

The spread of the cot/caught merger in the speech of Memphians: An ethnolinguistic marker?

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Table 1: Means comparisons by overall merger indices, glide score indices and number of monophthongs.

overall merger index m=2.2 (1=full merger)	Black: 2.0	Male: 2.35
	Whites: 2.4	Female: 2.05
glide score index m=2.06 (1=short glide)	Black: 2.3	Male: 1.92
	Whites: 1.82	Female: 2.20
# of Monophthongs m=1.55	Black: 0.7	Male: 1.70
	Whites: 2.4	Female: 1.40

(Overall means in bold)

Table 2: Means comparison across word pairs.

hock/hawk m=2.29	Black: 2.28	Male: 2.22
	Whites: 2.22	Female: 2.28
dog/dock m=2.29 *Male to Female: $p < .05$	Black: 2.06	Male: 2.61 *
	Whites: 2.44	Female: 2.06*
dogs/dock m=2.53	Black: 2.2	Male: 2.83
	Whites: 2.80	Female: 2.50
call/collar m=1.9	Black: 2.4	Male: 2.00
	Whites: 1.5	Female: 1.58
cot/caught m=1.87	Black: 1.5	Male: 2.2
	Whites: 1.83	Female: 1.8
pot/bought m=2.64	Black: 2.5	Male: 2.9
	Whites: 2.90	Female: 2.2
cop/cough m=2.32	Black: 2.22	Male: 2.33
	Whites: 2.33	Female: 2.33
cop/coffee m=2.25	Black: 1.86	Male: 2.5
	Whites: 2.57	Female: 2.17
pot/paw m=2.46	Black: 2.50	Male: 2.5
	Whites: 2.88	Female: 2.6

(Overall word pair means in bold)

Table 3: Means comparison across word pair environments.

prevelar m=2.31	Black: 2.12	Male: 2.45
	Whites: 2.5	Female: 2.17
precluster m=2.53	Black: 2.20	Male: 2.5
	Whites: 2.7	Female: 2.57
prelateral m=1.9	Black: 2.4	Male: 2.14
	Whites: 1.65	Female: 1.69
prealveolar m=2.28	Black: 1.96	Male: 2.56
	Whites: 2.57	Female: 2.04
prelabial m=2.32	Black: 2.06	Male: 2.3
	Whites: 2.55	Female: 2.33
post-velar m=2.07	Black: 1.94	Male: 2.24
	Whites: 2.20	Female: 1.90
post-glottal m=2.29	Black: 2.28	Male: 2.3
	Whites: 2.3	Female: 2.28
post-labial m=2.59	Black: 2.60	Male: 2.65
	Whites: 2.58	Female: 2.53
post-alveolar m=2.29 * t-test significant B-W	Black: 2.02*	Male: 2.47
	Whites: 2.57* ^a	Female: 2.12

(Overall word pair means in bold)

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