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Multilingual word embeddings for the assessment of narrative speech in mild cognitive impairment

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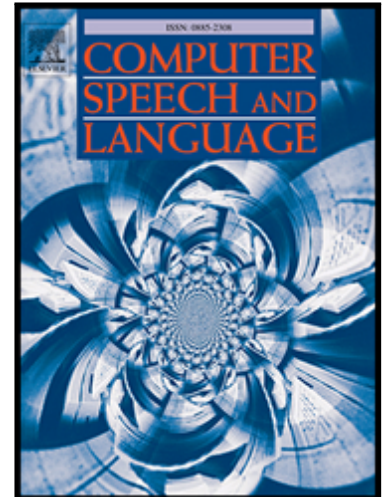
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Highlights

- An analysis of Cookie Theft narratives in English and Swedish is presented.
- Multilingual word embeddings are clustered to generate multilingual topics.
- Features extracted from the topic model help detect mild cognitive impairment.
- Classification accuracy is 63% (English) and 72% (Swedish).
- Multilingual topic models outperform monolingual models in both languages.

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