Minimal Pair Discrimination Requiring Written Word Selection:

Instructions for Use

All the materials in this task are monosyllabic real words with a CVC structure and are designed for use in conjunction with nonword minimal pairs [1]. Unlike nonwords, discrimination of words can make use of lexical processes (and semantic processes as well). By comparing results on this task with that using nonword minimal pairs, one can gain information on how reliant the patient is on lexical contexts for phonemic perception. The task provides an alternative to Same-Different Discrimination using Word Minimal Pairs [2] for patients who have difficulty in listening to two words and selecting a same-different response. It requires listening only to one word.

Stimulus pairs are minimally different according to voice, manner or place of articulation. Differences occur either in initial or final positions of pairs or in pairs that are metathetically related (in which the order of sounds is reversed).

Special Points:

When presenting this task, make sure that you mask all the items except the pair to be attended to.

For any task using written word selection, check beforehand that the patient was literate premorbidly and that visual word processing abilities are not significantly impaired.

Descriptive Statistics (for 23 control subjects):

Mean = 70.96
Std. Dev. = 1.69

Suggestions for Where to go next: If the patient performs outside the normal range try other auditory processing tasks (eg. Same - Different Discrimination using both Word and Nonword Minimal pairs [1, 2]). Test whether performance is improved when Minimal Pair Discrimination requires Picture Selection [4].

Minimal Pair Discrimination Requiring Written Word Selection: Presenter's & Marking Form

Name:	Date:

Instructions to Subject: [Prevent subject from lipreading.] I'm going to say a word. Then I want you to tick which of these two written words I have just said.

Marking Instructions: Tick correct answer in stimulus columns. 'Type' columns indicate differences between pairs: where the difference occurs (initial (**I**), final (**F**) or metathetic (**M**)) and what the difference is (voice (**v**), manner (**m**) or place (**p**)). 'Freq' column can be used to see whether decisions are influenced by the frequency of the target compared with the distractor (**H** indicates target is higher than distractor, **L** and **=** indicate target is lower or equivalent in frequency to the distractor)

No.	Target	Freq	Type	No.	Target	Freq	Type
1	pill	L	I v	37	fan	H	I v
2	leave	L	F v	38	code	H	F v
3	pat	L	M p	39	pack	L	M p
4	bone	H	I m	40	dip	L	I v
5	rice	L	F m	41	tone	H	F p
6	mob	L	M m	42	safe	L	M p
7	deed	H	I p	43	meat	H	I p
8	fall	H	F m	44	hiss	L	F m
9	tape	H	M p	45	bog	H	M p
10	nip	L	I m	46	pail	L	I p
11	pain	H	F m	47	fang	L	F p
12	moan	H	M p	48	nail	L	M m
13	feed	L	I p	49	name	H	I m
14	bug	=	F p	50	robe	L	F p
15	toad	H	M v	51	pot	L	M p
16	fail	H	I v	52	neck	H	I m
17	roam	=	F m	53	cab	L	F v
18	nod	H	M m	54	tuck	L	M p
19	cut	H	I v	55	pole	L	I v
20	live (/laɪv/)	L	F v	56	rope	H	F v
21	tick	=	M p	57	lean	H	M m
22	down	L	I p	58	veal	H	I p
23	pig	H	F v	59	made	H	F m
24	dab	L	M p	60	dean	L	M m
25	might	L	I p	61	tail	H	I m
26	hen	L	F m	62	bean	L	F p
27	norm	H	M p	63	bud	H	M p
28	sack	H	I m	64	cap	H	I p
29	cup	H	F p	65	bed	H	F v
30	pit	L	M p	66	mane	L	M p
31	mat	L	I m	67	nine	H	I m
32	run	H	F p	68	cub	L	F m
33	bed	H	M p	69	cat	H	M p
34	dale	L	I v	70	coal	L	I v
35	bag	L	F v	71	back	H	F p
36	dog	H	M p	72	debt	H	M v

CORRECT	/72	INITIAL	/24	voice	/18	Low / = Freq	/36
		FINAL	/24	manner	/21	High Freq	/36
		METATHETIC	/24	place	/33		

Name:	Date:

Please Tick the Word You Hear

1. pill   bill   2. leaf   leave   3. tap   pat

4. bone moan   5. rice   write   6. bomb mob

7. bead deed   8. fall   fawn   9. pate   tape

10. lip   nip   11. pain   pail   12. moan gnome

13. seed feed   14. bug   bud   15. toad   dote

16. veil   fail   17. robe   roam   18. don   nod

19. cut   gut   20. live   life   21. tick   kit

22. gown down   23. pick   pig   24. dab   bad

25. might night   26. hen   head   27. norm mourn

28. tack   sack   29. cut   cup   30. tip   pit

31. mat   bat   32. run   rung   33. bed   deb

34. tale   dale   35. bag   back   36. dog   god

Name:	Date:

Please Tick the Word You Hear

37. van fan	38. code coat	39. pack cap
40. dip tip	41. tome tone	42. face safe
43. meat neat	44. hit hiss	45. gob bog
46. tail pail	47. fang fan	48. nail lane
49. dame name	50. robe road	51. top pot
52. neck deck	53. cab cap	54. cut tuck
55. bowl pole	56. robe rope	57. lean kneel
58. zeal veal	59. made main	60. dean need
61. sail tail	62. bean beam	63. dub bud
64. cap tap	65. bet bed	66. name mane
67. nine line	68. cub come	69. cat tack
70. goal coal	71. bat back	72. debt Ted