## Supplemental Material S1. Core Lexicon checklists for Good Dog, Carl and Picnic developed by frequency and percentage criteria.

Core lexicon checklists developed by frequency criterion for Good Dog, Carl (nouns)

|  | 20s | 30s | 40s | 50 s | 60s | 70s | 80s |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | baby | baby | baby | baby | baby | baby | baby |
| 2 | dog | Carl | Carl | Carl | dog | dog | dog |
| 3 | Carl | dog | dog | dog | Carl | Carl | Carl |
| 4 | mother | crib | crib | bed | bed | back | back |
| 5 | mom | mom | back | mother | back | crib | bed |
| 6 | crib | bed | bed | crib | crib | bed | boy |
| 7 | bed | back | mom | back | mother | mother | mother |
| 8 | back | laundry | laundry | mom | mom | laundry | crib |
| 9 | room | room | mother | laundry | laundry | window | window |
| 10 | laundry | mother | milk | milk | chute | milk | laundry |
| 11 | mess | milk | room | room | milk | powder | bread |
| 12 | chute | time | chute | window | mess | floor | milk |
| 13 | milk | mess | window | mess | powder | chute | powder |
| 14 | bread | window | mess | chute | window | bread | floor |
| 15 | home | bread | bread | cookie | time | boy | butter |
| 16 | window | cookie | chocolate | time | bread | mess | chute |
| 17 | time | chute | time | bread | floor | mom | chocolate |
| 18 | child | home | cookie | powder | butter | kitchen | puff |
| 19 | butter | butter | floor | kitchen | cookie | cookie | child |
| 20 | cookie | kitchen | kitchen | floor | chocolate | butter | cookie |
| 21 | bath | house | soap | butter | aquarium | chocolate | fish |
| 22 | kitchen | chocolate | butter | chocolate | home | thing | head |
| 23 | grape | grape | home | home | room | time | time |
| 24 | fishtank | bath | grape | grape | soap | aquarium | room |
| 25 | soap | floor | fishtank | fish | thing | puff | thing |

Core lexicon checklists developed by frequency criterion for Good Dog, Carl (verbs)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | go | go | go | go | go | go | go |
| 2 | get | get | get | get | get | get | get |
| 3 | put | put | put | look | look | look | look |
| 4 | look | take | look | put | put | put | put |
| 5 | take | make | have | take | take | have | take |
| 6 | come | run | take | have | have | take | have |
| 7 | have | have | come | clean | come | come | come |
| 8 | play | come | play | come | run | see | play |
| 9 | make | decide | run | play | play | clean | see |
| 10 | run | play | make | see | make | say | do |
| 11 | see | see | see | make | decide | do | say |
| 12 | decide | watch | let | ride | say | know | clean |
| 13 | leave | clean | know | say | see | turn | know |
| 14 | say | leave | say | decide | ride | find | watch |
| 15 | clean | dance | clean | run | do | sit | find |
| 16 | eat | jump | watch | turn | find | make | straighten |
| 17 | let | turn | ride | dry | watch | climb | make |
| 18 | turn | ride | decide | let | know | watch | ride |
| 19 | dry | let | leave | leave | climb | play | wash |
| 20 | do | dry | do | watch | clean | decide | give |
| 21 | know | say | open | know | let | dance | open |
| 22 | watch | know | climb | eat | dance | let | let |
| 23 | find | eat | find | swim | sit | dry | climb |
| 24 | ride | wash | lay | give | swim | eat | guess |
| 25 | dance | find | jump | climb | eat | open | run |

Core lexicon checklists developed by frequency criterion for Good Dog, Carl (adjectives)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | good | little | little | little | little | good | little |
| 2 | little | good | good | good | good | little | good |
| 3 | back | clean | hungry | big | clean | big | big |
| 4 | hungry | back | back | hungry | big | next | next |
| 5 | big | hungry | big | sure | dry | dirty | happy |
| 6 | messy | big | clean | messy | hungry | open | dirty |
| 7 | open | open | dry | open | open | nice | nice |
| 8 | sure | great | messy | next | happy | hungry | great |
| 9 | own | sure | great | fun | great | first | open |
| 10 | left | nice | sure | dirty | next | old | old |
| 11 | dirty | happy | dirty | right | dirty | sure | messy |
| 12 | happy | ready | happy | left | left | wonderful | smart |
| 13 | nice | messy | nice | ready | nice | happy | sure |
| 14 | huge | dirty | fun | smart | old | great | right |
| 15 | next | tired | old | own | sure | same | ready |
| 16 | right | left | next | great | first | messy | wonderful |
| 17 | able | next | ready | happy | messy | right | left |
| 18 | hot | smart | right | pretty | pretty | pretty | small |
| 19 | dangerous | first | first | nice | smart | cute | wet |
| 20 | first | right | safe | whole | soft | tired | able |
| 21 | great | whole | whole | wonderful | tired | whole | whole |
| 22 | long | awesome | wonderful | close | able | close | close |
| 23 | ready | huge | bad | excited | close | smart | first |
| 24 | young | old | full | fine | full | innocent | pretty |
| 25 | early | pretty | gentle | first | whole | own | different |

## Supplemental material, Kim et al., "Quality of Measurement in Core Lexicon Measures," JSLHR, https://doi.org/10.1044/2022_JSLHR-20-00722

Core lexicon checklists developed by frequency criterion for Good Dog, Carl (adverbs)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | then | then | then | then | then | then | then |
| 2 | back | back | back | back | back | back | back |
| 3 | there | all | there | there | there | there | there |
| 4 | just | there | up | up | all | all | all |
| 5 | all | up | all | all | up | just | up |
| 6 | where | upstairs | just | just | just | now | just |
| 7 | upstairs | now | now | now | now | out | now |
| 8 | up | away | upstairs | upstairs | out | up | out |
| 9 | out | where | out | out | upstairs | again | where |
| 10 | down | out | very | where | where | upstairs | on |
| 11 | away | just | where | on | very | where | down |
| 12 | next | so | away | here | in | over | again |
| 13 | very | next | down | in | so | very | here |
| 14 | in | on | in | so | down | off | very |
| 15 | now | down | on | away | probably | here | upstairs |
| 16 | again | off | around | down | over | on | in |
| 17 | also | very | here | next | shortly | in | so |
| 18 | around | in | over | shortly | off | shortly | apparent |
| 19 | so | shortly | off | very | again | so | off |
| 20 | shortly | sure | next | again | away | down | over |
| 21 | on | again | again | how | on | next | how |
| 22 | more | over | right | off | around | away | shortly |
| 23 | how | really | apparently | yet | also | yet | around |
| 24 | once | around | shortly | over | here | how | really |
| 25 | as | soon | together | sure | soon | apparently | away |

## Supplemental material, Kim et al., "Quality of Measurement in Core Lexicon Measures," JSLHR, https://doi.org/10.1044/2022_JSLHR-20-00722

Core lexicon checklists developed by frequency criterion for Good Dog, Carl (function words)

|  | Age-invariant |
| :--- | :--- |
| 1 | a |
| 2 | and |
| 3 | be |
| 4 | for |
| 5 | have |
| 6 | he |
| 7 | her |
| 8 | him |
| 9 | his |
| 10 | l |
| 11 | in |
| 12 | into |
| 13 | it |
| 14 | look |
| 15 | of |
| 16 | on |
| 17 | she |
| 18 | so |
| 19 | some |
| 20 | that |
| 21 | the |
| 22 | they |
| 23 | to |
| 24 | up |
| 25 | with |
|  |  |

Core lexicon checklists developed by frequency criterion for Picnic (nouns)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | mouse | mouse | mouse | mouse | mouse | mouse | mouse |
| 2 | family | picnic | picnic | picnic | picnic | picnic | picnic |
| 3 | picnic | family | truck | truck | truck | truck | truck |
| 4 | truck | truck | family | family | family | road | road |
| 5 | baby | road | road | road | road | baby | baby |
| 6 | road | baby | baby | baby | baby | family | family |
| 7 | back | back | back | back | time | time | flower |
| 8 | time | child | time | kid | flower | flower | toy |
| 9 | child | time | berry | child | back | doll | time |
| 10 | animal | girl | flower | grandpa | mom | back | back |
| 11 | kid | kid | rat | mom | doll | toy | mother |
| 12 | berry | berry | child | flower | kid | berry | food |
| 13 | flower | flower | animal | raspberry | berry | child | basket |
| 14 | girl | animal | rock | time | dad | kid | picture |
| 15 | mom | doll | food | animal | toy | basket | thing |
| 16 | rest | raspberry | blanket | berry | grandpa | water | baseball |
| 17 | grass | grass | bush | toy | child | grandpa | water |
| 18 | day | food | doll | dad | raspberry | bush | berry |
| 19 | rock | baseball | kid | doll | food | tree | rock |
| 20 | raspberry | rock | day | blanket | brother | thing | place |
| 21 | dad | water | lake | grass | water | rock | watermelon |
| 22 | food | toy | grass | food | baseball | rest | doll |
| 23 | baseball | lunch | toy | grandma | bush | place | home |
| 24 | way | mom | lunch | day | blanket | middle | banjo |
| 25 | lake | bush | area | way | area | girl | child |

## Supplemental material, Kim et al., "Quality of Measurement in Core Lexicon Measures," JSLHR, https://doi.org/10.1044/2022_JSLHR-20-00722

Core lexicon checklists developed by frequency criterion for Picnic (verbs)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | go | go | go | go | go | go | go |
| 2 | get | get | look | look | look | look | have |
| 3 | have | see | get | get | have | have | look |
| 4 | look | have | have | have | get | get | get |
| 5 | start | find | play | play | play | play | play |
| 6 | eat | look | eat | eat | find | eat | eat |
| 7 | find | eat | find | see | eat | seem | come |
| 8 | play | start | start | find | start | find | see |
| 9 | see | realize | see | start | see | sit | find |
| 10 | decide | decide | realize | come | sit | come | sit |
| 11 | come | begin | come | sit | come | start | know |
| 12 | call | come | sit | call | do | take | take |
| 13 | know | run | know | do | take | pick | start |
| 14 | notice | hear | run | decide | know | know | pick |
| 15 | pick | know | call | pick | decide | do | cry |
| 16 | do | fall | cry | realize | cry | cry | decide |
| 17 | begin | take | do | know | pick | decide | think |
| 18 | drive | do | take | take | run | lay | do |
| 19 | cry | pick | drive | run | fall | run | guess |
| 20 | run | continue | fall | cry | realize | call | hug |
| 21 | take | sit | decide | drive | drive | realize | lay |
| 22 | hear | give | pick | think | lay | fall | fall |
| 23 | hug | hit | lay | notice | call | think | jump |
| 24 | fall | forget | begin | hear | swim | swim | swim |
| 25 | sit | hug | notice | continue | jump | hear | put |

Core lexicon checklists developed by frequency criterion for Picnic (adjectives)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | little | little | little | little | little | little | little |
| 2 | stuffed | stuffed | stuffed | stuffed | happy | good | lost |
| 3 | happy | missing | missing | happy | good | happy | big |
| 4 | missing | happy | red | missing | lost | big | good |
| 5 | lost | pink | pink | big | pink | lost | happy |
| 6 | red | sad | happy | pink | big | missing | ready |
| 7 | sad | good | lost | good | missing | pink | red |
| 8 | pink | big | good | sad | stuffed | red | missing |
| 9 | good | lost | big | lost | red | stuffed | pink |
| 10 | big | hungry | sad | hungry | sad | nice | poor |
| 11 | hungry | ready | hungry | ready | hungry | sad | sad |
| 12 | left | bumpy | small | whole | whole | ready | old |
| 13 | bumpy | whole | left | full | great | old | bumpy |
| 14 | ready | great | ready | bumpy | ready | poor | great |
| 15 | excited | left | old | left | poor | great | nice |
| 16 | small | excited | beautiful | beautiful | beautiful | hungry | wonderful |
| 17 | scared | scared | scared | wonderful | nice | bumpy | beautiful |
| 18 | old | old | nice | poor | old | whole | whole |
| 19 | same | own | whole | old | young | left | hungry |
| 20 | beautiful | young | young | great | bumpy | full | stuffed |
| 21 | own | small | great | small | left | young | glad |
| 22 | whole | beautiful | excite | nice | full | beautiful | pretty |
| 23 | glad | high | bumpy | tall | tall | small | next |
| 24 | long | nearby | poor | lonely | wonderful | wonderful | full |
| 25 | nice | nice | full | scared | aware | glad | small |

Core lexicon checklists developed by frequency criterion for Picnic (adverbs)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | all | back | all | all | all | all | there |
| 2 | back | all | back | back | there | there | all |
| 3 | there | there | there | there | back | back | then |
| 4 | then | then | then | then | just | out | back |
| 5 | just | out | just | where | so | then | out |
| 6 | meanwhile | where | where | out | then | now | just |
| 7 | out | up | out | meanwhile | out | where | where |
| 8 | where | meanwhile | very | just | very | up | still |
| 9 | very | just | up | so | where | so | so |
| 10 | still | so | still | very | up | still | up |
| 11 | so | still | so | up | around | very | here |
| 12 | up | around | around | around | still | just | now |
| 13 | around | very | here | still | meanwhile | around | around |
| 14 | finally | now | now | now | maybe | here | very |
| 15 | together | together | together | here | now | meanwhile | on |
| 16 | alone | here | again | together | here | again | meanwhile |
| 17 | now | finally | finally | finally | together | maybe | down |
| 18 | really | behind | alone | maybe | finally | suddenly | even |
| 19 | off | alone | behind | behind | even | off | maybe |
| 20 | maybe | down | off | down | down | down | off |
| 21 | again | again | suddenly | really | really | meantime | again |
| 22 | behind | once | away | even | off | finally | apparently |
| 23 | even | even | down | again | again | even | along |
| 24 | here | really | on | off | on | together | away |
| 25 | away | on | probably | alone | probably | on | ever |

## Supplemental material, Kim et al., "Quality of Measurement in Core Lexicon Measures," JSLHR, https://doi.org/10.1044/2022_JSLHR-20-00722

## Core lexicon checklists developed by frequency criterion for Picnic (function words)

|  | Age-invariant |
| :--- | :--- |
| 1 | a |
| 2 | all |
| 3 | and |
| 4 | be |
| 5 | for |
| 6 | he |
| 7 | her |
| 8 | him |
| 9 | his |
| 10 | in |
| 11 | it |
| 12 | look |
| 13 | of |
| 14 | on |
| 15 | one |
| 16 | she |
| 17 | so |
| 18 | some |
| 19 | that |
| 20 | the |
| 21 | their |
| 22 | them |
| 23 | they |
| 24 | to |
| 25 | with |

Core lexicon checklists developed by percentage criterion for Good Dog, Carl (nouns)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | laundry | bed | bed | bed | bed | baby | back |
| 2 | baby | Carl | dog | dog | Carl | Carl | bread |
| 3 | bed | baby | Carl | Carl | laundry | bed | dog |
| 4 | Carl | dog | baby | laundry | dog | dog | Carl |
| 5 | dog | laundry | laundry | baby | baby | laundry | laundry |
| 6 | crib | crib | grape | chute | back | back | baby |
| 7 | grape | grape | crib | grape | chute | grape | bed |
| 8 | bread | cookie | back | cookie | grape | bread | grape |
| 9 | mess | butter | chute | milk | bread | crib | butter |
| 10 | milk | bread | cookie | bread | milk | window | window |
| 11 | butter | mess | milk | mess | butter | mess | mother |
| 12 | room | milk | mess | butter | crib | chute | chute |
| 13 | chute | room | bread | back | cookie | milk | crib |
| 14 | cookie | chocolate | butter | crib | floor | butter | milk |
| 15 | back | back | chocolate | window | mess | cookie | powder |
| 16 | bath | chute | window | room | window | floor | floor |
| 17 | music | window | room | chocolate | basement | powder | cookie |
| 18 | window | bath | soap | mother | kitchen | chocolate | head |
| 19 | chocolate | refrigerator | time | music | soap | kitchen | fish |
| 20 | soap | time | kitchen | basement | chocolate | jar | jar |
| 21 | mom | soap | refrigerator | bath | powder | mother | syrup |
| 22 | mother | syrup | house | syrup | refrigerator | room | chocolate |
| 23 | fishtank | house | music | kitchen | syrup | syrup | room |
| 24 | kitchen | mom | syrup | time | time | music | kitchen |
| 25 | stair | kitchen | basement | fish | aquarium | head | mess |
| 26 | syrup | stair | bath | powder | music | puff | basement |
| 27 | basement | floor | floor | floor | room | aquarium | puff |
| 28 | house | play | stair | refrigerator | mother | dresser | soap |
| 29 | time | basement | fishtank | aquarium | dresser | refrigerator | thing |
| 30 | play | mother | mom | jar | bath | soap | water |
| 31 |  | fishtank | powder | soap | stair | basement | time |
| 32 |  | bedroom | jewelry | house | bedroom | bedroom | bedroom |

Supplemental material, Kim et al., "Quality of Measurement in Core Lexicon Measures," JSLHR, https://doi.org/10.1044/2022_JSLHR-20-00722

| 33 | music | bedroom | stair | thing | thing |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 34 |  | mom | jar | time | music |
| 35 |  | ride | puff | stair | loaf |
| 36 |  | water | water | water | top |
| 37 |  |  | thing | house |  |

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Core lexicon checklists developed by percentage criterion for Good Dog, Carl (verbs)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | get | clean | go | go | go | go | go |
| 2 | clean | make | get | get | look | put | put |
| 3 | go | get | put | put | take | look | look |
| 4 | take | go | look | look | have | take | take |
| 5 | put | put | clean | clean | put | come | come |
| 6 | look | run | have | take | come | get | get |
| 7 | make | look | take | come | dry | clean | have |
| 8 | come | see | make | have | clean | see | say |
| 9 | see | come | see | make | get | have | see |
| 10 | run | have | come | run | run | dry | run |
| 11 | leave | leave | run | say | make | say | open |
| 12 | say | take | leave | turn | see | run | clean |
| 13 | dry | dry | say | dry | say | make | do |
| 14 | have | decide | turn | play | climb | open | make |
| 15 | decide | say | watch | leave | open | turn | dry |
| 16 | eat | watch | decide |  | decide | climb | know |
| 17 | play | play | climb |  | turn | find | turn |
| 18 | jump | turn | jump |  | find | leave | climb |
| 19 | turn | push |  |  |  |  |  |
| 20 | watch |  |  |  |  |  |  |

## Supplemental material, Kim et al., "Quality of Measurement in Core Lexicon Measures," JSLHR, https://doi.org/10.1044/2022_JSLHR-20-00722

Core lexicon checklists developed by percentage criterion for Good Dog, Carl (adjectives)

|  | $20 s$ | $30 s$ | $40 s$ | 50 s | 60s | 70s | 80s |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | good | good | good | good | good | good | good |
| 2 | little | back | little | little | back | back | little |
| 3 | back | little | hungry | back | little | little | back |
| 4 |  | hungry | back |  |  |  |  |

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Core lexicon checklists developed by percentage criterion for Good Dog, Carl (adverbs)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | then | back | up | up | back | back | up |
| 2 | up | up | then | back | out | up | then |
| 3 | out | then | back | out | up | then | out |
| 4 | down | out | down | then | then | out | back |
| 5 | upstairs | over | upstairs | down | down | over | down |
| 6 | just | upstairs | all | on | over | on | on |
| 7 | in | down | over | over | upstairs | off | there |
| 8 | on | away | on | upstairs | off | down | off |
| 9 | so | on | in | off | on | all | over |
| 10 | off | all | off | all | all | there | all |
| 11 | over | off | just | in | there | so | in |
| 12 | all |  |  | shortly | in | upstairs | so |
| 13 |  |  |  | there | so | in | upstairs |
| 14 |  |  |  |  | just |  | just |
| 15 |  |  |  |  | shortly |  |  |

## Supplemental material, Kim et al., "Quality of Measurement in Core Lexicon Measures," JSLHR, https://doi.org/10.1044/2022_JSLHR-20-00722

Core lexicon checklists developed by percentage criterion for Good Dog, Carl (function words)

|  | Age-invariant |
| :--- | :--- |
| 1 | and |
| 2 | the |
| 3 | in |
| 4 | on |
| 5 | and |
| 6 | be |
| 7 | to |
| 8 | they |
| 9 | of |
| 10 | he |
| 11 | with |
| 12 | up |
| 13 | into |
| 14 | some |
| 15 | for |
| 16 | she |
| 17 | down |
| 18 | so |
| 19 | out |
| 20 | him |
| 21 | at |
| 22 | l |
| 23 | after |
| 24 | not |
| 25 | all |
| 26 | by |
| 27 | over |

## Supplemental material, Kim et al., "Quality of Measurement in Core Lexicon Measures," JSLHR, https://doi.org/10.1044/2022_JSLHR-20-00722

Core lexicon checklists developed by percentage criterion for Picnic (nouns)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | picnic | picnic | picnic | picnic | picnic | picnic | picnic |
| 2 | truck | truck | truck | truck | truck | truck | truck |
| 3 | mouse | family | road | family | family | road | mouse |
| 4 | family | mouse | mouse | mouse | mouse | mouse | road |
| 5 | road | road | family | road | road | family | time |
| 6 | time | time | back | back | time | flower | family |
| 7 | baseball | baseball | rock | baseball | flower | time | flower |
| 8 | flower | flower | time | time | baseball | picture | baseball |
| 9 | child | rock | flower | baby | baby | back | basket |
| 10 | play |  | baseball | flower | picture | basket | picture |
| 11 | back |  | bush | blanket | rock | rock | toy |
| 12 |  |  |  | child |  | bush | watermelon |
| 13 |  |  |  | grass |  | toy | food |
| 14 |  |  |  | rock |  | tree | back |
| 15 |  |  |  | basket |  |  | water |
| 16 |  |  |  | play |  |  | rock |
| 17 |  |  |  |  |  |  | baby |

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Core lexicon checklists developed by percentage criterion for Picnic (verbs)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | go | look | get | get | go | go | go |
| 2 | eat | see | go | have | get | get | get |
| 3 | find | go | find | find | find | have | see |
| 4 | get | find | look | go | have | look | find |
| 5 | have | eat | start | look | see | see | look |
| 6 | see | realize | have | see | look | find | come |
| 7 | start | start | realize | eat | start | eat | eat |
| 8 | fall | have | see | start | fall | fall | fall |
| 9 | hear | fall | eat | fall | decide | come | know |
| 10 | realize | get | fall | realize | eat | start | start |
| 11 | decide | decide | come | decide | come | decide | pick |
| 12 | look | come | decide | do | realize | hear | decide |
| 13 | come | hear | hear | come | hear | know |  |
| 14 | run | leave | run | hear | do | realize |  |
| 15 |  | run | hit | run | pick | think |  |
| 16 |  |  |  | hit |  | do |  |
| 17 |  |  |  |  |  | hit |  |

## Supplemental material, Kim et al., "Quality of Measurement in Core Lexicon Measures," JSLHR, https://doi.org/10.1044/2022_JSLHR-20-00722

Core lexicon checklists developed by percentage criterion for Picnic (adjectives)

|  | 20s | 30s | 40 s | 50s | 60s | 70s | 80s |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | little | little | little | little | little | little | little |
| 2 | happy | happy | happy | happy | happy | happy |  |
| 3 | sad | sad | ready | ready | good | ready |  |
| 4 |  |  |  |  | big | good |  |
| 5 |  |  |  | haod |  | good | ready |

## Supplemental material, Kim et al., "Quality of Measurement in Core Lexicon Measures," JSLHR, https://doi.org/10.1044/2022_JSLHR-20-00722

Core lexicon checklists developed by percentage criterion for Picnic (adverbs)

|  | 20s | 30s | 40s | 50s | 60s | 70s | 80s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | out | back | back | back | out | back | out |
| 2 | back | up | up | out | back | up | back |
| 3 | up | around | all | up | there | all | up |
| 4 | all | then | around | all | up | there | all |
| 5 | then | all | there | around | then | then | there |
| 6 | around | so | so | so | around | so | then |
| 7 | so | just | then | then | so | around | around |
| 8 | there | there | still | there | just | down | on |
| 9 | meanwhile | still | on | meanwhile | all | still | so |
| 10 | just | meanwhile | down | down | still | on | down |
| 11 | off |  | just | just | on | just | still |
| 12 | still |  | very | on | down | now | just |
| 13 |  |  |  | still | off | off | off |
| 14 |  |  |  |  |  |  | now |

## Supplemental material, Kim et al., "Quality of Measurement in Core Lexicon Measures," JSLHR, https://doi.org/10.1044/2022_JSLHR-20-00722

Core lexicon checklists developed by percentage criterion for Picnic (function words)

|  | Age-invariant |
| :--- | :--- |
| 1 | and |
| 2 | a |
| 3 | the |
| 4 | be |
| 5 | of |
| 6 | they |
| 7 | in |
| 8 | to |
| 9 | on |
| 10 | for |
| 11 | with |
| 12 | not |
| 13 | so |
| 14 | some |
| 15 | at |
| 16 | all |
| 17 | them |
| 18 | into |
| 19 | but |
| 20 | up |
| 21 | he |
| 22 | one |
| 23 | him |
| 24 | she |
| 25 | down |
| 26 | because |
| 27 | l |

