

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 |
|------------------|-----|------|------|------|------|------|------|------|------|------|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| /a/ | 1.4 | 61.6 | 1.3 | 1.5 | 1.4 | 0.0 | 0.1 | 0.1 | 0.4 | 0.0 | 14.9 | 0.3 | 0.0 | 0.0 | 1.5 | 2.2 | 3.9 | 2.6 | 1.4 | 0.7 | 1.0 | 0.3 | 0.2 | 0.0 | 0.1 | 0.0 | 0.5 | 0.1 | 2.2 | 0.0 | 0.1 |
| /Ê/ | 1.7 | 1.0 | 77.0 | 3.0 | 0.1 | 0.1 | 1.0 | 2.5 | 0.0 | 0.1 | 0.8 | 0.0 | 0.1 | 0.1 | 2.2 | 1.6 | 0.4 | 0.7 | 0.1 | 1.3 | 1.1 | 1.0 | 0.3 | 0.5 | 0.1 | 0.0 | 0.4 | 0.9 | 0.5 | 0.8 | 0.6 |
| /Û/ | 1.1 | 2.1 | 3.8 | 70.3 | 2.4 | 0.5 | 0.5 | 0.3 | 0.1 | 0.1 | 1.3 | 0.0 | 0.0 | 0.2 | 2.6 | 3.2 | 2.1 | 1.4 | 0.3 | 0.3 | 0.6 | 0.3 | 0.6 | 1.5 | 1.3 | 0.2 | 1.1 | 0.4 | 1.0 | 0.2 | 0.1 |
| /Ô/ | 1.9 | 1.2 | 0.2 | 0.0 | 73.0 | 7.7 | 0.0 | 0.0 | 0.9 | 1.5 | 1.0 | 3.6 | 0.0 | 0.0 | 1.0 | 1.5 | 1.3 | 2.7 | 0.0 | 0.2 | 0.0 | 0.5 | 1.1 | 0.0 | 0.2 | 0.0 | 0.4 | 0.0 | 0.0 | 0.1 | 0.0 |
| /u/ | 2.9 | 0.0 | 0.0 | 0.7 | 6.0 | 75.4 | 0.2 | 0.4 | 0.0 | 0.3 | 0.0 | 4.3 | 0.1 | 0.0 | 2.8 | 0.1 | 0.6 | 0.1 | 0.1 | 1.6 | 1.0 | 0.1 | 0.2 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 2.1 | 0.5 | 0.0 |
| /y/ | 0.8 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 85.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 | 0.0 | 3.3 | 1.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 |
| /i/ | 0.8 | 0.0 | 6.8 | 0.2 | 0.2 | 0.0 | 0.1 | 78.7 | 0.1 | 0.0 | 0.1 | 0.0 | 0.3 | 0.8 | 5.8 | 0.8 | 1.1 | 0.1 | 0.6 | 0.1 | 0.5 | 0.0 | 1.1 | 1.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.6 | 0.0 |
| /ã/ | 3.2 | 10.1 | 1.3 | 0.5 | 2.7 | 0.6 | 0.1 | 0.0 | 35.3 | 2.5 | 16.1 | 1.4 | 0.0 | 0.1 | 1.4 | 2.9 | 13.1 | 2.5 | 0.1 | 0.5 | 1.2 | 0.0 | 0.5 | 2.4 | 0.1 | 0.0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.7 |
| /ĩ/ | 1.2 | 0.0 | 0.5 | 3.1 | 8.4 | 1.7 | 0.0 | 0.3 | 16.4 | 40.3 | 0.5 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 | 5.7 | 0.0 | 1.0 | 2.8 | 0.3 | 2.6 | 6.2 | 1.6 | 0.0 | 0.2 | 0.0 | 0.0 | 1.9 | 0.0 |
| /µ/ | 0.9 | 4.6 | 16.9 | 2.3 | 1.0 | 0.6 | 0.2 | 0.2 | 0.0 | 0.6 | 54.0 | 0.0 | 0.0 | 0.4 | 1.0 | 1.0 | 8.6 | 2.1 | 0.4 | 0.0 | 0.4 | 0.1 | 1.3 | 1.4 | 1.4 | 0.3 | 0.0 | 0.0 | 0.1 | 0.3 | 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 |
| /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/ | 2.3 | 0.2 | 12.2 | 3.2 | 0.0 | 0.0 | 4.5 | 9.3 | 0.0 | 0.0 | 0.9 | 0.0 | 0.0 | 60.1 | 0.2 | 0.7 | 0.9 | 0.5 | 0.5 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 1.4 | 0.2 | 0.0 | 0.0 | 1.4 |
| /l/ | 2.0 | 2.4 | 3.5 | 2.9 | 0.2 | 1.1 | 0.8 | 2.2 | 0.3 | 0.1 | 0.6 | 0.4 | 0.1 | 0.2 | 79.2 | 0.1 | 1.1 | 0.6 | 0.0 | 0.1 | 0.2 | 0.5 | 0.2 | 0.8 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.4 | 0.1 |
| /ʁ/ | 3.4 | 1.5 | 3.3 | 4.7 | 1.1 | 0.1 | 0.0 | 1.0 | 0.9 | 0.5 | 1.4 | 0.3 | 0.1 | 0.2 | 0.2 | 73.1 | 0.3 | 0.4 | 0.1 | 0.7 | 1.0 | 0.9 | 0.2 | 1.8 | 0.8 | 0.0 | 0.3 | 0.2 | 0.8 | 0.6 | 0.0 |
| /n/ | 1.6 | 0.7 | 3.2 | 1.6 | 0.6 | 0.3 | 0.7 | 1.8 | 0.0 | 0.1 | 0.3 | 0.0 | 0.1 | 0.0 | 3.1 | 0.1 | 75.8 | 5.3 | 2.3 | 0.0 | 0.0 | 0.0 | 0.1 | 1.7 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.1 | 0.0 |
| /m/ | 1.1 | 0.9 | 2.6 | 1.7 | 0.2 | 0.1 | 0.6 | 0.1 | 0.5 | 0.3 | 0.7 | 0.2 | 0.2 | 0.0 | 1.1 | 0.2 | 2.4 | 84.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.9 | 0.1 | 0.0 | 0.5 | 0.2 | 0.0 | 0.6 | 0.1 | 0.0 |
| /ɲ/ | 0.0 | 0.0 | 1.4 | 3.6 | 0.0 | 0.0 | 0.8 | 2.8 | 0.0 | 0.0 | 3.0 | 0.0 | 0.6 | 1.1 | 0.8 | 0.0 | 8.3 | 0.6 | 72.1 | 0.0 | 0.3 | 0.3 | 1.7 | 1.7 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| /p/ | 5.5 | 1.7 | 2.3 | 1.7 | 0.1 | 0.5 | 0.0 | 0.0 | 1.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 76.3 | 2.2 | 0.2 | 3.9 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.6 | 0.0 |
| /t/ | 3.9 | 0.7 | 3.2 | 1.2 | 0.2 | 1.5 | 0.0 | 0.7 | 0.1 | 0.1 | 0.8 | 0.1 | 0.0 | 0.1 | 0.3 | 0.6 | 0.8 | 0.4 | 0.0 | 1.9 | 72.8 | 2.0 | 0.2 | 6.3 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 1.9 | 0.0 |
| /k/ | 2.1 | 2.6 | 2.6 | 0.4 | 1.4 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 1.0 | 0.0 | 0.0 | 0.0 | 0.9 | 1.0 | 0.0 | 0.0 | 0.0 | 0.1 | 2.5 | 76.7 | 0.0 | 0.2 | 4.7 | 0.0 | 2.1 | 0.0 | 0.0 | 1.6 | 0.0 |
| /b/ | 0.6 | 0.9 | 1.9 | 0.9 | 2.2 | 0.1 | 0.0 | 0.4 | 0.0 | 0.0 | 0.4 | 0.0 | 0.1 | 0.3 | 0.1 | 0.1 | 0.3 | 5.6 | 0.0 | 0.4 | 0.0 | 0.1 | 83.8 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 |
| /d/ | 2.2 | 0.8 | 3.2 | 3.8 | 0.1 | 0.1 | 1.0 | 0.2 | 0.6 | 0.0 | 0.2 | 0.0 | 0.6 | 0.0 | 0.8 | 0.5 | 6.3 | 0.9 | 0.4 | 0.0 | 0.6 | 0.0 | 1.4 | 75.2 | 0.4 | 0.0 | 0.1 | 0.0 | 0.1 | 0.8 | 0.0 |
| /g/ | 0.0 | 1.7 | 3.7 | 1.1 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.4 | 83.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| /f/ | 0.0 | 2.5 | 3.9 | 0.4 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 3.9 | 0.7 | 0.0 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 58.9 | 18.8 | 0.0 | 2.5 | 5.7 | 0.0 |
| /s/ | 1.5 | 1.0 | 2.3 | 1.1 | 0.3 | 0.1 | 0.3 | 0.3 | 0.2 | 0.4 | 0.5 | 0.0 | 0.2 | 1.2 | 0.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.4 | 0.0 | 0.3 | 0.0 | 0.2 | 84.5 | 0.7 | 0.3 | 2.7 | 0.8 |
| /ʃ/ | 0.0 | 1.7 | 1.7 | 1.6 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 84.3 | 0.0 | 0.7 | 1.8 |
| /v/ | 1.9 | 0.1 | 3.6 | 3.2 | 0.2 | 1.5 | 0.8 | 0.1 | 0.0 | 0.0 | 0.2 | 1.0 | 0.2 | 0.0 | 0.6 | 2.4 | 0.2 | 1.3 | 0.4 | 0.2 | 0.5 | 0.0 | 2.0 | 0.2 | 0.2 | 0.8 | 0.4 | 0.6 | 74.0 | 3.1 | 0.0 |
| /z/ | 0.0 | 0.0 | 0.7 | 0.0 | 0.7 | 0.0 | 4.3 | 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 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 0.7 | 89.9 | 0.0 |
| /ʒ/ | 1.9 | 0.9 | 1.9 | 0.6 | 1.6 | 0.1 | 3.1 | 0.4 | 0.1 | 0.0 | 2.5 | 0.0 | 0.1 | 0.6 | 0.7 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 5.0 | 0.0 | 1.5 | 78.4 |
| Predicted labels | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |