## **■** Data Dictionary Codebook

03/05/2023 9:27pm

#	Variable / Field Name	Field Label Field Note	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)			
Instr	nstrument: Primary Coding (primary_coding)					
1	[article_id]	Article ID	text			
2	[welcome]	This is the PRIMARY coding input form. Stay here if you are assigned as coder #1 for this article. Key links and information: coding assignments spreadsheet google drive folder (includes updated coding manual) ASHA wire (to find all articles)	descriptive			
3	[pdf]	Upload the article in PDF formal. Name the file using the short (in text) APA citation format with no punctuation, like "stark et al 2016.pdf" or "romanoff and barton 2012.pdf"	file, Required			
4	[extraction_date]	Section Header: Article Info and Inclusion Criteria	text (date_mdy), Required			
		Date on which data was extracted from study				
5	[coder]	Primary coder (initials of person extracting data from this study)	dropdown, Required  1			
6	[journal]	Journal	dropdown, Required  1 AJA  2 AJSLP  3 JSLHR  4 LSHSS  5 Perspectives  6 other			
7	[ journal_other ] Show the field ONLY if: [journal] = '6'	Please provide the full citation here, and let a team leader know so we can identify why this study was included in the corpus for review!	notes			
8	[authors]	Author(s) (provide in long APA 7 format, as in a reference section)	text			
9	[title]	Article title	text			
10	[year]	Year in which study was published and paginated	dropdown 1 2012 2 2014 3 2016 4 2018 5 2020 6 other			

11	[year_other] Show the field ONLY if: [year] = '6'	Please provide the full citation here, and let a team leader know so we can identify why this study was included in the corpus for review!	notes			
12	[empirical]	Confirmed primary empirical research?	1			
13	[human]	Confirmed at least one human participant?	Í	no, Required Yes No		
14	[us_participants]	Confirm study can reasonably be assumed to involve only US-based participants?	1	<del>                                      </del>		
15	[excluded]  Show the field ONLY if: [journal] = '6' or [year] = '6' or [empirical] = '0' or [us_partici pants] = '0' or [human] = 0	THIS STUDY DOES NOT MEET INCLUSION CRITERIA. IF YOU ARE SURE THIS IS CORRECT, STOP YOUR DATA EXTRACTION HERE. SKIP DOWN TO THE BOTTOM OF THIS SURVEY, SELECT "COMPLETE," AND FEEL FREE TO MOVE ON TO ANOTHER STUDY. THANK YOU.	descriptive			
16	[research_area]	Section Header: Background and Study Design	radi			
		What are the primary areas of research?(select the option that most applies to the study)	1	articulation/speech-sound disorders		
			2	developmental language & learning		
			5	neurogenic communication disorders voice and resonance disorders		
			6	fluency and fluency disorders		
			7	swallowing/feeding disorders		
			8	augmentative and alternative communication issues		
			9	audiologic/vestibular prevention and screening		
			10	audiologic/vestibular evaluation and assessment		
			11	AuD treatment (includes rehabilitation, counseling, and technology)		
			12	general audiology and hearing science		
			13	general speech science		
			15	clinical training/education		
			16			
			14	other		
17	[research_area_other] Show the field ONLY if: [research_area] = '14'	What area of research is the focus of this study (best fit not provided above)?	text			
18	[population]	What is the target population for research?(e.g., "preschoolers with autism," "adolescents with TBI," "adults with typical hearing")	text			
19	[sampling]	Consider the participant sampling method: was a clearly and explicitly described probability sample utilized in the study? (a probability sample requires a form of random selection from the entire known population and includes simple random, stratified random, proportionate stratified random, systematic, and clustered sampling methods)	radio  1 Yes - the study made explicit use of probability sampling  0 No - the study did NOT use or explicitly describe a probability sampling approach			
20	[design]	What is the design of the study? Quasi-experimental and experimental designs generally aim to establish cause and effect relations with differing experimental conditions.	1 2	odown experimental quasi-experimental non-experimental		

21	[design_longitudinal]	Did the study design unambiguously involve multiple visits for	radio			
		one or more participants? (i.e., more than one visit at a single time point and/or more than one time point)	1 Yes (multiple visits)			
		time point and/or more than one time point/	0 No (zero or one visit, or unclear)			
22	[age_group]	Section Header: Participant Info & Demographics	radio			
		What broad age groups are included in this study?	1 pediatric (ages 0-17)			
			2 adult (18+)			
			3 lifespan (mix of children/adults)			
23	[participants_limited]	Was this study designed to limit participant inclusion in any	checkbox			
		way based on sex, gender, race, or ethnicity? For example, did the study exclusively recruit individuals assigned female at	1 participants_limited1 sex and/or gender			
		birth, or exclusively recruit African American children, etc.?	2 participants_limited2 race			
		(select all that apply, or "none of the above")	3 participants_limited3 ethnicity			
			4 participants_limited4 none of the above			
			Field Annotation: @NONEOFTHEABOVE=4			
24	[participants]	What is the total number of participants?	text (integer)			
25	[location]	What are the reported location(s) of study participants?(select	checkbox			
		all that apply)	1 location1 Online			
			2 location2 Northeast (CT, ME, MA, NH, RI, VT, NJ, NY, PA)			
			3 location3 Midwest (IL, IN, MI, OH, WI, IA, KS, MN, MO, NE, ND, SD)			
			4 location4 South (DE, FL, GA, NC, SC, VA, MD, DC, WV, AL, KY, MS, TN, AR, LA, OK, TX)			
			5 location5 West (AZ, CO, ID, MT, NV, NM, UT, WY, AK, CA, HI, OR, WA)			
			6 location6 Not specified (presumed US participants)			
			7 location7 Other			
26	[location_other]	What other location information is provided?	text			
	Show the field ONLY if: [location(7)] = '1'					
27	[gender]	What is the gender reported for participants? Males/men/boys reported Females/women/girls reported Gender-neutral, non-conforming or non-binary reported Gender not disclosed or given Total # of participants {gender_masc} {gender_fem} {gender_other} {gender_na} {sum_gender}	descriptive			
28	[gender_error]	CAUTION: It looks like you may have some participants that	checkbox			
	Show the field ONLY if: [sum_gender] < [participants]	were left out of a gender category somewhere. Note that all participants for whom no gender- or sex- classification is given should be counted under "Gender not disclosed or given."	1 gender_error1 l've confirmed no error			
29	[gender_oth_labs]  Show the field ONLY if: ([gender_other] >= '1') AND ([gender_other] <> "")	Please list any alternative terms used to identify participants' gender that are not overtly masculine or feminine.	notes			
30	[sum_gender]		calc Calculation: sum([gender_masc],[gender_fem], [gender_other],[gender_na])			
31	[gender_masc]		text (integer)			
32	[gender_fem]		text (integer)			
33	[gender_other]		text (integer)			
34	[gender_na]		text (integer)			
		1	<del>.</del>			

35	[sexgender_conflate]	Does the article include language that explicitly frames gender	radio	
		(identity) as distinct from sex (biology) in description of participants? Indicated with language such as: "sex assigned at birth" "trans-" or "transgender" "cis-" or "cisgender"	1 Yes, the article includes language that overtly signifies "gender" as distinct from "sex"	
		"identifies as [male/female/etc.]" nonbinary or noncomforming gender descriptives	No, language does not clearly and unambiguously signify "gender" as distinct from "sex"	
36	[sexgender_details]	Provide a brief summary of how language in the article clearly	notes	
	Show the field ONLY if: [sexgender_conflate] = 1	frames gender as distinct from sex.		
37	[race_reported]	Is race reported for participants? Any indication of reporting racial categories here, whether or not combined with ethnicity, would qualify as a 'yes.'	yesno 1 Yes 0 No	
38	[race] Show the field ONLY if: [race_reported] = '1'	Racial Category # of Participants American Indian or Alaska Native {race_indiginous} Asian {race_asian} Black or African American {race_black} Native Hawaiian or Other Pacific Islander {race_pacific} White {race_white} Other {race_other} More than one race {race_multi} Participant declined to report {race_na}	descriptive	
39	[race_indiginous]		text (integer)	
40	[race_asian]		text (integer)	
41	[race_black]		text (integer)	
42	[race_pacific]		text (integer)	
43	[race_white]		text (integer)	
44	[race_other]		text (integer)	
45	[race_multi]		text (integer)	
46	[race_na]		text (integer)	
47	[race_other_examples]	What other racial categories are provided?	notes	
	Show the field ONLY if: [race_other] <> "" and [race_o ther] <> '0'			
48	[ethnicity_reported]	Is ethnicity reported for participants, separately from racial categories? Only select 'yes' if the manuscript offers Hispanic/Latino categories as distinct from racial categories, or if the authors provide a clear and distinct definition for ethnicity.	yesno 1 Yes 0 No	
49	[ethnicity]	Ethnic Categories # of Participants Reported Hispanic or	descriptive	
	Show the field ONLY if: [ethnicity_reported] = '1'	Latino/a/x {ethnicity_hispanic} Not Hispanic or Latino/a/x {ethnicity_nothispanic} Other {ethnicity_other} Participant declined to report {ethnicity_na}		
50	[ethnicity_hispanic]		text (integer)	
51	[ethnicity_nothispanic]		text (integer)	
52	[ethnicity_other]		text (integer)	
53	[ethnicity_na]		text (integer)	
54	[ethnicity_other_examples]	What other ethnic categories are provided?	notes	
	Show the field ONLY if: [ethnicity_other] <> "" and [et hnicity_other] <> '0'			
55	[raceethnicity_conflate]	Are race and ethnicity clearly presented as distinct concepts?	radio	
	Show the field ONLY if: [race_reported] = '1' or [ethni city_reported] = '1'		Yes, there is a clear distinction between the concepts of "race" and "ethnicity"      No, "race" and "ethnicity" are not clearly distinct	
56	[raceethnicity_details]	Provide a brief summary about how race and ethnicity are not	notes	
	Show the field ONLY if:	clearly distinct.		
	[raceethnicity_conflate] = '0'			

57	[ses]	Are any measures of socioeconomic status (SES) reported? Can include education, income, qualification for school/government aid programs, or employment information for participants or parents.	yesno 1 Yes 0 No
58	[ses_descr]	What measures of SES are reported?	notes
	Show the field ONLY if: [ses] = '1'		
59	[nonenglish]	Were participants excluded if they (and/or their parents): are bilingual or non-English speakers, and/or have a dialect other than "standard American English"	radio  1 Yes, participants WERE excluded in this way  2 No, participants were NOT excluded in this way
60	[language]	Is primary language information reported?Can include language of origin, primary language at home, mono- vs. multi-lingual status, or inclusion/exclusion criteria.	yesno 1 Yes 0 No
61	[language_descr] Show the field ONLY if: [language] = '1'	What type(s) of primary language information is reported?	notes
62	[recruitment_dateyn]	Is a start date (or earliest date) for recruitment of participants reported in this study?	yesno 1 Yes 0 No
63	<pre>[recruitment_date] Show the field ONLY if: [recruitment_dateyn] = '1'</pre>	What is the earliest date provided for recruitment? (provide max info available Month-Day-Year, or Month-Year, or just Year)	text
64	[recruitment]	Are recruitment strategies reported? Make special note of strategies to recruit diverse/representative participants.	yesno 1 Yes 0 No
65	<pre>[recruitment_strategies] Show the field ONLY if: [recruitment] = 1</pre>	What recruitment strategies are reported?	notes
66	[retention]	Are retention strategies reported?	yesno 1 Yes 0 No
67	<pre>[retention_strategies] Show the field ONLY if: [retention] = '1'</pre>	What retention strategies are reported? Make special note of any considerations to retain diverse/representative participants.	notes
68	[participant_limitations]	Other limitations or concerns regarding the participant sample in this study?	notes
69	[sex_analysis]	Section Header: Analyses  Is sex or gender considered in the study's statistical and/or qualitative analyses? (e.g., between-group differences by gender)	yesno 1 Yes 0 No
70	[race_analysis]	Is race or ethnicity considered in the study's statistical and/or qualitative analyses? (e.g., between-group differences among racial groups)	yesno 1 Yes 0 No
71	[sex_discuss]	Section Header: Discussion Is sex or gender mentioned in the study's discussion section? Select 'yes' if sex/gender is mentioned anywhere in the discussion section, including as a limitation or suggestion for future study.	yesno 1 Yes 0 No
72	[race_discuss]	Is race or ethnicity mentioned in the study's discussion section? Select 'yes' if race/ethnicity is mentioned anywhere in the discussion section, including as a limitation or suggestion for future study.	yesno 1 Yes 0 No

73 [funding] Section Header: Acknowledgements & Comments checkbox  What funding sources are reported? This information is funding 1			
What funding sources are reported? This information is typically located in the "Acknowledgements" section just before references. (choose all that apply)	NIH (National Institutes of Health, includes NIH sub- agencies NIDCD, NCATS, NIMH, NICHD, NINDS, Institute on Aging)		
2 funding_2	IES (Institute of Education Sciences)		
3 funding_3	DOE (Dept. of Education)		
4 funding4	NSF (National Science Foundation)		
5 funding_5	ASHA (American Speech- Language-Hearing Association)		
6 funding_6	ASHFoundation		
7 funding7	other internal (university or other institutional) funding		
8 funding8	funding from a private corporation		
9 funding_9	funding from another non-profit organization		
10 funding10	no funding sources reported		
	other funding source(s)		
74 [funding_other] What other funding sources are reported? notes			
Show the field ONLY if: [funding(11)] = '1'			
75 [comments] Other comments about diversity and representation in this study?	notes		
76 [primary_coding_complete] Section Header: Form Status dropdown			
Complete?			
1 Unverified			
2 Complete			
Instrument: Reliability Coding (reliability_coding)			
77 [welcome_v2] This is the SECONDARY CODING entry for this article.  COMPLETE THIS FORM if you are designated as a secondary coder for this article. Key links and information: coding assignments spreadsheet google drive folder (includes updated coding manual) ASHA wire (to find all articles)			
78 [coder_v2] Section Header: Article Info and Inclusion Criteria dropdown, Requir	red		
Secondary/reliability coder (initials of person extracting data from this study)			
2 RM			
3 TW			
4 RJ			
5 DP			
6 KMT			
7 KS			
8 JM			
9 ZJW			
10 KB			
11 HK			

		T	
80	[journal_v2]	Journal	dropdown, Required  1 AJA 2 AJSLP 3 JSLHR 4 LSHSS 5 Perspectives 6 other
81	[ journal_other_v2 ] Show the field ONLY if: [journal_v2] = '6'	Please provide the full citation here, and let a team leader know so we can identify why this study was included in the corpus for review!	notes
82	[authors_v2]	Author(s) (provide in long APA 7 format, as in a reference section)	text
83	[title_v2]	Article title	text
84	[year_v2]	Year in which study was published and paginated	dropdown  1 2012  2 2014  3 2016  4 2018  5 2020  6 other
85	[year_other_v2] Show the field ONLY if: [year_v2] = '6'	Please provide the full citation here, and let a team leader know so we can identify why this study was included in the corpus for review!	notes
86	[empirical_v2]	Confirmed primary empirical research?	yesno, Required  1 Yes  0 No
87	[human_v2]	Confirmed at least one human participant?	yesno, Required  1 Yes 0 No
88	[us_participants_v2]	Confirm study can reasonably be assumed to involve only US-based participants?	yesno, Required  1 Yes  0 No
89	[excluded_v2] Show the field ONLY if: [journal_v2] = '6' or [year_v2] = '6' or [empirical_v2] = '0' or [us_participants_v2] = '0' or [h uman_v2] = 0	THIS STUDY DOES NOT MEET INCLUSION CRITERIA. IF YOU ARE SURE THIS IS CORRECT, STOP YOUR DATA EXTRACTION HERE. SKIP DOWN TO THE BOTTOM OF THIS SURVEY, SELECT "COMPLETE," AND FEEL FREE TO MOVE ON TO ANOTHER STUDY. THANK YOU.	descriptive

90	Engagnah v23	Section Header: Background and Study Design	radi	^	
90	[research_area_v2]	What are the primary areas of research?(select the option that	1 articulation/speech-sound disorders		
		most applies to the study)	2	developmental language & learning	
			3	neurogenic communication disorders	
			5	voice and resonance disorders	
			6	fluency and fluency disorders	
			7	swallowing/feeding disorders	
			8	augmentative and alternative communication issues	
			9	audiologic/vestibular prevention and screening	
			10	audiologic/vestibular evaluation and assessment	
			11	AuD treatment (includes rehabilitation, counseling, and technology)	
			12	general audiology and hearing science	
			13	general speech science	
			15	clinical training/education	
			16	professional issues	
			14	other	
91	[research_area_other_v2]	What area of research is the focus of this study (best fit not	text		
	Show the field ONLY if: [research_area_v2] = '14'	provided above)?			
92	[population_v2]	What is the target population for research?(e.g., "preschoolers with autism," "adolescents with TBI," "adults with typical hearing")	text		
93	[sampling_v2]	Consider the participant sampling method: was a clearly and explicitly described probability sample utilized in the study? (a probability sample requires a form of random selection from the entire known population and includes simple random, stratified random, proportionate stratified random, systematic, and clustered sampling methods)	radio  1 Yes - the study made explicit use of probability sampling  0 No - the study did NOT use or explicitly describe a probability sampling approach		
94	[design_v2]	What is the design of the study? Quasi-experimental and experimental designs generally aim to establish cause and effect relations with differing experimental conditions.	dropdown  1 experimental  2 quasi-experimental		
			3	non-experimental	
95	[design_longitudinal_v2]	Did the study design unambiguously involve multiple visits for one or more participants? (i.e., more than one visit at a single time point and/or more than one time point)	radio 1 Yes (multiple visits) 0 No (zero or one visit, or unclear)		
96	[age_group_v2]	Section Header: Participant Info & Demographics What broad age groups are included in this study?	radio 1 pediatric (ages 0-17) 2 adult (18+) 3 lifespan (mix of children/adults)		
97	[participants_limited_v2]	Was this study designed to limit participant inclusion in any way based on sex, gender, race, or ethnicity? For example, did the study exclusively recruit individuals assigned female at birth, or exclusively recruit African American children, etc.? (select all that apply, or "none of the above")	checkbox  1 participants_limited_v21 sex and/or gender 2 participants_limited_v22 race 3 participants_limited_v23 ethnicity 4 participants_limited_v24 none of the above  Field Annotation: @NONEOFTHEABOVE=4		
98	[participants_v2]	What is the total number of participants?		(integer)	
	21 - 2 2 P. 22-23				

00	Elecation ::21	What are the reported location(s) of study a particle sate 3/1	chackbox		
99	[location_v2]	What are the reported location(s) of study participants?(select all that apply)	checkbox 1 location_v21 Online		
			2 location_v22 Northeast (CT, ME, MA, NH, RI,		
			VT, NJ, NY, PA)		
			3 location_v23 Midwest (IL, IN, MI, OH, WI, IA, KS, MN, MO, NE, ND, SD)		
			4 location_v24 South (DE, FL, GA, MA, NC, SC, VA, MD, DC, WV, AL, KY, MS, TN, AR, LA, OK, TX)		
			5 location_v25 West (AZ, CO, ID, MT, NV, NM, UT, WY, AK, CA, HI, OR, WA)		
			6 location_v26 Not specified (presumed US participants)		
			7 location_v27 Other		
100	[location_other_v2]	What other location information is provided?	text		
	Show the field ONLY if: [location_v2(7)] = '1'				
101	[gender_v2]	What is the gender reported for participants? Males/men/boys reported Females/women/girls reported Gender-neutral, non-conforming or non-binary reported Gender not disclosed or given Total # of participants {gender_masc_v2} {gender_fem_v2} {gender_other_v2} {gender_na_v2} {sum_gender_v2}	descriptive		
102	[gender_oth_labs_v2]	Please list any alternative terms used to identify participants'	notes		
	Show the field ONLY if: ([gender_other_v2] >= '1') AN D ([gender_other_v2] <> "")	gender that are not overtly masculine or feminine.			
103	[gender_error_v2]	CAUTION: It looks like you may have some participants that	checkbox		
	Show the field ONLY if: [sum_gender_v2] < [participa nts_v2]	were left out of a gender category somewhere. Note that all participants for whom no gender- or sex- classification is given should be counted under "Gender not disclosed or given."	1 gender_error_v21 I've confirmed no error		
104	[sum_gender_v2]		calc Calculation: sum([gender_masc_v2],[gender_fem_v2], [gender_other_v2],[gender_na_v2])		
105	[gender_masc_v2]		text (integer)		
106	[gender_fem_v2]		text (integer)		
107	[gender_other_v2]		text (integer)		
108	[gender_na_v2]		text (integer)		
109	[sexgender_conflate_v2]	Does the article include language that explicitly frames gender	radio		
		(identity) as distinct from sex (biology) in description of participants? Indicated with language such as: "sex assigned at birth" "trans-" or "transgender" "cis-" or "cisgender"	1 Yes, the article includes language that overtly signifies "gender" as distinct from "sex"		
		"identifies as [male/female/etc.]" nonbinary or noncomforming gender descriptives	0 No, language does not clearly and unambiguously signify "gender" as distinct from "sex"		
110	[sexgender_details_v2] Show the field ONLY if: [sexgender_conflate_v2] = '1'	Provide a brief summary of how language in the article clearly frames gender as distinct from sex.	notes		
111	[race_reported_v2]	Is race reported for participants? Any indication of reporting racial categories here, whether or not combined with ethnicity, would qualify as a 'yes.'	yesno 1 Yes 0 No		
112	[race_v2] Show the field ONLY if: [race_reported_v2] = '1'	Racial Category # of Participants American Indian or Alaska Native {race_indiginous_v2} Asian {race_asian_v2} Black or African American {race_black_v2} Native Hawaiian or Other Pacific Islander {race_pacific_v2} White {race_white_v2} Other {race_other_v2} More than one race {race_multi_v2} Participant declined to report {race_na_v2}	descriptive		
113	[race_indiginous_v2]		text (integer)		

114	[race_asian_v2]		text (integer)		
115	[race_black_v2]		text (integer)		
116	[race_pacific_v2]		text (integer)		
117	[race_white_v2]		text (integer)		
118	[race_other_v2]		text (integer)		
119	[race_multi_v2]		text (integer)		
120	[race_na_v2]		text (integer)		
121	[race_other_examples_v2]	What other racial categories are provided?	notes		
	Show the field ONLY if: [race_other_v2] <> "" and [rac e_other_v2] <> '0'				
122	[ethnicity_reported_v2]	Is ethnicity reported for participants, separately from racial categories? Only select 'yes' if the manuscript offers Hispanic/Latino categories as distinct from racial categories, or if the authors provide a clear and distinct definition for ethnicity.	yesno 1 Yes 0 No		
123	[ethnicity_v2] Show the field ONLY if: [ethnicity_reported_v2] = '1'	Ethnic Categories # of Participants Reported Hispanic or Latino/a/x {ethnicity_hispanic_v2} Not Hispanic or Latino/a/x {ethnicity_nothispanic_v2} Other {ethnicity_other_v2} Participant declined to report {ethnicity_na_v2}	descriptive		
124	[ethnicity_hispanic_v2]		text (integer)		
125	<pre>[ethnicity_nothispanic_v2]</pre>		text (integer)		
126	[ethnicity_other_v2]		text (integer)		
127	[ethnicity_na_v2]		text (integer)		
128	<pre>[ethnicity_other_examples_v 2] Show the field ONLY if: [ethnicity_other_v2] &lt;&gt; "" and [ethnicity_other_v2] &lt;&gt; '0'</pre>	What other ethnic categories are provided?	notes		
129	[raceethnicity_conflate_v2]	Are race and ethnicity clearly presented as distinct concepts?	radio		
	Show the field ONLY if: [race_reported_v2] = '1' or [et hnicity_reported_v2] = '1'		Yes, there is a clear distinction between the concepts of "race" and "ethnicity"      No, "race" and "ethnicity" are not clearly distinct		
130	[raceethnicity_details_v2] Show the field ONLY if: [raceethnicity_conflate_v2] = '0'	Provide a brief summary about how race and ethnicity are not clearly distinct.	notes		
131	[ses_v2]	Are any measures of socioeconomic status (SES) reported? Can include education, income, qualification for school/government aid programs, or employment information for participants or parents.	yesno 1 Yes 0 No		
132	[ses_descr_v2] Show the field ONLY if: [ses_v2] = '1'	What measures of SES are reported?	notes		
133	[nonenglish_v2]	Were participants excluded if they (and/or their parents): are bilingual or non-English speakers, and/or have a dialect other than "standard American English"	radio 1 Yes, participants WERE excluded in this way 2 No, participants were NOT excluded in this way		
134	[language_v2]	Is primary language information reported?Can include language of origin, primary language at home, mono- vs. multi-lingual status, or inclusion/exclusion criteria.	yesno 1 Yes 0 No		
135	[language_descr_v2]	What type(s) of primary language information is reported?	notes		
	Show the field ONLY if: [language_v2] = '1'				
	[101180086_12] - 1				

136	<pre>[recruitment_dateyn_v2]</pre>	Is a start date (or earliest date) for recruitment of participants reported in this study?	yesno 1 Yes 0 No
137	<pre>[recruitment_date_v2] Show the field ONLY if: [recruitment_dateyn_v2] = '1'</pre>	What is the earliest date provided for recruitment? (provide max info available Month-Day-Year, or Month-Year, or just Year)	text
138	[recruitment_v2]	Are recruitment strategies reported? Make special note of strategies to recruit diverse/representative participants.	yesno 1 Yes 0 No
139	<pre>[recruitment_strategies_v2] Show the field ONLY if: [recruitment_v2] = 1</pre>	What recruitment strategies are reported?	notes
140	[retention_v2]	Are retention strategies reported?	yesno 1 Yes 0 No
141	<pre>[retention_strategies_v2] Show the field ONLY if: [retention_v2] = '1'</pre>	What retention strategies are reported? Make special note of any considerations to retain diverse/representative participants.	notes
142	<pre>[participant_limitations_v 2]</pre>	Other limitations or concerns regarding the participant sample in this study?	notes
143	[sex_analysis_v2]	Section Header: Analyses Is sex or gender considered in the study's statistical and/or qualitative analyses? (e.g., between-group differences by gender)	yesno 1 Yes 0 No
144	[race_analysis_v2]	Is race or ethnicity considered in the study's statistical and/or qualitative analyses? (e.g., between-group differences among racial groups)	yesno 1 Yes 0 No
145	[sex_discuss_v2]	Section Header: Discussion Is sex or gender mentioned in the study's discussion section? Select 'yes' if sex/gender is mentioned anywhere in the discussion section, including as a limitation or suggestion for future study.	yesno 1 Yes 0 No
146	[race_discuss_v2]	Is race or ethnicity mentioned in the study's discussion section? Select 'yes' if race/ethnicity is mentioned anywhere in the discussion section, including as a limitation or suggestion for future study.	yesno 1 Yes 0 No

147	[funding_v2]	Section Header: Acknowledgements & Comments	ched	kbox	
	, c 3	What funding sources are reported? This information is typically located in the "Acknowledgements" section just before references. (choose all that apply)	Health agenci NIMH,		NIH (National Institutes of Health, includes NIH sub- agencies NIDCD, NCATS, NIMH, NICHD, NINDS, Institute on Aging)
			2	funding_v22	IES (Institute of Education Sciences)
			3	funding_v23	DOE (Dept. of Education)
			4	funding_v24	NSF (National Science Foundation)
			5	funding_v25	ASHA (American Speech- Language-Hearing Association)
			6	funding_v26	ASHFoundation
			7	funding_v27	other internal (university or other institutional) funding
			8	funding_v28	funding from a private corporation
			9	funding_v29	profit organization
				funding_v21	
			11	funding_v21	1 other funding source(s)
148	[funding_other_v2]	What other funding sources are reported?	note	es	
	Show the field ONLY if: [funding_v2(11)] = '1'				
149	[comments_v2]	Other comments about diversity and representation in this study?	notes		
150	<pre>[reliability_coding_complet e]</pre>	Section Header: Form Status Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete		
Instru	ument: Discrepancy Resol	ution (if needed) (discrepancy_resolution_if_needed)			
151	[welcome_v2_v3]	This is the DISCREPANCY RESOLUTION entry for this article. ONLY COMPLETE THIS FORM if you have been assigned to do so (i.e., if there was disagreement between primary/secondary coding and you've been assigned to enter final coding).	desc	criptive	
152	[where_discrep]	Here is a code-generated fill for a list of checkbox and numerical fields where coders disagreed.	note	25	
153	[extraction_date_v2_v3]	Section Header: Article Info and Inclusion Criteria  Date on which data was extracted from study	text	(date_mdy), Req	uired
154	[journal_v2_v3]	Journal	1 2 3 . 4 5 .	odown, Required AJA AJSLP JSLHR LSHSS Perspectives other	
155	[ journal_other_v2_v3 ] Show the field ONLY if: [journal_v2_v3] = '6'	Please provide the full citation here, and let a team leader know so we can identify why this study was included in the corpus for review!	note	 es	
156	[authors_v2_v3]	Author(s) (provide in long APA 7 format, as in a reference section)	text		
157	[title_v2_v3]	Article title	text		

	-7 1 191	THE TREGETT GOD   THED			
158	[year_v2_v3]	Year in which study was published and paginated	dropdown  1 2012  2 2014  3 2016  4 2018  5 2020  6 other		
159	[year_other_v2_v3] Show the field ONLY if: [year_v2_v3] = '6'	Please provide the full citation here, and let a team leader know so we can identify why this study was included in the corpus for review!	notes		
160	[empirical_v2_v3]	Confirmed primary empirical research?	yesno, Required  1 Yes  0 No		
161	[human_v2_v3]	Confirmed at least one human participant?	yesno, Required  1 Yes  0 No		
162	[us_participants_v2_v3]	Confirm study can reasonably be assumed to involve only US-based participants?	yesno, Required  1 Yes  0 No		
163	[excluded_v2_v3]  Show the field ONLY if: [journal_v2_v3] = '6' or [year_v2_v3] = '6' or [empirical_v2_v3] = '0' or [us_participants_v2_v3] = '0' or [human_v2_v3] = 0	THIS STUDY DOES NOT MEET INCLUSION CRITERIA. IF YOU ARE SURE THIS IS CORRECT, STOP YOUR DATA EXTRACTION HERE. SKIP DOWN TO THE BOTTOM OF THIS SURVEY, SELECT "COMPLETE," AND FEEL FREE TO MOVE ON TO ANOTHER STUDY. THANK YOU.	descriptive		
164	[research_area_v2_v3]	Section Header: Background and Study Design  What are the primary areas of research?(select the option that most applies to the study)	radio  1 articulation/speech-sound disorders  2 developmental language & learning  3 neurogenic communication disorders  5 voice and resonance disorders  6 fluency and fluency disorders  7 swallowing/feeding disorders  8 augmentative and alternative communication issues  9 audiologic/vestibular prevention and screening  10 audiologic/vestibular evaluation and assessment  11 AuD treatment (includes rehabilitation, counseling, and technology)  12 general audiology and hearing science  13 general speech science  15 clinical training/education  16 professional issues  14 other		
165	[research_area_other_v2_v3] Show the field ONLY if: [research_area_v2_v3] = '14'	What area of research is the focus of this study (best fit not provided above)?	text		
166	[population_v2_v3]	What is the target population for research?(e.g., "preschoolers with autism," "adolescents with TBI," "adults with typical hearing")	text		

20, 0.2		TEL RESERT OUD   RED	r		
167	[sampling_v2_v3]	Consider the participant sampling method: was a clearly and explicitly described probability sample utilized in the study? (a probability sample requires a form of random selection from the entire known population and includes simple random, stratified random, proportionate stratified random, systematic, and clustered sampling methods)	radio  1 Yes - the study made explicit use of probabilit sampling  0 No - the study did NOT use or explicitly descria probability sampling approach		
168	[design_v2_v3]	What is the design of the study? Quasi-experimental and experimental designs generally aim to establish cause and effect relations with differing experimental conditions.	dropdown  1 experimental 2 quasi-experimental 3 non-experimental		
169	[design_longitudinal_v2_v3]	Did the study design unambiguously involve multiple visits for one or more participants? (i.e., more than one visit at a single time point and/or more than one time point)	radio  1 Yes (multiple visits)  0 No (zero or one visit, or unclear)		
170	[age_group_v2_v3]	Section Header: Participant Info & Demographics What broad age groups are included in this study?	radio  1 pediatric (ages 0-17)  2 adult (18+)  3 lifespan (mix of children/adults)		
171	<pre>[participants_limited_v2_v 3]</pre>	Was this study designed to limit participant inclusion in any way based on sex, gender, race, or ethnicity? For example, did the study exclusively recruit individuals assigned female at birth, or exclusively recruit African American children, etc.? (select all that apply, or "none of the above")	checkbox  1 participants_limited_v2_v31 sex and/or gender  2 participants_limited_v2_v32 race  3 participants_limited_v2_v33 ethnicity  4 participants_limited_v2_v34 none of the above  Field Annotation: @NONEOFTHEABOVE=4		
172	[participants_v2_v3]	What is the total number of participants?	text (integer)		
173	[location_v2_v3]	What are the reported location(s) of study participants?(select all that apply)	checkbox  1 location_v2_v31 Online  2 location_v2_v32 Northeast (CT, ME, MA, NH, RI, VT, NJ, NY, PA)  3 location_v2_v33 Midwest (IL, IN, MI, OH, WI, IA, KS, MN, MO, NE, ND, SD)  4 location_v2_v34 South (DE, FL, GA, MA, NC, SC, VA, MD, DC, WV, AL, KY, MS, TN, AR, LA, OK, TX)  5 location_v2_v35 West (AZ, CO, ID, MT, NV, NM, UT, WY, AK, CA, HI, OR, WA)  6 location_v2_v36 Not specified (presumed US participants)  7 location_v2_v37 Other		
174	[location_other_v2_v3] Show the field ONLY if: [location_v2_v3(7)] = '1'	What other location information is provided?	text		
175	[gender_v2_v3]	What is the gender reported for participants?  Males/men/boys reported Females/women/girls reported Gender-neutral, non-conforming or non-binary reported Gender not disclosed or given # of participants {gender_masc_v2_v3} {gender_fem_v2_v3} {gender_other_v2_v3} {gender_na_v2_v3}	descriptive		
176	[gender_oth_labs_v2_v3]  Show the field ONLY if: ([gender_other_v2_v3] >= '1')  AND ([gender_other_v2_v3] < > "")	Please list any alternative terms used to identify participants' gender that are not overtly masculine or feminine.	notes		

177	5 1 2 23		text (integer)		
177	[gender_masc_v2_v3]		text (integer)		
178	[gender_fem_v2_v3]		text (integer)		
179	[gender_other_v2_v3]		text (integer)		
180	[gender_na_v2_v3]		text (integer)		
181	[sexgender_conflate_v2_v3]	Does the article include language that explicitly frames gender	radio		
		(identity) as distinct from sex (biology) in description of participants? Indicated with language such as: "sex assigned at birth" "trans-" or "transgender" "cis-" or "cisgender"	1 Yes, the article includes language that overtly signifies "gender" as distinct from "sex"		
		"identifies as [male/female/etc.]" nonbinary or noncomforming gender descriptives	0 No, language does not clearly and unambiguously signify "gender" as distinct from "sex"		
182	[sexgender_details_v2_v3]	Provide a brief summary of how language in the article clearly	notes		
	Show the field ONLY if: [sexgender_conflate_v2_v3] = '1'	frames gender as distinct from sex.			
183	[race_reported_v2_v3]	Is race reported for participants? Any indication of reporting	yesno		
		racial categories here, whether or not combined with ethnicity, would qualify as a 'yes.'	1 Yes 0 No		
184	[race_v2_v3]  Show the field ONLY if: [race_reported_v2_v3] = '1'	Racial Category # of Participants American Indian or Alaska Native {race_indiginous_v2_v3} Asian {race_asian_v2_v3} Black or African American {race_black_v2_v3} Native Hawaiian or Other Pacific Islander {race_pacific_v2_v3} White {race_white_v2_v3} Other {race_other_v2_v3} More than one race {race_multi_v2_v3} Participant declined to report {race_na_v2_v3}	descriptive		
185	[race_indiginous_v2_v3]		text (integer)		
186	[race_asian_v2_v3]		text (integer)		
187	[race_black_v2_v3]		text (integer)		
188	[race_pacific_v2_v3]		text (integer)		
189	[race_white_v2_v3]		text (integer)		
190	[race_other_v2_v3]		text (integer)		
191	[race_multi_v2_v3]		text (integer)		
192	[race_na_v2_v3]		text (integer)		
193	[race_other_examples_v2_v3] Show the field ONLY if: [race_other_v2_v3] <> "" and [race_other_v2_v3] <> '0'	What other racial categories are provided?	notes		
194	[ethnicity_reported_v2_v3]	Is ethnicity reported for participants, separately from racial categories? Only select 'yes' if the manuscript offers Hispanic/Latino categories as distinct from racial categories, or if the authors provide a clear and distinct definition for ethnicity.	yesno 1 Yes 0 No		
195	[ethnicity_v2_v3] Show the field ONLY if: [ethnicity_reported_v2_v3] = '1'	Ethnic Categories # of Participants Reported Hispanic or Latino/a/x {ethnicity_hispanic_v2_v3} Not Hispanic or Latino/a/x {ethnicity_nothispanic_v2_v3} Other {ethnicity_other_v2_v3} Participant declined to report {ethnicity_na_v2_v3}	descriptive		
196	[ethnicity_hispanic_v2_v3]		text (integer)		
197	<pre>[ethnicity_nothispanic_v2_v 3]</pre>		text (integer)		
198	[ethnicity_other_v2_v3]		text (integer)		
199	[ethnicity_na_v2_v3]		text (integer)		
200	<pre>[ethnicity_other_examples_v 2_v3] Show the field ONLY if:</pre>	What other ethnic categories are provided?	notes		
	[ethnicity_other_v2_v3] <> "" and [ethnicity_other_v2_v3] < > '0'				

201	[raceethnicity_conflate_v2_	Are race and ethnicity clearly presented as distinct concepts?	radio		
	v3] Show the field ONLY if:		1 Yes, there is a clear distinction between the concepts of "race" and "ethnicity"		
	[race_reported_v2_v3] = '1' or [ethnicity_reported_v2_v3] = '1'		0 No, "race" and "ethnicity" are not clearly distinct		
202	<pre>[raceethnicity_details_v2_v 3]</pre>	Provide a brief summary about how race and ethnicity are not clearly distinct.	notes		
	Show the field ONLY if: [raceethnicity_conflate_v2_v3] = '0'				
203	[ses_v2_v3]	Are any measures of socioeconomic status (SES) reported? Can include education, income, qualification for school/government aid programs, or employment information for participants or parents.	yesno 1 Yes 0 No		
204	[ses_descr_v2_v3] Show the field ONLY if: [ses_v2_v3] = '1'	What measures of SES are reported?	notes		
205	[nonenglish_v2_v3]	Were participants excluded if they (and/or their parents): are bilingual or non-English speakers, and/or have a dialect other than "standard American English"	radio  1 Yes, participants WERE excluded in this way  2 No, participants were NOT excluded in this way		
206	[language_v2_v3]	Is primary language information reported?Can include language of origin, primary language at home, mono- vs. multi-lingual status, or inclusion/exclusion criteria.	yesno 1 Yes 0 No		
207	[language_descr_v2_v3]	What type(s) of primary language information is reported?	notes		
	Show the field ONLY if: [language_v2_v3] = '1'				
208	<pre>[recruitment_dateyn_v2_v3]</pre>	Is a start date (or earliest date) for recruitment of participants reported in this study?	yesno 1 Yes 0 No		
209	<pre>[recruitment_date_v2_v3] Show the field ONLY if: [recruitment_dateyn_v2_v3] = '1'</pre>	What is the earliest date provided for recruitment? (provide max info available Month-Day-Year, or Month-Year, or just Year)	text		
210	[recruitment_v2_v3]	Are recruitment strategies reported? Make special note of strategies to recruit diverse/representative participants.	yesno 1 Yes 0 No		
211	<pre>[recruitment_strategies_v2_ v3] Show the field ONLY if:</pre>	What recruitment strategies are reported?	notes		
212	[recruitment_v2_v3] = 1	Are retention strategies reported?	Vector		
212	[retention_v2_v3]	Are retention strategies reported?	yesno 1		
213	[retention_strategies_v2_v 3] Show the field ONLY if: [retention_v2_v3] = '1'	What retention strategies are reported? Make special note of any considerations to retain diverse/representative participants.	notes		
214	<pre>[participant_limitations_v2 _v3]</pre>	Other limitations or concerns regarding the participant sample in this study?	notes		
215	[sex_analysis_v2_v3]	Section Header: <i>Analyses</i> Is sex or gender considered in the study's statistical and/or qualitative analyses? (e.g., between-group differences by gender)	yesno 1 Yes 0 No		

216	<pre>[race_analysis_v2_v3]</pre>	Is race or ethnicity considered in the study's statistical and/or qualitative analyses? (e.g., between-group differences among racial groups)	yesno 1 Yes 0 No				
217	[sex_discuss_v2_v3]	Section Header: Discussion  Is sex or gender mentioned in the study's discussion section?  Select 'yes' if sex/gender is mentioned anywhere in the discussion section, including as a limitation or suggestion for future study.	yesno 1 Yes 0 No				
218	[race_discuss_v2_v3]	Is race or ethnicity mentioned in the study's discussion section? Select 'yes' if race/ethnicity is mentioned anywhere in the discussion section, including as a limitation or suggestion for future study.	1	<del>                                    </del>			
219	[funding_v2_v3]	Section Header: Acknowledgements & Comments	checkbox				
		What funding sources are reported? This information is typically located in the "Acknowledgements" section just before references. (choose all that apply)	1	func	ding_v2_v31	NIH (National Institutes of Health, includes NIH sub- agencies NIDCD, NCATS, NIMH, NICHD, NINDS, Institute on Aging)	
			2	func	ding_v2_v32	IES (Institute of Education Sciences)	
			3	func	ding_v2_v33	DOE (Dept. of Education)	
			4	func	ding_v2_v34	NSF (National Science Foundation)	
			5	func	ding_v2_v35	ASHA (American Speech- Language-Hearing Association)	
			6	func	ding_v2_v36	ASHFoundation	
			7	func	ding_v2_v37	other internal (university or other institutional) funding	
			8	func	ding_v2_v38	funding from a private corporation	
			9	func	ding_v2_v39	funding from another non-profit organization	
					ding_v2_v310	reported	
			11	func	ding_v2_v311	other funding source(s)	
220	[funding_other_v2_v3]	What other funding sources are reported?	notes				
	Show the field ONLY if: [funding_v2_v3(11)] = '1'						
221	[comments_v2_v3]	Other comments about diversity and representation in this study?	notes				
222	[resolved_v3]	SELECTING 'YES' HERE AND MARKING 'COMPLETE' BELOW CONFIRMS THAT ALL DISCREPANCIES HAVE BEEN RESOLVED.	yesno, Required  1 Yes  0 No				
223	[discrepancy_resolution_if_	Section Header: Form Status	dro	pdowr	n		
	needed_complete]	Complete?			nplete		
			1	Unve	rified		
			$\parallel$	Comp			
Instr	ument: Final entry to use	for data (final_entry_to_use_for_data)	<u>,</u>		<del></del>		
224	[entry_explainer]	This instrument is for senior project managers to flag which coded entry gets used in final data (primary, secondary, or consensus code). It's a backdoor item meant to make coding easier for Ryan M. later on. Please DO NOT SELECT ANYTHING or MAKE ANY CHANGES to this page unless you have explicitly been directed to do so by Ryan or another senior project manager. Thank you!	des	criptiv	re		

225	[entry_final]	Which entry to use for final data?	1 p	o, Required primary code secondary code consensus code	
226	[entry_notes]	Additional comments	notes		
227	<pre>[final_entry_to_use_for_dat a_complete]</pre>	Section Header: Form Status  Complete?	0 I	odown Incomplete Unverified Complete	