

Tuning frequency and key detection results.

For our tuning frequency, our average deviation from the ground truth was 23.6 cents.

For our key detection employing tuning frequency correction, our code correctly detected the key in 10% of the audio files.

For our key detection NOT employing tuning frequency correction, our code correctly detected the key in 30% of the audio files.

Notice that our system did better when it did not use tuning frequency detection. This may be due to the unreliability of our naively-implemented tuning frequency detection algorithm.