

## Message from the Guest Editors

Computational methods for language assessment have become increasingly important in recent years as they offer new possibilities for measuring and enhancing speech, language, and communication skills in various clinical populations. Among these methods, artificial intelligence (AI), machine learning, natural language processing, and signal processing can provide objective and reliable indicators of speech and language functioning, which can inform the diagnosis, prognosis, and treatment evaluation of patients with neurocognitive disorders, such as aphasia and speech impairments caused by stroke, dementia, or traumatic brain injury.<false,>This Special Issue aims to showcase the latest developments and applications of computational language assessment in this domain. We invite submissions of original research articles, reviews, or protocol papers that present novel algorithms and models for assessing and scoring speech and language performance in patients with neurocognitive conditions. We also welcome studies that demonstrate the validity, reliability, and security of these methods, as well as their implications for clinical practice and education.

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## Message from the Editor-in-Chief

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