

# Ground truth

/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	nan
/a/	0.7	23.0	7.5	10.1	1.7	0.4	0.2	0.6	2.4	0.5	14.7	0.3	0.1	0.2	9.7	8.9	3.2	2.3	0.9	0.4	1.9	1.3	1.2	2.1	1.4	0.2	1.2	0.3	0.7	1.7	0.5	
/Ê/	0.7	8.7	20.5	13.4	1.5	0.5	0.9	2.5	0.9	0.4	9.5	0.3	0.1	0.7	13.4	3.0	3.6	2.0	1.2	0.4	2.1	2.0	1.3	2.5	2.7	0.2	1.3	0.3	0.6	2.1	0.7	
/Û/	0.6	7.4	8.9	21.3	3.1	0.9	0.6	0.9	1.5	0.6	9.2	0.4	0.1	0.3	15.6	5.4	4.1	3.1	0.9	0.5	2.0	1.2	1.6	2.8	1.6	0.3	1.3	0.2	0.8	2.1	0.7	
/Ô/	0.3	5.7	6.0	14.5	7.8	1.8	0.4	1.0	6.1	2.7	8.2	1.3	0.1	0.3	8.8	12.1	3.5	2.7	0.6	0.5	2.2	1.5	2.4	3.0	1.7	0.3	1.5	0.1	0.8	1.5	0.7	
/u/	0.6	2.9	4.8	12.4	3.2	3.7	1.0	1.5	1.4	1.2	5.8	1.1	0.1	0.4	14.6	4.8	8.7	6.6	1.5	1.1	3.2	1.9	3.1	5.7	2.6	0.3	1.5	0.2	1.4	2.2	0.5	
/y/	0.6	1.8	10.3	10.3	1.3	1.1	3.2	3.7	0.5	0.5	4.8	0.3	0.5	0.8	26.1	1.8	5.9	3.7	1.3	0.6	2.0	2.9	1.8	3.9	3.6	0.1	1.6	0.1	1.1	2.9	0.9	
/i/	0.5	2.9	12.0	9.5	1.3	1.0	1.3	11.4	0.6	0.4	6.0	0.3	0.2	1.5	16.2	2.6	4.7	3.1	2.3	0.6	2.9	2.6	2.0	3.6	3.6	0.2	1.7	0.3	0.8	3.1	0.8	
/ã/	0.6	11.1	5.4	11.1	2.8	0.8	0.3	0.8	6.1	1.5	12.9	0.3	0.1	0.3	10.0	11.3	4.8	2.9	1.1	0.5	1.9	1.3	1.7	3.4	1.8	0.3	1.3	0.2	0.7	2.0	0.6	
/ĩ/	0.6	4.4	5.7	11.7	3.1	1.5	0.4	0.8	3.8	1.6	8.4	0.8	0.1	0.4	11.8	8.0	7.3	5.7	0.8	1.3	3.2	1.6	2.2	5.7	2.4	0.5	1.8	0.3	0.9	2.0	1.2	
/µ/	0.6	11.8	13.5	12.5	1.7	0.7	0.6	1.1	1.6	0.6	12.7	0.3	0.1	0.4	12.5	5.5	4.1	2.8	0.7	0.6	2.4	1.3	1.5	3.0	2.0	0.2	1.3	0.2	0.6	2.3	0.7	
/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	nan
/ɥ/	9.1	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	0.0	18.2	0.0	9.1	0.0	0.0	0.0	9.1	0.0	0.0	0.0	9.1	0.0	9.1	0.0	0.0	9.1	0.0	
/j/	0.4	4.2	18.2	9.4	1.5	0.7	1.1	6.6	1.2	0.4	6.4	0.4	0.2	1.6	13.3	3.4	2.9	1.4	2.2	0.3	3.2	3.5	1.2	3.2	4.6	0.4	2.1	0.7	0.8	3.5	1.2	
/l/	0.4	4.2	9.6	14.4	1.7	1.0	1.3	2.8	0.8	0.5	6.3	0.4	0.1	0.7	23.8	3.6	5.4	3.1	1.4	0.5	2.5	1.6	1.9	3.7	2.0	0.2	1.7	0.2	0.8	2.6	0.9	
/ʁ/	0.9	6.0	5.5	7.8	2.1	1.2	0.5	1.3	2.6	0.9	9.0	0.5	0.2	0.4	10.9	15.8	4.0	3.1	1.0	1.1	4.9	3.3	1.7	4.2	2.8	0.5	1.9	0.3	1.1	3.6	0.8	
/n/	0.5	3.3	6.7	12.0	1.6	1.1	1.0	2.2	1.1	0.6	6.8	0.4	0.1	0.4	16.5	3.1	12.4	5.5	1.8	0.7	2.6	1.4	2.3	6.6	2.9	0.4	1.8	0.3	0.7	2.5	0.8	
/m/	0.5	3.7	5.5	10.7	1.8	1.2	0.6	1.2	1.2	0.7	6.6	0.5	0.1	0.2	15.8	4.2	11.5	10.5	1.3	0.9	2.5	1.7	3.3	5.4	2.3	0.2	1.9	0.2	1.0	2.0	0.8	
/ɲ/	0.5	4.8	7.1	9.2	1.4	1.8	0.5	2.9	1.1	0.6	8.1	0.4	0.2	0.6	14.8	3.5	10.2	5.4	2.6	0.6	2.9	2.0	2.3	5.8	2.5	0.1	2.0	0.2	1.4	3.5	0.9	
/p/	1.3	3.4	8.8	9.4	1.7	1.1	1.0	1.8	0.9	0.6	8.6	0.6	0.2	0.4	10.4	6.6	5.1	4.0	1.3	2.7	7.3	2.7	3.8	5.6	2.1	0.5	2.1	0.4	1.8	2.8	0.9	
/t/	1.0	3.0	6.8	8.0	1.4	1.0	0.9	2.3	1.1	0.5	8.0	0.5	0.3	0.9	10.3	7.4	5.0	3.2	1.5	1.9	9.0	2.7	2.4	6.6	2.0	0.8	3.7	0.4	1.7	4.8	1.1	
/k/	1.2	2.5	7.7	6.5	1.2	1.3	1.4	2.0	1.3	0.7	7.5	0.4	0.2	1.0	10.3	7.8	4.5	2.9	1.6	2.0	7.3	5.9	1.6	4.9	4.1	0.9	3.4	0.5	1.8	4.2	1.4	
/b/	0.7	2.3	4.0	7.3	1.7	1.6	0.5	1.7	1.1	0.5	5.7	0.6	0.1	0.4	15.9	5.1	7.3	8.1	1.2	1.9	3.4	1.9	7.4	9.6	3.3	0.3	1.5	0.0	1.6	2.5	0.5	
/d/	0.8	3.3	6.4	8.2	1.8	0.9	0.8	1.9	1.0	0.5	5.7	0.3	0.2	0.4	16.8	5.2	7.1	4.1	1.4	1.3	4.5	1.7	4.3	9.8	2.5	0.3	2.3	0.4	1.3	4.0	0.9	
/g/	0.1	3.5	7.5	7.8	1.7	1.2	1.4	2.6	1.0	0.8	6.5	0.5	0.4	0.6	16.9	5.6	6.3	2.9	1.1	1.0	3.6	4.0	2.6	5.8	7.1	0.3	2.0	0.2	1.3	2.8	0.8	
/f/	0.7	3.4	5.8	6.9	1.4	1.4	1.2	2.2	0.9	0.7	7.6	0.5	0.5	1.0	7.0	8.5	5.0	3.1	2.3	2.3	8.2	2.6	2.1	5.0	2.8	1.4	3.5	0.5	4.1	6.0	1.4	
/s/	0.7	2.2	4.5	4.8	0.7	0.8	1.1	3.1	0.7	0.4	6.2	0.7	0.4	1.9	5.9	6.7	2.4	1.7	1.8	0.9	13.0	2.7	1.1	5.3	1.4	1.0	12.3	0.9	1.8	9.8	2.9	
/ʃ/	0.6	2.2	6.3	3.6	0.6	0.8	2.1	4.9	0.4	0.1	4.4	0.3	0.3	2.8	8.4	6.0	1.6	1.3	1.7	1.6	9.2	5.3	0.9	3.9	2.2	0.9	6.5	2.3	0.8	6.6	11.3	
/v/	0.8	4.2	7.6	11.5	2.2	1.2	0.7	1.2	1.0	0.5	6.9	0.5	0.1	0.3	15.3	6.1	4.7	4.4	1.4	1.1	4.2	2.0	3.7	6.1	2.0	0.6	2.8	0.4	2.9	3.0	0.7	
/z/	0.6	1.9	4.0	8.6	0.8	0.6	0.8	5.0	1.0	0.1	8.2	0.0	0.1	1.5	12.6	5.9	4.5	2.6	2.1	1.2	8.0	3.1	1.8	4.2	2.4	0.6	4.1	0.6	1.7	9.4	1.7	
/ʒ/	0.4	2.8	8.2	6.9	1.1	1.1	1.4	3.4	0.8	0.2	5.7	0.3	0.1	1.2	18.8	5.2	3.5	1.9	1.5	0.9	4.2	3.2	1.3	4.4	2.2	0.2	3.1	0.8	2.1	7.7	5.4	
Predicted labels																																