

Supplemental Material S2. Correlations between clinical, neuropsychological, and linguistic biomarkers and word-finding difficulty (WFD) symptoms.

| Variable | Patient-reported WFD | | Knowledgeable informant-rated WFD | |
|------------------------------|-----------------------------|----------|--|----------|
| | R^a | p | R^a | p |
| Age | 0.16 | .38 | 0.23 | .19 |
| MoCA | -0.06 | .74 | -0.25 | .16 |
| UPDRS III | 0.20 | .28 | 0.13 | .47 |
| BNT | -0.32 | .09 | -0.18 | .32 |
| Letter VF | -0.08 | .67 | 0.03 | .89 |
| Words per min | -0.36 | .05 | -0.09 | .63 |
| % well-formed sentences | -0.09 | .66 | 0.23 | .20 |
| Nouns/100 words | 0.04 | .85 | -0.12 | .52 |
| Verbs/100 words | -0.26 | .17 | -0.19 | .28 |
| Pauses ≥ 1 sec/100 words | 0.38 | .04 | 0.14 | .45 |
| Pauses before noun/100 nouns | 0.26 | .16 | 0.03 | 0.86 |
| Pauses before verb/100 verbs | 0.44 | .02 | 0.12 | .49 |
| Patient-reported WFD | — | — | 0.34 | .07 |

Note. MoCA = Montreal Cognitive Assessment (Nasreddine et al., 2005); UPDRS III = International Parkinson and Movement Disorders Society (MDS)-Unified Parkinson's Disease Rating Scale Part III (Litvan et al., 2012; Nasreddine et al., 2005); BNT = Boston Naming Test (Kaplan, Goodglass, & Weintraub, 1983); VF = verbal fluency.

^aSpearman's rho correlation coefficient.

References

- Dubois, B., Burn, D., Goetz, C., Aarsland, D., Brown, R. G., Broe, G. A., . . . Emre, M. (2007). Diagnostic procedures for Parkinson's disease dementia: Recommendations from the Movement Disorder Society task force. *Movement Disorders*, 22(16), 2314–2324. <https://doi.org/10.1002/mds.21844>
- Kaplan, E., Goodglass, H., & Weintraub, S. (1983). *The Boston Diagnostic Aphasia Examination*. Philadelphia, PA: Lea & Febiger.
- Litvan, I., Goldman, J. G., Troster, A. I., Schmand, B. A., Weintraub, D., Petersen, R. C., . . . Emre, M. (2012). Diagnostic criteria for mild cognitive impairment in Parkinson's disease: Movement Disorder Society Task Force guidelines. *Movement Disorders*, 27(3), 349–356. <https://doi.org/10.1002/mds.24893>
- Nasreddine, Z. S., Phillips, N. A., Bedirian, V., Charbonneau, S., Whitehead, V., Collin, I., . . . Chertkow, H. (2005). The Montreal Cognitive Assessment, MoCA: A brief screening tool for mild cognitive impairment. *Journal of the American Geriatrics Society*, 53(4), 695–699. <https://doi.org/10.1111/j.1532-5415.2005.53221.x>