Ground truth \ Predicted labels	/sil/	/a/	/Ê/	/Û/	/Ô/	/u/	/y/	/i/	/ã/	/ɔ̃/	/µ/	/w/	/ɥ/	/j/	/l/	/ʁ/	/n/	/m/	/ɲ/	/p/	/t/	/k/	/b/	/d/	/g/	/f/	/s/	/ʃ/	/v/	/z/	/ʒ/
/sil/	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan
/a/	0.6	45.2	3.7	5.0	1.7	0.0	0.1	0.0	0.5	0.0	30.4	0.4	0.1	0.1	2.2	2.5	1.7	1.2	0.5	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.5	0.1	0.8	0.5	0.3
/Ê/	2.5	3.7	53.1	13.8	0.3	0.1	1.6	2.1	0.0	0.6	6.7	0.2	0.3	1.0	3.1	0.9	1.8	0.8	0.5	0.4	0.6	0.6	0.2	0.3	0.3	0.2	0.7	0.4	0.7	1.9	0.6
/Û/	2.5	3.8	6.5	52.0	5.5	0.7	1.8	0.2	0.4	0.4	7.1	0.4	0.4	0.6	4.8	1.9	2.6	1.7	0.7	0.1	0.3	0.1	0.5	0.5	1.0	0.1	0.4	0.2	0.7	1.6	0.4
/Ô/	0.3	2.4	0.3	13.8	47.9	2.9	0.2	0.0	3.8	5.2	7.5	3.0	0.0	0.0	1.7	3.2	1.7	2.5	0.3	0.0	0.0	0.1	1.6	0.2	0.3	0.0	0.0	0.0	0.6	0.5	0.1
/u/	1.0	0.5	0.2	19.7	9.1	36.3	2.3	0.8	0.3	2.6	1.2	3.6	0.1	0.2	3.1	0.8	5.4	4.1	0.6	0.3	0.9	0.2	0.5	0.2	0.4	0.1	0.1	0.0	3.1	2.0	0.2
/y/	0.6	0.0	6.4	14.6	0.1	0.5	38.6	3.0	0.0	0.3	0.6	0.1	3.7	1.6	10.0	0.1	5.2	3.7	2.4	0.0	0.0	0.3	0.4	1.5	0.7	0.0	0.0	0.0	0.8	3.0	1.7
/i/	1.8	0.1	19.0	5.6	0.3	0.4	7.2	34.6	0.0	0.5	0.5	0.2	0.4	2.0	9.2	0.3	6.6	0.9	4.1	0.1	0.5	0.1	0.5	0.8	0.4	0.0	0.4	0.0	0.3	2.5	0.7
/ã/	0.4	14.6	1.6	5.4	6.4	0.6	0.2	0.1	13.5	2.3	32.6	0.5	0.1	0.1	3.4	2.7	7.5	2.0	1.4	0.3	0.4	0.1	0.3	1.2	0.8	0.1	0.1	0.0	0.4	0.6	0.5
/ɔ̃/	0.3	2.0	0.2	11.5	15.7	2.6	0.2	0.0	13.0	14.6	10.8	1.4	0.1	0.2	2.3	1.4	6.3	6.7	0.9	0.1	0.5	0.5	1.0	3.1	1.6	0.1	0.3	0.0	0.4	2.0	0.1
/µ/	1.1	5.4	19.0	8.7	0.6	0.0	0.5	0.4	0.1	1.4	45.8	0.2	0.0	0.4	2.0	0.8	6.1	2.8	1.0	0.0	0.2	0.2	0.5	0.5	1.0	0.0	0.0	0.0	0.3	0.8	0.0
/w/	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan
/ɥ/	18.2	0.0	0.0	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	0.0	9.1	0.0	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
/j/	0.1	0.7	21.5	7.9	0.2	0.1	6.0	8.3	0.0	0.1	3.2	0.2	1.5	29.2	5.4	1.0	1.2	0.4	2.3	0.0	0.2	0.4	0.0	0.1	0.1	0.1	3.4	1.0	0.8	3.0	1.5
/l/	1.2	2.2	6.4	15.0	0.9	0.7	4.2	1.8	0.1	0.2	2.1	0.8	1.0	3.2	41.2	0.9	5.2	2.3	1.8	0.0	0.2	0.3	0.3	1.7	0.8	0.1	0.3	0.3	1.0	2.9	1.0
/ʁ/	4.6	4.9	3.3	9.3	3.1	0.3	0.5	0.4	1.9	0.8	11.0	0.8	0.3	0.3	1.8	44.8	1.2	0.9	0.4	0.3	0.8	0.9	0.3	0.7	1.0	0.2	0.7	0.1	1.3	3.0	0.4
/n/	0.4	0.7	2.4	7.7	1.4	0.6	1.9	1.3	0.1	0.8	2.4	0.4	0.9	0.8	8.8	0.4	46.4	11.6	7.1	0.0	0.1	0.0	0.6	1.2	0.7	0.0	0.0	0.0	0.2	0.9	0.1
/m/	0.6	1.3	1.6	4.1	0.6	0.3	0.7	0.1	0.2	0.6	2.3	0.6	0.7	0.1	4.2	0.5	12.1	64.7	0.3	0.1	0.1	0.0	1.8	0.7	0.5	0.2	0.1	0.0	0.5	0.4	0.0
/ɲ/	0.3	1.8	1.3	6.7	0.5	0.1	1.9	2.4	0.0	0.4	6.9	0.7	0.1	0.8	6.8	0.9	18.3	2.4	41.7	0.0	0.3	0.1	0.2	1.7	2.6	0.0	0.0	0.0	0.0	0.6	0.3
/p/	6.9	1.6	1.7	2.7	0.3	0.5	0.4	0.1	0.2	0.1	3.5	0.4	0.3	0.1	1.4	1.2	1.3	1.3	0.3	47.8	9.7	2.5	2.7	1.2	0.6	2.4	1.0	0.1	3.2	4.5	0.2
/t/	7.8	0.8	2.2	2.2	0.3	0.7	0.4	0.6	0.1	0.1	2.4	0.1	0.1	1.0	3.0	0.9	2.3	0.7	0.5	2.6	42.2	6.7	0.3	4.0	1.1	0.6	6.1	0.3	0.8	7.9	1.0
/k/	7.6	1.8	2.0	1.2	0.9	0.1	0.5	0.2	0.2	0.1	3.5	0.7	0.1	1.1	3.2	7.3	0.7	0.2	0.3	1.1	5.2	41.7	0.0	0.3	2.4	1.4	6.7	1.2	0.5	7.3	0.6
/b/	0.9	0.3	1.2	3.4	2.0	0.2	0.3	0.2	0.0	0.1	0.8	0.6	0.5	0.0	1.4	0.5	4.9	18.4	0.1	0.9	0.3	0.2	51.4	3.9	1.1	0.2	0.1	0.0	3.8	2.3	0.0
/d/	0.8	1.0	2.5	5.7	0.5	0.3	0.9	0.5	0.3	0.3	2.0	0.2	0.7	1.9	9.6	1.1	12.2	2.9	2.6	0.2	1.4	0.3	3.0	35.2	4.4	0.0	0.5	0.0	1.8	6.1	1.1
/g/	1.0	0.8	4.0	8.0	1.1	0.6	1.8	0.4	0.2	0.2	2.0	0.4	0.7	3.5	3.6	5.6	5.2	1.4	0.6	0.1	0.2	0.6	1.5	4.8	44.7	0.0	0.1	0.0	2.3	4.0	0.6
/f/	4.6	1.9	0.4	2.9	0.4	0.0	0.0	0.0	0.3	0.0	5.7	0.7	0.1	0.0	0.4	2.1	1.8	0.3	0.1	1.0	3.6	1.3	0.1	0.6	0.4	29.6	25.1	0.1	7.9	8.8	0.1
/s/	8.2	0.6	2.1	1.7	0.5	0.1	0.4	0.4	0.1	0.1	1.6	0.2	0.1	1.4	1.1	0.5	0.3	0.1	0.1	0.0	1.7	1.5	0.0	0.2	0.1	2.3	60.9	3.0	0.6	9.2	0.9
/ʃ/	2.4	0.4	3.6	0.7	0.2	0.1	0.9	0.9	0.0	0.1	0.5	0.1	0.5	5.2	1.6	0.0	0.3	0.0	0.0	0.0	0.4	1.4	0.0	0.0	0.0	1.1	25.7	41.1	0.5	7.5	4.6
/v/	2.2	1.3	2.8	9.9	0.4	1.5	0.4	0.2	0.2	0.1	2.2	1.4	1.5	0.3	3.7	2.6	3.5	4.3	0.4	0.2	0.4	0.1	3.2	2.3	1.3	0.8	0.9	0.2	42.8	8.6	0.4
/z/	8.8	0.0	1.9	5.2	0.0	0.1	1.4	1.0	0.5	0.0	3.6	1.0	0.3	0.5	1.0	2.5	1.4	1.9	0.5	0.0	0.9	1.4	1.4	0.0	1.4	0.4	15.1	3.4	1.3	40.2	2.9
/ʒ/	0.5	1.2	4.6	5.3	0.5	0.2	2.1	1.4	0.1	0.1	4.4	0.0	0.9	2.8	2.1	0.6	0.7	0.4	0.3	0.0	0.0	0.0	0.0	0.2	0.7	0.1	0.7	1.7	4.7	23.4	40.2