

Table B. Acoustic analysis for /aba/ of single parameter morphs at selected morph level.

	ML	First Vowel						Whole Utterance		
		F1 [Hz]	F2 [Hz]	F3 [Hz]	Jit %	Shim %	HNR _v [db]	f ₀ [Hz]	f ₀ SD [Hz]	HNR [db]
Full P1	0	682	1136	2252	0.6	4.0	15.2	94	9.4	11.0
	50	814	1248	2618	0.8	2.0	19.3	149	10.2	16.2
	100	962	1485	2828	0.8	1.0	20.3	203	12.7	18.6
Full P2	0	812	1375	2519	0.7	5.0	13.9	104	4.7	11.5
	50	882	1531	2756	0.5	2.0	17.9	158	4.5	14.6
	100	971	1639	2967	0.7	2.0	19.2	213	6.5	15.8
F0 P1	0	817	1318	2654	0.7	2.0	15.8	94	9.3	13.5
	50	839	1321	2637	0.7	2.0	19.5	149	10.3	16.3
	100	853	1341	2663	0.9	3.0	20.1	203	12.4	16.6
F0 P2	0	880	1502	2673	0.7	3.0	15.3	104	4.6	13.4
	50	880	1494	2679	0.5	2.0	17.4	158	4.0	14.6
	100	852	1510	2696	0.7	3.0	17.5	213	4.8	15.1
FF P1	0	648	1119	2239	0.5	2.0	20.7	140	10.1	15.9
	50	787	1237	2594	0.5	2.0	19.8	140	10.1	15.3
	100	968	1490	2947	0.4	1.0	19.8	140	10.3	15.2
FF P2	0	776	1365	2533	0.5	3.0	17.7	140	4.1	14.4
	50	923	1564	2771	0.5	2.0	16.6	140	4.1	13.8
	100	1005	1687	2912	0.5	4.0	15.2	140	4.1	12.9
SL P1	0	826	1353	2600	0.4	3.0	17.9	140	10.4	12.7
	50	861	1408	2528	0.5	2.0	20.2	140	10.1	15.8
	100	843	1397	2564	0.6	2.0	19.7	140	10.2	17.0
SL P2	0	892	1494	2602	0.5	3.0	15.0	140	4.0	13.7
	50	865	1500	2691	0.5	2.0	17.2	140	4.1	14.2
	100	849	1474	2710	0.7	2.0	17.0	140	4.1	14.2
AP P1	0	815	1348	2545	0.5	2.0	19.1	140	10.2	14.1
	50	815	1344	2534	0.5	1.0	20.1	140	10.1	15.5
	100	807	1337	2572	0.5	2.0	21.3	140	10.2	16.2
AP P2	0	863	1478	2523	0.6	4.0	15.5	140	4.0	12.2
	50	862	1484	2505	0.5	2.0	16.7	140	4.2	14.5
	100	860	1476	2471	0.6	2.0	16.7	140	4.1	15.0