

Supplemental Material S5.

Mean Length of Utterance, Type-Token Ratio, and Percent Incomplete Utterances for People With and Without Aphasia in Both Discourse Conditions

Demographic Data				Conversation Data				SNM Data			
ID (Age)		Ed/R	WAB-R	PWA		M-PWoA		PWA		M-PWoA	
PWA	M-PWoA			Visit 1	Visit 2	Visit 1	Visit 2	Visit 1	Visit 2	Visit 1	Visit 2
P1 (40)	M1 (43)	Coll Cauc	93.5 Mild Anom	MLU: 8.26 TTR: .37 Abn: 7.7%	MLU: 6.60 TTR: .35 Abn: 6.3%	MLU: 10.39 TTR: .37 Abn: 0.0%	MLU: 8.22 TTR: .31 Abn: 0.0%	MLU: 7.92 TTR: .37 Abn: 0.0%	MLU: 8.39 TTR: .40 Abn: 0.0%	MLU: 10.34 TTR: .34 Abn: 0.0%	MLU: 10.98 TTR: .36 Abn: 0.0%
P2 (69)	M2 (71)	Coll Cauc	86.0 Mild Anom	MLU: 6.18 TTR: .35 Abn: 1.5%	MLU: 6.37 TTR: .36 Abn: 2.9%	MLU: 9.07 TTR: .35 Abn: 0.0%	MLU: 8.94 TTR: .39 Abn: 1.1%	MLU: 7.12 TTR: .27 Abn: 0.0%	MLU: 8.31 TTR: .34 Abn: 2.9%	MLU: 8.67 TTR: .41 Abn: 0.0%	MLU: 7.65 TTR: .35 Abn: 0.0%
P3 (42)	M3 (45)	HS CauL	77.2 Mild Cond	MLU: 2.75 TTR: .27 Abn: 22.1%	MLU: 2.64 TTR: .36 Abn: 12.3%	MLU: 8.05 TTR: .31 Abn: 0.0%	MLU: 9.00 TTR: .28 Abn: 0.0%	MLU: 4.58 TTR: .31 Abn: 9.5%	MLU: 5.20 TTR: .28 Abn: 12.5%	MLU: 13.57 TTR: .39 Abn: 0.0%	MLU: 10.46 TTR: .39 Abn: 0.0%
P4 (45)	M4 (48)	Coll Cauc	95.7 Min Anom	MLU: 4.12 TTR: .42 Abn: 5.8%	MLU: 5.36 TTR: .43 Abn: 12.5%	MLU: 7.86 TTR: .36 Abn: 0.0%	MLU: 7.08 TTR: .42 Abn: 0.0%	MLU: 5.83 TTR: .44 Abn: 13.8%	MLU: 6.50 TTR: .42 Abn: 3.1%	MLU: 13.11 TTR: .49 Abn: 0.0%	MLU: 8.40 TTR: .50 Abn: 0.0%
P5 (67)	M5 (62)	Gr AA	66.4 Mod TCS	MLU: 3.60 TTR: .26 Abn: 21.2%	MLU: 3.83 TTR: .22 Abn: 31.9%	MLU: 6.55 TTR: .40 Abn: 0.0%	MLU: 7.93 TTR: .31 Abn: 0.0%	MLU: 3.98 TTR: .40 Abn: 3.8%	MLU: 5.39 TTR: .40 Abn: 3.0%	MLU: 9.49 TTR: .41 Abn: 0.0%	MLU: 7.68 TTR: .36 Abn: 0.0%
P6 (74)	M6 (74)	Coll Cauc	92.7 Mild Anom	MLU: 5.47 TTR: .36 Abn: 5.5%	MLU: 5.41 TTR: .39 Abn: 1.0%	MLU: 8.32 TTR: .31 Abn: 2.2%	MLU: 7.72 TTR: .33 Abn: 0.0%	MLU: 6.39 TTR: .36 Abn: 10.2%	MLU: 8.38 TTR: .32 Abn: 11.1%	MLU: 11.31 TTR: .37 Abn: 0.0%	MLU: 9.14 TTR: .39 Abn: 0.0%
P7 (42)	M7 (42)	Coll AA	89.2 Mild Anom	MLU: 7.24 TTR: .24 Abn: 4.8%	MLU: 5.76 TTR: .21 Abn: 1.9%	MLU: 7.96 TTR: .30 Abn: 0.0%	MLU: 8.14 TTR: .29 Abn: 0.0%	MLU: 8.23 TTR: .31 Abn: 2.3%	MLU: 6.90 TTR: .33 Abn: 2.1%	MLU: 10.44 TTR: .41 Abn: 2.1%	MLU: 8.06 TTR: .42 Abn: 0.0%
P8 (67)	M8 (62)	Coll Cauc	68.0 Mod TCM	MLU: 2.96 TTR: .42 Abn: 25.7%	MLU: 3.42 TTR: .47 Abn: 19.7%	MLU: 7.99 TTR: .31 Abn: 0.0%	MLU: 7.43 TTR: .31 Abn: 0.0%	MLU: 3.21 TTR: .41 Abn: 7.1%	MLU: 3.71 TTR: .52 Abn: 5.6%	MLU: 10.79 TTR: .38 Abn: 0.0%	MLU: 7.73 TTR: .46 Abn: 0.0%
P9 (54)	M9 (55)	Coll Cauc	86.4 Mild Anom	MLU: 6.85 TTR: .23 Abn: 3.8%	MLU: 6.16 TTR: .38 Abn: 2.9%	MLU: 7.42 TTR: .30 Abn: 0.0%	MLU: 8.07 TTR: .28 Abn: 0.0%	MLU: 8.73 TTR: .28 Abn: 7.1%	MLU: 10.64 TTR: .33 Abn: 0.0%	MLU: 9.66 TTR: .41 Abn: 0.0%	MLU: 9.46 TTR: .40 Abn: 0.0%
P10 (38)	M10 (37)	Gr Cauc	96.3 Min Anom	MLU: 7.36 TTR: .30 Abn: 1.0%	MLU: 8.24 TTR: .32 Abn: 1.0%	MLU: 8.70 TTR: .36 Abn: 0.0%	MLU: 7.08 TTR: .31 Abn: 0.0%	MLU: 8.12 TTR: .33 Abn: 0.0%	MLU: 8.24 TTR: .33 Abn: 0.0%	MLU: 8.75 TTR: .41 Abn: 0.0%	MLU: 8.62 TTR: .38 Abn: 0.0%

P11 (76)	M11 (78)	Coll Cauc	85.1 Mild Cond	MLU: 7.12 TTR: .35 Abn: 1.0%	MLU: 6.11 TTR: .36 Abn: 1.0%	MLU: 8.18 TTR: .34 Abn: 0.0%	MLU: 8.75 TTR: .32 Abn: 0.0%	MLU: 7.85 TTR: .38 Abn: 1.7%	MLU: 8.06 TTR: .41 Abn: 4.1%	MLU: 10.20 TTR: .37 Abn: 0.0%	MLU: 7.58 TTR: .42 Abn: 2.3%
P12~ (47)	M12 (45)	Gr Asian	61.0 Mod Cond	MLU: 5.28 TTR: .27 Abn: 2.3%	MLU: 4.63 TTR: .30 Abn: 6.2%	MLU: 9.02 TTR: .24 Abn: 0.0%	MLU: 8.71 TTR: .32 Abn: 0.0%	MLU: 6.68 TTR: .27 Abn: 1.1%	MLU: 5.08 TTR: .25 Abn: 7.6%	MLU: 9.39 TTR: .43 Abn: 0.0%	MLU: 11.28 TTR: .35 Abn: 0.0%
P13 (74)	M13 (73)	HS Cauc	88.5 Mild Anom	MLU: 6.87 TTR: .28 Abn: 1.8%	MLU: 6.87 TTR: .31 Abn: 1.1%	MLU: 9.53 TTR: .33 Abn: 0.0%	MLU: 11.09 TTR: .31 Abn: 0.0%	MLU: 6.60 TTR: .25 Abn: 7.1%	MLU: 6.55 TTR: .32 Abn: 2.5%	MLU: 8.90 TTR: .39 Abn: 0.0%	MLU: 11.55 TTR: .41 Abn: 0.0%
P14 (57)	M14 (56)	Coll Cauc	91.2 Mild Anom	MLU: 9.75 TTR: .23 Abn: 3.1%	MLU: 4.63 TTR: .24 Abn: 2.8%	MLU: 6.99 TTR: .32 Abn: 0.0%	MLU: 6.12 TTR: .31 Abn: 0.0%	MLU: 10.48 TTR: .35 Abn: 2.2%	MLU: 12.46 TTR: .26 Abn: 0.0%	MLU: 13.04 TTR: .38 Abn: 0.0%	MLU: 11.92 TTR: .34 Abn: 0.0%
P15 (77)	M15 (77)	Gr Cauc	97.2 Min Anom	MLU: 6.23 TTR: .32 Abn: 7.4%	MLU: 6.87 TTR: .37 Abn: 1.2%	MLU: 6.60 TTR: .35 Abn: 0.0%	MLU: 7.00 TTR: .31 Abn: 0.0%	MLU: 7.97 TTR: .25 Abn: 7.6%	MLU: 7.86 TTR: .28 Abn: 9.5%	MLU: 8.11 TTR: .34 Abn: 0.0%	MLU: 9.13 TTR: .31 Abn: 0.0%
P16 (65)	M16 (64)	HS Cauc	94.7 Min Anom	MLU: 7.21 TTR: .37 Abn: 3.7%	MLU: 8.89 TTR: .33 Abn: 4.4%	MLU: 6.89 TTR: .35 Abn: 0.0%	MLU: 6.36 TTR: .35 Abn: 0.0%	MLU: 6.90 TTR: .38 Abn: 0.0%	MLU: 7.59 TTR: .46 Abn: 0.0%	MLU: 8.41 TTR: .46 Abn: 0.0%	MLU: 8.96 TTR: .44 Abn: 0.0%
P17 (41)	M17 (40)	Coll Cauc	65.8 Mod Wern	MLU: 4.27 TTR: .29 Abn: 14.9%	MLU: 4.72 TTR: .32 Abn: 18.9%	MLU: 8.05 TTR: .28 Abn: 0.0%	MLU: 9.10 TTR: .29 Abn: 0.0%	MLU: 4.85 TTR: .28 Abn: 5.3%	MLU: 4.53 TTR: .37 Abn: 9.4%	MLU: 11.06 TTR: .37 Abn: 0.0%	MLU: 9.98 TTR: .42 Abn: 0.0%
P18 (62)	M18 (63)	Gr Cauc	52.2 Mod Cond	MLU: 4.94 TTR: .16 Abn: 2.9%	MLU: 7.30 TTR: .15 Abn: 3.2%	MLU: 8.81 TTR: .31 Abn: 0.0%	MLU: 8.09 TTR: .36 Abn: 0.0%	MLU: 4.16 TTR: .34 Abn: 8.0%	MLU: 4.48 TTR: .30 Abn: 1.8%	MLU: 12.16 TTR: .38 Abn: 0.0%	MLU: 9.04 TTR: .39 Abn: 0.0%
P19 (64)	M19 (62)	HS Cauc	58.8 Mod Broca	MLU: 2.68 TTR: .40 Abn: 0.0%	MLU: 3.94 TTR: .37 Abn: 2.1%	MLU: 8.06 TTR: .30 Abn: 0.0%	MLU: 7.51 TTR: .32 Abn: 0.0%	MLU: 2.96 TTR: .42 Abn: 0.0%	MLU: 2.09 TTR: .42 Abn: 0.0%	MLU: 6.65 TTR: .45 Abn: 0.0%	MLU: 5.94 TTR: .49 Abn: 0.0%
P20 (65)	M20 (67)	Coll Cauc	90.4 Mild Anom	MLU: 7.88 TTR: .34 Abn: 15.9%	MLU: 3.95 TTR: .31 Abn: 21.9%	MLU: 9.01 TTR: .37 Abn: 0.0%	MLU: 8.76 TTR: .35 Abn: 0.0%	MLU: 7.52 TTR: .29 Abn: 1.1%	MLU: 7.98 TTR: .35 Abn: 1.5%	MLU: 13.34 TTR: .36 Abn: 0.0%	MLU: 11.39 TTR: .38 Abn: 0.0%

Note. ID = participant identifier, ED/R = education/race & ethnicity; PWA = person with aphasia; M-PWoA = matched participant without aphasia; WAB-AQ = Western Aphasia Battery –Revised, Aphasia Quotient; Coll = college; MLU = mean length of utterance; TTR = type token ratio; Abn = % abandoned utterances due to lexical retrieval difficulty, identified by behaviors, e.g., comments, frustration, request for assistance, etc.; **bold = female**; CauC = Caucasian, non-Latino; Anom = anomia; HS = high school; † = 5 left hemisphere strokes; CauL = Caucasian, Latino; Cond = conduction aphasia; *italics* = extended transcription, for P3, because partner told a story for 2'53"; for P8 and P19, to obtain > 300 words; for P18, to allow participant to complete topic; Min = minimal aphasia, WAB score > 93.8; Gr = graduate degree; AA = African American, non-Latino; Mod = moderate; TCS = transcortical sensory aphasia; TCM = transcortical motor aphasia; # = visit 2 conversation had fewer than 300 words, so sample 1 was truncated; ~ = First language Korean until age 6, then immersed in American school; † = 2 left hemisphere strokes; ^ = reliability conducted on 28% of sample; Wern = Wernicke's aphasia.