

Appendix

A. Sampled Recordings (Providence Corpus, CHILDES; Demuth et al., 2006)

Age sample	Alex	Naima	Lily	William	Violet
1	8 (1;8.11): 2	25 (1;8.01): 1, 2	15 (1;7.21): 2	9 (1;8.26): 1, 2	14 (1;8.22): 1, 2
	9 (1;8.25): 1, 2	26 (1;8.08): 2	16 (1;8.03): 1, 2	10 (1;9.12): 2	15 (1;9.07): 2
	10 (1;9.08): 2		17 (1;8.14): 1, 2		16 (1;9.25): 1
					17 (1;10.12): 1
2	16 (1;11.29): 2	43 (2;0.19): 1, 2	27 (2;0.25): 1, 2	15 (2;0.12): 1, 2	21 (2;0.13): 2
	17 (2;0.12): 1, 2		28 (2;1.01): 2	16 (2;0.24): 1, 2	22 (2;0.27): 1, 2
	18 (2;1.02): 2			17 (2;1.06): 2	
3	26 (2;4.25): 2	54 (2;4.11): 2	38 (2;4.02): 1, 2	23 (2;4.01): 1, 2	31 (2;5.01): 1, 2
	27 (2;5.09): 1, 2	55 (2;4.16): 1, 2	39 (2;4.09): 2	24 (2;4.14): 2	32 (2;5.15): 2
4	32 (2;7.24): 2	67 (2;8.11): 2	55 (2;8.13): 2	32 (2;8.08): 1, 2	38 (2;8.07): 1, 2
	33 (2;8.10): 1, 2	68 (2;8.20): 1, 2	56 (2;8.20): 1, 2		39 (2;8.19): 1, 2
	34 (2;8.16): 2				
5	43 (3;1.03): 1, 2	77 (2;11.25): 1	67 (3;0.10): 2	38 (3;0.24): 1, 2	44 (2;11.28): 2
		78 (3;0.00): 1, 2	68 (3;0.27): 1, 2		45 (3;1.19): 1, 2
6	49 (3;3.27): 2	80 (3;2.21): 2	73 (3;4.22): 1, 2	42 (3;3.05): 1, 2	47 (3;4.00): 1, 2
	50 (3;4.10): 1, 2	81 (3;3.26): 1, 2			48 (3;4.24): 1, 2

Each cell shows the files sampled for each age point in Studies 1 and 2. The files are listed in the following format: file number (age during recording), studies sampling that file, and study number.

B. Coding: Examples

Category: the type of coding used

Code: labels for the codes

More information: information used to apply the code

Category	Code	More information
Overall complexity	number of syllables/morphemes	Syllable/morpheme count for the utterance, assuming no reductions or contractions, and counting all overt bound and unbound morphemes.
Question type	who(se)/what/where/ when/why/how/how many/how much/how old/which/yes-no/X-or-Y	Syntactically and prosodically defined question categories, using any overt lexical cues available.
Question type	how about/what about	Treated as <i>yes-no</i> questions unless they were positioned in a sequence of <i>wh</i> -questions (e.g., <i>What's that? What's that? How about that one?</i>)
Three-way question type	wh-/yes-no/X-or-Y	Question type categories from above, collapsed into three broader categories.
Answer type	yn/yn+/yn++	Answers to syntactically or prosodically-defined <i>yes-no</i> questions. We coded three complexity levels: simple phrase, minimal/non-sentential phrase, more than minimal/fully inflected phrase, more than minimal; see Table 2 for examples.
Answer type	wh/wh+/wh++	Answers to syntactically-defined <i>wh</i> -questions. We coded three complexity levels: simple phrase, minimal/non-sentential phrase, more than minimal/fully inflected phrase, more than minimal; see Table 2 for examples.
Information status	all new/some new/nothing new	Given the immediately prior discourse context (read or listened to), we determined whether the answer added anything new to the discourse, in part or in whole.
Routine familiarity	part of a regular routine/not	We coded whether or not the answer was part of a routine that appeared across many recordings, e.g., identifying family members in a photo album, reciting state names, or locating characters in a favorite book.
Prior turn repetition	immediate repeat/no repeat	We coded whether or not the response was simply a repetition of the question.
Recent mention	recent mention by parent/recent mention by	We coded whether or not material in the answer (excluding <i>I</i> and <i>you</i>) was used in the three utterances immediately

Turn taking, timing, and planning

	child/no recent mention	preceding it. The overlap only needed to be a minimum of one word (e.g., <i>You want to go outside?—I wanna swing.</i>) to count as a recent mention.
Information-seeking status	information-seeking/not	This code was only completed for A-asks-C questions. It differentiated between questions where adults were unlikely to know the answer (i.e., ‘true’ questions like <i>What do you think about her hair?</i>) and questions where they probably already knew the answer (usually ‘test’ questions like <i>Which one’s the biggest one?</i>)
Confirmation status	confirming/ disconfirming	This code was only relevant for invitation and offer <i>yes/no</i> questions. It designated whether or not the answer was an acceptance or not.