

Speech Token Spectrograms

Spectrograms for individual tokens.

Each page has spectrograms for all the tokens for one speaker for one consonant, labeled at the top.

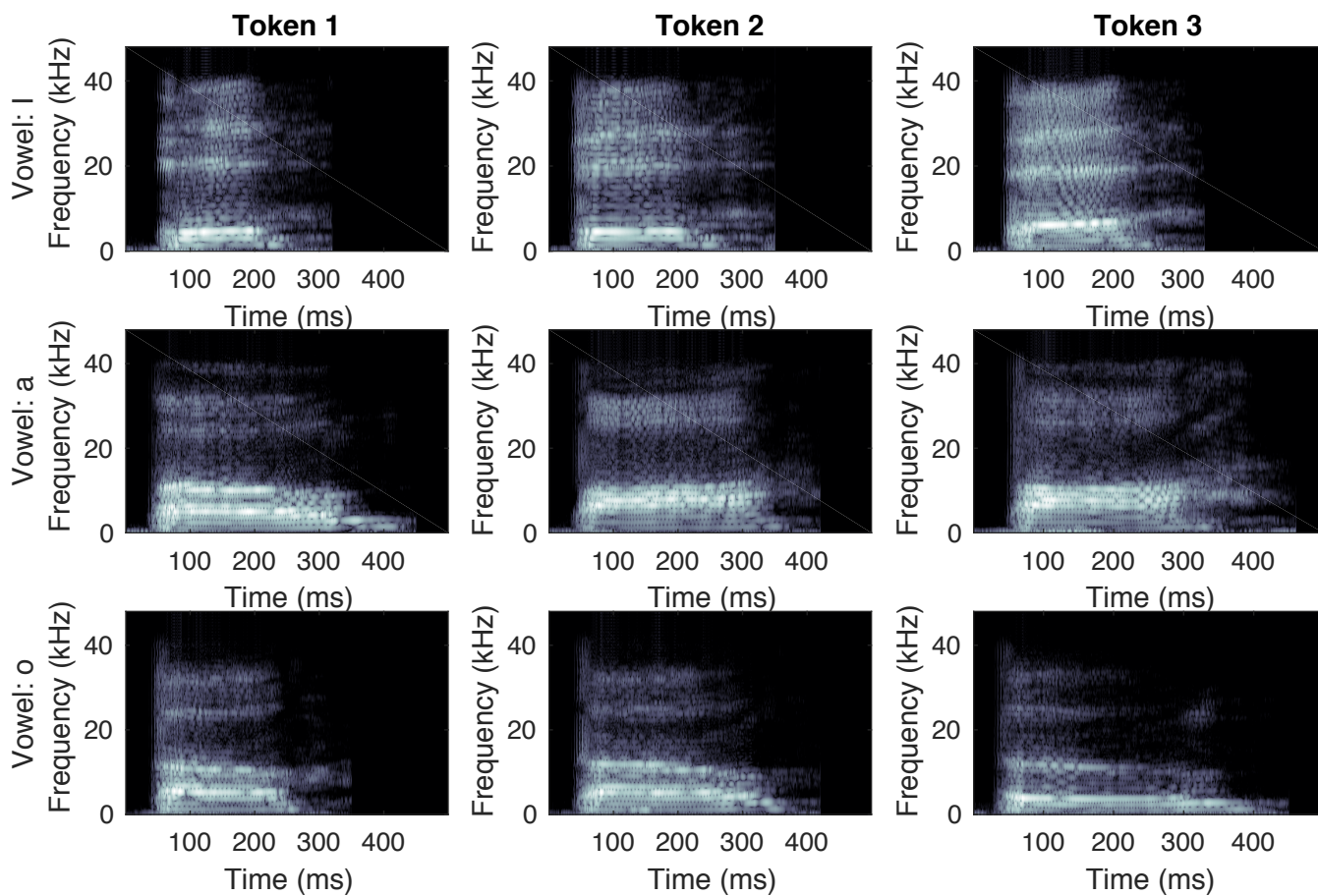
Within a page tokens are organized so each row has all tokens for that consonant-vowel pair, labeled on the left of the page.

Numbering of speakers and tokens is consistent with that used in the paper.

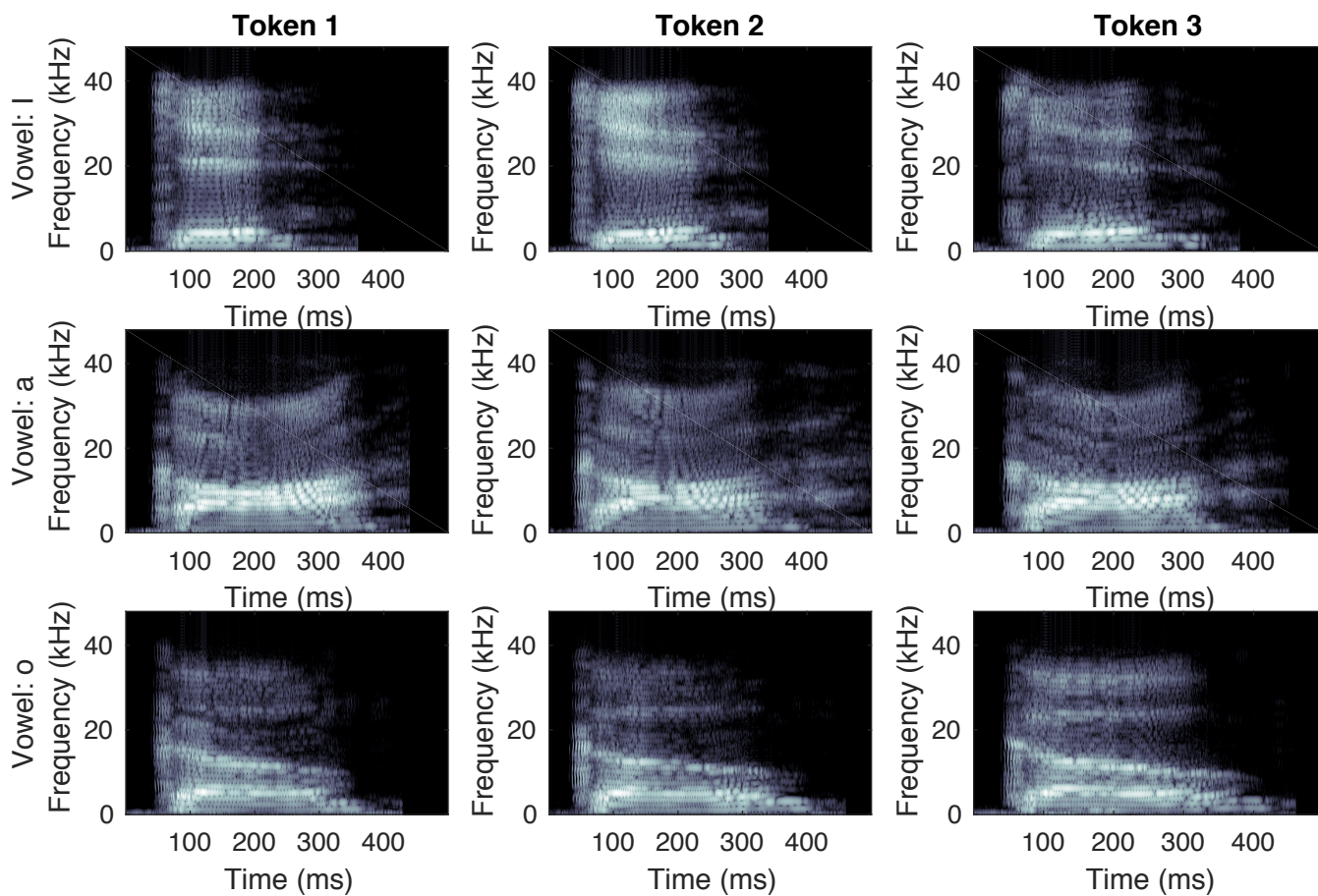
Spectrograms were generated with a 128-sample hamming window with 64-sample steps and 2000 fft points in MATLAB 2017b:

```
spectrogram(b, hamming(128).', 64, 2000, fs, 'yaxis', 'MinThreshold', -120)
```

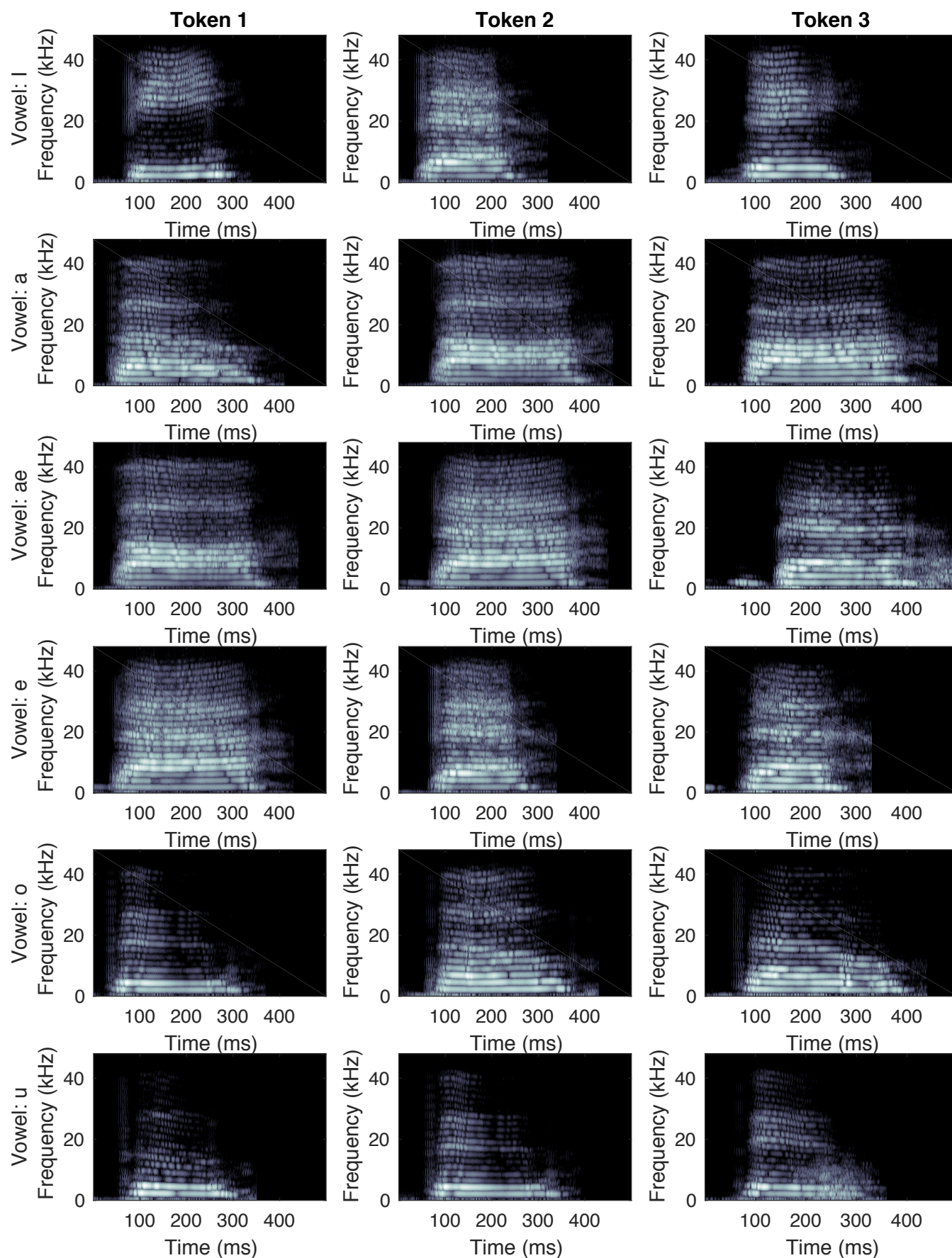
Speaker 1, /b/



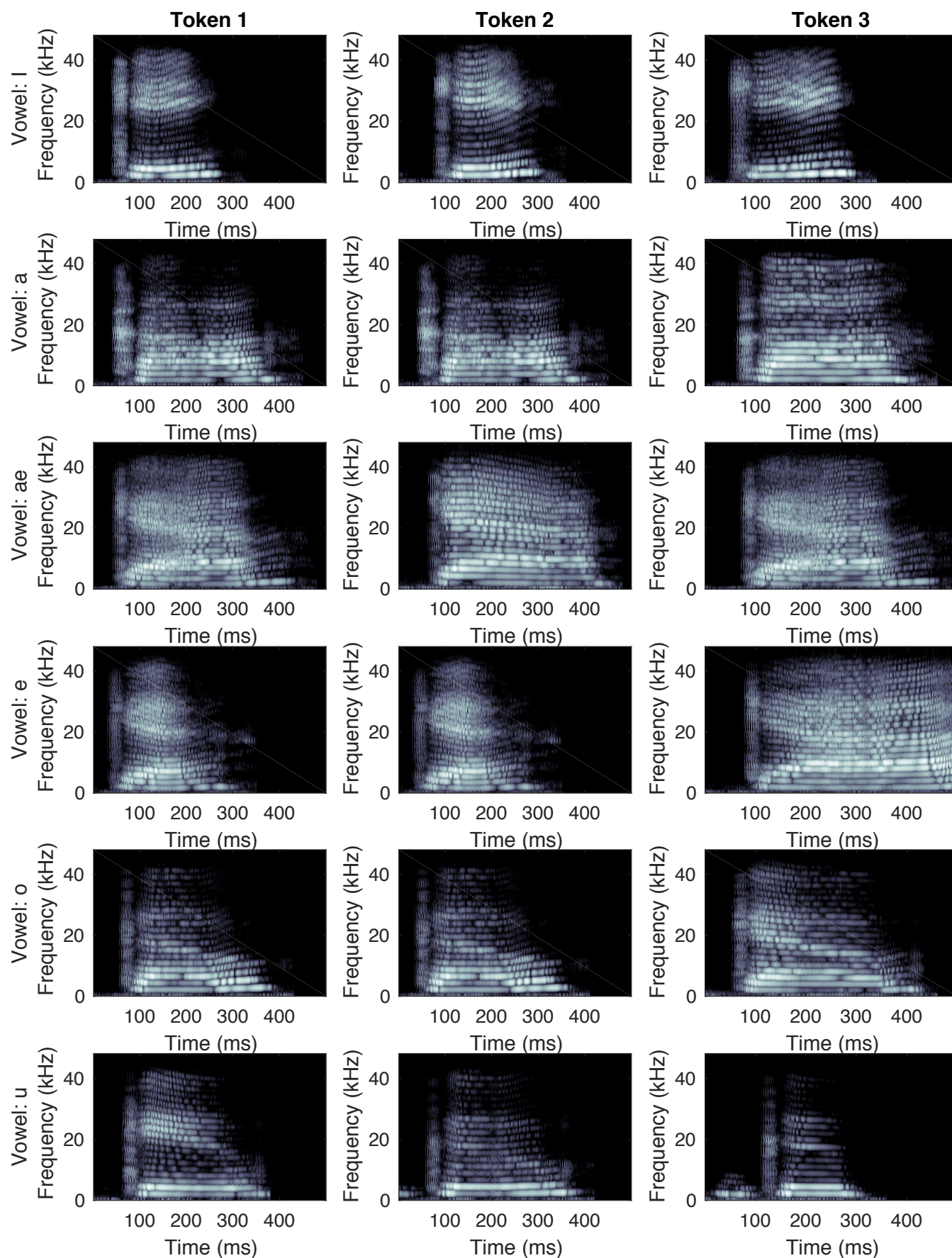
Speaker 1, /g/



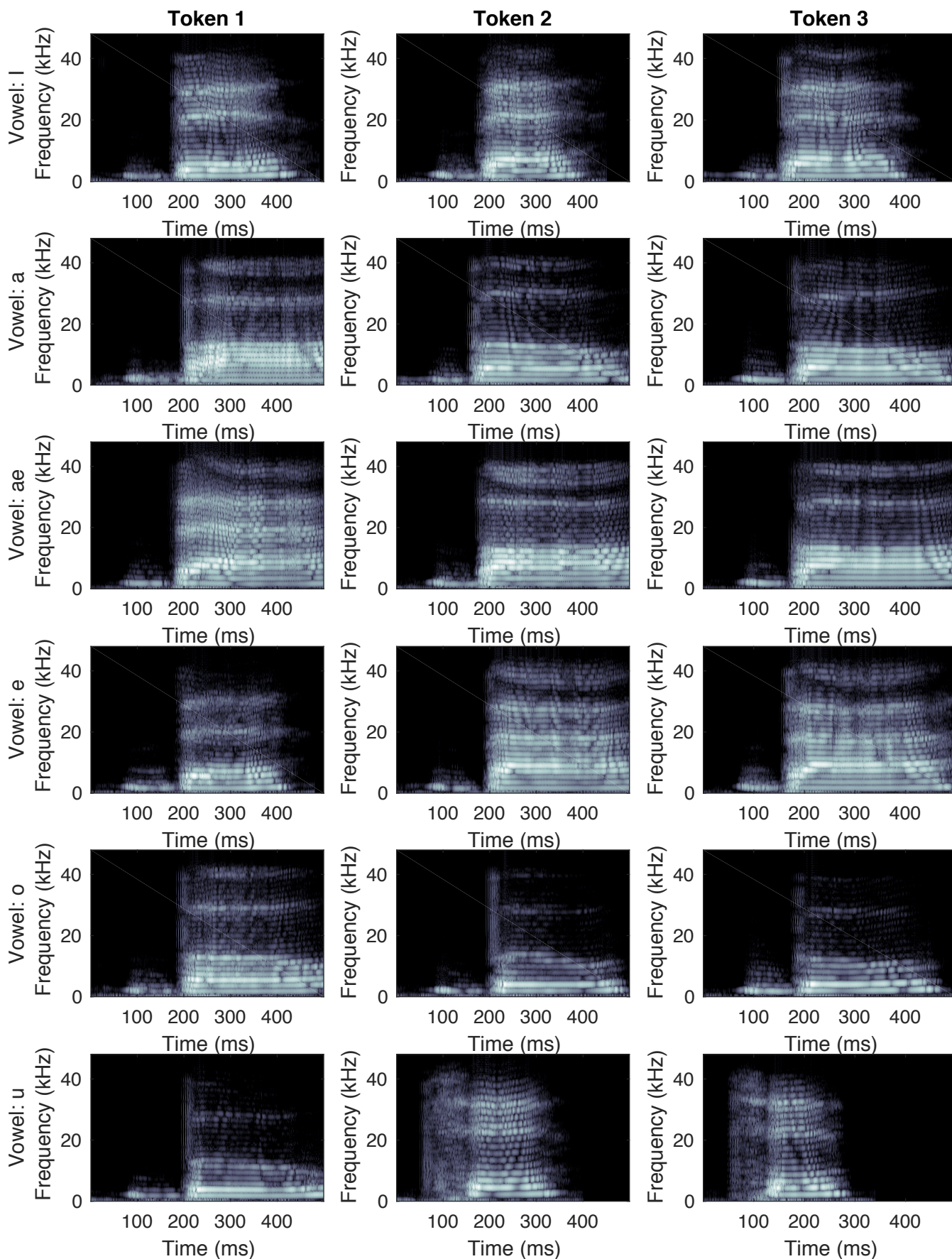
Speaker 2, /b/



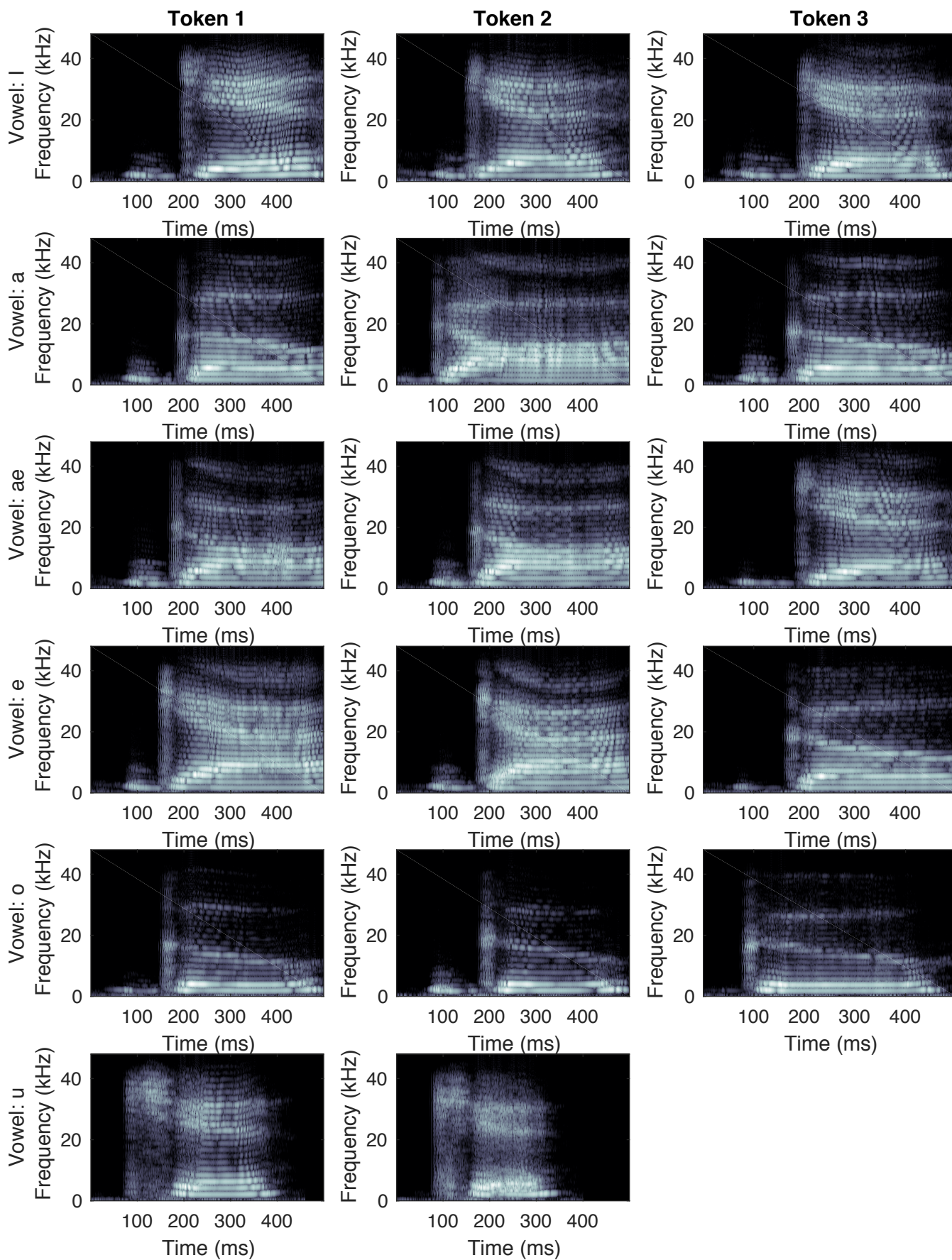
Speaker 2, /g/



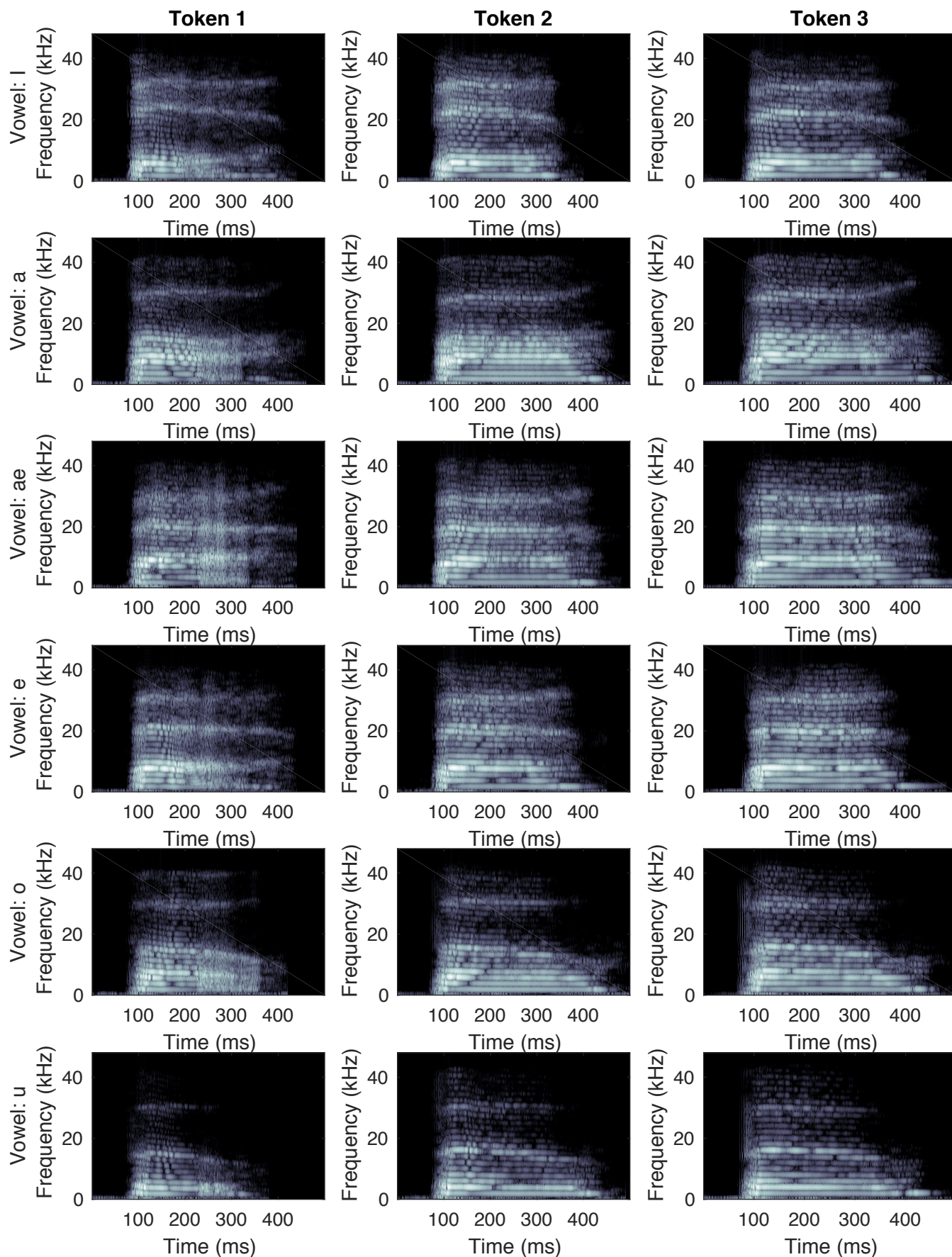
Speaker 3, /b/



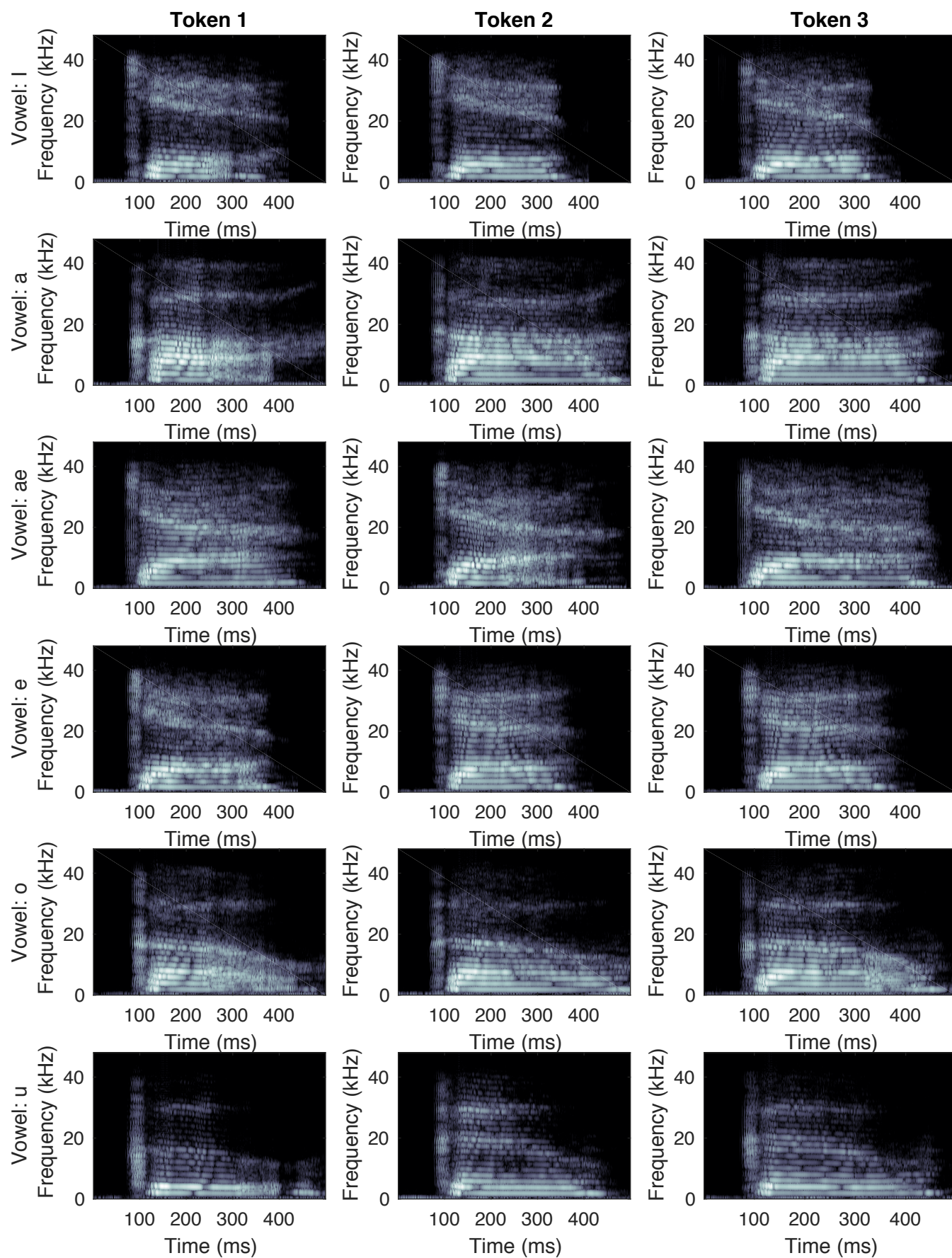
Speaker 3, /g/



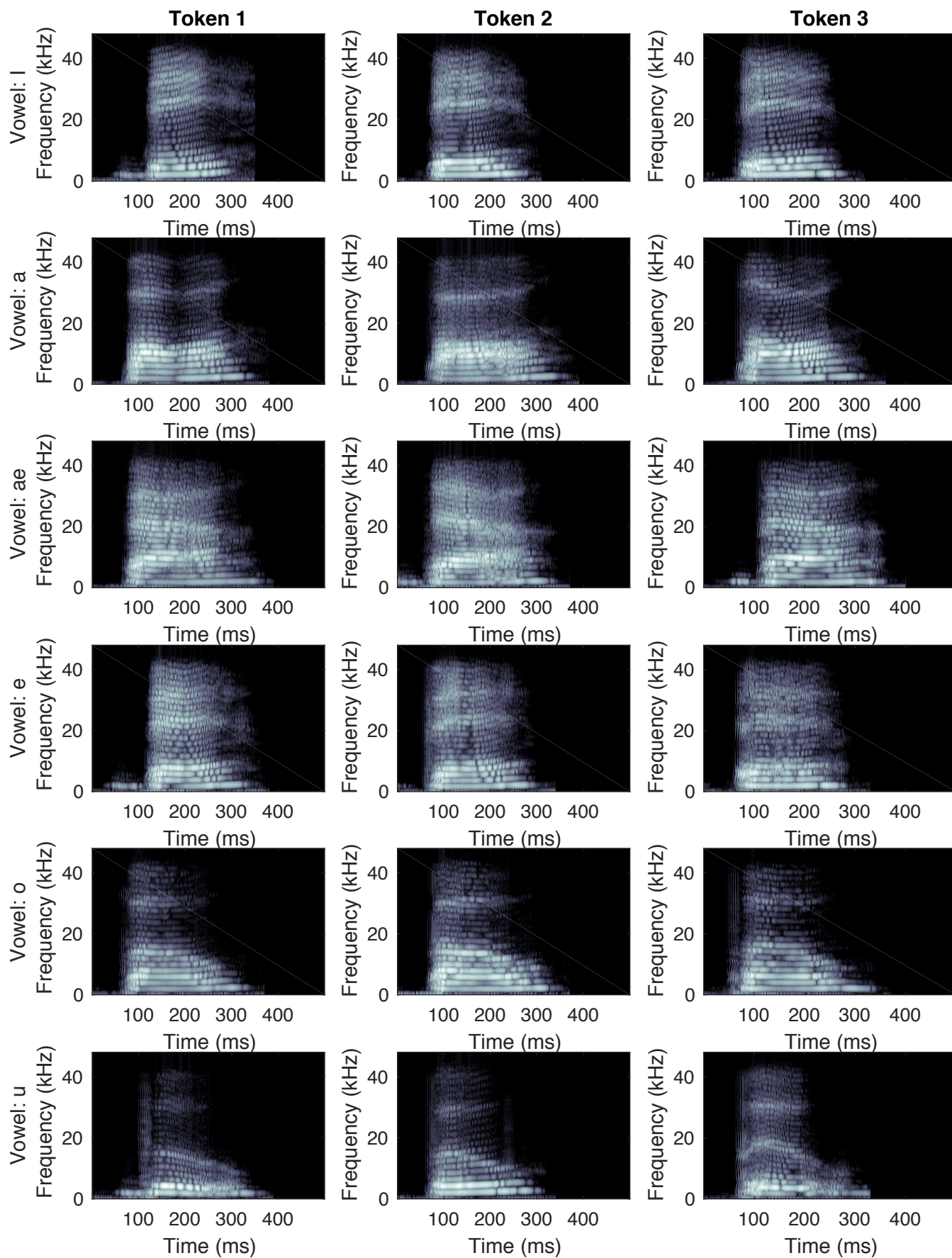
Speaker 4, /b/



Speaker 4, /g/



Speaker 5, /b/



Speaker 5, /g/

