**Appendix**

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

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

1. **Coding: Examples**

*Category:* the type of coding used

*Code:* labels for the codes

*More information:* information used to apply the code

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| --- | --- | --- |
| **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 *yes-no* questions unless they were positioned in a sequence of *wh-*questions (e.g., *What’s that? What’s that? How about that one?*) |
| 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 *yes-no* 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 *wh-*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 child/no recent mention | We coded whether or not material in the answer (excluding *I* and *you*) was used in the three utterances immediately preceding it. The overlap only needed to be a minimum of one word (e.g., *You want to go outside?—I wanna swing.*) 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 *What do you think about her hair?*) and questions where they probably already knew the answer (usually ‘test’ questions like *Which one’s the biggest one?*) |
| Confirmation status | confirming/ disconfirming | This code was only relevant for invitation and offer *yes/no* questions. It designated whether or not the answer was an acceptance or not. |