

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	62.7	1.4	1.0	0.7	0.0	0.1	0.1	0.9	0.0	14.4	0.5	0.0	0.0	1.6	2.0	3.7	2.7	1.6	0.8	0.8	0.2	0.3	0.1	0.0	0.1	0.7	0.1	1.9	0.0	0.1	
/Ê/	1.8	0.9	77.3	2.8	0.1	0.1	0.7	2.1	0.0	0.1	0.6	0.0	0.1	0.3	2.0	1.5	0.4	0.8	0.1	1.3	1.0	1.1	0.2	0.7	0.1	0.1	0.5	1.0	0.8	0.9	0.8	
/Û/	0.9	1.2	4.0	71.4	2.1	0.5	0.7	0.3	0.1	0.1	1.4	0.0	0.0	0.2	3.0	2.7	2.1	1.1	0.2	0.2	0.5	0.3	0.6	1.6	1.4	0.2	1.1	0.5	1.3	0.1	0.1	
/Ô/	1.9	1.3	0.0	0.1	75.3	5.4	0.0	0.0	1.1	2.5	0.7	3.0	0.0	0.0	1.0	1.1	1.5	2.4	0.0	0.2	0.0	0.7	1.2	0.0	0.2	0.0	0.4	0.0	0.0	0.2	0.0	
/u/	3.0	0.0	0.0	0.7	3.3	80.9	0.0	0.1	0.0	0.1	0.1	3.7	0.1	0.0	2.6	0.1	0.3	0.0	0.0	1.6	0.6	0.1	0.1	0.4	0.0	0.2	0.0	0.0	1.9	0.2	0.0	
/y/	0.8	0.0	0.4	0.4	0.0	0.0	85.2	0.0	0.0	0.0	0.0	0.0	4.1	0.4	2.9	1.4	0.2	0.6	0.0	0.0	0.2	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.8	0.0	
/i/	0.9	0.0	7.4	0.8	0.2	0.0	0.1	77.9	0.1	0.0	0.0	0.0	0.2	1.0	5.3	0.6	1.1	0.1	0.7	0.1	0.7	0.0	1.4	0.3	0.1	0.0	0.0	0.0	1.0	0.0		
/ã/	2.9	9.9	1.0	0.9	1.9	0.1	0.1	0.0	40.3	2.0	14.3	1.2	0.0	0.0	1.6	2.5	11.7	3.5	0.1	0.7	1.1	0.0	0.4	2.5	0.1	0.0	0.2	0.1	0.1	0.1	0.8	
/õ/	1.2	0.0	0.5	2.8	7.9	1.4	0.0	0.2	14.7	46.9	0.2	0.2	0.0	0.0	0.0	0.5	4.3	5.0	0.0	0.3	2.8	0.2	1.2	7.1	1.2	0.0	0.2	0.0	0.0	1.4	0.0	
/µ/	0.4	5.7	15.9	2.1	1.0	0.7	0.1	0.0	0.0	1.0	55.4	0.0	0.0	0.4	1.2	0.8	7.0	2.3	1.3	0.1	0.7	0.0	1.4	1.0	1.1	0.3	0.0	0.0	0.0	0.2	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	
/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/	2.0	0.2	11.3	2.7	0.0	0.0	2.5	8.2	0.0	0.0	0.9	0.0	0.5	65.1	0.0	0.0	0.2	1.4	0.0	1.6	0.0	0.5	0.0	0.0	0.2	0.0	1.4	0.0	0.0	0.0	1.4	
/l/	1.9	2.5	3.2	3.1	0.1	1.1	0.8	2.0	0.3	0.1	0.6	0.3	0.1	0.2	79.9	0.2	1.3	0.3	0.0	0.1	0.2	0.3	0.2	0.7	0.1	0.0	0.1	0.0	0.2	0.0		
/ʁ/	4.0	1.5	3.5	5.9	0.8	0.2	0.0	0.8	0.9	0.7	1.3	0.2	0.2	0.3	0.2	71.6	0.3	0.7	0.1	0.8	1.0	1.0	0.2	1.7	0.4	0.1	0.2	0.2	0.7	0.5	0.0	
/n/	1.6	0.7	2.6	1.6	0.7	0.3	0.6	1.6	0.0	0.0	0.3	0.0	0.2	0.1	2.3	0.0	75.5	5.3	2.6	0.0	0.1	0.0	0.5	2.8	0.0	0.0	0.5	0.0	0.0	0.2	0.0	
/m/	1.1	0.6	2.5	1.3	0.1	0.0	0.2	0.5	0.6	0.6	0.7	0.0	0.1	0.0	1.1	0.1	2.2	85.9	0.0	0.1	0.0	0.0	1.0	0.0	0.0	0.5	0.0	0.0	0.7	0.2	0.0	
/ɲ/	0.0	0.0	0.8	2.8	0.0	0.0	0.0	2.8	0.0	0.0	1.9	0.0	0.0	0.3	0.3	0.0	5.5	0.0	82.0	0.0	0.0	0.6	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0	
/p/	5.8	1.9	2.2	1.7	0.0	0.2	0.0	0.0	0.9	0.0	1.2	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.0	78.8	1.2	0.5	3.6	0.9	0.1	0.0	0.0	0.0	0.4	0.2	0.0	
/t/	3.5	0.6	3.1	1.6	0.2	1.8	0.0	0.6	0.2	0.0	0.6	0.0	0.0	0.0	0.2	0.4	0.6	0.3	0.0	1.3	75.5	1.4	0.2	6.0	0.1	0.1	0.3	0.0	0.0	1.2	0.0	
/k/	2.4	2.9	2.2	0.1	1.2	0.0	0.0	0.0	0.3	0.3	1.2	0.0	0.0	0.0	1.8	0.3	0.0	0.0	0.0	0.0	1.5	78.2	0.0	0.1	3.6	0.0	2.5	0.0	0.1	1.3	0.0	
/b/	0.9	0.9	2.1	1.0	2.2	0.3	0.1	0.0	0.0	0.0	0.7	0.0	0.0	0.3	0.0	0.1	0.6	4.7	0.0	0.1	0.0	0.1	84.8	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	
/d/	2.1	0.8	3.1	4.1	0.0	0.2	0.9	0.2	0.9	0.0	0.6	0.1	0.7	0.0	0.7	0.2	5.9	0.4	0.4	0.0	0.7	0.0	1.1	75.9	0.1	0.0	0.1	0.0	0.1	0.8	0.0	
/g/	0.0	2.4	2.6	1.5	0.0	0.0	1.5	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	3.0	0.0	1.5	0.0	0.0	0.0	2.6	0.0	0.2	83.5	0.0	0.0	0.0	0.4	0.0	0.0	
/f/	0.0	2.5	3.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	5.0	1.1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	63.5	16.3	0.0	4.3	2.1	0.0		
/s/	1.6	0.8	2.2	1.2	0.3	0.2	0.3	0.2	0.2	0.3	0.5	0.0	0.1	1.7	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.1	0.0	0.1	85.6	0.5	0.3	1.9	0.5	
/ʃ/	0.0	1.6	1.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	6.2	84.3	0.0	0.6	1.0		
/v/	1.3	0.0	3.5	3.6	0.0	1.9	0.8	0.0	0.0	0.0	0.1	1.2	0.2	0.0	0.7	2.6	0.1	0.7	0.5	0.0	0.2	0.0	0.4	0.1	0.4	0.8	0.0	0.6	77.9	2.4	0.0	
/z/	0.0	0.0	0.7	0.0	0.7	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	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	3.6	0.0	89.1	0.0
/ʒ/	1.9	1.3	1.5	0.4	1.2	0.3	1.5	0.6	0.0	0.0	2.3	0.0	0.1	0.9	0.0	0.0	0.7	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	5.0	0.1	1.0	80.7	0.0	

Predicted labels