

Report

Project: 1967_Luiz Goes/Canção da Infância

Key (Global - All Beats): ('d', 'min')

Key (Section 2 Only): ('d', 'min')

Computed median BPM: 38.28

Beat-Synchronized HCF:

Pearson Correlation Coefficient (R): 0.7172

R-squared (R^2): 0.5144

P-value: 0.0000

Frame-Level HCF:

Pearson Correlation Coefficient (R): 0.0306

R-squared (R^2): 0.0009

P-value: 0.0006

Beat-Synchronized Chroma Comparison:

Pearson Correlation Coefficient (R): 0.6197

R-squared (R^2): 0.3840

P-value: 0.0000

Sum of Absolute Differences: 219.0835

Sum of Squared Differences: 105.4941

Sensory Dissonance and Tonal Dissonance:

Pearson Correlation Coefficient (R): -0.1053

R-squared (R^2): 0.0111

P-value: 0.3926

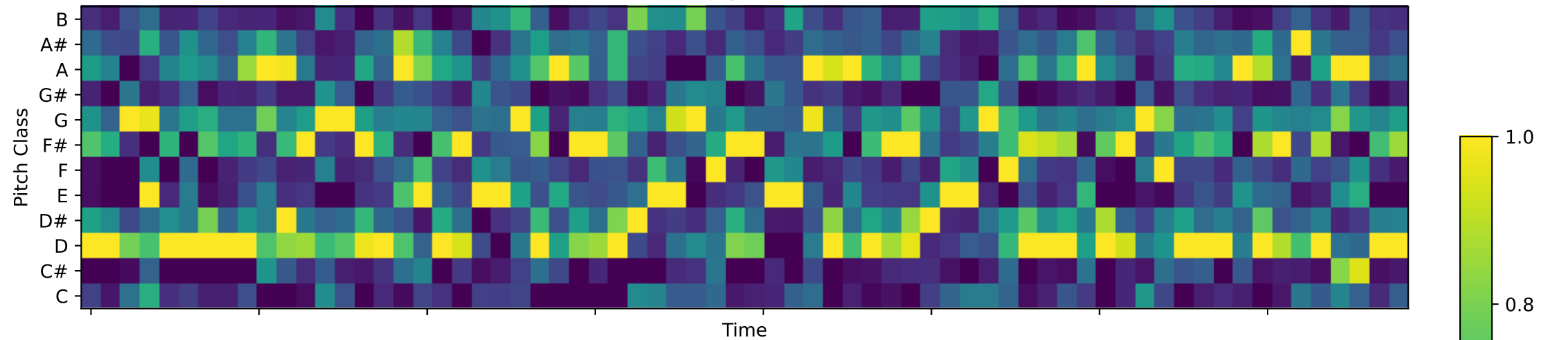
Tonal Dispersion (Audio vs. Ground Truth):

Pearson Correlation Coefficient (R): 0.8276

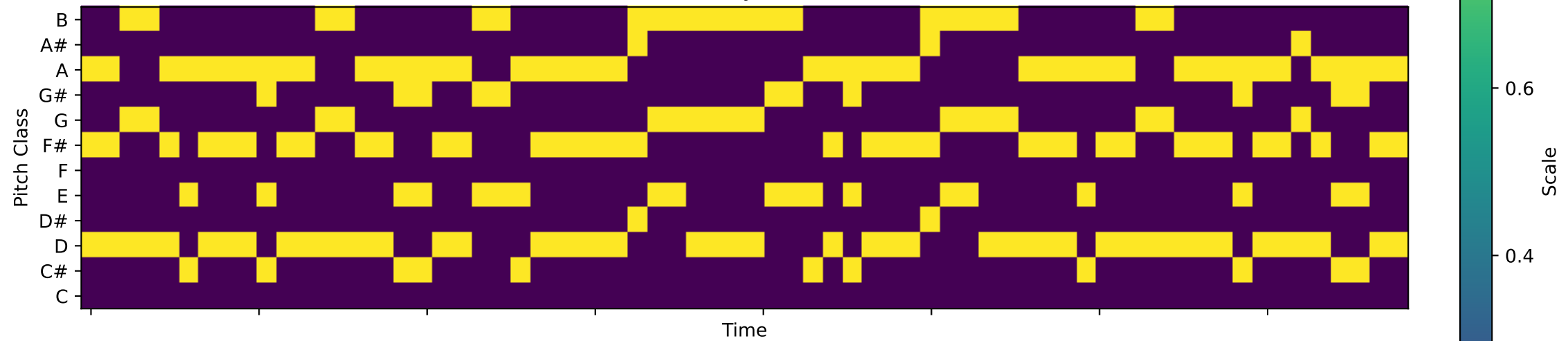
R-squared (R^2): 0.6849

P-value: 0.0000

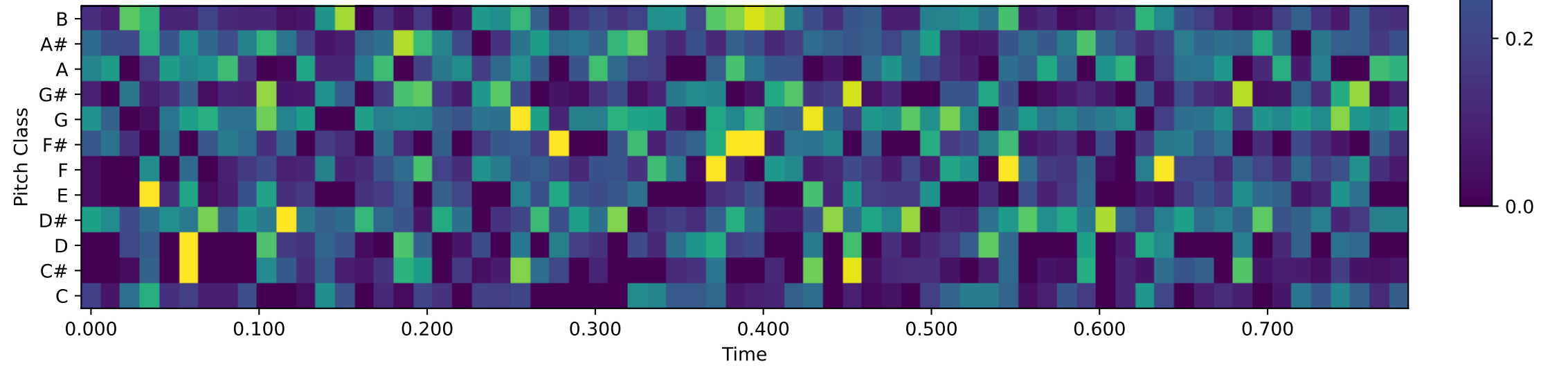
Calculated Beat-Synchronized Chroma



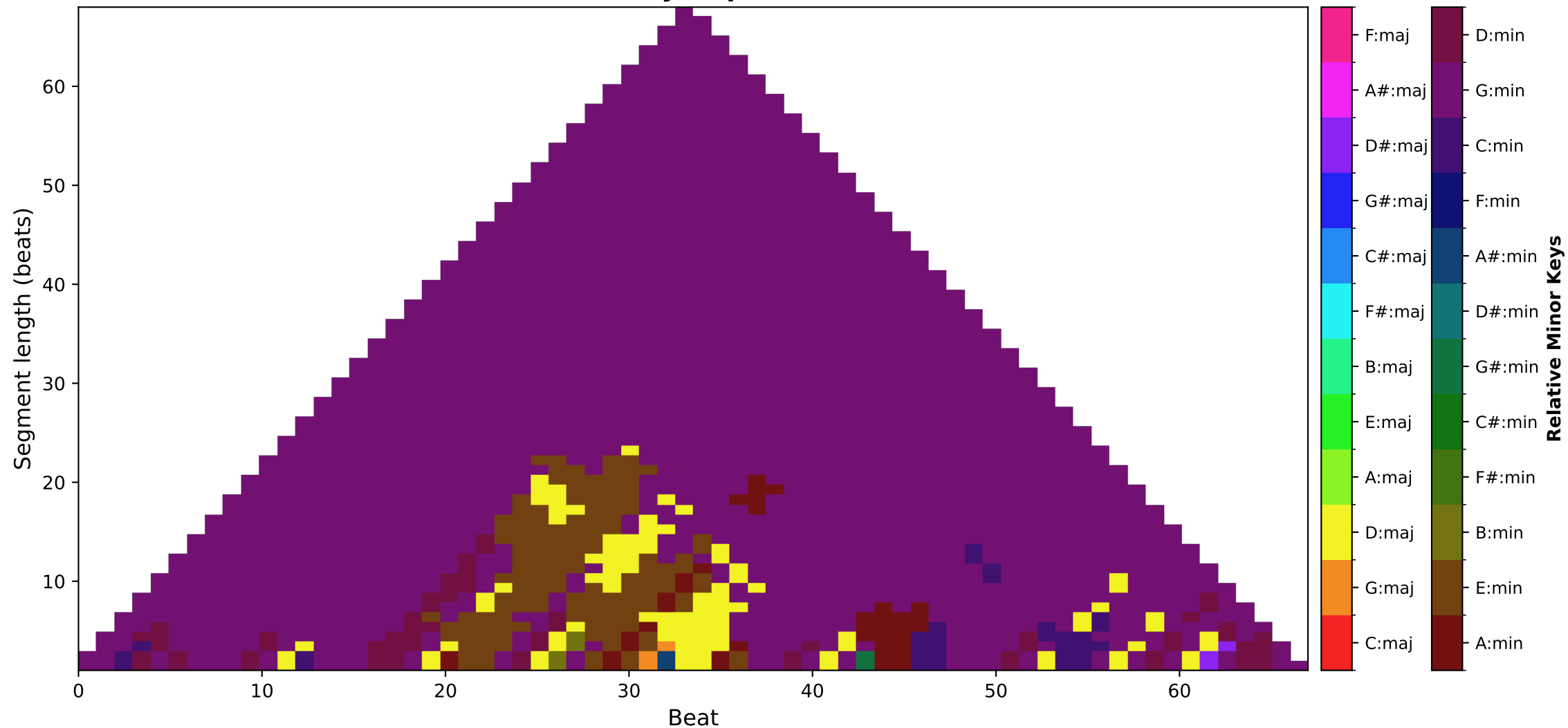
Ground Truth Beat-Synchronized Chroma



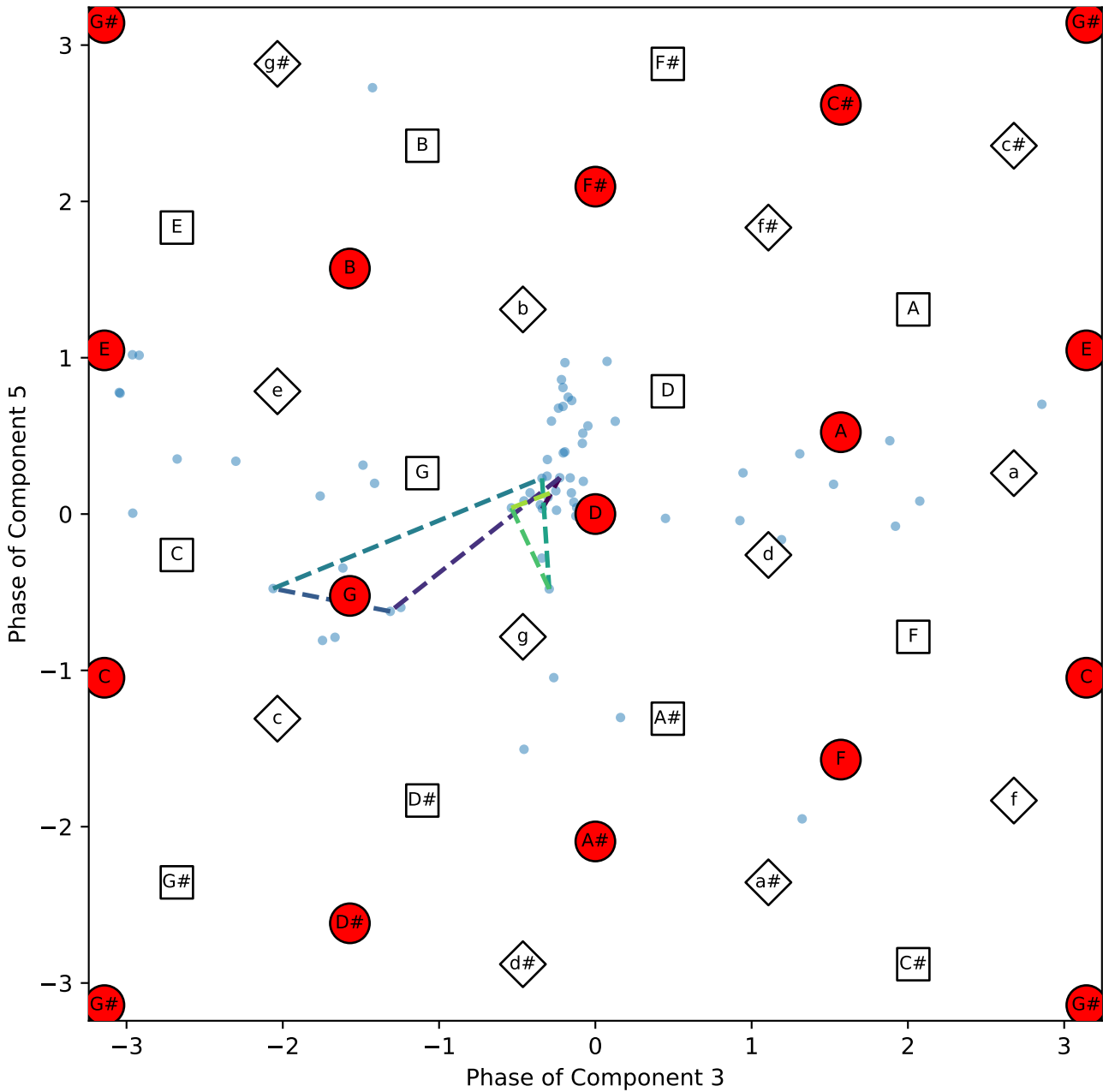
Beat-Synchronized Chroma Absolute Difference (Calculated - Ground Truth)



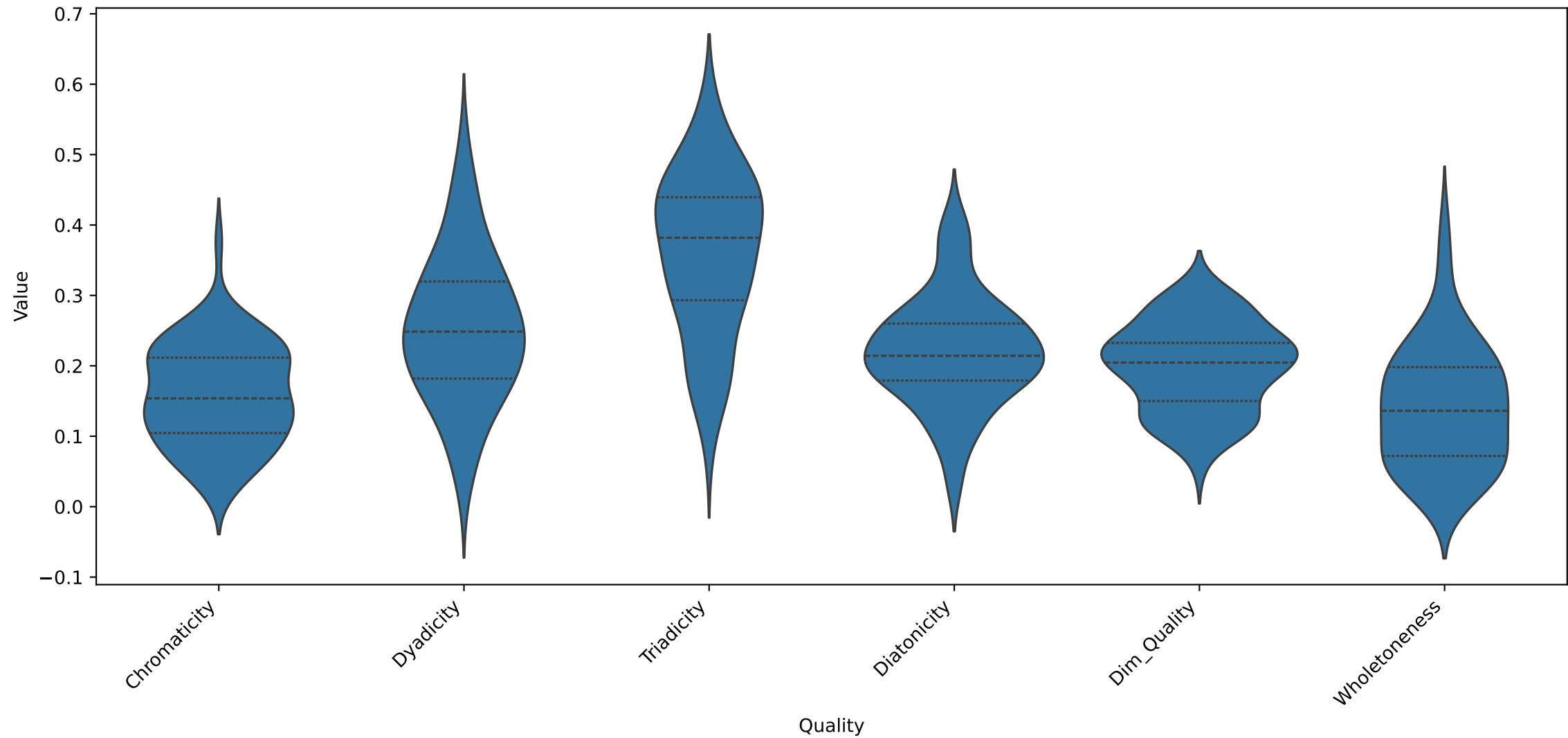
Keyscape



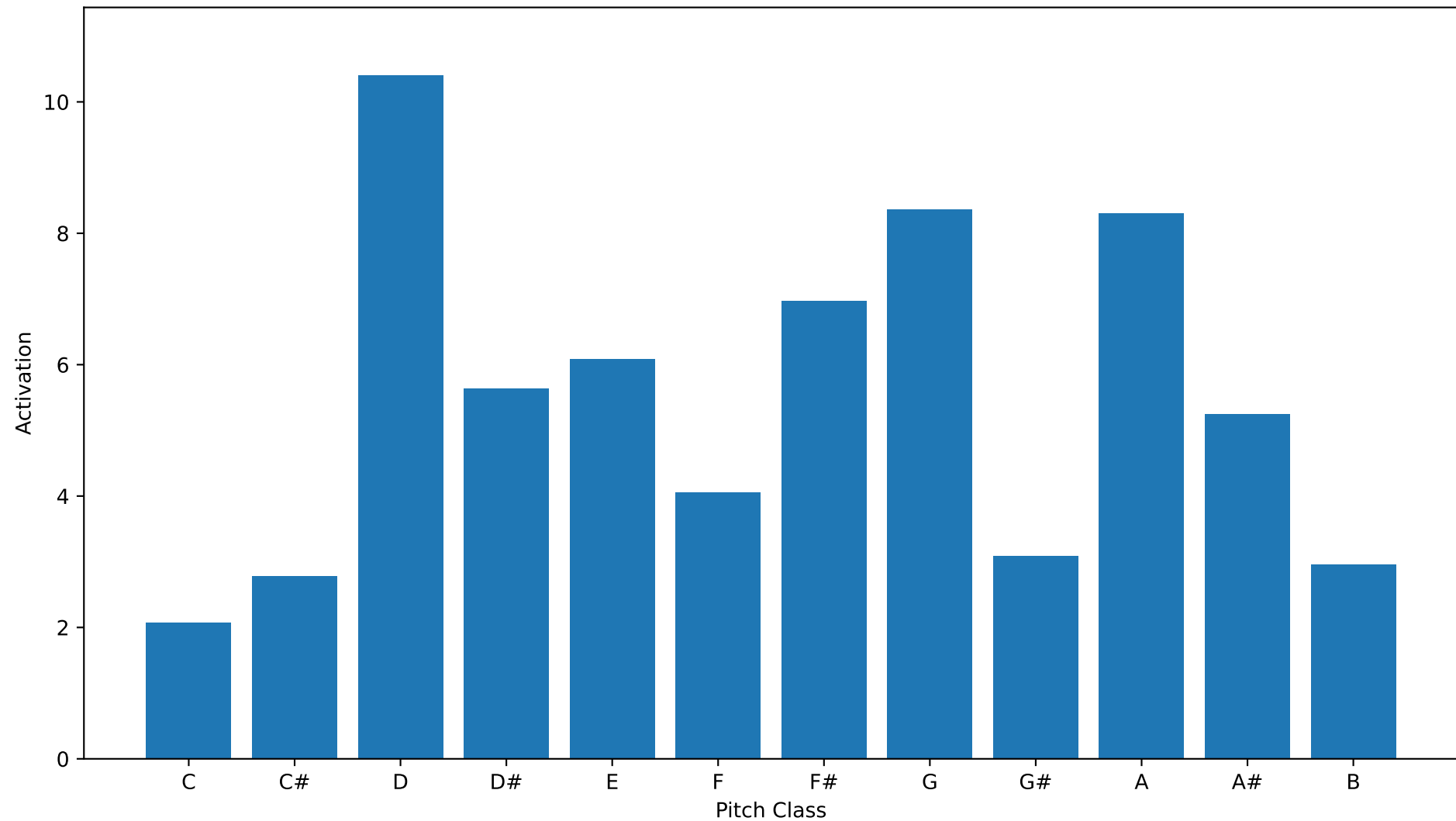
Tonnetz Phase Space (center: D)



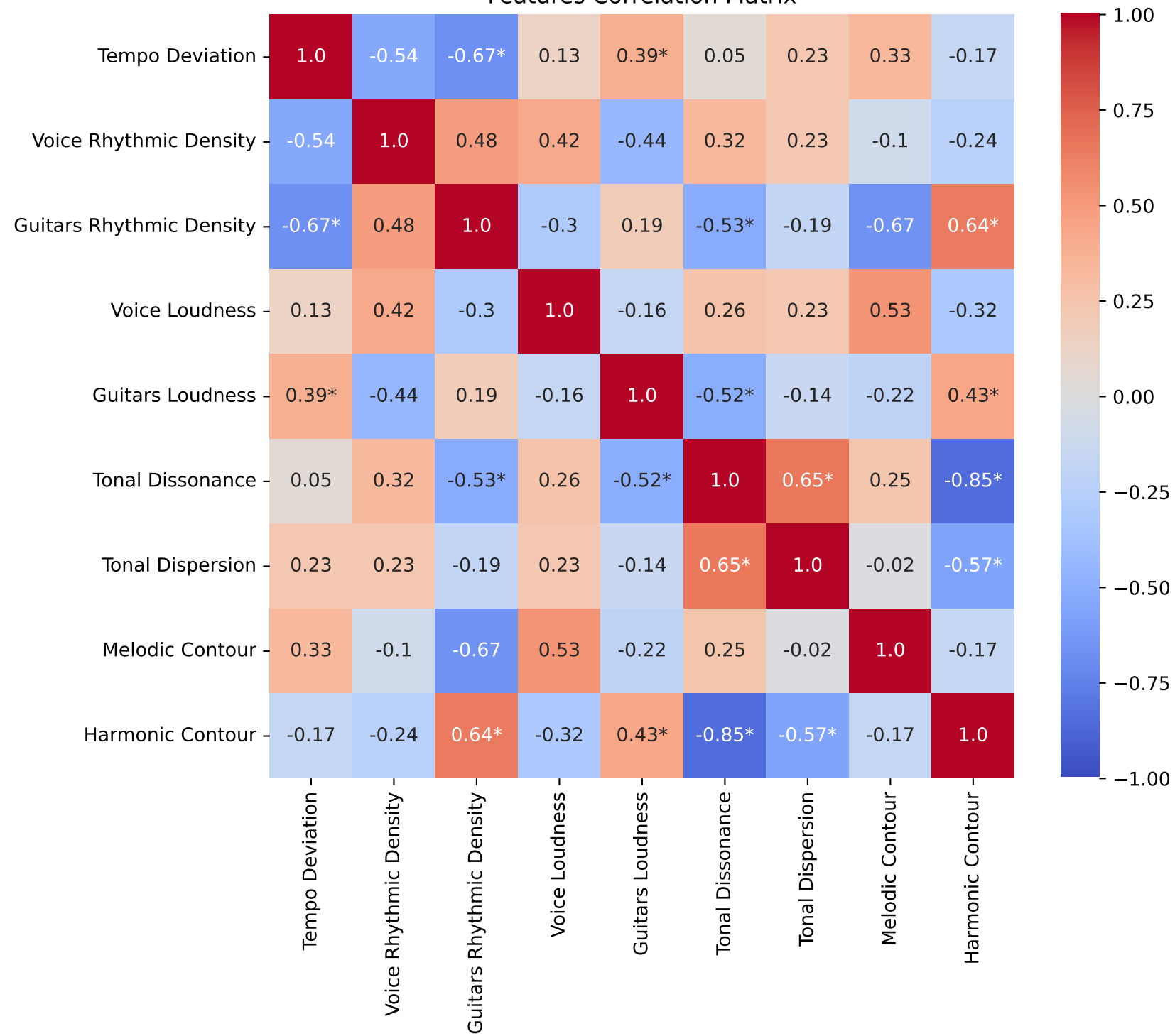
Distribution of Tonal Qualities

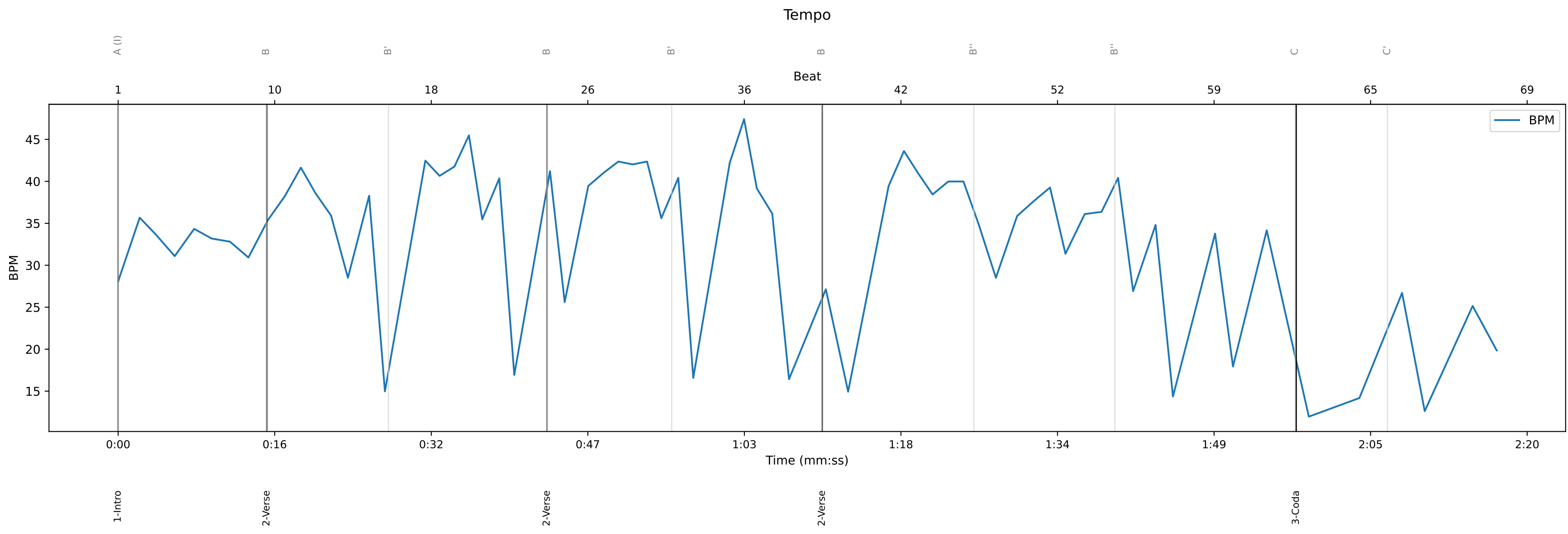


Global Chroma Vector (Section 2)

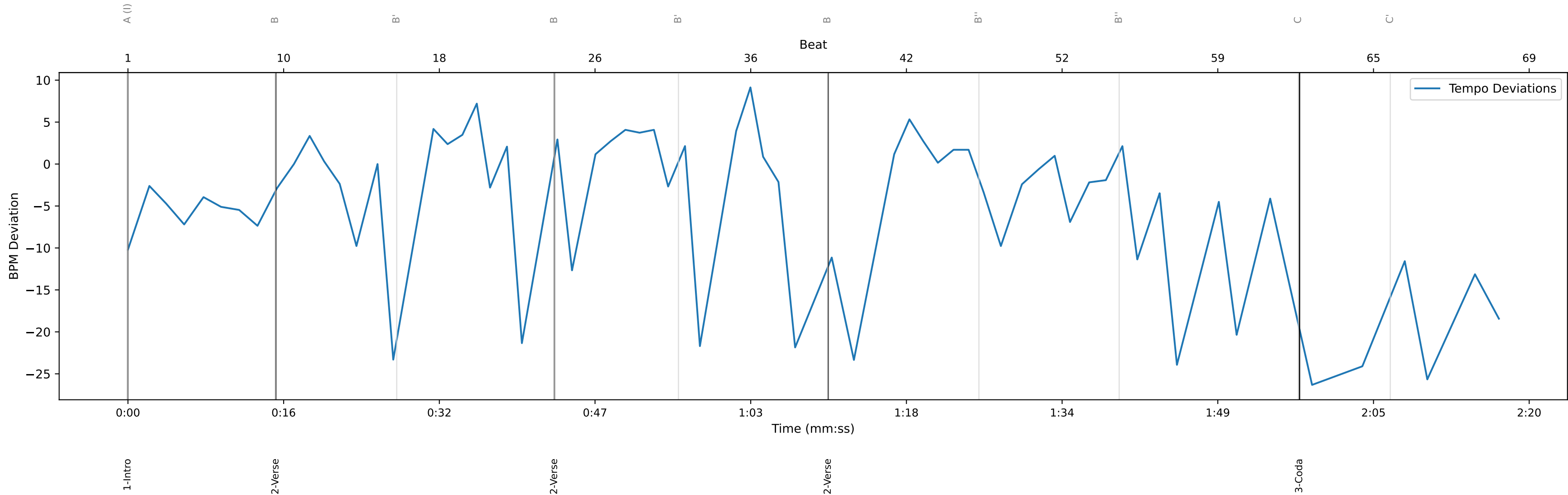


Features Correlation Matrix

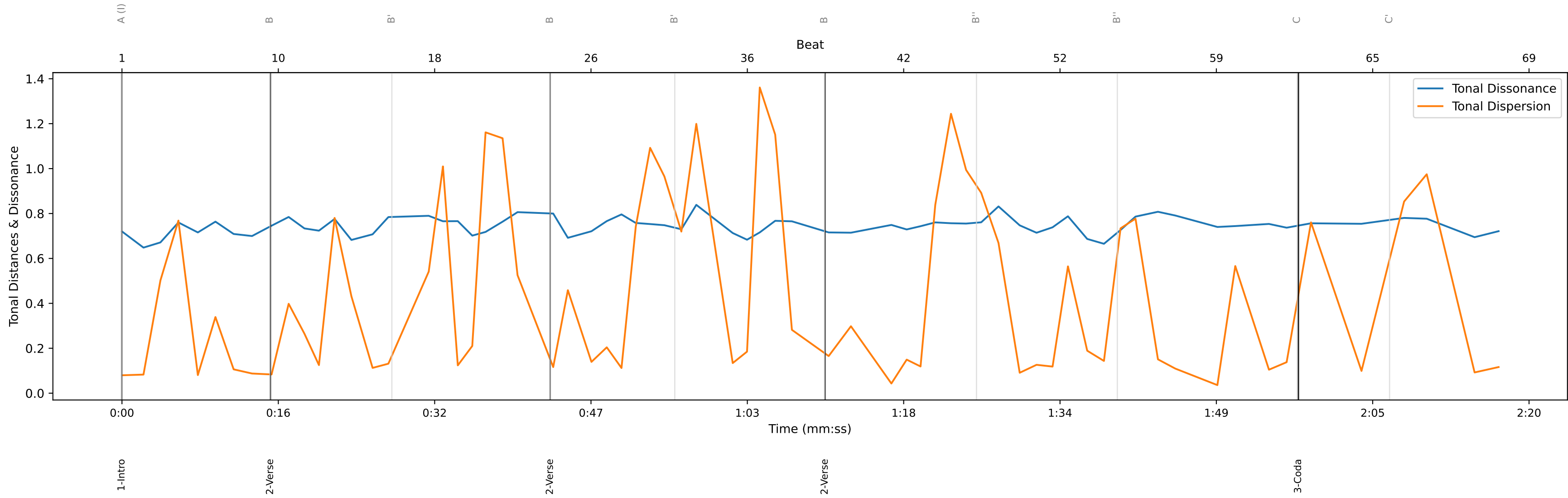


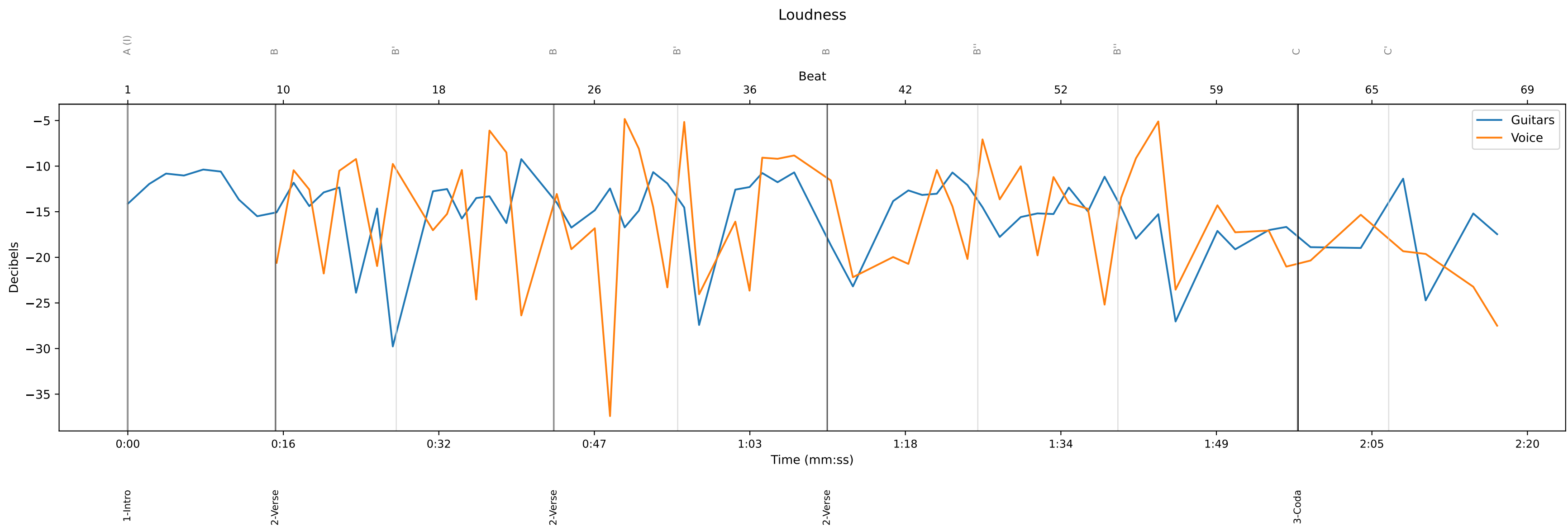


Tempo Deviations

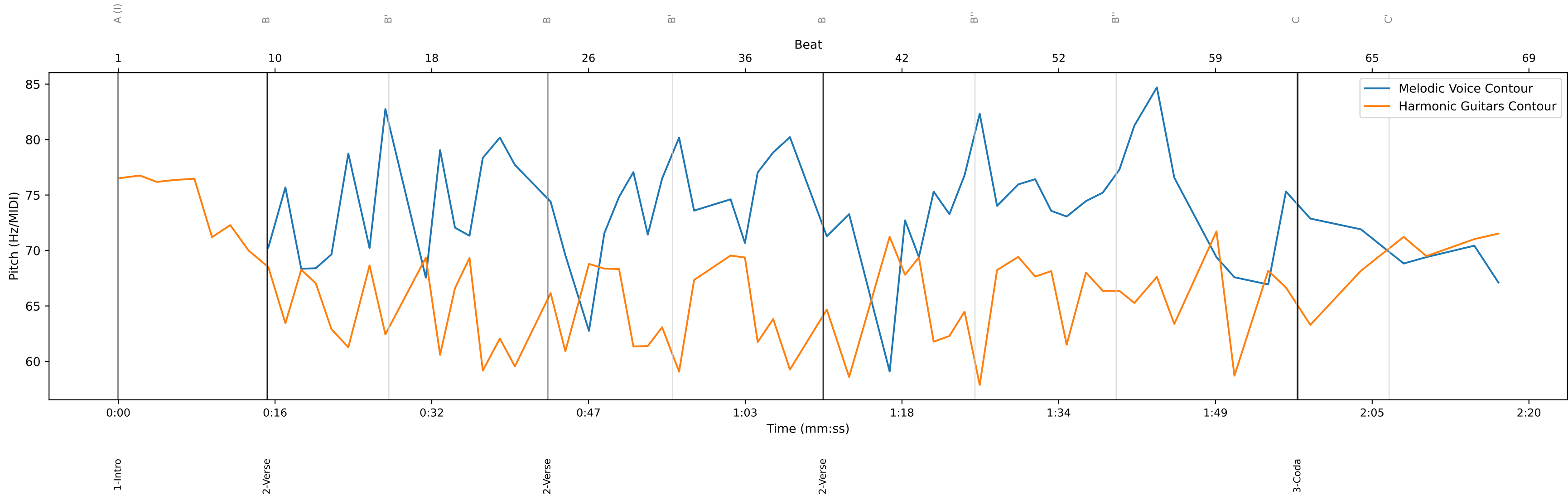


Harmonic Features

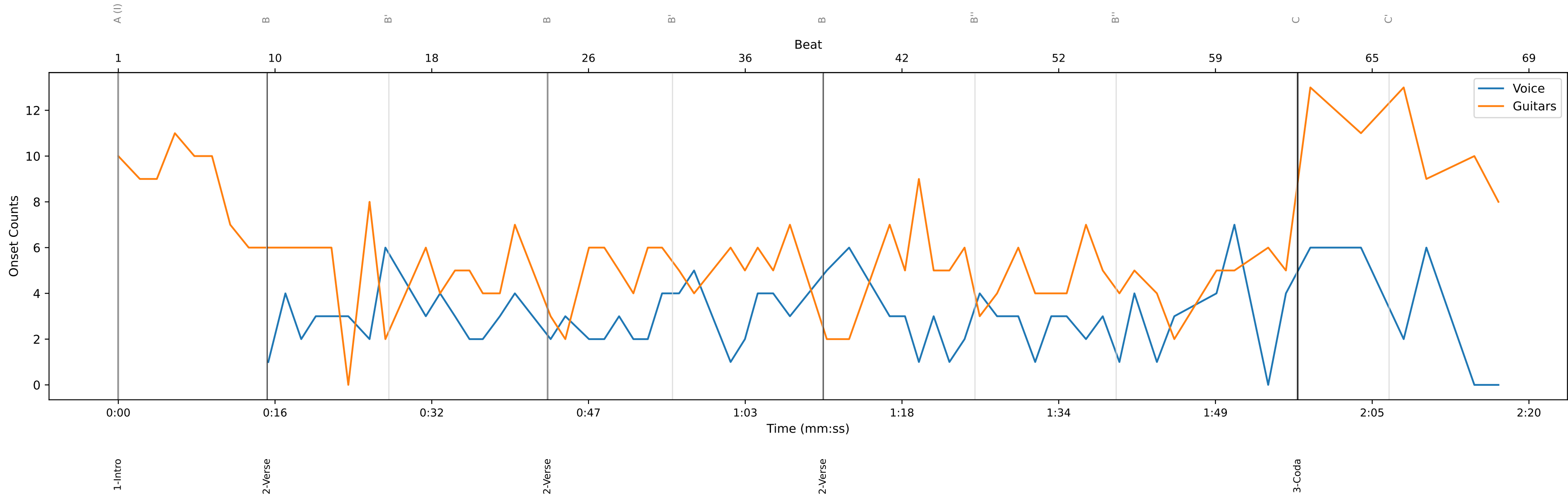




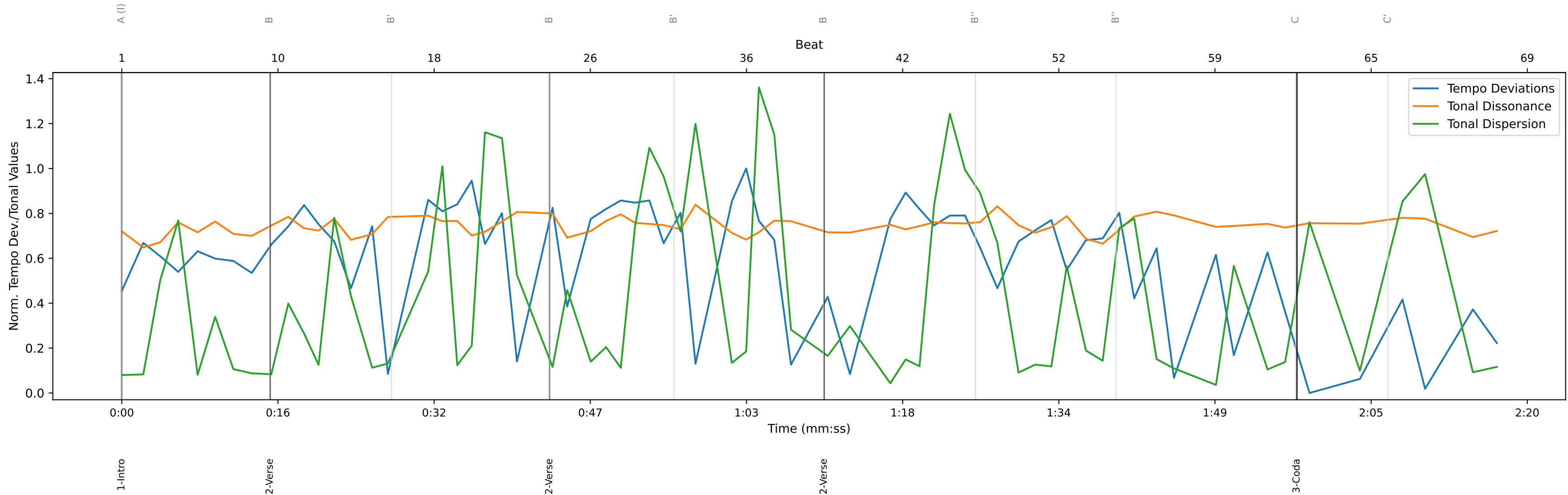
Melodic Voice and Harmonic Guitars Contour



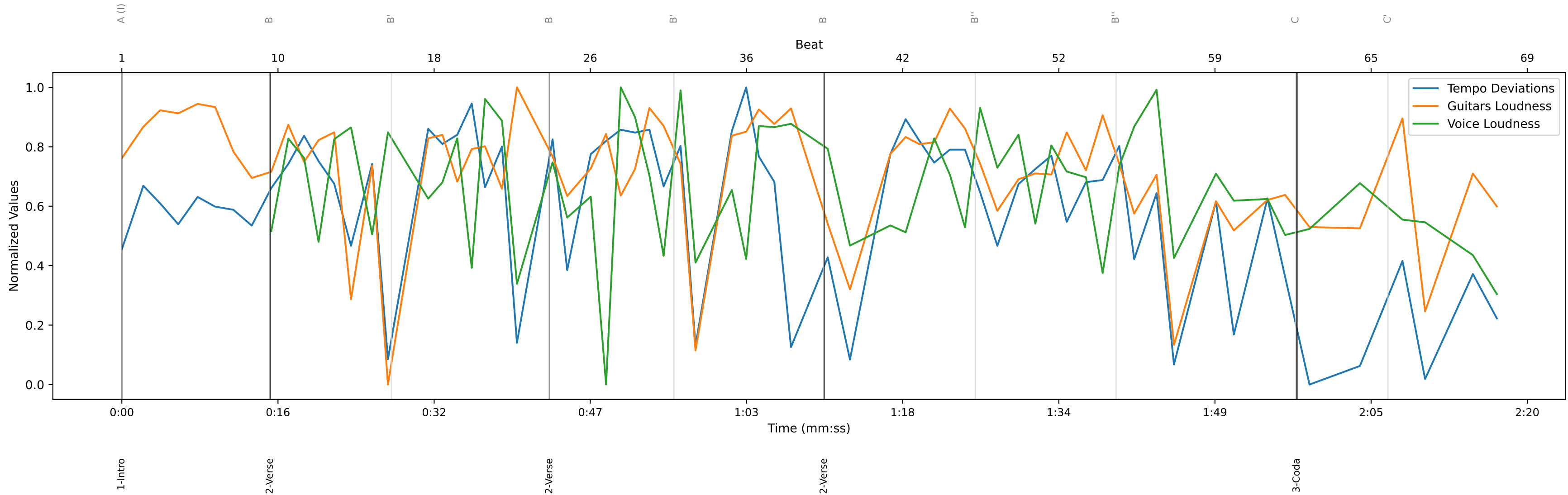
Rhythmic Density



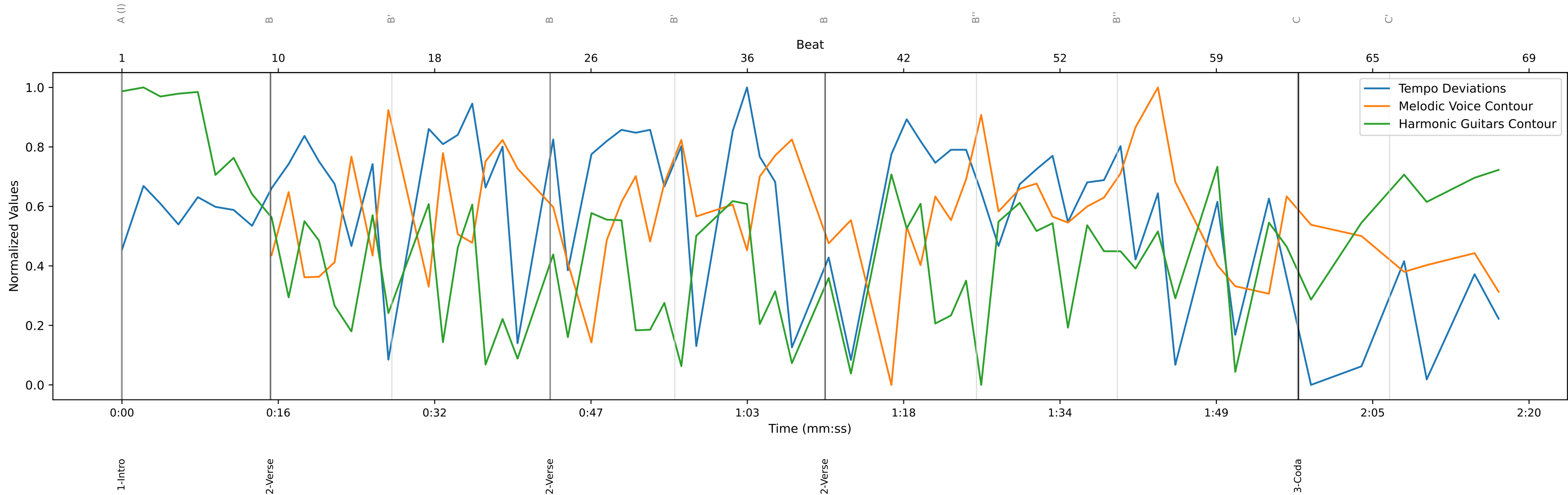
Rhythmic and Harmonic Features



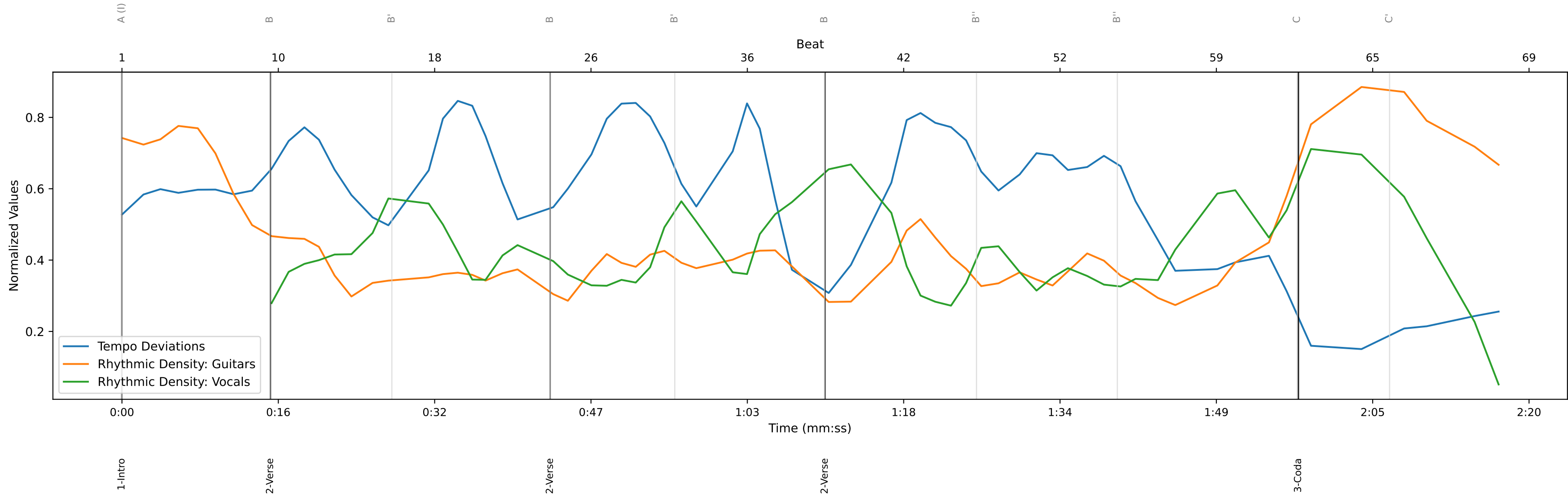
Loudness Curves and Tempo Deviations



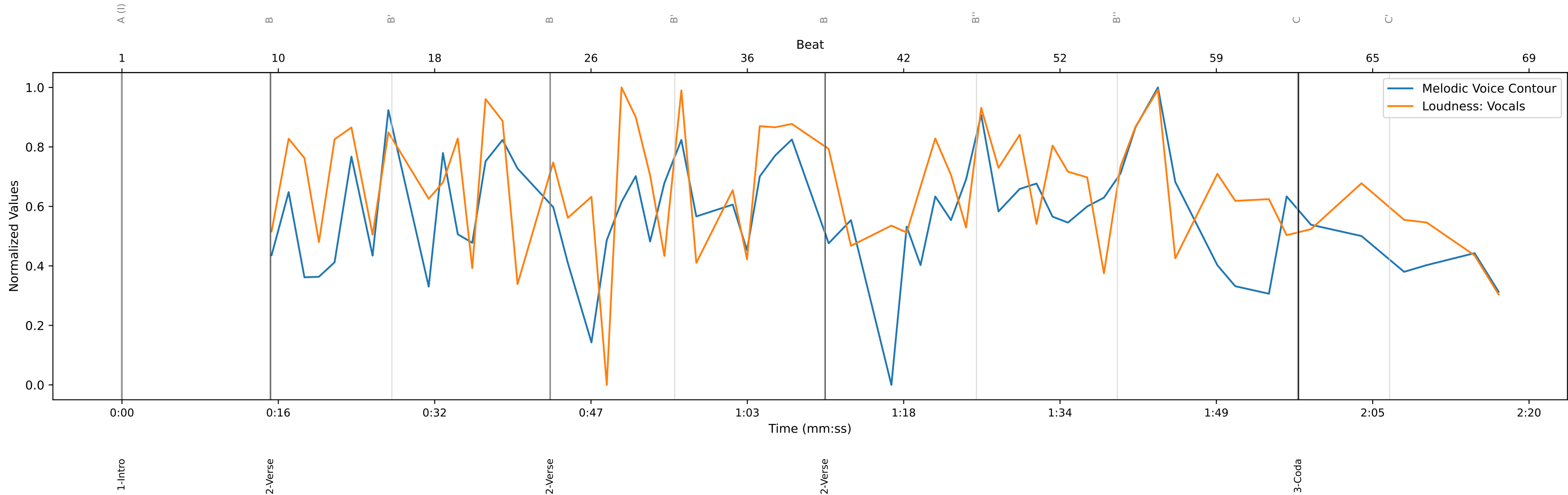
Melodic/Harmonic Contours and Tempo Deviations



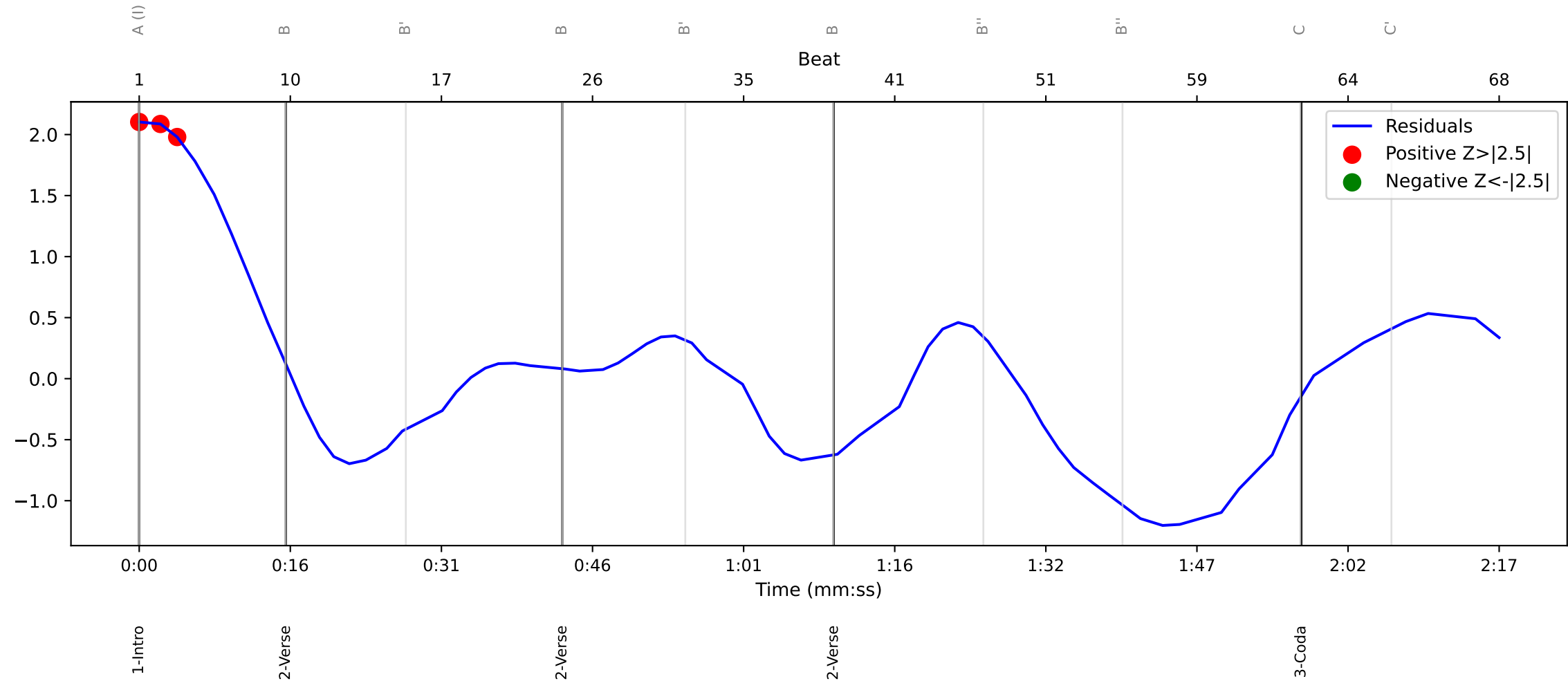
Rhythmic Density and Tempo Deviations



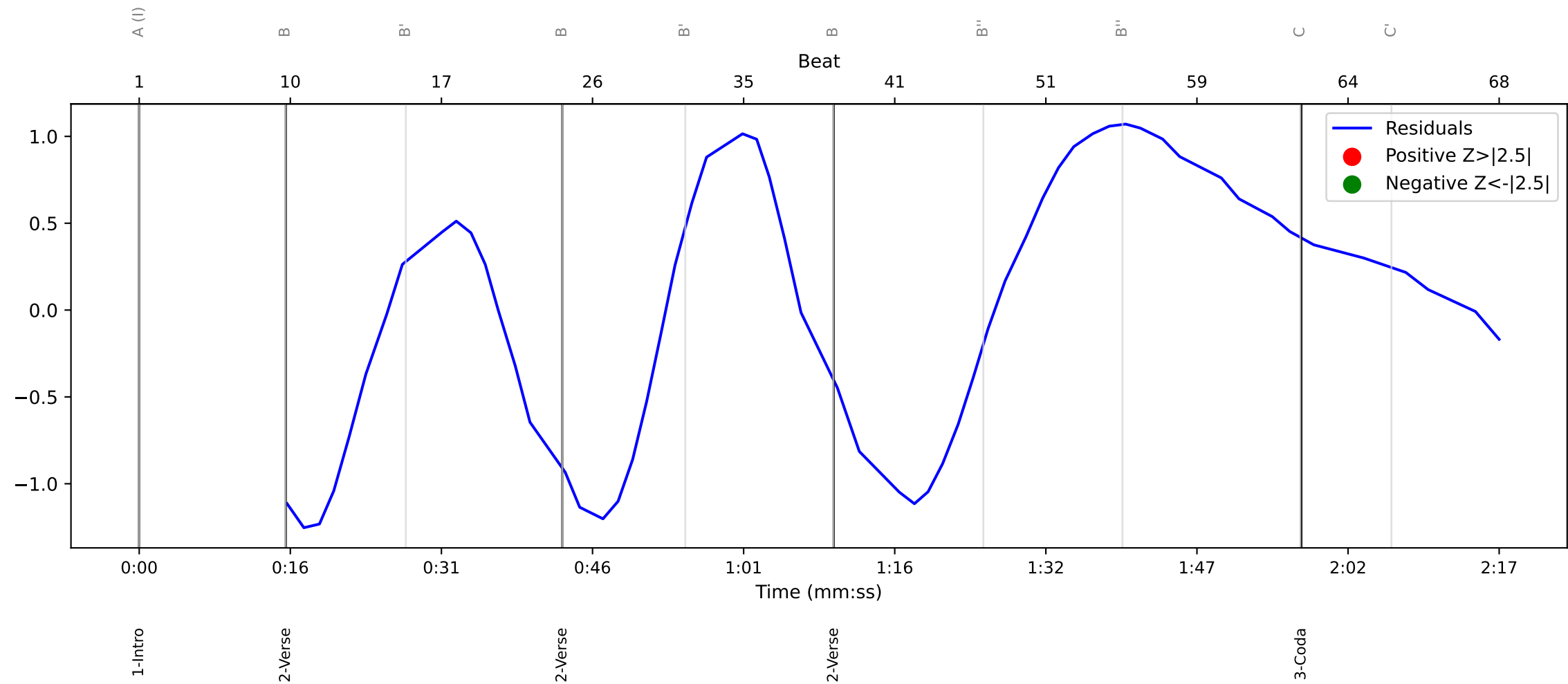
Melodic Voice Contour and Voice Loudness



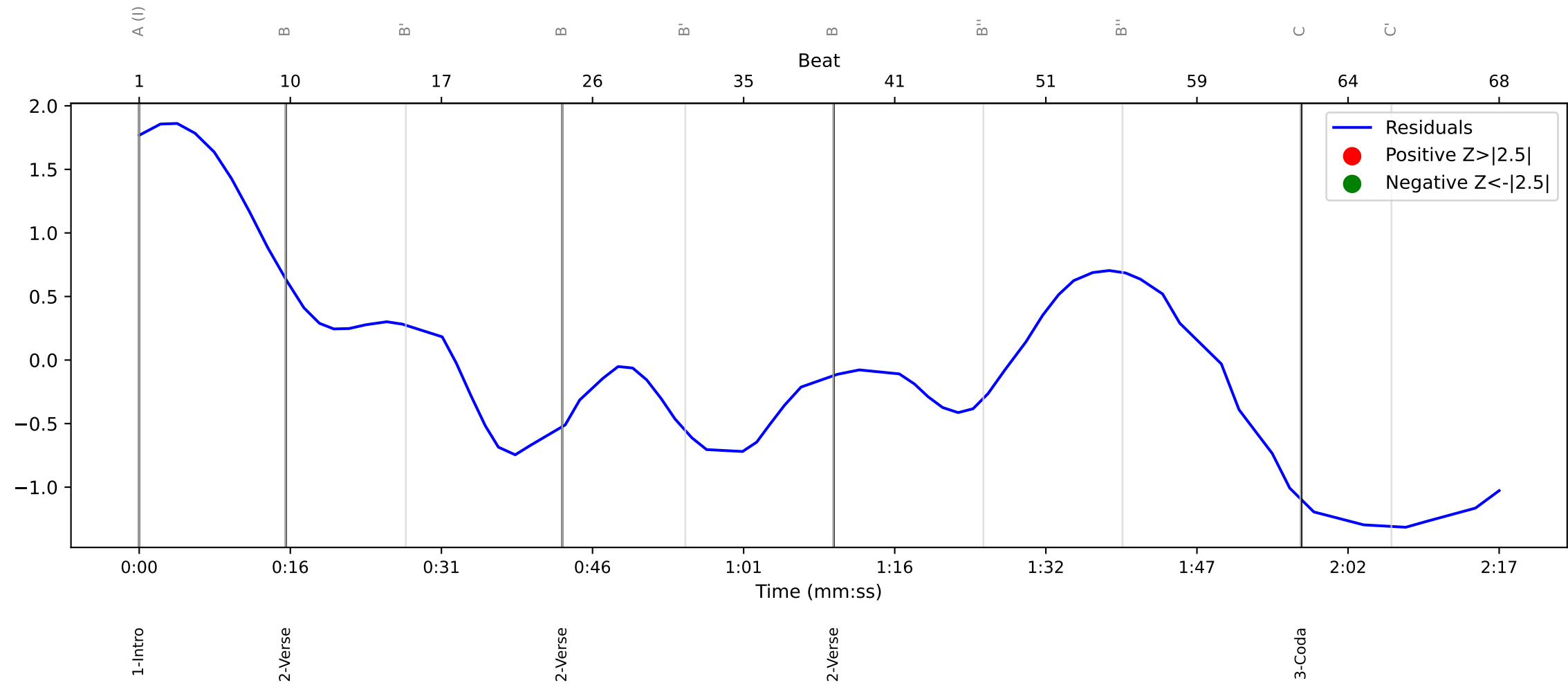
Tempo Deviation vs. Guitars Rhythmic Density (EMD Corr: -0.67)



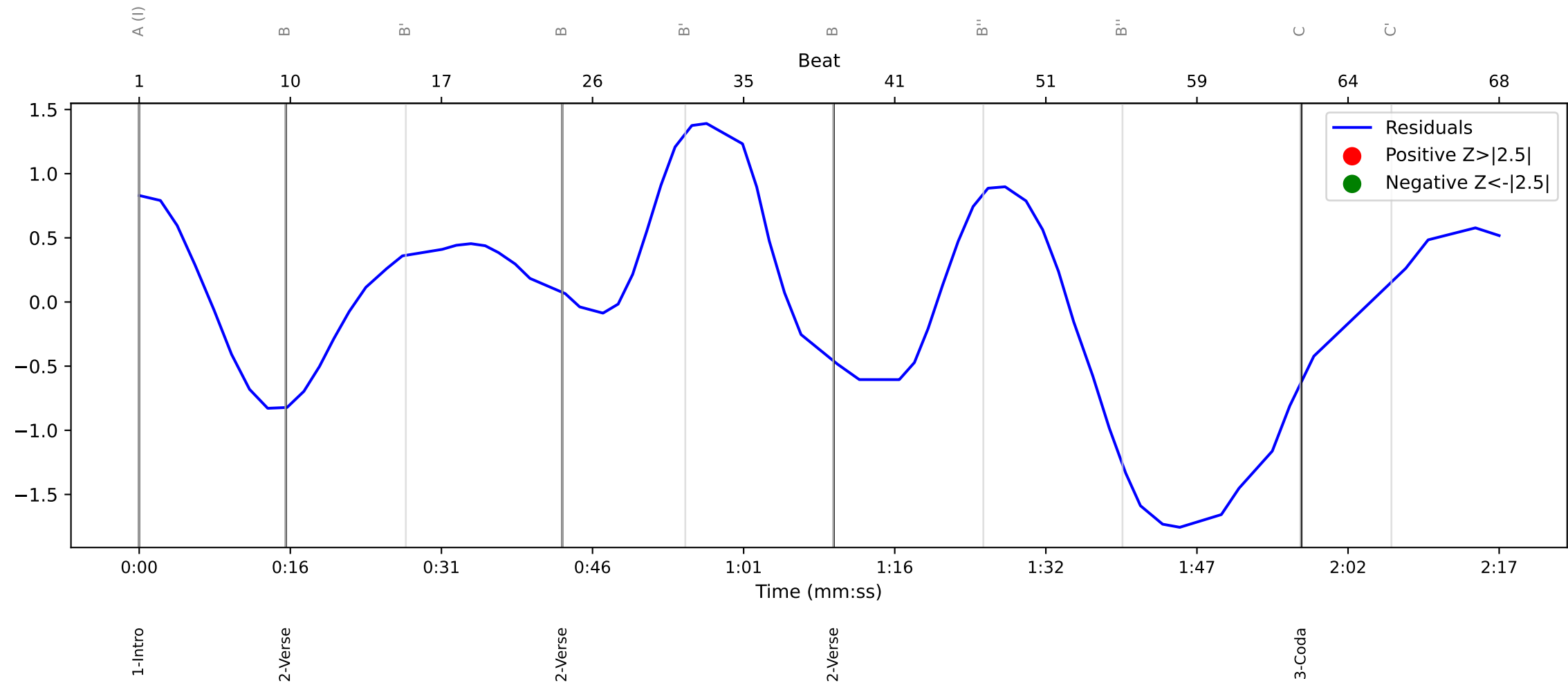
Guitars Rhythmic Density vs. Melodic Contour (EMD Corr: -0.67)



Guitars Rhythmic Density vs. Harmonic Contour (EMD Corr: 0.64)



Tonal Dissonance vs. Tonal Dispersion (EMD Corr: 0.65)



Tonal Dissonance vs. Harmonic Contour (EMD Corr: -0.85)

