

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 {0} ↑ ↓ 12

Tonic

C4 C5 ↑ ↓

0 {12} ↑ ↓

Octave

C4 F4 ↑ ↓ C5

0 {5} ↑ ↓ 12

Perfect 4th

C4 G4 ↑ ↓ C5

0 {7} ↑ ↓ 12

Perfect 5th

C4 Eb4 ↑ ↓ C5

0 {3} ↑ ↓ 12

Minor 3rd

C4 Ab4 ↑ ↓ C5

0 {8} ↑ ↓ 12

Minor 6th

C4 Bb4 ↑ ↓ C5

0 {10} ↑ ↓ 12

Minor 7th

C4 Db4 ↑ ↓ C5

0 {1} ↑ ↓ 12

Minor 2nd

C4 B4 ↑ ↓ C5

0 {11} ↑ ↓ 12

Major 7th

C4 Gb4 ↑ ↓ C5

0 {6} ↑ ↓ 12

Tritone

C4 D4 ↑ ↓ C5

0 {2} ↑ ↓ 12

Major 2nd

C4 E4 ↑ ↓ C5

0 {4} ↑ ↓ 12

Major 3rd

C4 A4 ↑ ↓ C5

0 {9} ↑ ↓ 12

Major 6th