

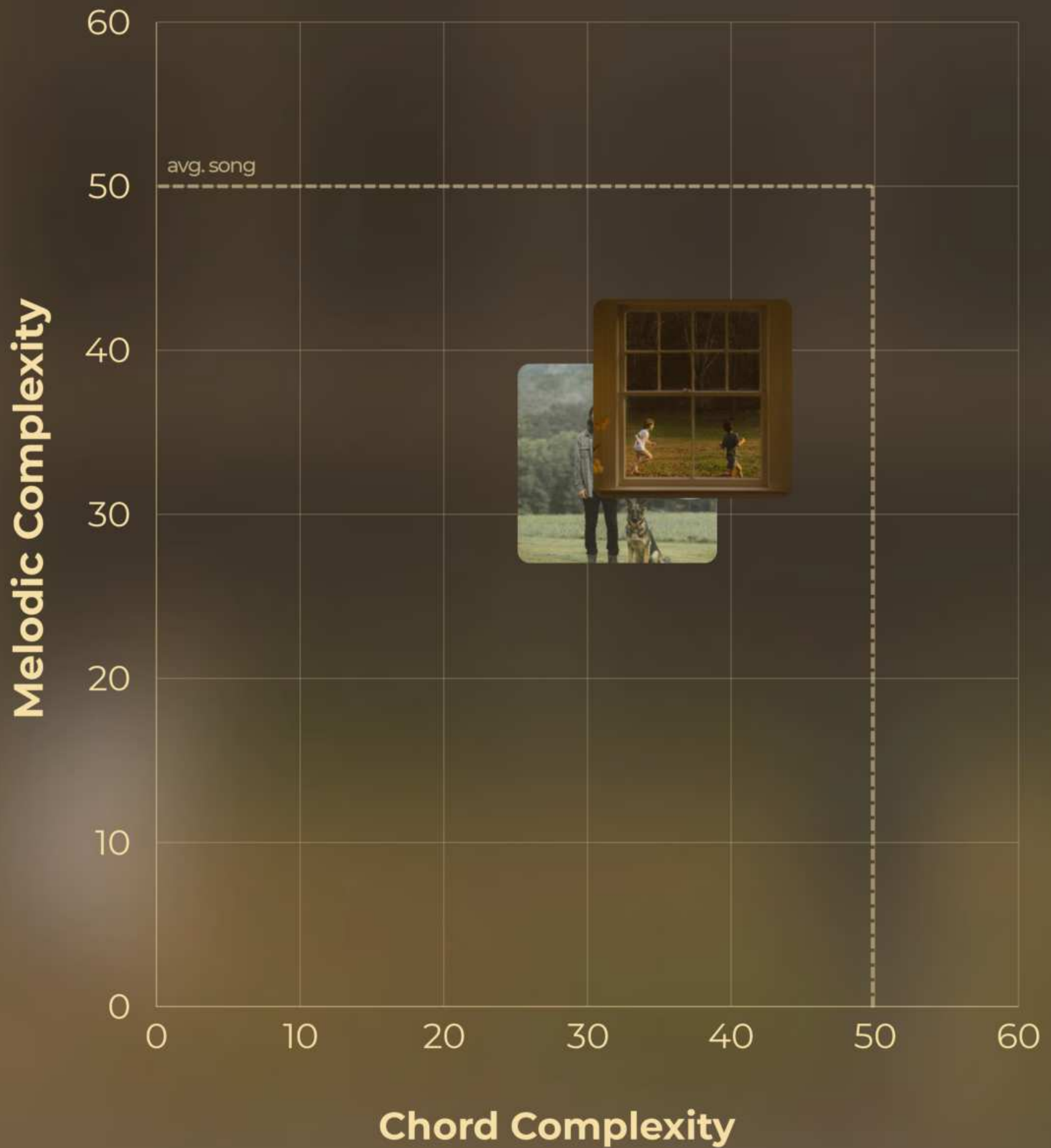
Noah Kahan

Songwriting Stats

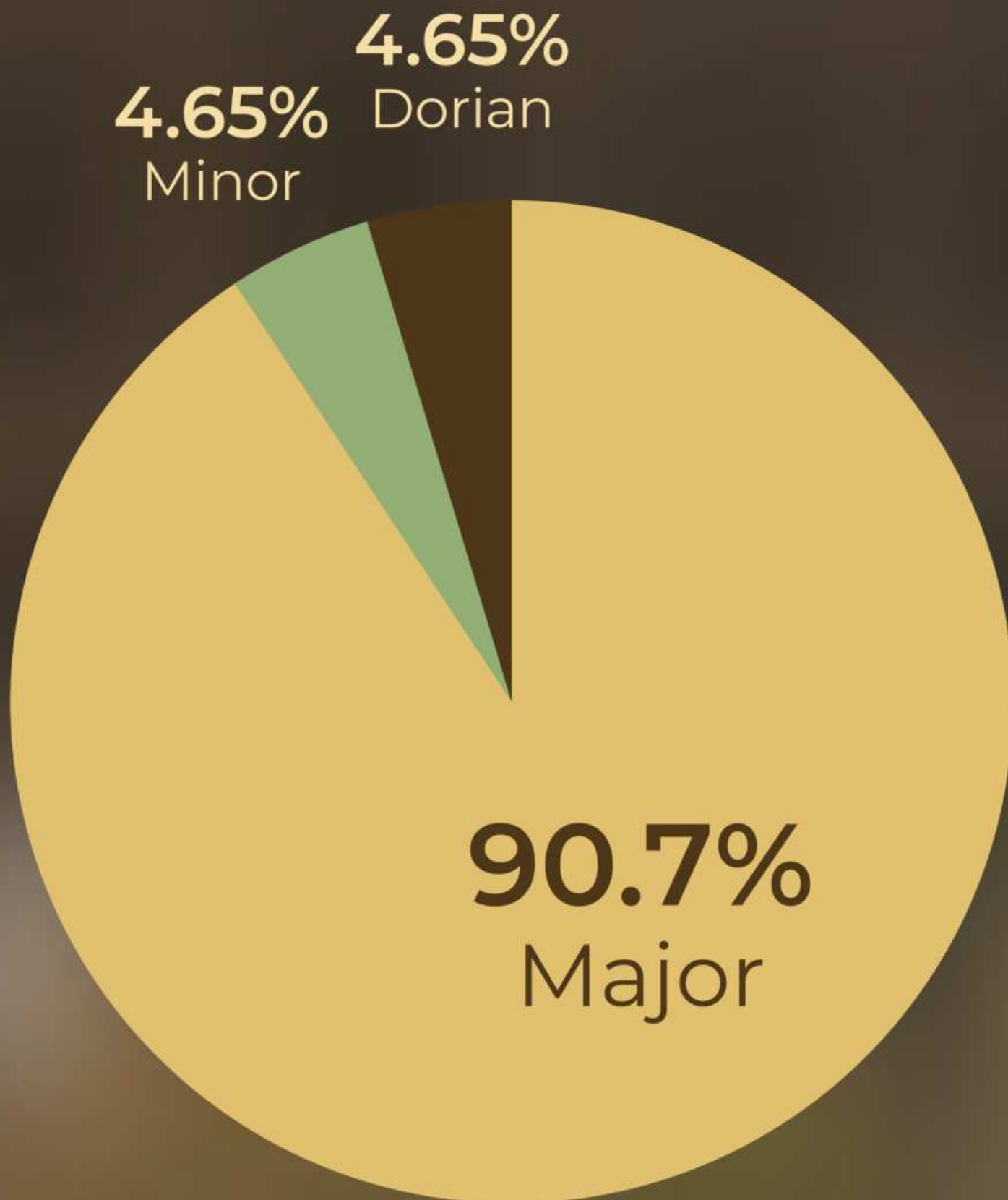


Melody vs. Harmony

Learn more about these metrics on our last slide →



Noah's Favorite Scales



90.7% of Noah Kahan's
songs are in a
major scale.

EVERY SONG ON *STICK*
SEASON IS IN MAJOR



Stick Season vs. The Great Divide

Chord Complexity



Chord Progression Novelty



0 10 20 30 40 50

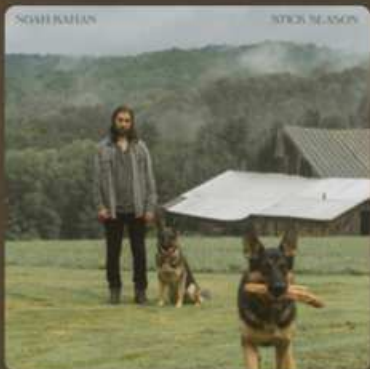


Noah's Favorite Keys



Same but different

*Same chord progression,
completely different song.*



**Everywhere,
Everything**

Chorus

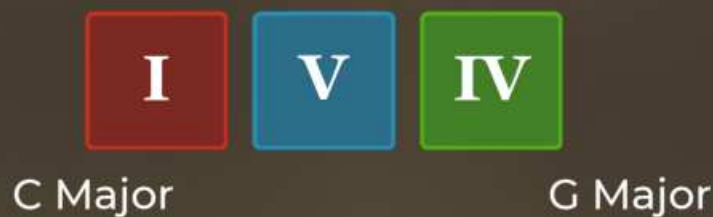


Dashboard



Spoiled

Chorus



Dan



**Northern
Attitude**

(add9) Chorus

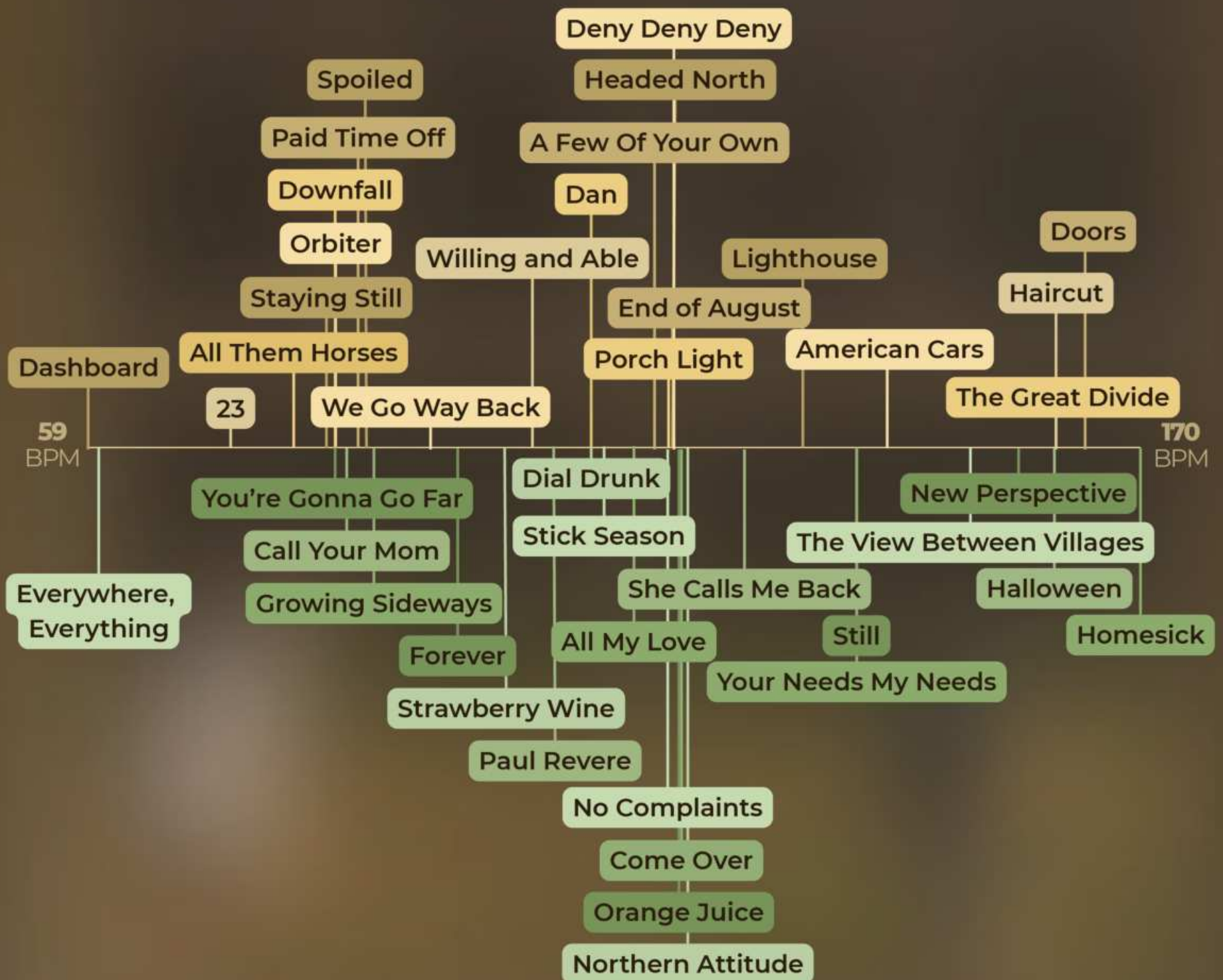


Downfall



Tempo Comparison

Measured in Beats Per Minute (BPM)



Album Tempo Comparison

Calculated by average album tempo (BPM)

120

100

80

60

40

20

0



Stick Season



The Great Divide



Songs with the Highest Chord-Melody Tension



1 Forever 91.36



2 She Calls Me Back 87.12



3 You're Gonna Go Far 84.67



4 Paul Revere 84.35



5 Still 78.48



100% of the melodies on
The Great Divide use
diatonic notes.

BASED ON ANALYSES OF EACH
CHORUS ONLY



Chord Tone Use

How often a melody note lands inside the chord.

100

More stable
melodies



80

60

40

20

0



Stick Season



The Great Divide



Most Unique Chord Progressions



1 Halloween 98.02



2 Come Over 83.6



3 Lighthouse 83.53



4 The Great Divide 79.94



5 No Complaints 79.53



About Our Metrics

More at [Hooktheory.com](https://hooktheory.com)

Chord Complexity

Chord Complexity tracks when a song goes **beyond simple three-note chords**—either by adding **extra tones** (like 7ths or add9s) or by borrowing notes from **outside the key**—creating richer, more sophisticated harmonies.

Melodic Complexity

Melodic Complexity reflects two factors: the use of **notes outside the key** and **rhythmic syncopation**, together capturing how intricate or surprising a melody feels.

Chord-Melody Tension

Chord-Melody Tension quantifies how often **melody notes fall outside the current chord**, producing dissonance that creates a sense of instability

Chord Progression Novelty

Chord Progression Novelty measures how **uncommon a song's chord changes** are compared to others in the Hooktheory database, highlighting progressions that deviate from typical patterns.

Chord Bass Melody

Chord-Bass Melody evaluates how smoothly the bass moves between chords, scoring higher when it travels **step-wise, ascending or descending**, instead of jumping directly between root position chords.

