

Appendix 1. Subject information on aphasic participants

Case	Name	Etiology	DH	Damage Place	Aphasia	TPO
1	K.A.	stroke	left	FR,TEM	B	20
2	M.L.	stroke	left	TEM, FR,Ins	B	5
3	R.E.	stroke	left	PA	TM	22
4	T.P.	stroke	left	FR, TEM,	TM	15

Note: (DH=damaged hemisphere; TPO=time post onset in month; B=Broca; TM= Transcortical Motor; FR=Frontal; PA=parietal; TEM=Temporal, ins=insula); PAR= parietal .

Appendix 2. Root compound nouns

number	compound noun	syntactic		semantic		Part of speech
		head		END	EX	N + N
					O	
		I	F	UN	I	F
1	<i>toxmmorG</i> (egg)	+			+	
2	<i>râhâhan</i> (rail road)	+			+	
3	<i>mâšinhesâb</i> (calculator)	+			+	
4	<i>mâšintahrir</i> (type writer)	+			+	
5	<i>simboksel</i> (wirerope)	+			+	
6	<i>râhpelle</i> (stairway)	+			+	
7	<i>mušxormâ</i> (ferret)	+			+	
8	<i>ʔâčârboks</i> (socket wrench)	+			+	
9	<i>taxtegušt</i> (chopping board)	+			+	
10	<i>talemuš</i> (mouse trap)	+			+	
11	<i>ruznâme</i> (paper)		+		+	

12	<i>ketâbxâne</i> (library)	+	+	+
13	<i>kamânarre</i> (saw)	+	+	+
14	<i>gurxar</i> (zebra)	+	+	+
15	<i>dâroxâne</i> (drugstore)	+	+	+
16	<i>golmix</i> (doornail)	+	+	+
17	<i>širmâhi</i> (walrus)	+	+	+
18	<i>sagmagas</i> (gadfly)	+	+	+
19	<i>zabtsot</i> (cassette player)	+	+	+
20	<i>xarčang</i> (crab)	+	+	+

Note: (UN, unknown head; I, initial; F, final; END, endocentric; EXO, exocentric; N, noun).

Appendix 3. Synthetic compound nouns

number	Compound noun	syntactic		semantic		Part of	
						speech	
		head		END		EXO	N + verb
						stem	
I	F	I	F				
1	medâdtarâš (sharpener)		+		+	+	
2	rištarâš (shaver)		+		+	+	
3	dastband(handcuff)		+		+	+	
4	pâband(fetter)		+		+	+	
5	kamarband(belt)		+		+	+	
6	medâdpâkkon(eraser)		+		+	+	
7	nâxongir(nail scissor)		+		+	+	
8	jâru(broom)		+		+	+	

9	pâru(snow shovel)	+	+	+
10	dastkeš (gloves)	+	+	+
11	havâpeymâ (palne)	+	+	+
12	xatkeš (ruler)	+	+	+
13	âbpâš (watering pot)	+	+	+
14	damâsandž(thermometer)	+	+	+
15	simčîn(clipper)	+	+	+
16	bolandgu (loudspeaker)	+	+	+
17	gelgir(mudguard)	+	+	+
18	durbin (camera)	+	+	+
19	kârtxân (card reader)	+	+	+
20	Širjuš (boiling milk)	+	+	+

Appendix 4. Simple nouns (N=40)

tofang (gun), *parvâne* (butterfly), *qeyčî* (scissor), *divâr*(wall), *qatâr* (train), *gorbe* (cat), *kâktus* (cactus), *?anâr*(pomegranate), *qurbâqe* (frog), *boşqâb* (dish), *fenjân*(cup), *qâyeq* (boat), *medâd* (pencil), *bastani* (ice cream), *čakoš* (hammer), *qomqome* (thermos), *rubâh* (fox), *terâktor* (tractor), *ketâb* (book), *sandali* (chair), *kâmpiyo(u)ter* (computer), *kafš* (shoe), *mâhi* (fish), *?arre* (saw), *sanjâqak* (dragonfly), *pirâhan* (shirt), *kolâh* (hat), *felâmingu* (flamingo), *zarrâfe* (giraffe), *li:vân* (glass), *kâleske* (carriage), *şalqam* (turnip), *Khodkâr* (pen), *naqše* (map), *mesvâk* (toothbrush), *sâbun* (soap), *quri* (pot), *bâdemjân* (eggplant), *kelid* (key), *kâm[i]yun* (truck).