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Title: Rhythmic performance in hypokinetic dysarthria: Relationship between reading, spontaneous speech and diadochokinetic tasks

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Key Words:

rhythm, dysarthria, Parkinson's Disease, spontaneous speech, DDK

Highlights:

- We investigated speech rhythm in people with Parkinson's Disease (PwPD) and controls
- Even mildly affected PwPD differed from controls in their rhythmic performance
- PwPD showed less difference between reading and spontaneous speech
- Spontaneous speech highlighted more differences between speakers than reading
- DDK performance did not relate to rhythmic behaviour in connected speech

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