

On-line Table: Neuropsychological and language markers for all participant groups^a

Neuropsychological Tests	svPPA	nfvPPA	lvPPA	AD	HC	Omnibus Sig P Value
MMSE (mean) (SD)	23 (2.8) ^b	24.6 (3.1) ^b	17.9 (5.8) ^{b-e}	22.5 (3.1) ^b	29.22 (1.2)	<.001
ACE-R (mean) (SD)	52 (13.4) ^{b,f}	74.1 (11.3) ^b	46.5 (15.7) ^{b,g,h}	65 (12.2) ^b	94.41 (4.0)	<.001
Forward digit span (mean) (SD)	6.3 (1.3)	4.5 (2.2) ^{b,e,i}	4.4 (2.9) ^{b,e,i}	6 (1.1)	6.72 (1.1)	<.001
Letter fluency (wpm) (mean) (SD)	6 (3.4) ^{b,h}	5.3 (2.7) ^{b,e}	4.8 (3.1) ^{b,e}	9.5 (5.9) ^j	14.47 (4.5)	<.001
Sentence repetition (12) (mean) (SD) ⁿ	10 (2.8) ^b	7.3 (1.9) ^b	6.0 (3.1) ^b	10.4 (2.4) ^j	11.84 (0.4)	<.001
TROG (28) (mean) (SD) ⁿ	25.6 (4.81) ^b	24.6 (5.7) ^b	19.6 (8.2) ^{b,f,h,k}	25 (3.1) ^b	27.91 (0.3)	<.001
Camel & Cactus (64) (mean) (SD)	29 (15.82) ^{b,d,l,h}	54.5 (7.3)	40.79 (11.2) ^{b,c}	47 (9.64) ^b	58.65 (2.76)	<.001
64 Item naming (64) (mean) (SD)	20 (16.4) ^{b,d,e,l}	62.5 (3.7)	42.6 (12.3) ^{b,g}	55.7 (7.0) ^m	62.31 (1.9)	<.001
Rey Complex Figure Copy (36) (mean) (SD)	33 (1.95)	26.5 (3.8) ^{j,k}	21.1 (9.6) ^{b,c}	23 (12.9) ^{b,i}	34.63 (1.9)	<.001
Rey Complex Figure Recall (36) (mean) (SD)	10 (8.77) ^j	10.7 (0–23) ^j	7.4 (0–21) ^b	3.4 (4.53) ^{b,f,k}	18.28 (6.3)	<.001
Connected speech measures						
Rate (wpm) (mean) (range)	112 (58–162) ^m	60 (20–95) ^{b,c,e}	83 (24–149) ^{b,k,h}	116 (54–177) ^m	140 (89–190)	<.001
Mean unit length (range)	7.4 (5–10) ^m	5.5 (3–8.9) ^{b,k,h}	5.2 (2.7–7.3) ^{b,k,h}	7.4 (5–19) ^m	9.5 (6–15)	<.001
Frequency of complex units (mean) (range)	0.8 (0.6–0.9) ^m	0.1 (0–0.6) ^{b,e,l}	0.1 (0–0.4) ^{b,c,e}	0.7 (0.6–1) ^j	0.9 (0.6–1)	<.001

Note:—MMSE indicates Mini-Mental State Examination (Folstein et al. *J Psychiatr Res* 1975;12:189–98); ACE-R, Addenbrooke's Cognitive Examination-Revised (Mioshi et al. *Int J Geriatr Psychiatry* 2006;21:1078–85); TROG, Test for Reception of Grammar (Bishop D. Psychological Corporation; 1989); wpm, words per minute; HC, healthy controls.

^a The numbers in the parentheses in column 1 indicate maximum scores.

^b $P < .001$ compared with controls.

^c $P < .01$ compared with svPPA.

^d $P < .001$ compared with nfvPPA.

^e $P < .01$ compared with AD.

^f $P < .05$ compared with nfvPPA.

^g $P < .01$ compared with nfvPPA.

^h $P < .05$ compared with AD.

ⁱ $P < .001$ compared with svPPA.

^j $P < .01$ compared with controls.

^k $P < .05$ compared with svPPA.

^l $P < .05$ compared with mixed PPA.

^m $P < .05$ compared with controls.

ⁿ Nonparametric test.