

# 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		
/a/	1.4	58.4	1.8	1.5	1.5	0.1	0.1	0.1	0.8	0.1	18.2	0.2	0.0	0.0	1.3	2.3	3.5	2.2	1.1	0.8	1.0	0.1	0.1	0.2	0.1	0.0	0.8	0.1	1.7	0.1	0.1	
/Ê/	1.8	0.6	78.2	2.9	0.2	0.0	0.8	1.9	0.0	0.1	1.0	0.0	0.1	0.2	2.0	1.8	0.3	0.5	0.2	1.3	1.2	1.0	0.4	0.5	0.1	0.0	0.3	0.8	0.5	0.9	0.5	
/Û/	1.1	1.7	4.1	69.3	2.8	0.6	0.5	0.3	0.2	0.1	1.6	0.0	0.0	0.2	2.7	3.8	2.0	1.2	0.3	0.2	0.6	0.2	0.6	1.7	1.1	0.2	1.4	0.5	0.8	0.2	0.2	
/Ô/	1.9	1.0	0.1	0.3	75.7	7.9	0.0	0.0	1.3	0.7	0.9	1.4	0.0	0.0	1.1	1.9	1.0	1.5	0.0	0.0	0.0	0.5	2.1	0.0	0.3	0.0	0.3	0.0	0.0	0.2	0.0	
/u/	3.1	0.0	0.0	0.7	3.8	78.6	0.1	0.7	0.0	0.6	0.1	3.1	0.1	0.0	2.8	0.1	0.8	0.1	0.0	1.4	0.7	0.1	0.1	0.3	0.1	0.1	0.0	0.0	2.0	0.1	0.0	
/y/	0.8	0.4	0.2	0.4	0.0	0.4	87.8	0.0	0.0	0.0	0.0	0.0	1.6	0.6	3.3	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	
/i/	0.8	0.0	8.2	0.5	0.1	0.0	0.0	77.7	0.0	0.0	0.0	0.0	0.2	1.4	5.1	1.0	0.7	0.1	0.6	0.2	0.5	0.1	1.0	0.8	0.1	0.0	0.0	0.0	0.2	0.8	0.0	
/ã/	3.1	10.9	1.4	1.3	3.1	0.4	0.1	0.1	34.8	1.2	16.2	0.9	0.0	0.0	1.5	3.1	10.9	5.1	0.2	1.0	1.1	0.0	0.3	2.1	0.2	0.0	0.0	0.2	0.1	0.5	0.5	
/õ/	1.9	0.0	0.5	3.4	9.7	2.8	0.0	0.2	14.8	41.9	0.7	0.3	0.0	0.0	0.0	0.3	4.7	6.0	0.3	0.3	2.2	0.2	0.3	6.4	2.1	0.0	0.0	0.0	0.0	0.9	0.0	
/µ/	0.4	5.7	14.9	3.2	1.0	0.7	0.3	0.6	0.1	0.4	52.8	0.0	0.0	0.1	1.6	1.2	8.0	3.2	1.0	0.1	0.2	0.1	1.2	1.2	1.0	0.3	0.0	0.0	0.1	0.6	0.1	
/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	
/q/	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/	1.6	0.2	12.2	2.9	0.0	0.0	2.7	10.0	0.0	0.0	2.0	0.0	0.7	59.6	1.1	0.2	0.5	0.0	0.7	1.6	0.2	0.2	0.0	0.0	0.5	0.0	0.9	0.5	0.2	0.0	1.4	
/l/	1.9	2.7	3.9	4.0	0.2	1.4	0.9	2.4	0.4	0.1	0.7	0.2	0.2	0.2	76.4	0.2	1.0	0.6	0.1	0.1	0.2	0.4	0.2	0.6	0.2	0.0	0.2	0.0	0.2	0.6	0.0	
/ʁ/	3.6	1.7	3.4	5.5	0.9	0.2	0.0	0.9	1.2	0.6	1.5	0.2	0.1	0.2	0.2	72.4	0.2	0.6	0.1	0.5	0.7	0.8	0.2	1.6	0.2	0.0	0.6	0.2	0.7	0.7	0.0	
/n/	1.6	1.1	3.3	2.2	0.6	0.1	0.8	1.2	0.1	0.0	0.5	0.0	0.0	0.2	3.5	0.1	73.6	5.7	2.2	0.0	0.0	0.0	0.1	2.4	0.2	0.0	0.5	0.0	0.1	0.0	0.0	
/m/	1.1	1.0	3.0	2.2	0.6	0.0	0.2	0.2	0.5	0.4	0.7	0.1	0.2	0.0	1.3	0.2	1.7	83.8	0.0	0.0	0.0	0.0	1.0	0.2	0.0	0.6	0.1	0.0	1.0	0.2	0.0	
/ɲ/	0.0	0.0	0.0	0.8	0.0	0.0	0.3	3.9	0.0	0.0	2.8	0.0	0.0	0.6	1.9	0.0	3.9	0.6	80.9	0.0	0.0	0.6	1.9	0.6	1.1	0.0	0.0	0.0	0.0	0.3	0.0	
/p/	5.7	2.0	2.2	1.5	0.1	0.5	0.0	0.0	1.1	0.0	1.4	0.0	0.0	0.0	0.0	1.0	0.0	0.1	0.0	74.4	2.9	1.2	2.8	2.0	0.2	0.1	0.0	0.0	0.4	0.5	0.0	
/t/	3.8	0.7	3.2	1.6	0.4	1.7	0.0	0.5	0.2	0.0	1.0	0.0	0.0	0.1	0.3	0.6	1.1	0.3	0.0	2.0	73.2	1.8	0.3	5.4	0.1	0.1	0.4	0.0	0.0	1.5	0.0	
/k/	2.5	3.0	2.5	0.1	1.7	0.0	0.0	0.1	0.0	0.1	0.9	0.1	0.0	0.0	1.1	1.4	0.0	0.0	0.0	0.1	2.1	76.8	0.0	0.2	3.5	0.0	2.4	0.0	0.0	1.5	0.0	
/b/	0.1	0.9	1.9	0.4	2.8	0.4	0.0	0.4	0.0	0.0	0.3	0.0	0.6	0.4	0.1	0.1	0.6	5.6	0.0	1.0	0.0	0.0	83.5	0.1	0.0	0.0	0.0	0.0	0.4	0.0	0.0	
/d/	2.2	0.8	3.8	4.1	0.1	0.1	0.9	0.2	0.7	0.0	0.5	0.0	0.4	0.2	0.8	0.7	6.5	0.8	0.2	0.0	0.6	0.0	1.1	74.2	0.2	0.0	0.0	0.0	0.4	0.6	0.0	
/g/	0.0	1.3	3.9	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.4	0.0	3.0	0.0	1.3	0.0	0.0	0.0	3.5	0.4	0.7	82.2	0.0	0.0	0.0	0.4	0.4	0.0	
/f/	0.0	2.8	2.8	0.0	0.4	0.0	0.0	0.0	0.0	0.0	6.4	0.4	0.0	0.0	0.0	0.7	0.4	0.0	0.0	1.1	0.0	0.4	0.0	0.0	0.0	57.4	17.0	0.0	6.0	4.3	0.0	
/s/	1.2	0.8	2.8	1.0	0.3	0.2	0.5	0.4	0.3	0.4	0.4	0.0	0.2	2.2	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.4	0.0	0.1	83.7	0.7	0.2	2.6	0.5	
/ʃ/	0.2	1.4	2.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	3.3	0.0	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	6.8	80.4	0.0	1.0	2.9		
/v/	1.7	0.1	4.3	3.0	0.6	2.3	0.8	0.0	0.0	0.0	0.5	0.7	0.0	0.0	0.5	3.6	0.5	1.4	0.2	0.1	0.4	0.0	1.7	0.1	0.4	0.7	0.1	0.5	72.1	3.8	0.0	
/z/	0.0	0.0	1.4	0.0	0.7	0.0	3.6	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	0.0	0.0	0.0	0.0	0.0	2.9	0.0	91.3	0.0
/ʒ/	1.9	1.0	2.8	0.7	1.2	0.3	2.6	0.4	0.0	0.0	2.6	0.0	0.0	1.2	0.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	78.4
Predicted labels																																