

	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12
aa	1530	0	73	51	1	1	0	0	0	6	0	1
ae	0	2581	1	0	251	10	10	14	0	0	4	1
ah	88	1	6760	403	4	10	0	0	0	104	0	14
ao	46	0	5	1043	0	0	0	0	0	43	0	2
eh	0	50	5	0	2459	17	7	3	0	0	3	1
er	0	6	0	0	19	2012	3	1	0	0	7	56
ey	0	60	0	0	8	8	1257	132	66	0	103	0
ih	0	10	0	0	9	2	526	4182	24	0	1197	0
iy	0	0	0	0	0	0	7	27	3802	0	10	0
ow	1	0	39	13	0	1	0	0	0	1951	0	17
uh	1	0	2	2	0	13	0	0	0	7	0	1353
uw	0	0	2	0	0	33	0	0	0	44	1	2947

Table 1: A confusion matrix of induced vowels versus true (ARPABET) monophthongal vowels in one sample from our system posterior, $n_v = 12$.