

Roughness: Pitches Brightness-Consonance

hutchinson1978.consonance

0.4

0.3

0.2

-0.1

0.0

0.1

hutchinson1978.brightness

Perfect 4th

C4 F4↑↓ C5

0 {5}↑↓ 12

Octave

C4 C5↑↓

0 {12}↑↓

Tonic

C4↑↓ C5

{0}↑↓ 12

Perfect 5th

C4 G4↑↓ C5

0 {7}↑↓ 12

Minor 6th

C4 Ab4↑↓ C5

0 {8}↑↓ 12

Major 6th

C4 A4↑↓ C5

0 {9}↑↓ 12

Major 3rd

C4 E4↑↓ C5

0 {4}↑↓ 12

Minor 3rd

C4 Eb4↑↓ C5

0 {3}↑↓ 12

Tritone

C4 Gb4↑↓ C5

0 {6}↑↓ 12

Minor 7th

C4 Bb4↑↓ C5

0 {10}↑↓ 12

Major 2nd

C4 D4↑↓ C5

0 {2}↑↓ 12

Minor 2nd

C4 Db4↑↓ C5

0 {1}↑↓ 12

Major 7th

C4 B4↑↓ C5

0 {11}↑↓ 12