

Appendix A Descriptive Statistics

Table 1. Vowel means

	Vowel	F1 (Hz)	<i>SD</i>	F2 (Hz)	<i>SD</i>
All speakers					
	a	657.4	115.6	1627.9	230.7
	e	433.5	78.3	1973.3	276.4
	i	417.1	77.5	2131.7	291.6
	o	470.1	102.1	1276.1	286.8
	u	463.3	79.2	1158.5	249.4
Female speakers only					
	a	716.8	110.2	1749.0	172.4
	e	474.7	70.3	2192.8	203.6
	i	429.6	62.3	2367.6	172.6
	o	515.5	114.4	1443.0	267.5
	u	484.0	71.7	1232.9	276.4
Male speakers only					
	a	582.2	69.2	1474.7	202.5
	e	397.8	66.6	1782.7	168.8
	i	405.2	88.3	1907.1	184.3
	o	439.8	80.1	1164.5	242.2
	u	440.8	81.3	1078.1	187.0