

Supplementary material for Storkel, H. L. (2015). Learning from input and memory evolution: Points of vulnerability on a pathway to mastery in word learning. International Journal of Speech-Language Pathology, 17, 1–12.

Supplementary Appendix: Pattern of correct (1) and incorrect (0) responses across eight test points for 732 observations (i.e. 61 participants \times 12 novel words) from Storkel et al. (2014)

Pattern number	Training			Retention Day 2: Test 4	Training			Retention Day 3: Test 8	Number of observations	Percentage of observations	Cumulative percentage
	Day 1: Test 1	Day 1: Test 2	Day 1: Test 3		Day 2: Test 5	Day 2: Test 6	Day 2: Test 7				
1	1	1	1	1	1	1	1	1	124	16.9	16.9
2	0	1	1	1	1	1	1	1	91	12.4	29.4
3	0	1	1	0	1	1	1	1	82	11.2	40.6
4	0	0	0	0	0	0	0	0	68	9.3	49.9
5	1	1	1	0	1	1	1	1	46	6.3	56.1
6	0	0	1	0	1	1	1	1	37	5.1	61.2
7	0	0	0	0	1	1	1	1	23	3.1	64.3
8	0	0	1	1	1	1	1	1	18	2.5	66.8
9	0	0	1	0	1	1	1	0	17	2.3	69.1
10	0	0	0	0	1	1	1	0	17	2.3	71.4
11	0	1	1	0	1	1	1	0	14	1.9	73.3
12	0	0	0	0	0	1	1	0	14	1.9	75.3
13	1	1	1	0	1	1	1	0	13	1.8	77.0
14	0	0	0	0	0	0	1	0	10	1.4	78.4
15	0	0	0	1	1	1	1	1	9	1.2	79.6
16	1	0	1	1	1	1	1	1	6	0.8	80.5
17	0	1	1	0	0	1	1	0	6	0.8	81.3
18	0	1	0	1	1	1	1	1	6	0.8	82.1
19	0	0	0	0	0	0	0	1	6	0.8	82.9
20	0	1	0	0	1	1	1	1	5	0.7	83.6
21	0	1	0	0	0	0	0	0	5	0.7	84.3
22	0	0	1	0	0	1	1	0	5	0.7	85.0
23	0	0	0	0	0	1	1	1	5	0.7	85.6
24	1	1	0	0	1	1	1	1	4	0.6	86.2
25	0	1	1	0	0	1	1	1	4	0.6	86.7
26	0	1	0	0	1	1	1	0	4	0.6	87.3
27	1	1	1	1	0	1	1	1	3	0.4	87.7
28	1	0	1	0	1	1	1	1	3	0.4	88.1
29	1	0	0	1	1	1	1	1	3	0.4	88.5
30	0	0	1	0	1	0	1	1	3	0.4	88.9
31	0	0	1	0	0	0	0	0	3	0.4	89.3
32	0	0	0	0	0	1	0	0	3	0.4	89.7
33	1	1	1	1	1	1	1	0	2	0.3	90.0
34	1	1	1	1	1	1	0	1	2	0.3	90.3
35	1	1	1	1	1	0	1	1	2	0.3	90.5
36	1	0	1	0	1	1	1	0	2	0.3	90.8
37	1	0	0	0	0	0	0	0	2	0.3	91.1
38	0	1	1	1	1	1	1	0	2	0.3	91.4
39	0	1	1	0	1	0	1	0	2	0.3	91.6
40	0	1	1	0	0	0	1	1	2	0.3	91.9
41	0	1	1	0	0	0	0	1	2	0.3	92.2
42	0	1	0	0	1	1	0	0	2	0.3	92.4
43	0	0	1	1	1	0	1	1	2	0.3	92.7
44	0	0	1	1	1	0	1	0	2	0.3	93.0
45	0	0	1	0	1	1	0	0	2	0.3	93.2
46	0	0	1	0	1	0	1	0	2	0.3	93.5
47	0	0	1	0	1	0	0	0	2	0.3	93.8
48	0	0	1	0	0	1	0	0	2	0.3	94.1
49	0	0	0	1	1	1	0	1	2	0.3	94.3
50	0	0	0	0	1	0	1	1	2	0.3	94.6
51	0	0	0	0	1	0	1	0	2	0.3	94.9
52	0	0	0	0	1	0	0	0	2	0.3	95.1
53	0	0	0	0	0	0	1	1	2	0.3	95.4
54	1	1	1	1	0	0	0	0	1	0.1	95.5
55	1	1	1	0	1	1	0	1	1	0.1	95.7
56	1	1	1	0	1	0	1	0	1	0.1	95.8
57	1	1	1	0	0	1	1	1	1	0.1	96.0

(Continued)

Supplementary Appendix (*Continued*)

Pattern number	Training			Retention Day 2: Test 4	Training			Retention Day 3: Test 8	Number of observations	Percentage of observations	Cumulative percentage
	Day 1: Test 1	Day 1: Test 2	Day 1: Test 3		Day 2: Test 5	Day 2: Test 6	Day 2: Test 7				
58	1	1	1	0	0	1	1	0	1	0.1	96.1
59	1	1	1	0	0	0	0	0	1	0.1	96.2
60	1	1	0	1	1	1	1	0	1	0.1	96.4
61	1	1	0	0	0	1	1	0	1	0.1	96.5
62	1	0	1	1	1	1	1	0	1	0.1	96.7
63	1	0	1	0	1	1	0	0	1	0.1	96.8
64	1	0	1	0	1	0	1	1	1	0.1	96.9
65	1	0	1	0	0	1	1	1	1	0.1	97.1
66	1	0	0	0	1	1	1	1	1	0.1	97.2
67	1	0	0	0	0	1	1	0	1	0.1	97.4
68	0	1	1	1	1	1	0	1	1	0.1	97.5
69	0	1	1	1	0	0	0	0	1	0.1	97.6
70	0	1	1	0	1	1	0	1	1	0.1	97.8
71	0	1	1	0	1	0	0	1	1	0.1	97.9
72	0	1	1	0	1	0	0	0	1	0.1	98.1
73	0	1	1	0	0	1	0	0	1	0.1	98.2
74	0	1	1	0	0	0	0	0	1	0.1	98.3
75	0	1	0	1	1	1	0	0	1	0.1	98.5
76	0	1	0	0	0	0	0	1	1	0.1	98.6
77	0	0	1	1	1	1	1	0	1	0.1	98.8
78	0	0	1	1	0	1	1	1	1	0.1	98.9
79	0	0	1	1	0	0	1	0	1	0.1	99.0
80	0	0	1	0	1	0	0	1	1	0.1	99.2
81	0	0	1	0	0	1	1	1	1	0.1	99.3
82	0	0	1	0	0	0	1	1	1	0.1	99.5
83	0	0	1	0	0	0	1	0	1	0.1	99.6
84	0	0	0	1	0	1	0	0	1	0.1	99.7
85	0	0	0	0	1	1	0	0	1	0.1	99.9
86	0	0	0	0	1	0	0	1	1	0.1	100.0
Total									732	100.0	