

Supplemental Material S1. Survey instrument.

Instructions for Version A [or Version B]: You will be asked to listen to 20 [or 10] different speech samples and to rate each of them on several dimensions. We expect this to take about 1 and a half hours [or 45 minutes] in total (samples vary in length, averaging about 3 minutes each). You may stop and start the survey if you need to, but we request that you complete all the samples within two weeks.

Please make sure you are in a quiet environment with minimal distractions. Ideally, you should listen to the samples over headphones. You will be able to play the sample as many times as you like, and to rate the sample as you listen. However, once you finish rating a sample and move on to the next one, you will not be able to go back to modify your responses to the previous samples.

ID		
Standard Attributes	Label Type	ID Numeric
Recorded_date		
Standard Attributes	Label Type	Recorded Date Numeric
Q1		
Standard Attributes	Label Type	How old are you? Numeric
Valid Values	1	20-30
	2	31-40
	3	41-50
	4	51-60
	5	61-70
	6	71-80
	7	81-90
	9	Prefer not to answer
Q2		
Standard Attributes	Label Type	What is the highest level of education have you completed? Numeric
Valid Values	1	BA/BS degree
	2	MA/MS degree
	3	PhD
	8	Other (please specify)
	Type	String
	9	Prefer not to answer
Q4		
Standard Attributes	Label Type	What kind of facility do you work in? Numeric
Valid Values	1	acute-care hospital
	2	rehab facility
	3	long-term care facility
	4	private practice
	5	university clinic
	8	other (please specify)
	Type	String
Q5		
Standard Attributes	Label Type	How long have you been practicing as a certified speech-language pathologist? Numeric

Valid	1	< 1 year
Values	2	1-5 years
	3	5-10 years
	4	10-20 years
	5	> 20 years
	8	other (please explain)
	Type	String

Q6

Standard	Label	Approximately what proportion of your caseload consists of individuals with aphasia?
Attributes	Type	Numeric
Valid	1	1-20%
Values	2	21-40%
	3	41-60%
	4	61-80%
	5	81-100%
	8	other (please explain)
	Type	String

Q7

Standard	Label	Approximately how many individuals with aphasia have you interacted with in a professional capacity?
Attributes	Type	Numeric
Valid	1	1-9
Values	2	10-20
	3	21-50
	4	51-100
	5	>100
	8	other (please explain)
	Type	String

Practice_a

Standard	Label	How fluent is the speaker during this sample?
Attributes	Type	Numeric
Valid	0	Very nonfluent
Values	100	Hyperfluent
	999	Unable to judge

Practice_b

Standard	Label	How slow is the speaker's rate of speech during this sample?
Attributes	Type	Numeric
Labeled	0	Very slow
Values	100	Abnormally fast rate
	999	Unable to judge

Practice_c

Standard	Label	How much of the sample consists of pauses?
Attributes	Type	Numeric
Valid	0	A large proportion
Values	100	A normal proportion
	999	Unable to judge

Practice_d		
Standard	Label	How effortful is the speaker's articulation during this sample?
Attributes	Type	Numeric
Labeled	0	Very effortful
Values	100	Not effortful at all
	999	Unable to judge
Practice_e		
Standard	Label	How restricted is the speaker's melodic line or intonational contour during this sample?
Attributes	Type	Numeric
Valid	0	Very limited
Values	100	Normal variability
	999	Unable to judge
Practice_f		
Standard	Label	How restricted is the speaker's typical phrase length during this sample?
Attributes	Type	Numeric
Labeled	0	Very limited
Values	100	Normal variability
	999	Unable to judge
Practice_g		
Standard	Label	How grammatical is the speaker during this sample?
Attributes	Type	Numeric
Valid	0	Very agrammatic
Values	100	Normally grammatical
	999	Unable to judge
Practice_h		
Standard	Label	How limited is the speaker's word retrieval during this sample?
Attributes	Type	Numeric
Valid	0	Very limited
Values	100	No limitation
	999	Unable to judge
<i>(Same 8 questions repeated for 20 [or 10] samples)</i>		
Q8		
Standard	Label	In the clinic, how would you usually measure or assess fluency in aphasia?
Attributes	Type	Numeric
Valid	1	by calculating speech rate
Values	2	by calculating phrase length
	3	by measuring some aspect(s) of grammatical competence
	4	by assessing articulatory effort
	5	by measuring word retrieval abilities
	6	by using the WAB Spontaneous Speech Scores
	7	by making a subjective judgement based on one or more of the above dimensions
	8	other (please specify)
	Type	String
Valid	9	I don't measure or assess fluency
Values		

Q9: Of the methods you selected above, please rank them in order of importance, starting with 1 as the most important.

Q9_1

Standard	Label	By calculating speech rate
Attributes	Type	Numeric - Ranking
Valid	1	Most important
Values	2	2nd in importance
	3	3rd in importance
	4	4th in importance
	5	5th in importance
	6	6th in importance
	7	7th in importance
	8	8th in importance

Q9_2

Standard	Label	By calculating phrase length
Attributes	Type	Numeric - Ranking
Valid	1	Most important
Values	2	2nd in importance
	3	3rd in importance
	4	4th in importance
	5	5th in importance
	6	6th in importance
	7	7th in importance
	8	8th in importance

Q9_3

Standard	Label	By measuring some aspect(s) of grammatical competence
Attributes	Type	Numeric - Ranking
Valid	1	Most important
Values	2	2nd in importance
	3	3rd in importance
	4	4th in importance
	5	5th in importance
	6	6th in importance
	7	7th in importance
	8	8th in importance

Q9_4

Standard	Label	By assessing articulatory effort
Attributes	Type	Numeric - Ranking
Valid	1	Most important
Values	2	2nd in importance
	3	3rd in importance
	4	4th in importance
	5	5th in importance
	6	6th in importance
	7	7th in importance
	8	8th in importance

Q9_5

Standard	Label	By measuring word retrieval abilities
Attributes	Type	Numeric - Ranking
Valid	1	Most important
Values	2	2nd in importance
	3	3rd in importance
	4	4th in importance
	5	5th in importance
	6	6th in importance
	7	7th in importance
	8	8th in importance

Q9_6

Standard	Label	By using the WAB Spontaneous Speech Scores
Attributes	Type	Numeric - Ranking
Valid	1	Most important
Values	2	2nd in importance
	3	3rd in importance
	4	4th in importance
	5	5th in importance
	6	6th in importance
	7	7th in importance
	8	8th in importance

Q9_7

Standard	Label	By making a subjective judgement based on one or more of the above dimensions
Attributes	Type	Numeric - Ranking
Valid	1	Most important
Values	2	2nd in importance
	3	3rd in importance
	4	4th in importance
	5	5th in importance
	6	6th in importance
	7	7th in importance
	8	8th in importance

Q9_8

Standard	Label	Other
Attributes	Type	Numeric - Ranking
Valid	1	Most important
Values	2	2nd in importance
	3	3rd in importance
	4	4th in importance
	5	5th in importance
	6	6th in importance
	7	7th in importance
	8	8th in importance

Q10

Standard	Label	Do you think it is important to develop a more reliable way to measure fluency in aphasia?
Attributes	Type	
Valid	0	
Values	100	Not important at all
		Very important

Q11

Standard	Label	Please add any suggestions, feedback, or other comments in the box below.
Attributes	Type	
		String