

Periodicity: Pitches Tonic-Octave Dissonance

stolzenburg2015.tonic.dissonance

4

3

2

1

0

-5.0

-2.5

0.0

2.5

5.0

stolzenburg2015.octave.dissonance

0 1 2 3 4 5 6 7 8 9 10 11 12

minor 2nd

0 10 11 12

minor 7th

0 2 3 4 5 6 7 8 9 10 11 12

Major 2nd

0 8 9 10 11 12

minor 6th

0 3 4 5 6 7 8 9 10 11 12

minor 3rd

0 5 6 7 8 9 10 11 12

Perfect 4th

0 7 8 9 10 11 12

Perfect 5th

0 9 10 11 12

Major 6th

0 4 5 6 7 8 9 10 11 12

Major 3rd

0 6 7 8 9 10 11 12

tritone

0 11 12

Major 7th

0 1 2 3 4 5 6 7 8 9 10 11 12

Tonic

0 12 1 2 3 4 5 6 7 8 9 10 11 12

Octave