

## Appendix B: Descriptive statistics for stop VOT and post-stop f0 in imitation experiments

Manipulation Condition	Onset Type	Production Block	Males		Females	
			Stop VOT	Post-onset f0	Stop VOT	Post-onset f0
High f0 condition	Shadowed /t <sup>h</sup> /	Baseline	67.3 (17.7)	4.4 (1.7)	64.6 (19.3)	17.2 (1.6)
		Shadowing	62.0 (17.2)	4.9 (2.3)	59.1 (18.9)	17.3 (1.5)
		Test	68.8 (20.9)	4.8 (2.3)	63.8 (18.9)	17.6 (1.5)
	Unheard /t <sup>h</sup> /	Baseline	66.3 (18.2)	4.4 (1.7)	66.5 (19.7)	17.2 (1.5)
		Test	69.0 (19.0)	4.7 (2.3)	64.1 (21.0)	17.6 (1.6)
	Unheard /t/	Baseline	52.9 (18.7)	1.2 (1.7)	58.6 (19.9)	12.2 (1.3)
		Test	55.5 (18.8)	1.3 (1.7)	59.5 (19.4)	12.4 (1.4)
	Unheard /t*/	Baseline	15.3 (5.6)	3.4 (1.6)	12.1 (3.9)	16.1 (1.4)
		Test	14.8 (6.0)	3.8 (2.3)	12.0 (4.1)	16.3 (1.8)
	Shadowed sonorants	Baseline	--	0.8 (1.4)	--	11.9 (1.2)
		Shadowing	--	1.0 (1.5)	--	12.1 (1.5)
		Test	--	0.9 (1.5)	--	12.0 (1.4)
	Unheard sonorants	Baseline	--	0.8 (1.5)	--	11.9 (1.2)
		Test	--	0.9 (1.6)	--	12.0 (1.5)
Long VOT condition	Shadowed /t <sup>h</sup> /	Baseline	65.3 (17.5)	4.4 (1.7)	65.3 (18.9)	16.4 (1.8)
		Shadowing	65.9 (16.3)	5.0 (1.9)	65.3 (20.7)	16.7 (2.1)
		Test	67.3 (19.0)	5.3 (1.9)	67.0 (20.9)	17.0 (2.3)
	Unheard /t <sup>h</sup> /	Baseline	64.8 (16.8)	4.3 (1.7)	66.4 (18.8)	16.5 (1.9)
		Test	70.1 (18.3)	5.3 (2.0)	69.5 (21.6)	17.1 (2.3)
	Unheard /t/	Baseline	50.7 (17.5)	0.9 (1.5)	60.2 (18.4)	11.8 (1.7)
		Test	53.4 (17.6)	1.2 (1.5)	61.0 (18.8)	12.1 (1.9)
	Unheard /t*/	Baseline	14.3 (4.4)	3.3 (1.6)	13.1 (4.9)	15.4 (1.8)
		Test	14.3 (4.8)	4.1 (1.7)	13.0 (6.8)	15.8 (2.3)
	Shadowed sonorants	Baseline	--	0.6 (1.4)	--	11.5 (1.6)
		Shadowing	--	1.0 (1.4)	--	11.7 (2.1)
		Test	--	0.9 (1.3)	--	11.6 (1.8)
	Unheard sonorants	Baseline	--	0.7 (1.5)	--	11.5 (1.6)
		Test	--	0.9 (1.5)	--	11.7 (1.9)

**Table B.1.** Mean stop VOT (ms) and post-stop f0 (semitone) in baseline, shadowing, and test productions (standard deviation in parentheses)