

APPENDIX A

Perception

Discrimination Test (Speaker's Script)

Read the number and the words. Pause after each sequence of four words.

- | | | | | |
|-----|--------------------|-------------|-------------|-------------|
| 1. | sink [s] | think [θ] | sink [s] | sink [s] |
| 2. | they [ð] | they [ð] | they [ð] | day [d] |
| 3. | wider [w] | rider [ɹ] | rider [ɹ] | rider [ɹ] |
| 4. | vain [v] | vain [v] | rain [ɹ] | vain [v] |
| 5. | vine [v] | vine [v] | wine [w] | vine [v] |
| 6. | ri [ʔ] ches | riches | riches | riches [ʔ] |
| 7. | right [ɹ] | right [ɹ] | right [ɹ] | right [r] |
| 8. | disk [ɪ] | disk [ɪ] | disk [ɪ] | desk [e] |
| 9. | wooded [u:] | wood [ʊ] | wood [ʊ] | wood [ʊ] |
| 10. | march [ɑ] | much [ʌ] | much [ʌ] | much [ʌ] |
| 11. | about [ə] | about [ə] | about [ə] | about [e] |
| 12. | thigh [θ] | thigh [θ] | thy [ð] | thigh [θ] |
| 13. | care [eə] | cur [ɜ:] | cur [ɜ:] | cur [ɜ:] |
| 14. | bird [ɜ:] | bird [ɜ:] | bird [ɜ:] | bed [e] |
| 15. | both [θ] | both [θ] | boat [t] | both [θ] |
| 16. | breathe [ð] | breathe [ð] | breathe [ð] | breeze [z] |
| 17. | ward [ɔ:] | ward [ɔ:] | wood [ʊ] | ward [ɔ:] |
| 18. | sour [aʊə] | sour [ɑ:ə] | sour [aʊə] | sour [aʊə] |
| 19. | <u>mower</u> [ɔʊə] | mower [əʊə] | mower [əʊə] | mower [əʊə] |
| 20. | stock [ɔ] | stock [ɔ] | stock [ɔ] | stalk [ɒ] |
| 21. | code [əʊ] | cord [ɔ] | cord [ɔ] | cord [ɔ] |
| 22. | out [aʊ] | ought [ɔ] | out [aʊ] | out [aʊ] |

23.	bead [i:]	bead [i:]	bead [i:]	beard [ɪə]
24.	tour [ʊə]	tour [ʊə]	tour [ʊə]	two [u:]
25.	[kæt]	[kæt]	[kæt]	[kætəl]
26.	[hæpənɪŋ]	[hæpənɪŋ]	[hæpənɪŋ]	[hæpənɪŋ]
27.	[ʌpəməʊst]	[ʌpəməʊst]	[ʌpəməʊst]	[ʌpəməʊst]
28.	[brʊəkɪŋ]	[brʊəkɪŋ]	[brʊəkɪŋ]	[brʊəkən]
29.	[hɪstrɪi]	[hɪstrɪi]	[hɪstrɪi]	[hɪstərii]
30.	[vetrən]	[vetrən]	[vetrən]	[vetrn]
31.	'refund [n]	re'fund [v]	'refund [n]	'refund [n]
32.	im'port [v]	'import [n]	'import [n]	'import [n]
33.	'abstract [adj]	ab'stract [v]	ab'stract [v]	ab'stract [v]
34.	'present [adj]	'present [adj]	'present [adj]	pre'sent [v]
35.	'formidable [adj]	'formidable [adj]	'formidable [adj]	for'midable [adj]
36.	sing [ŋ]	sing [ŋ]	sin [n]	sing [ŋ]
37.	ring [ŋ]	rig [g]	ring [ŋ]	ring [ŋ]
38.	eel [l]	eel [t]	eel [l]	eel [l]
39.	take (alveolar)	take (alveolar)	take (alveolar)	take (dental-alveolar) [t]
40.	dark(alveolar)	dark (dental)	dark (alveolar)	dark (alveolar-alveolar) [d]
41.	ash [ʔæf]	ash [æf]	ash [æf]	ash [æf]
42.	ate [eit]	ate [eit]	ate [ʔeit]	ate [eit]
43.	hour [ɑʊə]	hour [ɑʊə]	hour [ɑʊə]	hour [ʔɑʊə]
44.	shy (Persian)	shy (Persian)	shy (Persian)	shy (RP) [ʃ]
45.	genre (RP)	genre (Persian)	genre (Persian)	genre (Persian) [ʒ]
46.	children (Persian)	children (RP)	children (RP)	children (RP) [tʃ]
47.	germ (RP)	germ (RP)	germ (RP)	germ (Persian) [dʒ]
48.	very [r]	very [r]	very [r]	very [r]
49.	site (alveolar)	site (alveolar)	site (alveolar)	site (dental-alveolar)
50.	zero (alveolar)	zero (alveolar)	zero (alveolar)	zero (dental-alveolar)

APPENDIX B

Perception

Discrimination Test (Listener's Script)

Listen carefully. You will hear a sequence of four words. Three words are identical, but one word is slightly different. Circle the number that corresponds to the word which you think is different from the others, 1, 2, 3 or 4. For example, if what you hear is

sip sip sip zip

then you will circle 4 on your script. If you hear

sip zip sip sip

then you will circle 2. If the four utterances seem identical to you, you will circle 0. There are altogether 50 sequences of four words. Each will be read only once.

- | | | | | | |
|-----|---|---|---|---|---|
| 1) | 1 | 2 | 3 | 4 | 0 |
| 2) | 1 | 2 | 3 | 4 | 0 |
| 3) | 1 | 2 | 3 | 4 | 0 |
| 4) | 1 | 2 | 3 | 4 | 0 |
| 5) | 1 | 2 | 3 | 4 | 0 |
| 6) | 1 | 2 | 3 | 4 | 0 |
| 7) | 1 | 2 | 3 | 4 | 0 |
| 8) | 1 | 2 | 3 | 4 | 0 |
| 9) | 1 | 2 | 3 | 4 | 0 |
| 10) | 1 | 2 | 3 | 4 | 0 |
| 11) | 1 | 2 | 3 | 4 | 0 |
| 12) | 1 | 2 | 3 | 4 | 0 |
| 13) | 1 | 2 | 3 | 4 | 0 |
| 14) | 1 | 2 | 3 | 4 | 0 |
| 15) | 1 | 2 | 3 | 4 | 0 |
| 16) | 1 | 2 | 3 | 4 | 0 |
| 17) | 1 | 2 | 3 | 4 | 0 |
| 18) | 1 | 2 | 3 | 4 | 0 |
| 19) | 1 | 2 | 3 | 4 | 0 |
| 20) | 1 | 2 | 3 | 4 | 0 |
| 21) | 1 | 2 | 3 | 4 | 0 |

22)	1	2	3	4	0
23)	1	2	3	4	0
24)	1	2	3	4	0
25)	1	2	3	4	0
26)	1	2	3	4	0
27)	1	2	3	4	0
28)	1	2	3	4	0
29)	1	2	3	4	0
30)	1	2	3	4	0
31)	1	2	3	4	0
32)	1	2	3	4	0
33)	1	2	3	4	0
34)	1	2	3	4	0
35)	1	2	3	4	0
36)	1	2	3	4	0
37)	1	2	3	4	0
38)	1	2	3	4	0
39)	1	2	3	4	0
40)	1	2	3	4	0
41)	1	2	3	4	0
42)	1	2	3	4	0
43)	1	2	3	4	0
44)	1	2	3	4	0
45)	1	2	3	4	0
47)	1	2	3	4	0
48)	1	2	3	4	0
49)	1	2	3	4	0
50)	1	2	3	4	0

APPENDIX C

Perception

Dictation Test (Speaker's Script)

Read the number and start every sentence with “write the word...”. Pause between the sentences.

1. Write the word “spectacle”. [sp.....]
2. Write the word “trial”. [tr.....]
3. Write the word “flower”. [fl.....]
4. Write the word “sphere”. [sf.....]
5. Write the word “friendly”. [fr.....]
6. Write the word “music”. [mj.....]
7. Write the word “Tuesday”. [tj.....]
8. Write the word “fuel”. [fj.....]
9. Write the word “client”. [kl.....]
10. Write the word “lude”. [lj.....]
11. Write the word “smiley”. [sm.....]
12. Write the word “sweaty”. [sw.....]
13. Write the word “sliding”. [sl.....]
14. Write the word “straddle”. [str.....]
15. Write the word “sclerosis”. [skl.....]
16. Write the word “screen”. [scr.....]
17. Write the word “spray”. [spr.....]
18. Write the word “squeak”. [skw.....]
19. Write the word “splay”. [spl.....]
20. Write the word “spew”. [spj.....]
21. Write the word “stew”. [stj.....]
22. Write the word “skewer”. [skj.....]
23. Write the word “backed”. [.....kt]
24. Write the word “placed”. [.....st]
25. Write the word “hushed”. [.....ft]

26. Write the word “planets”. [.....ts]
27. Write the word “puls”. [.....ls]
28. Write the word “plant”. [.....nt]
29. Write the word “pins”. [.....nz]
30. Write the word “waves”. [.....vz]
31. Write the word “bonds”. [.....ndz]
32. Write the word “helped”. [.....lpt]
33. Write the word “cramped”. [.....mpt]
34. Write the word “twelfth”. [.....lfθ]
35. Write the word “next”. [.....kst]
36. Write the word “fifths”. [.....fθs]
37. Write the word “banks”. [.....ŋks]
38. Write the word “prompts”. [.....mpts]
39. Write the word “sixths”. [.....ksθs]
40. Write the word “texts”. [.....ksts]

APPENDIX D

Perception

Dictation Test (Listener's Script)

Listen carefully and write down the words you hear. Parts of the words are spelled out in your script. You have to add the missing parts. If you hear the word “trunk” and in the script you see “-----unk”, you will add “tr” before the letters “unk”. If what you hear is “first” and the script says “fi-----”, you will add “rst” after the letters “fi”.

1. -----ectacle
2. -----ial
3. -----ower
4. -----ere
5. -----iendly
6. -----sic
7. -----esday
8. -----el
9. -----ient
10. -----de
11. -----iley
12. -----eaty
13. -----iding
14. -----addle
15. -----erosis
16. -----een
17. -----ay
18. -----eak
19. -----ay
20. -----w
21. -----w
22. -----er
23. ba-----
24. pla-----

25. hu-----
26. plane----
27. pu-----
28. pla-----
29. pi-----
30. wa-----
31. bo-----
32. he-----
33. cra-----
34. twe-----
35. ne-----
36. fi-----
37. ba-----
38. pro-----
39. si -----
40. te-----

APPENDIX E

Production

Repetition Test (Speaker's Script)

Read the number, and then the words. Pause after each word.

1.	tie	attack	write	[t]
2.	double	hiding	road	[d]
3.	ca[ʔ]tch	foo[ʔ]tball	wha[ʔ]	[ʔ]
4.	change	lecture	patch	[tʃ]
5.	judge	danger	badge	[dʒ]
6.	thin	ether	earth	[θ]
7.	they	worthy	bathe	[ð]
8.	seal	racer	peace	[s]
9.	zeal	razor	peas	[z]
10.	sheet	fission	niche	[ʃ]
11.	gigolo	vision	rouge	[ʒ]
12.	neat	annoy	melon	[n]
13.	ankle	hunger	hanger	[ŋ]
14.	ring	sink	long	[ŋ, nk]
15.	clean	dull	canal	[ɪ]
16.	very[r]	three[r]	sorry [r]	[r]
17.	read	rude	arrive	[ɹ]
18.	accept	carrot	character	[ə]
19.	bead	pea		[i:]
20.	ill	hid		[ɪ]
21.	head[e]	bed [e]		[e]
22.	and	had	bad	[æ]
23.	bard	par		[ɑ:]
24.	gone	cross		[ɒ]
25.	or	hoard	paw	[ɔ:]
26.	hood	push		[ʊ]

27.	fool	loose		[u:]
28.	rush	some		[ʌ]
29.	purr	fern		[ɜ:]
30.	world	always	now	[w]
31.	fail	pain	neigh	[eɪ]
32.	tide	pie	high	[aɪ]
33.	oil	foil	boy	[ɔɪ]
34.	old	load	no	[əʊ]
35.	owl	foul	cow	[aʊ]
36.	ear	peer	dear	[ɪə]
37.	aired	scarce	pair	[eə]
38.	moored	poor		[ʊə]
39.	worse	purse		[ɜ]
40.	liar	hire		[aɪə]
41.	power	hour		[aʊə]
42.	conveyer	greyer		[eɪə]
43.	lower	slur		[əʊə]
44.	employer	joyous		[ɔɪə]
45.	ask	owner	ear	[initial vowel, diphthong and triphthong]
46.	muddle [ɪ]	tunnel [ɪ]		[ɪ]
47.	rotten [ŋ]	often [ŋ]		[ŋ]
48.	let them [ŋ]	happen [ŋ]		[ŋ]
49.	thicken [ŋ]	broken [ŋ]		[ŋ]
50.	Hungary [r]	history [r]		[r]
51.	literal [rɪ]	national [ŋɪ]		[rɪ , ŋɪ]
52.	per'haps			[adv]
53.	'terri.ble			[adj]
54.	pi'ano			[n]
55.	ref 'lect			[v]
56.	re'fuse			[v, adj]
57.	'market			[stem + suffix]

58.	de'stroy	[prefix + stem]
59.	'concentrate	[v]
60.	'pleasant	[prefix + stem]
61.	'fallible	[adj]
62.	'dictio,nary	[primary & secondary stress]
63.	,neverthe'less	[primary & secondary stress]
64.	,next 'door	[primary & secondary stress]
65.	'practical	[adj]
66.	'period	[n]
67.	'personal	[adj]
68.	'parent	[n]
69.	'purchase	[v]
70.	'clearly	[adv]
71.	'naturally	[adv]

APPENDIX F

Production

Repetition Test (Listener's Script)

Repeat the words after the speaker.

- | | | |
|------------|----------|-----------|
| 1. tie | attack | write |
| 2. double | hiding | road |
| 3. catch | football | what |
| 4. change | lecture | patch |
| 5. judge | danger | badge |
| 6. thin | ether | earth |
| 7. they | worthy | bathe |
| 8. seal | racer | peace |
| 9. zeal | razor | peas |
| 10. sheet | fission | niche |
| 11. gigolo | vision | rouge |
| 12. neat | annoy | melon |
| 13. ankle | hunger | hanger |
| 14. ring | sink | long |
| 15. clean | dull | canal |
| 16. very | three | bright |
| 17. read | rude | arrive |
| 18. accept | carrot | character |
| 19. bead | pea | |
| 20. ill | hid | |
| 21. head | bed | |
| 22. had | bad | |
| 23. bard | par | |
| 24. gone | cross | |
| 25. hoard | paw | |
| 26. hood | push | |
| 27. fool | loose | |
| 28. rush | some | |

- | | | | |
|-----|--------------|----------|-------|
| 29. | purr | fern | |
| 30. | world | always | now |
| 31. | fail | pain | neigh |
| 32. | tide | pie | high |
| 33. | oil | foil | boy |
| 34. | old | load | no |
| 35. | owl | foul | cow |
| 36. | ear | peer | dear |
| 37. | aired | scarce | pair |
| 38. | moored | poor | |
| 39. | worse | purse | |
| 40. | liar | hire | |
| 41. | power | hour | |
| 42. | conveyer | greyer | |
| 43. | lower | slur | |
| 44. | employer | joyous | |
| 45. | ear | owner | |
| 46. | muddle | tunnel | |
| 47. | rotten | often | |
| 48. | let them | happen | |
| 49. | thicken | broken | |
| 50. | Hungary | history | |
| 51. | literal | national | |
| 52. | perhaps | | |
| 53. | terrible | | |
| 54. | piano | | |
| 55. | reflect | | |
| 56. | refuse | | |
| 57. | market | | |
| 58. | destroy | | |
| 59. | concentrate | | |
| 60. | pleasant | | |
| 61. | fallible | | |
| 62. | dictionary | | |
| 63. | nevertheless | | |

64. next door
65. practical
66. period
67. personal
68. parent
69. purchase
70. clearly
71. naturally

APPENDIX G

Production

Combination Test (Speaker's Script)

Read the number, and then the incomplete words. Pause after each item to let the participants pronounce the complete words.

<u>Speaker</u>	<u>Expected word</u>
1. [.....inal]	spinal
2. [.....ousers]	trousers
3. [.....asher]	flasher
4. [.....erical]	spherical
5. [.....ankly]	frankly
6. [.....tilate]	mutilate
7. [.....ner]	tuner
8. [.....neral]	funeral
9. [.....arity]	clarity
10. [.....bricate]	lubricate
11. [.....iling]	smiling
12. [.....aying]	swaying
13. [.....iming]	sliming
14. [.....anger]	stranger
15. [.....erosis]	sclerosis
16. [.....amble]	scramble
17. [.....inkle]	sprinkle
18. [.....eeze]	squeeze
19. [.....ash]	splash
20. [.....ria]	spuria
21. [.....dent]	student
22. [.....er]	skewer
23. [ba.....]	backed
24. [cro.....]	crossed
25. [bru.....]	brushed.
26. [blan.....]	blankets
27. [coup.....]	couples

28. [fro.....]	front
29. [praw.....]	prawns
30. [glo.....]	gloves
31. [hou.....]	hounds
32. [he.....]	helped
33. [cla.....]	clamped
34. [twe.....]	twelfth
35. [ne.....]	next
36. [fi.....]	fifths
37. [hu.....]	hunks
38. [pro.....]	prompts
39. [si.....]	sixths
40. [ne.....]	nexts

APPENDIX H

Production

Combination Test (Listener's Script)

The speaker will pronounce the incomplete words. You will find the missing parts of the words in your script. Combine the letters you find in your script with the sounds you have heard. Together they form meaningful English words. If what you hear is “**ipt**” and in your answer sheet you read “scr-----”, you will pronounce the word “**script**”

1. [sp.....]
2. [tr.....]
3. [fl.....]
4. [sph.....]
5. [fr.....]
6. [mu.....]
7. [tu.....]
8. [fu.....]
9. [cl.....]
10. [lu.....]
11. [sm.....]
12. [sw.....]
13. [sl.....]
14. [str.....]
15. [scl.....]
16. [scr.....]
17. [spr.....]
18. [sku.....]
19. [spl.....]
20. [spu.....]
21. [stu.....]
22. [skj.....]
23. [.....kt]
24. [.....st]

25. [.....ft]
26. [.....ts]
27. [.....ls]
28. [.....nt]
29. [.....nz]
30. [.....vz]
31. [.....ndz]
32. [.....lpt]
33. [.....mpt]
34. [.....lfθ]
35. [.....kst]
36. [.....fθs]
37. [.....ηks]
38. [.....mpts]
39. [.....ksθs]
40. [.....ksts]