

Supplemental Material S1. Diagnostic features of the nonfluent variant (nfvPPA), the semantic variant (svPPA) and the logopenic variant (lvPPA) of primary progressive aphasia following the consensus criteria formulated by Gorno-Tempini et al. (2011).

PPA variant	Single-word comprehension	Comprehension of syntactically complex sentences	Confrontation naming	Repetition (of sentences and phrases)	Reading / writing	Grammar in language production	Word retrieval in spontaneous speech	Phonological structure in spontaneous speech	Object knowledge	Motor speech
nfvPPA	(+)	(-)	UNS	UNS	UNS	- ^A	UNS	UNS	(+)	- (apraxia of speech) ^A
svPPA	-	UNS	-	(+)	(-) (surface dyslex./dysgr.)	(+) ^B	UNS	UNS	(-)	(+) ^B (no form of a motor speech disorder)
lvPPA	(+) ^B	UNS	-	-	UNS	(+)	-	(-)	(+) ^B	(+) (no form of a motor speech disorder)

Note. + denotes intact performance, - denotes impaired performance; UNS = unspecified for respective subtype; parentheses indicate facultative (supporting) features; ^A either apraxia of speech or agrammatism are necessary for a subtype diagnosis of nfvPPA; ^B according to consensus criteria: features combine into one criterion in the respective subtype (therefore, the number of criteria in parentheses can differ from the number of “other features” in Gorno-Tempini et al., 2011).

Reference

Gorno-Tempini, M. L., Hillis, A. E., Weintraub, S., Kertesz, A., Mendez, M., Cappa, S. F., Ogar, J. M., Rohrer, J. D., Black, S., Boeve, B. F., Manes, F., Dronkers, N. F., Vandenberghe, R., Rascovsky, K., Patterson, K., Miller, B. L., Knopman, D. S., Hodges, J. R., Mesulam, M. M., & Grossman, M. (2011). Classification of primary progressive aphasia and its variants. *Neurology*, 76(11), 1006–1014. <https://doi.org/10.1212/WNL.0b013e31821103e6>