Ground truth \ Predicted	/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/	0.0	1.3	5.3	2.6	1.3	2.6	2.6	3.9	3.9	2.6	3.9	1.3	1.3	1.3	5.3	5.3	2.6	3.9	1.3	7.9	5.3	2.6	1.3	6.6	1.3	2.6	2.6	1.3	7.9	1.3	6.6
/a/	0.1	33.6	10.4	5.1	3.0	0.7	0.4	0.8	4.9	1.0	4.7	1.7	0.8	1.0	4.1	8.5	1.0	0.9	1.2	1.2	1.7	1.2	1.1	1.7	1.9	0.8	1.0	1.4	1.0	1.1	1.6
/Ê/	0.1	9.1	26.5	7.7	2.3	0.9	1.6	3.2	2.8	1.3	2.6	2.1	0.9	2.4	7.4	3.8	1.4	1.4	1.2	1.2	1.9	2.1	1.6	2.5	2.7	1.2	1.6	1.3	1.3	1.4	2.4
/Û/	0.1	6.1	10.1	19.9	4.6	0.9	1.3	1.4	4.7	1.3	2.8	2.8	0.8	1.1	8.2	7.2	1.5	2.0	1.5	0.7	1.6	1.6	1.7	2.4	2.1	1.1	2.0	1.6	2.2	1.8	3.1
/Ô/	0.0	7.3	6.2	14.4	9.6	2.1	1.1	1.5	7.0	3.0	3.0	3.2	0.7	1.5	4.6	11.3	1.6	1.4	1.3	1.0	1.5	1.7	1.6	2.1	2.7	0.8	1.1	1.6	1.7	1.2	2.1
/u/	0.1	2.9	5.2	6.5	4.5	4.7	1.6	2.5	3.9	3.0	2.2	3.5	1.2	1.6	6.0	7.5	3.5	2.9	1.9	2.0	3.8	3.2	3.2	4.8	3.9	1.8	2.6	1.9	2.9	2.0	3.1
/y/	0.0	2.0	8.4	6.7	2.0	1.6	7.0	6.3	2.2	1.4	1.9	2.4	2.1	3.6	12.6	4.3	1.6	1.9	1.3	1.7	2.2	3.1	2.2	2.7	3.7	1.4	2.0	2.5	2.3	2.5	4.6
/i/	0.0	3.4	10.0	4.0	1.7	1.4	2.5	15.2	2.0	0.8	2.0	2.4	1.2	4.1	9.7	2.9	1.8	2.1	2.1	1.9	2.5	3.6	1.8	3.9	3.0	1.6	2.6	2.0	2.1	3.1	2.8
/ã/	0.1	4.9	3.7	4.5	2.9	1.0	0.6	1.5	19.9	3.6	4.1	2.4	0.8	1.7	4.2	14.7	2.1	1.7	1.0	1.1	2.8	2.4	1.4	2.9	2.4	1.5	2.1	1.9	1.8	2.0	2.2
/ɔ̃/	0.1	4.1	6.2	6.9	3.6	1.7	0.8	2.0	10.3	7.6	3.8	2.9	1.2	1.5	4.3	9.4	2.7	2.6	1.2	1.5	2.4	2.0	2.0	3.6	3.0	1.6	3.0	2.1	1.7	1.5	2.8
/µ/	0.0	13.8	8.3	7.1	3.0	1.0	0.8	0.9	6.8	1.8	11.6	1.8	0.7	1.6	5.0	9.8	2.0	1.5	1.3	1.0	1.9	1.6	1.7	2.9	1.6	1.4	1.5	2.5	1.4	1.6	2.2
/w/	0.2	7.0	6.9	6.6	5.0	2.9	1.1	2.2	6.7	4.0	2.6	6.4	1.4	1.7	3.4	10.5	2.2	1.6	1.3	1.8	2.8	2.7	2.5	3.1	3.3	0.9	1.5	1.9	2.0	1.5	2.3
/ɥ/	0.3	2.2	6.1	3.8	1.8	1.5	4.8	4.3	2.5	1.4	1.7	1.8	2.7	3.3	14.2	3.7	2.2	2.4	1.9	2.6	2.9	4.6	2.8	3.7	3.8	2.1	2.8	3.0	2.9	2.1	4.3
/j/	0.0	3.8	11.2	4.0	1.6	1.4	2.4	9.5	2.6	1.5	1.8	2.7	1.0	6.1	9.0	4.5	1.3	1.4	2.4	1.9	3.0	3.1	1.7	2.8	2.9	1.0	3.2	2.9	2.2	2.5	4.4
/l/	0.1	5.4	6.5	7.8	2.5	1.5	1.9	2.8	2.4	1.3	2.2	2.1	1.3	1.5	24.1	4.2	2.5	2.0	1.3	1.7	2.5	2.3	1.9	3.2	2.8	0.9	2.3	2.0	2.0	2.2	3.0
/ʁ/	0.1	4.9	5.8	4.1	2.7	2.0	0.9	2.2	5.4	1.8	2.5	1.8	1.3	1.8	5.8	23.5	1.9	1.8	1.1	1.6	3.2	3.6	1.9	2.9	3.2	1.6	1.9	1.7	2.5	1.9	2.4
/n/	0.2	3.4	6.7	6.7	2.4	1.7	1.2	3.1	3.3	2.2	3.3	2.0	1.2	0.8	8.5	3.0	10.3	4.5	2.6	1.8	2.6	2.2	3.1	6.4	3.1	1.5	3.1	2.4	2.5	1.8	2.4
/m/	0.2	3.1	5.4	6.0	2.6	1.9	1.1	2.3	3.5	2.4	3.0	2.1	1.4	1.8	7.2	2.9	5.9	9.9	2.6	2.4	2.8	2.9	4.8	4.8	3.3	1.6	2.4	2.5	2.5	1.9	2.8
/ɲ/	0.2	3.5	10.0	5.4	2.3	1.7	1.4	5.2	2.9	2.3	2.7	1.8	1.3	2.6	8.1	2.3	6.8	4.7	4.6	1.6	2.8	2.6	2.6	5.0	4.2	1.5	2.2	2.1	2.4	1.2	2.6
/p/	0.3	2.5	7.3	4.2	2.1	2.0	2.0	3.1	3.5	1.4	2.4	2.6	1.7	2.4	4.9	5.5	2.7	2.9	2.0	6.5	5.6	4.2	4.9	6.0	2.6	1.8	2.1	2.1	3.5	2.4	2.8
/t/	0.4	3.3	7.0	4.0	2.0	1.8	1.3	3.5	3.4	1.6	2.5	2.3	2.1	2.3	3.9	5.3	2.8	2.8	2.2	4.5	9.0	4.3	3.2	6.1	2.4	2.0	3.2	2.0	3.5	2.4	3.0
/k/	0.4	3.2	7.0	3.2	2.4	1.5	2.1	3.3	3.0	1.0	2.3	3.1	1.3	1.7	6.8	5.4	2.4	2.6	1.8	4.0	5.8	8.1	2.7	4.9	5.8	1.4	3.0	2.2	2.8	2.5	2.4
/b/	0.3	3.5	6.0	4.7	1.8	1.6	1.6	2.0	3.5	1.4	1.6	1.6	1.3	1.4	7.2	4.6	2.8	3.6	1.5	4.1	3.6	2.0	9.9	9.6	4.8	1.3	2.6	1.3	3.6	1.9	3.2
/d/	0.1	3.1	6.2	4.0	2.6	1.3	1.2	2.2	3.4	1.6	2.4	1.5	1.5	1.4	7.6	4.2	3.6	2.7	2.1	3.3	6.0	3.2	5.8	11.7	4.7	1.4	2.3	1.5	2.6	1.9	2.8
/g/	0.3	3.7	7.0	3.9	2.3	1.4	1.0	2.4	3.1	1.2	2.3	2.1	1.2	1.5	8.7	4.8	2.2	2.4	1.9	3.2	4.5	6.4	4.6	8.1	7.6	1.3	2.0	1.5	2.6	2.0	3.1
/f/	0.2	2.9	4.8	3.2	1.7	1.7	2.2	3.2	2.2	0.8	2.2	2.7	2.4	3.1	5.6	6.3	2.0	2.5	1.6	3.6	5.5	3.5	1.8	3.5	1.9	7.5	4.5	2.8	7.4	3.4	3.4
/s/	0.1	1.8	3.5	2.1	0.9	1.0	0.9	3.8	2.4	0.5	1.3	1.6	1.7	3.9	3.6	4.9	1.4	0.9	1.4	2.2	9.9	3.1	1.0	4.3	2.2	2.7	18.7	2.7	3.2	8.6	3.7
/ʃ/	0.0	1.9	3.6	2.7	1.2	1.2	2.1	3.3	1.7	0.7	1.2	2.1	1.3	4.1	6.2	6.5	0.7	1.2	1.2	2.8	3.6	4.9	1.6	2.6	2.5	2.6	3.3	10.9	2.4	2.5	17.5
/v/	0.2	3.9	6.0	5.6	2.3	2.0	1.7	1.9	3.6	1.6	2.3	1.8	1.0	2.1	8.9	5.1	3.1	2.5	1.3	2.3	3.6	2.4	3.0	4.8	2.8	3.4	2.3	2.2	10.4	2.9	3.0
/z/	0.1	2.3	5.1	4.3	0.9	1.2	1.8	4.1	3.3	1.2	1.5	2.2	1.2	3.3	6.5	5.8	1.4	1.1	1.6	1.2	5.4	2.3	1.2	5.9	2.7	1.9	8.4	2.2	3.8	12.5	3.4
/ʒ/	0.1	3.3	5.9	5.0	1.6	1.4	2.0	3.9	1.7	0.8	1.6	1.9	1.3	2.5	11.3	7.5	1.3	1.3	1.3	1.6	2.2	3.6	2.4	2.5	2.6	1.5	2.6	4.6	2.3	2.1	15.8

Ground truth (rows) / **Predicted labels** (columns)