

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

C4 C5

{0} 12

Tonic

C4 C5

{12}

Octave

C4 F4 C5

{5} 12

Perfect 4th

C4 G4 C5

{7} 12

Perfect 5th

C4 Eb4 C5

{3} 12

Minor 3rd

C4 Ab4 C5

{8} 12

Minor 6th

C4 Bb4 C5

{10} 12

Minor 7th

C4 Db4 C5

{1} 12

Minor 2nd

C4 B4 C5

{11} 12

Major 7th

C4 D4 C5

{2} 12

Major 2nd

C4 E4 C5

{4} 12

Major 3rd

C4 A4 C5

{9} 12

Major 6th

C4 Gb4 C5

{6} 12

Tritone

C4 D4 C5

{2} 12

Major 2nd

C4 Bb4 C5

{10} 12

Minor 7th

C4 Db4 C5

{1} 12

Minor 2nd

C4 B4 C5

{11} 12

Major 7th

C4 D4 C5

{2} 12

Major 2nd

C4 Eb4 C5

{3} 12

Minor 3rd

C4 Ab4 C5

{8} 12

Minor 6th

C4 Bb4 C5

{10} 12

Minor 7th

C4 Gb4 C5

{6} 12

Tritone

C4 E4 C5

{4} 12

Major 3rd

C4 A4 C5

{9} 12

Major 6th

C4 Db4 C5

{1} 12

Minor 2nd