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/	11.2	51.3	14.5	3.8	0.1	0.0	0.0	0.0	0.4	0.0	5.5	0.0	0.0	0.0	0.1	6.4	0.0	0.0	0.0	1.0	3.8	0.4	0.0	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.7
/Ê/	6.9	2.1	67.7	8.8	0.2	0.0	0.6	1.6	0.0	0.0	0.5	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.2	4.2	2.7	0.0	1.6	0.3	0.0	0.1	0.0	0.0	0.0	1.8
/Û/	50.0	0.0	0.0	33.3	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	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
/Ô/	19.9	2.5	9.1	19.1	16.7	1.8	0.1	0.3	1.1	0.1	1.0	0.7	0.0	0.0	0.7	9.1	0.0	0.0	0.0	1.1	5.8	2.1	0.3	2.1	0.3	0.0	0.0	0.4	0.0	0.0	5.6
/u/	33.5	0.3	8.6	11.0	7.3	4.9	0.3	0.7	0.1	0.0	0.3	0.4	0.0	0.0	1.2	3.1	0.0	0.0	0.0	0.8	5.3	2.7	0.3	6.0	0.7	0.0	0.0	0.6	0.1	0.0	11.6
/y/	17.8	0.1	33.2	8.3	0.3	0.2	8.6	2.8	0.0	0.0	0.0	0.0	0.5	0.0	0.9	0.1	0.1	0.0	0.0	0.5	6.1	7.1	0.0	5.9	1.0	0.0	0.0	0.2	0.0	0.0	6.1
/i/	16.5	0.1	41.0	2.3	0.0	0.1	1.2	15.9	0.0	0.0	0.0	0.0	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.3	6.9	7.7	0.0	4.0	0.4	0.0	0.0	0.1	0.0	0.0	2.9
/ã/	19.9	27.2	7.3	7.8	2.5	0.4	0.0	0.0	6.6	0.1	8.2	0.0	0.0	0.0	0.2	9.6	0.1	0.0	0.0	0.6	2.3	1.0	0.1	1.4	0.1	0.0	0.0	0.3	0.0	0.0	4.3
/ɔ̃/	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
/µ/	20.8	10.4	41.1	4.5	0.1	0.1	0.2	0.2	0.2	0.0	7.3	0.0	0.0	0.0	0.3	1.5	0.1	0.0	0.0	0.5	3.5	2.6	0.0	3.2	0.3	0.0	0.0	0.1	0.0	0.0	2.9
/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/	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
/j/	13.4	0.8	47.5	2.5	0.2	0.2	2.5	15.5	0.0	0.0	0.0	0.0	0.1	0.0	0.7	0.1	0.1	0.0	0.0	0.3	2.5	4.9	0.0	4.5	1.2	0.0	0.0	0.0	0.0	0.0	2.9
/l/	22.1	1.6	31.3	10.2	0.6	0.4	1.3	2.2	0.0	0.0	0.6	0.0	0.1	0.0	2.8	0.5	0.5	0.1	0.0	0.7	7.0	3.1	0.0	5.7	0.5	0.0	0.0	0.2	0.0	0.0	8.4
/ʁ/	24.8	7.4	9.9	7.2	2.5	1.0	0.1	0.1	0.9	0.0	1.5	0.1	0.0	0.0	0.3	15.3	0.0	0.0	0.0	2.0	17.9	3.4	0.1	1.6	0.1	0.0	0.0	0.5	0.0	0.0	3.4
/n/	38.1	1.3	19.5	3.9	0.4	0.2	1.3	2.8	0.1	0.0	0.8	0.0	0.0	0.0	0.8	0.3	1.0	0.1	0.0	0.0	1.6	3.0	0.1	16.8	1.4	0.0	0.0	0.1	0.0	0.0	6.2
/m/	45.9	1.2	10.7	3.8	0.7	0.4	0.4	0.7	0.3	0.0	0.2	0.0	0.0	0.0	0.6	1.1	2.2	1.1	0.0	0.3	0.9	3.9	0.2	15.9	1.4	0.0	0.0	0.4	0.0	0.0	7.9
/ɲ/	33.0	0.6	28.7	2.0	0.1	0.2	1.7	8.7	0.0	0.0	0.3	0.1	0.0	0.0	0.8	0.0	0.8	0.0	0.0	0.1	0.9	4.5	0.0	11.7	1.6	0.0	0.0	0.1	0.0	0.0	4.3
/p/	54.0	1.2	4.2	1.8	0.1	0.4	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.3	1.1	0.0	0.0	0.0	4.4	20.4	3.4	0.1	1.3	0.1	0.0	0.1	0.8	0.0	0.0	5.7
/t/	42.5	0.4	2.2	0.8	0.0	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	1.6	35.3	7.7	0.0	1.3	0.0	0.0	0.5	0.8	0.0	0.1	5.4
/k/	33.1	0.2	3.0	0.6	0.1	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.0	0.0	0.0	0.0	2.5	32.6	16.5	0.0	1.0	0.1	0.0	0.3	1.0	0.0	0.1	5.2
/b/	54.4	1.3	6.6	3.4	1.0	0.3	0.2	0.4	0.1	0.0	0.1	0.0	0.1	0.0	0.8	0.9	0.4	0.2	0.0	0.8	1.7	2.0	0.6	15.5	1.2	0.0	0.0	0.4	0.0	0.0	7.6
/d/	44.6	0.2	11.7	2.9	0.0	0.3	0.3	2.3	0.0	0.0	0.1	0.0	0.0	0.0	0.6	0.3	0.3	0.0	0.0	0.4	5.5	2.8	0.1	18.8	0.5	0.0	0.2	0.2	0.0	0.1	8.0
/g/	37.1	0.4	15.1	3.6	0.7	0.4	0.4	1.3	0.1	0.0	0.3	0.0	0.1	0.0	1.0	1.2	0.1	0.0	0.0	0.4	5.1	7.9	0.0	13.4	2.1	0.0	0.1	0.3	0.0	0.1	8.7
/f/	25.2	0.4	1.8	1.3	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.4	0.0	0.0	0.0	1.6	58.4	2.0	0.0	0.4	0.0	0.1	0.2	1.8	0.0	0.0	4.4
/s/	11.1	0.2	1.6	0.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.0	2.1	66.5	9.0	0.0	0.4	0.0	0.0	1.9	3.1	0.0	0.1	2.6
/ʃ/	11.6	0.7	2.2	0.8	0.1	0.1	0.5	0.2	0.0	0.0	0.1	0.0	0.4	0.0	0.1	0.5	0.0	0.0	0.0	4.6	53.0	18.1	0.0	0.2	0.0	0.0	0.5	3.1	0.0	0.0	3.2
/v/	45.1	1.3	9.7	5.4	0.9	2.2	0.5	1.2	0.1	0.0	0.2	0.0	0.0	0.0	0.7	1.6	0.0	0.0	0.0	1.3	5.7	1.2	0.2	6.9	0.4	0.1	0.2	0.9	0.4	0.1	13.7
/z/	25.2	0.7	14.8	3.3	0.1	0.1	0.5	5.8	0.0	0.0	0.2	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.7	17.7	6.0	0.0	7.7	0.4	0.0	0.9	1.1	0.0	1.1	12.3
/ʒ/	20.6	0.5	21.5	4.6	0.2	0.2	1.7	5.8	0.0	0.0	0.2	0.0	0.3	0.1	0.5	0.4	0.0	0.0	0.0	1.4	12.0	8.0	0.2	4.3	1.0	0.1	0.2	0.9	0.1	0.2	15.1