

Lexical Morphology and Repetition: Instructions for Use

This task looks at whether repetition is affected by morphological complexity. Three sets of morphologically complex words have been selected: words with regular inflections (R), words with derivational endings (D) and irregularly inflected (I) words. Words are matched across groups for frequency and imageability of stem. For each set of morphologically complex words, there is a corresponding set of monomorphemic words which have the same final sound (eg. **tortured/ orchard**). Morphologically complex words and their phonological controls are matched for frequency of stem and for syllable length.

Morphological errors in single word repetition have been reported in which regularly inflected words are more prone to error than derived or irregularly inflected words (Miceli, G. & Caramazza, A. (1988) *Brain & Language*, 35, 24 - 65). The control words in this task allow the clinician to know whether the difficulty is morphological or phonological.

Descriptive Statistics: (for 15 control subjects)

| | | | |
|-------------------------------------|--------|--------------|------------------|
| Regularly Inflected Words | n = 15 | Mean = 13.87 | Std. Dev. = 2.77 |
| Derived Words | n = 15 | Mean = 15.00 | Std. Dev. = 0 |
| Irregularly Inflected Words | n = 15 | Mean = 14.40 | Std. Dev. = 1.84 |
| Regular Inflection Control | n = 15 | Mean = 14.40 | Std. Dev. = 1.80 |
| Derivational Control | n = 15 | Mean = 14.93 | Std. Dev. = 0.26 |
| Irregular Inflection Control | n = 15 | Mean = 14.73 | Std. Dev. = 0.80 |

Suggestions for Where to go next: If the patient has particular difficulty with the morphologically complex words, find out whether morphological errors are also made in Auditory Lexical Decision [6]. If morphological errors occur in repetition but not in lexical decision, this suggests either a semantic locus for the difficulty or an output locus. Find out whether morphological errors are made in Oral Reading [34] and Written Spelling [43].

Lexical Morphology & Repetition: Presenter's Form 1

Name: _____ Date: _____

Instructions to Subject: I am going to say a word. Please repeat it after me.**Marking Instructions:** Circle incorrect response in the appropriate column (R is regularly inflected; CR is regular control; D is derived; CD is derived control; I is irregularly inflected; CI is irregular control).

| | Target | Type | Response |
|----|----------|------|----------|
| 1 | rocks | R | |
| 2 | sand | CR | |
| 3 | grease | CI | |
| 4 | bled | I | |
| 5 | daisy | CD | |
| 6 | danger | CD | |
| 7 | sterling | CR | |
| 8 | nice | CI | |
| 9 | pardon | CD | |
| 10 | slid | I | |
| 11 | pens | R | |
| 12 | dandy | CD | |
| 13 | slimmer | D | |
| 14 | lied | R | |
| 15 | sold | I | |
| 16 | wire | CD | |
| 17 | kissed | R | |
| 18 | swam | I | |
| 19 | pheasant | CD | |
| 20 | teacher | D | |
| 21 | tortured | R | |
| 22 | bent | I | |
| 23 | fumble | CD | |
| 24 | shield | CR | |
| 25 | murder | CD | |
| 26 | crux | CR | |
| 27 | crook | CI | |
| 28 | rowdy | CD | |
| 29 | plead | CR | |
| 30 | shed | CI | |
| 31 | butter | CD | |
| 32 | pram | CI | |
| 33 | ducks | R | |
| 34 | knelt | I | |
| 35 | pays | R | |
| 36 | luck | CI | |
| 37 | camper | D | |
| 38 | smiled | R | |
| 39 | handy | D | |
| 40 | bold | CI | |
| 41 | cleaned | R | |
| 42 | lazy | D | |
| 43 | sailor | D | |
| 44 | mice | I | |
| 45 | canned | R | |

Lexical Morphology & Repetition: Presenter's Form 2

Name: _____ Date: _____

| | Target | Type | Response | |
|----|----------|------|-----------|-----|
| 46 | merger | D | | |
| 47 | lens | CR | | |
| 48 | dug | I | | |
| 49 | freed | R | | |
| 50 | hairy | D | | |
| 51 | ride | CR | | |
| 52 | hang | CI | | |
| 53 | sealed | R | | |
| 54 | simmer | CD | | |
| 55 | wrist | CR | | |
| 56 | shook | I | | |
| 57 | bees | R | | |
| 58 | mild | CR | | |
| 59 | sank | I | | |
| 60 | pose | CI | | |
| 61 | jaw | CI | | |
| 62 | cutter | D | | |
| 63 | stuck | I | | |
| 64 | curling | R | | |
| 65 | lid | CI | | |
| 66 | maze | CR | | |
| 67 | tank | CI | | |
| 68 | stranger | D | | |
| 69 | crossed | R | | |
| 70 | dent | CI | | |
| 71 | orchard | CR | | |
| 72 | harden | D | | |
| 73 | buyer | D | | |
| 74 | pleasant | D | | |
| 75 | box | CR | | |
| 76 | rug | CI | | |
| 77 | froze | I | | |
| 78 | dairy | CD | | |
| 79 | creature | CD | | |
| 80 | frost | CR | | |
| 81 | geese | I | | |
| 82 | cloudy | D | | |
| 83 | crumble | D | | |
| 84 | tailor | CD | | |
| 85 | fiend | CR | | |
| 86 | belt | CI | | |
| 87 | tamper | CD | | |
| 88 | sang | I | | |
| 89 | breeze | CR | | |
| 90 | tore | I | | |
| | R | /15 | CR | /15 |
| | D | /15 | CD | /15 |
| | I | /15 | CI | /15 |

Lexical Morphology & Repetition: Marking Form

Name: _____

Date: _____

| | | | |
|---------------|------------------------------|-----------|---------------------------------------|
| R | Regularly Inflected | CR | Unaffixed Phonological Control |
| 1 | rocks | box | |
| 2 | canned | sand | |
| 3 | curling | sterling | |
| 4 | pens | lens | |
| 5 | lied | ride | |
| 6 | smiled | mild | |
| 7 | kissed | wrist | |
| 8 | sealed | shield | |
| 9 | tortured | orchard | |
| 10 | ducks | crux | |
| 11 | pays | maze | |
| 12 | cleaned | fiend | |
| 13 | freed | plead | |
| 14 | bees | breeze | |
| 15 | crossed | frost | |
| Total Correct | | /15 | Total Correct /15 |
| D | Derivational | CD | Unaffixed Phonological Control |
| 1 | handy | dandy | |
| 2 | merger | murder | |
| 3 | stranger | danger | |
| 4 | teacher | creature | |
| 5 | crumble | fumble | |
| 6 | camper | tamper | |
| 7 | harden | pardon | |
| 8 | slimmer | simmer | |
| 9 | cloudy | rowdy | |
| 10 | pleasant | pheasant | |
| 11 | lazy | daisy | |
| 12 | hairy | dairy | |
| 13 | cutter | butter | |
| 14 | buyer | wire | |
| 15 | sailor | tailor | |
| Total Correct | | /15 | Total Correct /15 |
| I | Irregularly Inflected | CI | Unaffixed Phonological Control |
| 1 | geese | grease | |
| 2 | slid | lid | |
| 3 | mice | nice | |
| 4 | bent | dent | |
| 5 | shook | crook | |
| 6 | knelt | belt | |
| 7 | stuck | luck | |
| 8 | dug | rug | |
| 9 | sang | hang | |
| 10 | sank | tank | |
| 11 | froze | pose | |
| 12 | tore | jaw | |
| 13 | sold | bold | |
| 14 | bled | shed | |
| 15 | swam | pram | |
| Total Correct | | /15 | Total Correct /15 |