

### Description of lists Exp. 3

Each list had a different standard stimulus, which occurred on 20 filler “same” trials. The eight standard stimuli spanned all vowels, and onset manner and voicing values. The dissimilar words in each set differed from the standard in place and voicing value of onset, but not manner. Manner was retained so that there was low similarity between the “standard” items and the “non-standard” items. Trials were pseudorandomly ordered so that at least one filler same trial occurred every three trials to maintain representation of the standard. However, there were no more than three trials in a row that had identical responses (all same or all different).

**Supplemental Material S5.** First four test lists for Experiment 3. The second set of four lists were identical (list1 = list5, list2 = list6, and so on) except that the standard stimuli were swapped with the nonstandard stimuli. For example, for list 5, zoof was the standard stimulus rather than beesh.

Item	list1			list2			list3			list4		
	Sound1	Sound2	Type	Sound1	Sound2	Type	Sound1	Sound2	Type	Sound1	Sound2	Type
1	beesh	beesh	FILLER	tayge	tayge	FILLER	poohv	poohv	FILLER	divv	divv	FILLER
2	beesh	bish	diffV_std	fosh	fush	diffV_non	sudge	sodge	diffV_non	divv	divv	ID_std
3	zoof	fayfe	dstnt_non	tayge	boove	dstnt_std	poohv	poohv	ID_std	divv	pish	dstnt_std
4	beesh	beesh	FILLER	tayge	tayge	FILLER	poohv	poohv	FILLER	divv	divv	FILLER
5	beesh	beesh	ID_std	fosh	zodge	dstnt_non	poohv	boohv	diffC_std	veff	vayfe	diffV_non
6	beesh	peesh	diffC_std	tayge	tayge	FILLER	poohv	poohv	FILLER	divv	deeve	diffV_std
7	beesh	beesh	FILLER	fosh	vosh	diffC_non	poohv	dedge	dstnt_std	divv	divv	FILLER
8	zoof	zoof	ID_non	tayge	tayge	FILLER	sudge	zudge	diffC_non	veff	feff	diffC_non
9	beesh	beesh	FILLER	tayge	dayge	diffC_std	poohv	poohv	FILLER	veff	veff	ID_non
10	zoof	soof	diffC_non	tayge	tayge	ID_std	poohv	poohv	FILLER	divv	divv	FILLER
11	beesh	teeve	dstnt_std	tayge	tayge	FILLER	poohv	poove	diffV_std	veff	soohf	dstnt_non
12	beesh	beesh	FILLER	fosh	fosh	ID_non	sudge	vush	dstnt_non	divv	divv	FILLER
13	zoof	zoohf	diffV_non	tayge	tedge	diffV_std	poohv	poohv	FILLER	divv	tivv	diffC_std
14	beesh	beesh	FILLER	tayge	tayge	FILLER	sudge	sudge	ID_non	divv	divv	FILLER
15	beesh	beesh	FILLER	fosh	fosh	ID_non	sudge	vush	dstnt_non	veff	soohf	dstnt_non
16	zoof	fayfe	dstnt_non	tayge	tedge	diffV_std	poohv	poohv	FILLER	divv	divv	FILLER
17	beesh	bish	diffV_std	tayge	tayge	FILLER	poohv	poohv	ID_std	veff	feff	diffC_non
18	beesh	beesh	FILLER	tayge	boove	dstnt_std	sudge	sodge	diffV_non	veff	vayfe	diffV_non
19	beesh	teeve	dstnt_std	tayge	tayge	FILLER	poohv	poohv	FILLER	divv	divv	FILLER
20	beesh	beesh	FILLER	fosh	zodge	dstnt_non	poohv	poohv	FILLER	divv	divv	FILLER
21	beesh	peesh	diffC_std	tayge	dayge	diffC_std	poohv	poohv	FILLER	divv	divv	FILLER
22	beesh	beesh	FILLER	tayge	tayge	FILLER	poohv	poove	diffV_std	divv	deeve	diffV_std
23	beesh	beesh	FILLER	tayge	tayge	ID_std	poohv	poohv	FILLER	veff	veff	ID_non
24	zoof	soof	diffC_non	tayge	tayge	FILLER	sudge	sudge	ID_non	divv	divv	FILLER
25	zoof	zoof	ID_non	fosh	vosh	diffC_non	poohv	dedge	dstnt_std	divv	pish	dstnt_std
26	beesh	beesh	FILLER	tayge	tayge	FILLER	poohv	poohv	FILLER	divv	divv	FILLER
27	beesh	beesh	ID_std	tayge	tayge	FILLER	sudge	zudge	diffC_non	divv	tivv	diffC_std
28	zoof	zoohf	diffV_non	fosh	fush	diffV_non	poohv	boohv	diffC_std	divv	divv	ID_std
29	beesh	beesh	FILLER	tayge	tayge	FILLER	poohv	poohv	FILLER	divv	divv	FILLER
30	beesh	beesh	FILLER	fosh	fosh	ID_non	poohv	dedge	dstnt_std	divv	pish	dstnt_std
31	beesh	beesh	ID_std	tayge	tedge	diffV_std	poohv	poohv	FILLER	divv	divv	FILLER
32	beesh	teeve	dstnt_std	tayge	tayge	FILLER	poohv	poove	diffV_std	veff	vayfe	diffV_non
33	beesh	beesh	FILLER	tayge	tayge	ID_std	sudge	sudge	ID_non	divv	divv	FILLER

34	beesh	peesh	diffC_std	tayge	dayge	diffC_std	poohv	poohv	FILLER	veff	veff	ID_non
35	beesh	beesh	FILLER	tayge	tayge	FILLER	sudge	zudge	diffC_non	veff	soohf	dstnt_non
36	zoof	zoohf	diffV_non	fosh	vosh	diffC_non	poohv	poohv	ID_std	divv	divv	FILLER
37	beesh	beesh	FILLER	fosh	zodge	dstnt_non	poohv	poohv	FILLER	divv	divv	FILLER
38	zoof	zoof	ID_non	tayge	tayge	FILLER	sudge	vush	dstnt_non	divv	deeve	diffV_std
39	beesh	bish	diffV_std	tayge	boove	dstnt_std	sudge	sodge	diffV_non	divv	divv	ID_std
40	beesh	beesh	FILLER	fosh	fush	diffV_non	poohv	poohv	FILLER	divv	divv	FILLER
41	zoof	fayfe	dstnt_non	tayge	tayge	FILLER	poohv	boohv	diffC_std	divv	tivv	diffC_std
42	zoof	soof	diffC_non	tayge	tayge	FILLER	poohv	poohv	FILLER	veff	feff	diffC_non
43	beesh	beesh	FILLER	fosh	fosh	ID_non	poohv	poohv	FILLER	divv	divv	FILLER
44	beesh	bish	diffV_std	tayge	boove	dstnt_std	poohv	dedge	dstnt_std	veff	feff	diffC_non
45	zoof	zoof	ID_non	tayge	tayge	FILLER	poohv	poohv	FILLER	divv	deeve	diffV_std
46	beesh	beesh	FILLER	fosh	vosh	diffC_non	sudge	sudge	ID_non	divv	divv	FILLER
47	zoof	fayfe	dstnt_non	fosh	zodge	dstnt_non	sudge	vush	dstnt_non	veff	soohf	dstnt_non
48	beesh	beesh	FILLER	tayge	tayge	FILLER	poohv	poohv	FILLER	divv	tivv	diffC_std
49	zoof	soof	diffC_non	tayge	tayge	FILLER	sudge	zudge	diffC_non	divv	divv	FILLER
50	beesh	beesh	ID_std	tayge	tayge	FILLER	poohv	poohv	ID_std	divv	divv	FILLER
51	beesh	beesh	FILLER	tayge	dayge	diffC_std	poohv	poohv	FILLER	veff	vayfe	diffV_non
52	beesh	peesh	diffC_std	tayge	tayge	ID_std	poohv	poove	diffV_std	divv	divv	ID_std
53	beesh	beesh	FILLER	tayge	tayge	FILLER	poohv	poohv	FILLER	divv	divv	FILLER
54	zoof	zoohf	diffV_non	tayge	tedge	diffV_std	sudge	sodge	diffV_non	divv	pish	dstnt_std
55	beesh	teeve	dstnt_std	fosh	fush	diffV_non	poohv	boohv	diffC_std	veff	veff	ID_non
56	beesh	beesh	FILLER	tayge	tayge	FILLER	poohv	poohv	FILLER	divv	divv	FILLER

**Note.** ID = identical; diffC = different consonants; diffV = different vowels; dstnt = dissimilar words. Items with \_std are part of the standard stimulus set (the standard is the same as those on the same filler trials), those with \_non are part of the nonstandard stimulus set.