

# Periodicity: Pitches Brightness-Consonance

stolzenburg2015.consonance

-0.6

-0.3

0.0

0.3

0.6

stolzenburg2015.brightness

Octave

$\underline{C4} \ \underline{C5} \uparrow \downarrow$

$\underline{0} \ \{12\} \uparrow \downarrow$

Tonic

$\underline{C4} \uparrow \downarrow \ \underline{C5}$

$\underline{\{0\}} \uparrow \downarrow \ \underline{12}$

Perfect 5th

$\underline{C4} \ \underline{G4} \uparrow \downarrow \ \underline{C5}$

$\underline{0} \ \{7\} \uparrow \downarrow \ \underline{12}$

Major 6th

$\underline{C4} \ \underline{A4} \uparrow \downarrow \ \underline{C5}$

$\underline{0} \ \{9\} \uparrow \downarrow \ \underline{12}$

Major 3rd

$\underline{C4} \ \underline{E4} \uparrow \downarrow \ \underline{C5}$

$\underline{0} \ \{4\} \uparrow \downarrow \ \underline{12}$

Tritone

$\underline{C4} \ \underline{Gb4} \uparrow \downarrow \ \underline{C5}$

$\underline{0} \ \{6\} \uparrow \downarrow \ \underline{12}$

Major 2nd

$\underline{C4} \ \underline{D4} \uparrow \downarrow \ \underline{C5}$

$\underline{0} \ \{2\} \uparrow \downarrow \ \underline{12}$

Major 7th

$\underline{C4} \ \underline{B4} \uparrow \downarrow \ \underline{C5}$

$\underline{0} \ \{11\} \uparrow \downarrow \ \underline{12}$

Minor 7th

$\underline{C4} \ \underline{Bb4} \uparrow \downarrow \ \underline{C5}$

$\underline{0} \ \{10\} \uparrow \downarrow \ \underline{12}$

Minor 6th

$\underline{C4} \ \underline{Ab4} \uparrow \downarrow \ \underline{C5}$

$\underline{0} \ \{8\} \uparrow \downarrow \ \underline{12}$

Perfect 4th

$\underline{C4} \ \underline{F4} \uparrow \downarrow \ \underline{C5}$

$\underline{0} \ \{5\} \uparrow \downarrow \ \underline{12}$

Minor 3rd

$\underline{C4} \ \underline{Eb4} \uparrow \downarrow \ \underline{C5}$

$\underline{0} \ \{3\} \uparrow \downarrow \ \underline{12}$

Minor 2nd

$\underline{C4} \ \underline{Db4} \uparrow \downarrow \ \underline{C5}$

$\underline{0} \ \{1\} \uparrow \downarrow \ \underline{12}$

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