

Report

Project: 1967_Luiz Goes/Balada do Mar

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

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

Computed median BPM: 43.29

Beat-Synchronized HCF:

Pearson Correlation Coefficient (R): 0.5126

R-squared (R²): 0.2627

P-value: 0.0000

Frame-Level HCF:

Pearson Correlation Coefficient (R): 0.0360

R-squared (R²): 0.0013

P-value: 0.0002

Beat-Synchronized Chroma Comparison:

Pearson Correlation Coefficient (R): 0.6518

R-squared (R²): 0.4248

P-value: 0.0000

Sum of Absolute Differences: 205.9777

Sum of Squared Differences: 106.4395

Sensory Dissonance and Tonal Dissonance:

Pearson Correlation Coefficient (R): -0.0640

R-squared (R²): 0.0041

P-value: 0.5751

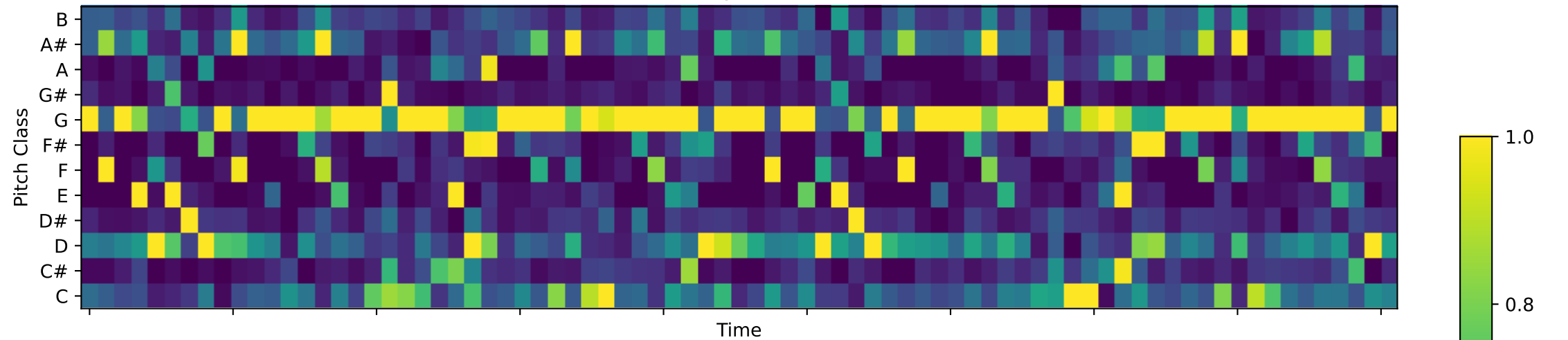
Tonal Dispersion (Audio vs. Ground Truth):

Pearson Correlation Coefficient (R): 0.5748

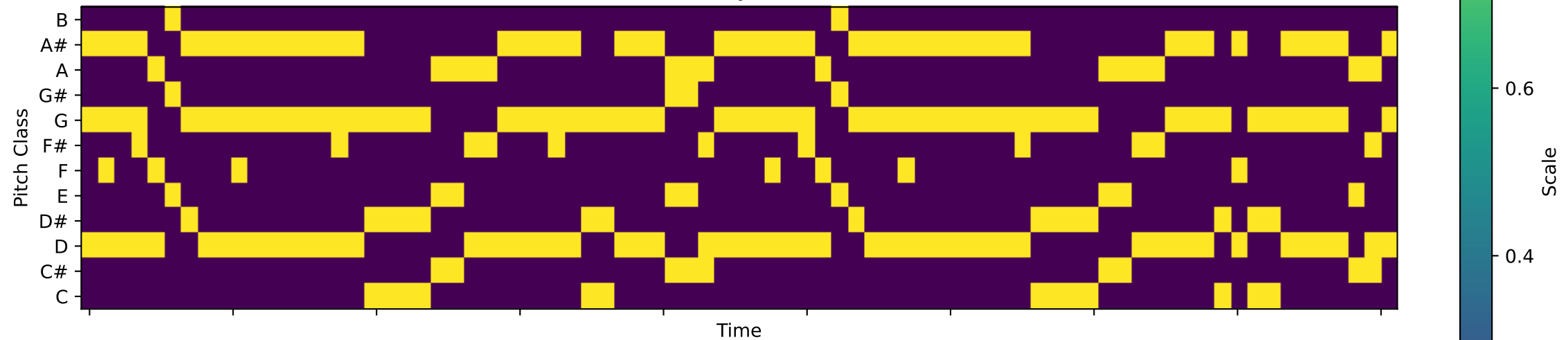
R-squared (R²): 0.3304

P-value: 0.0000

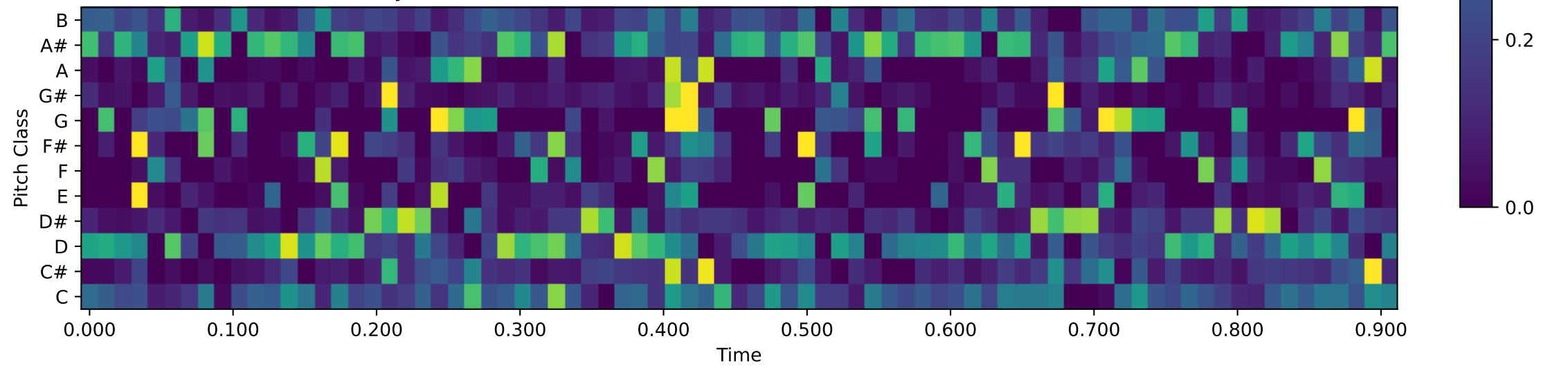
Calculated Beat-Synchronized Chroma



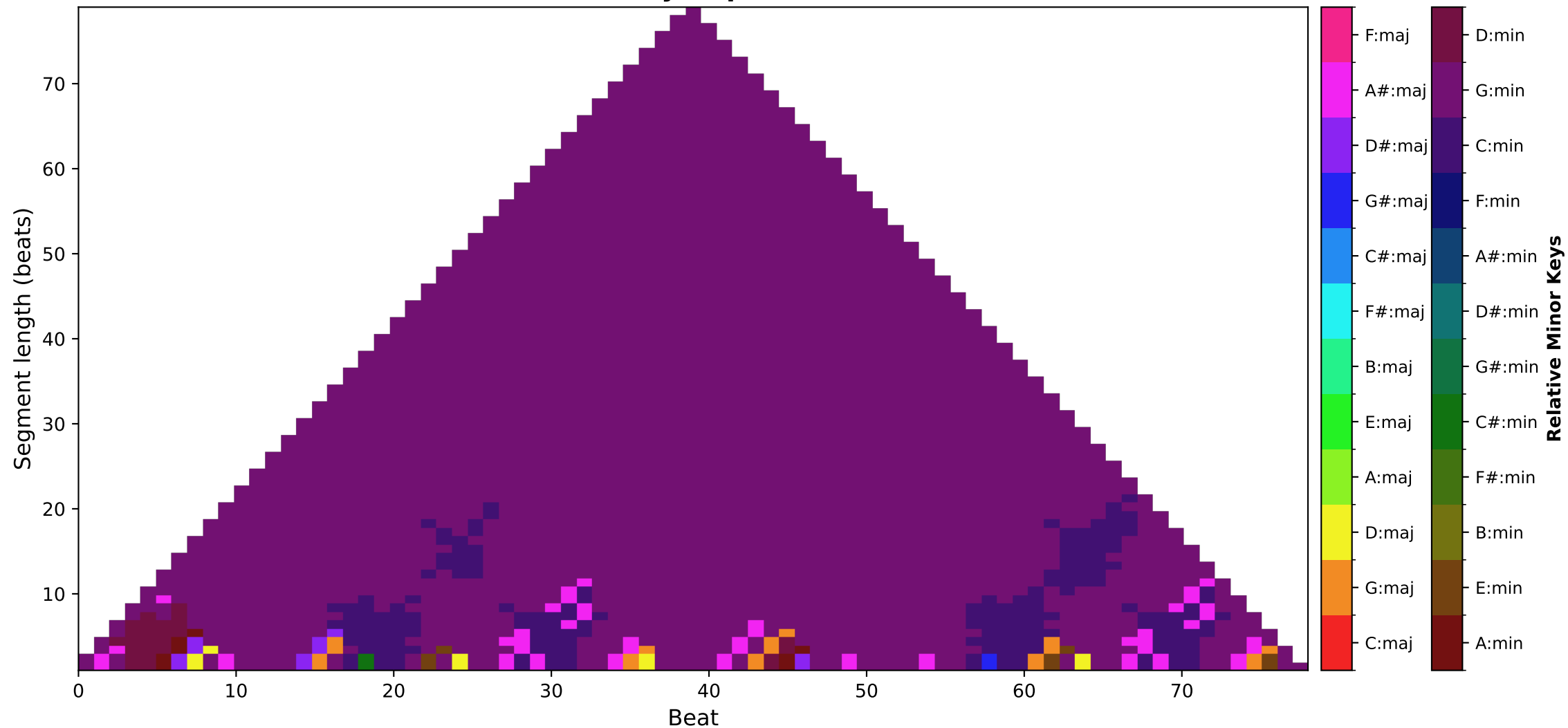
Ground Truth Beat-Synchronized Chroma



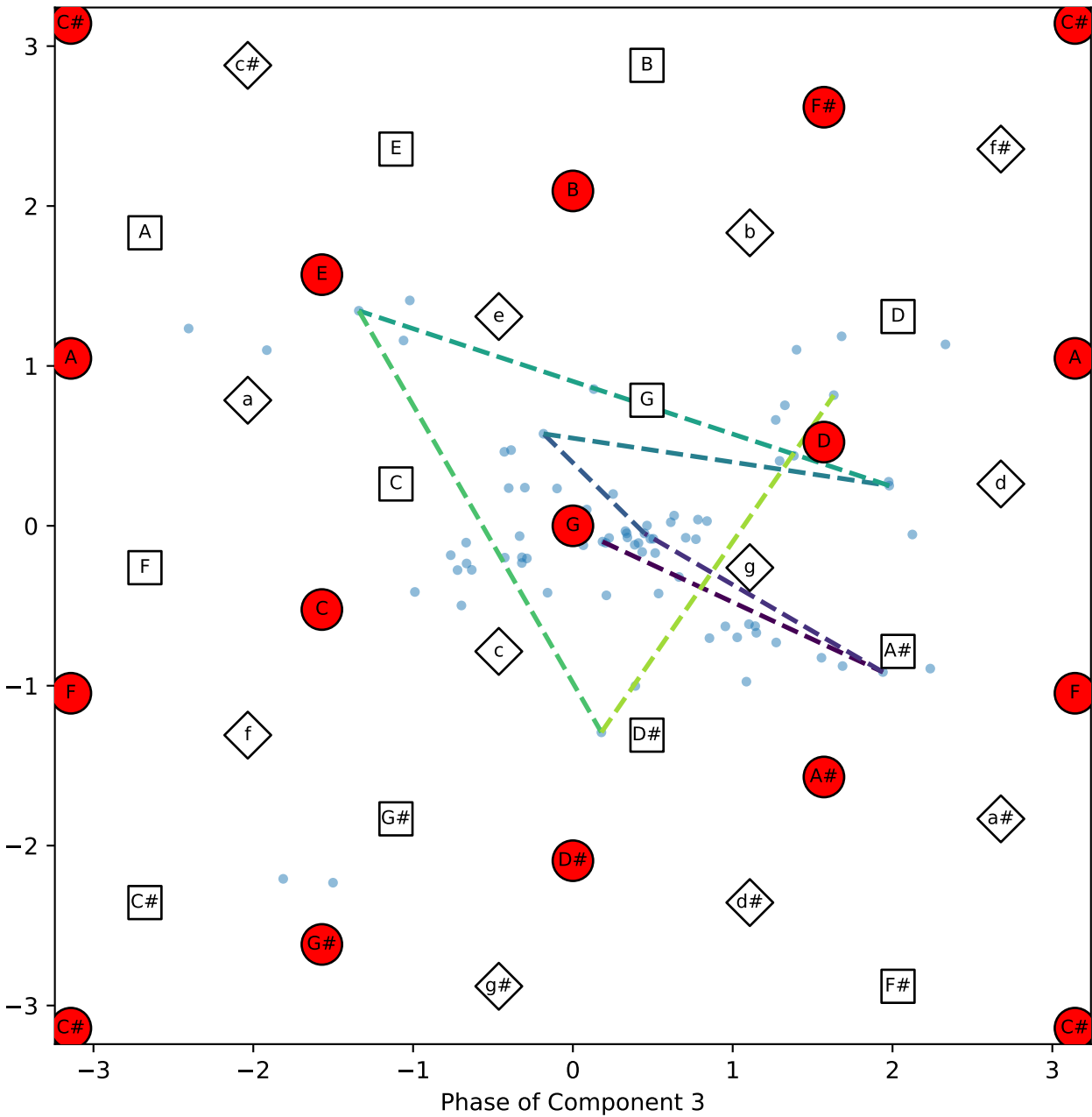
Beat-Synchronized Chroma Absolute Difference (Calculated - Ground Truth)



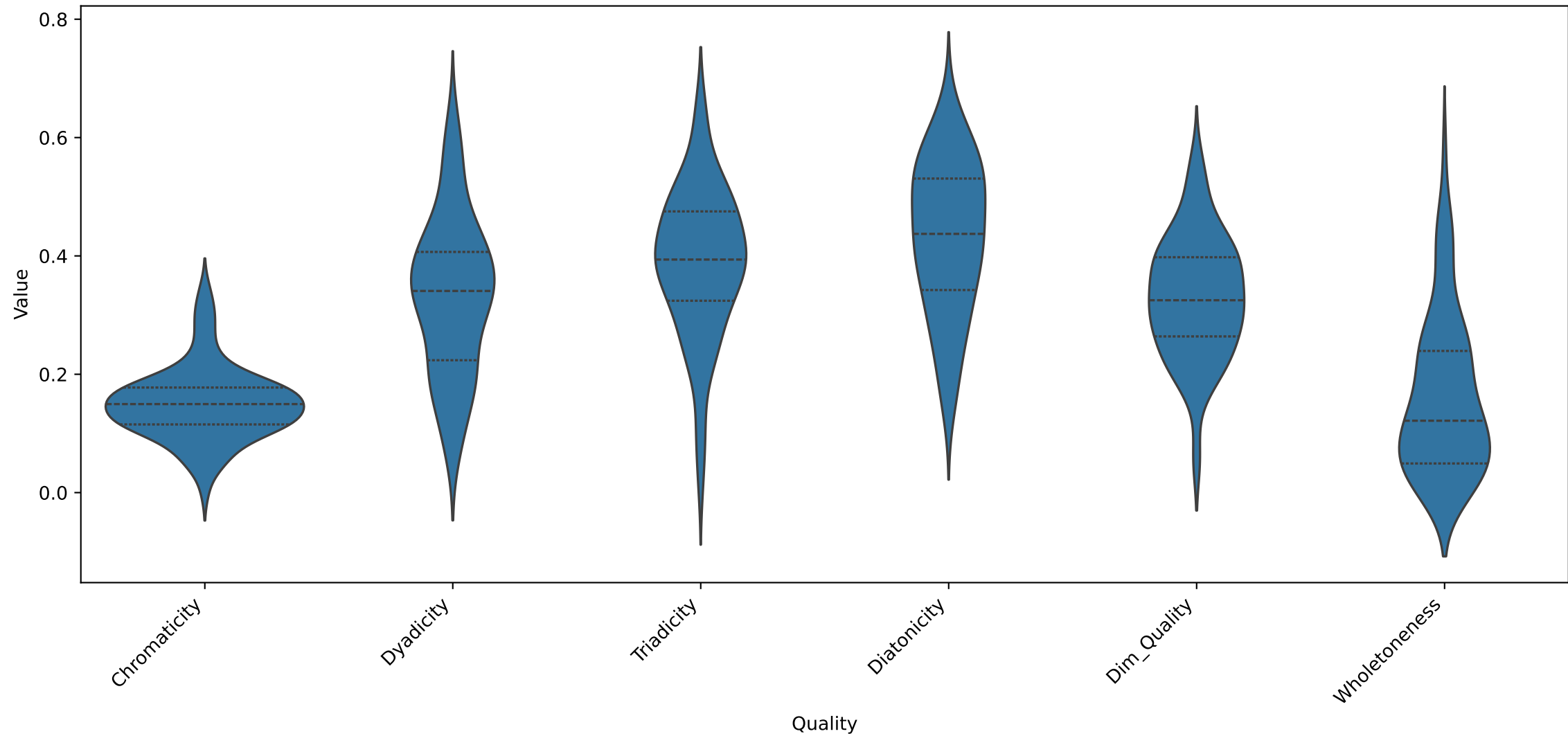
Keyscape



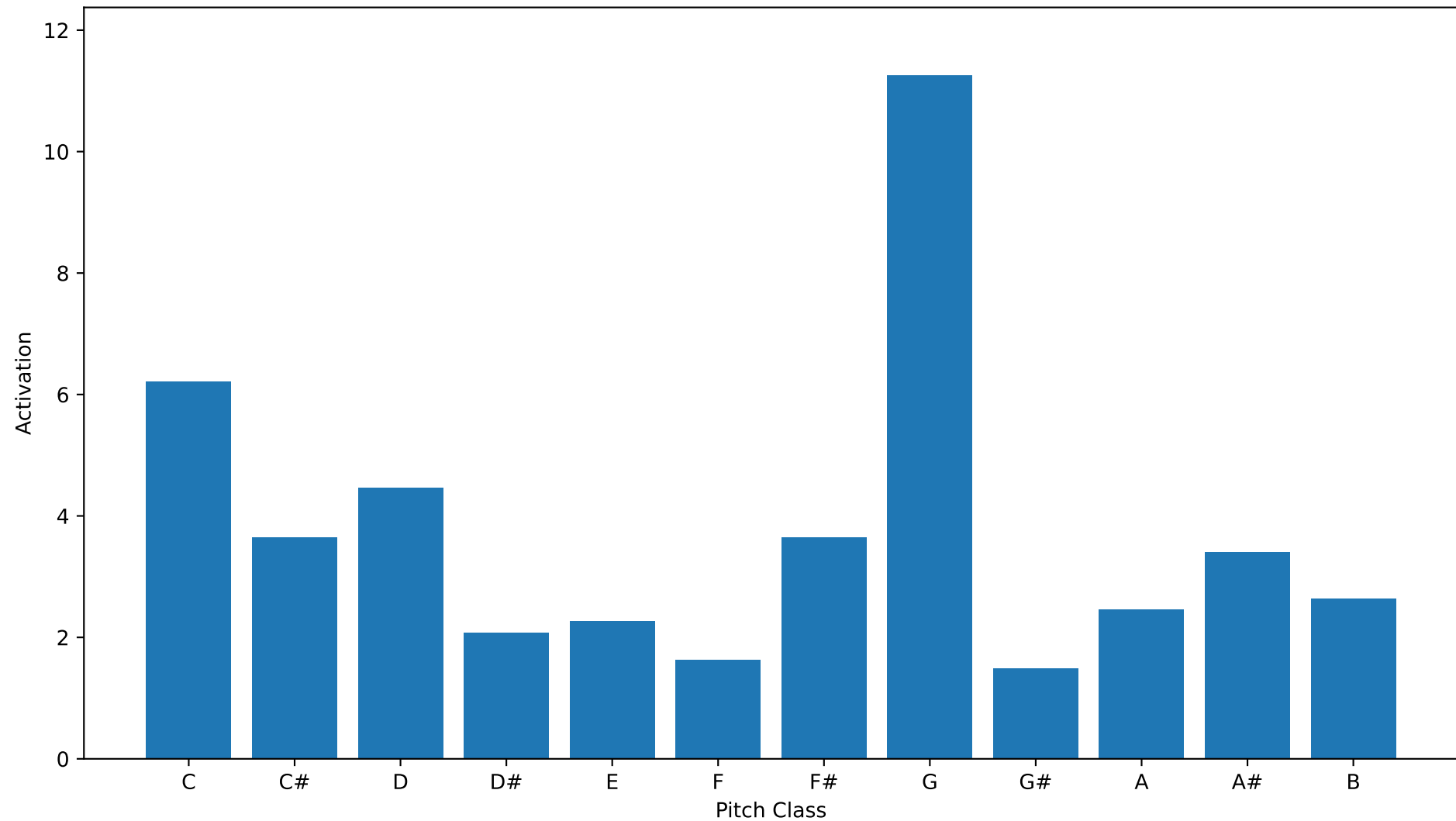
Tonnetz Phase Space (center: G)



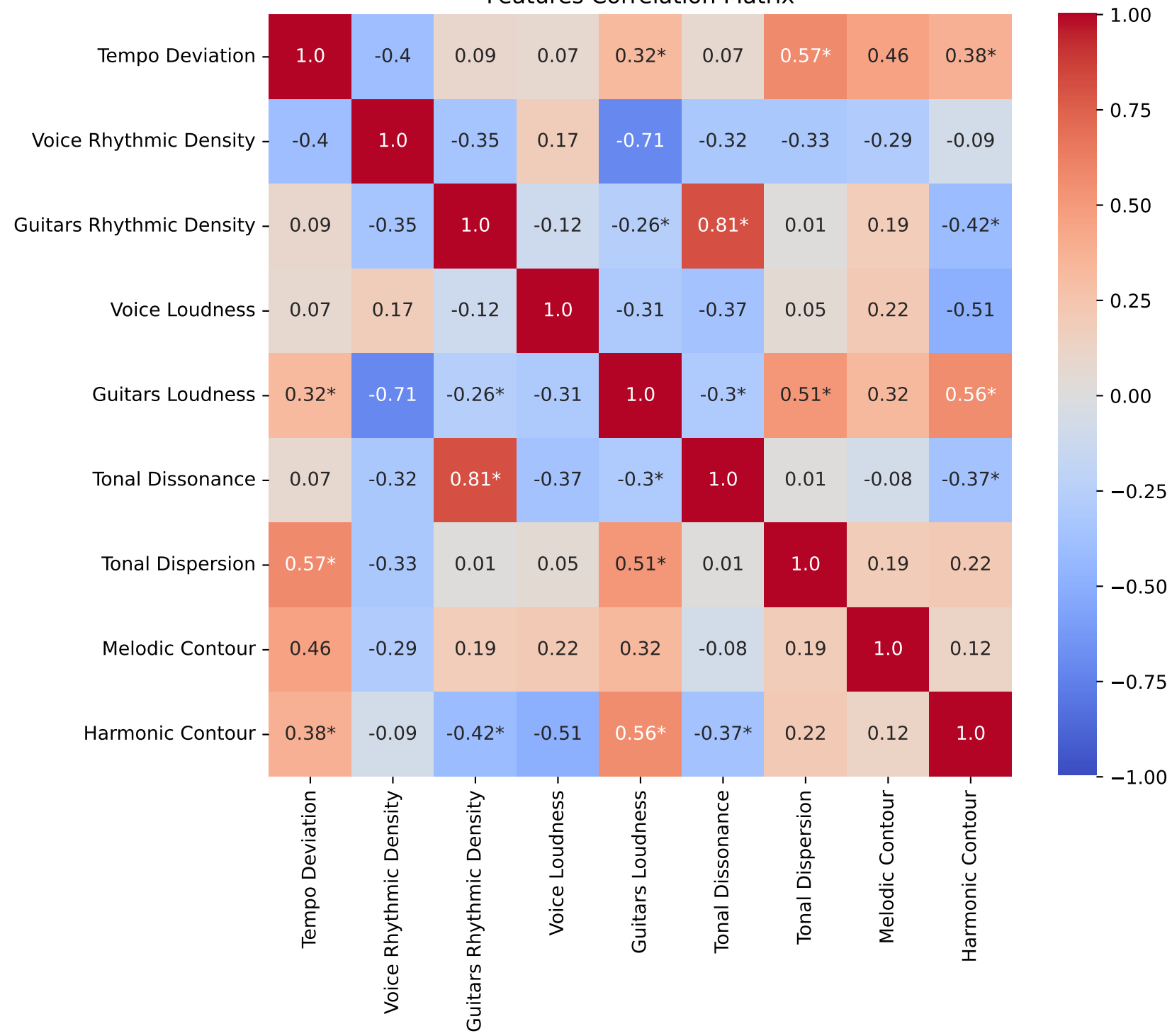
Distribution of Tonal Qualities

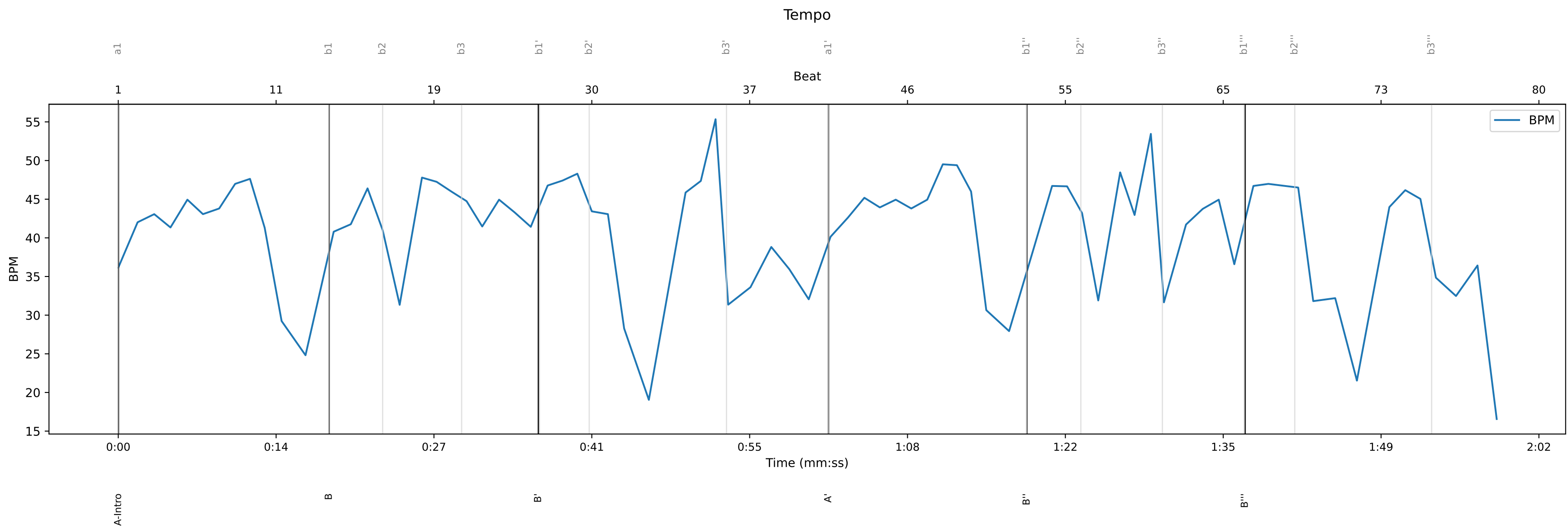


Global Chroma Vector (Section 2)

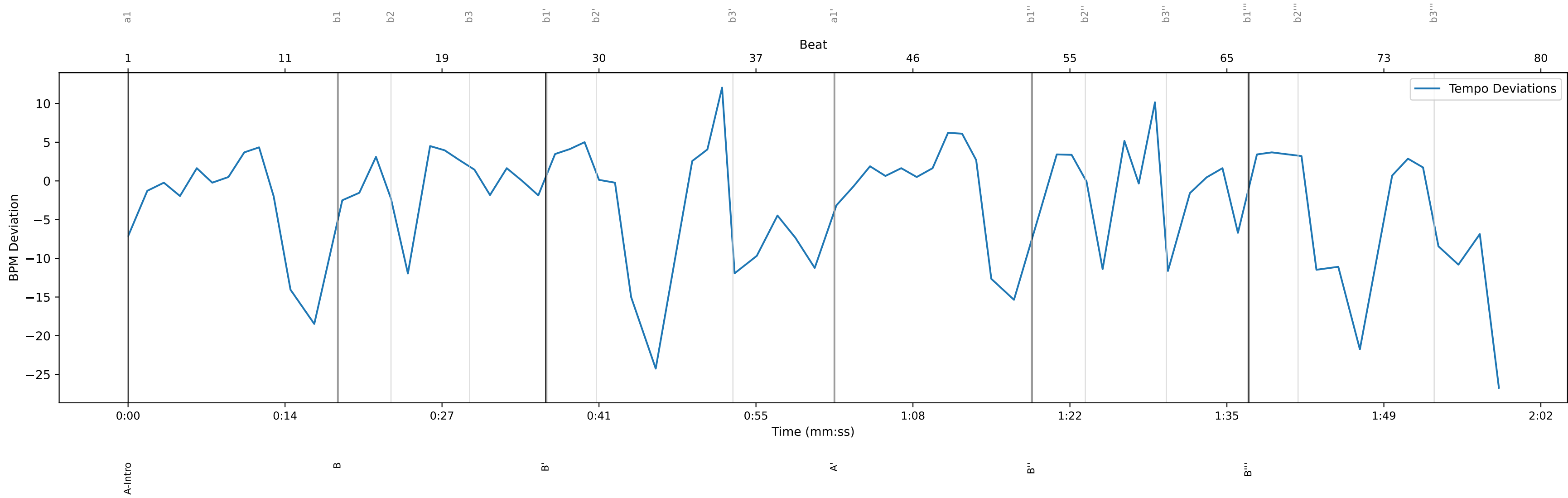


Features Correlation Matrix

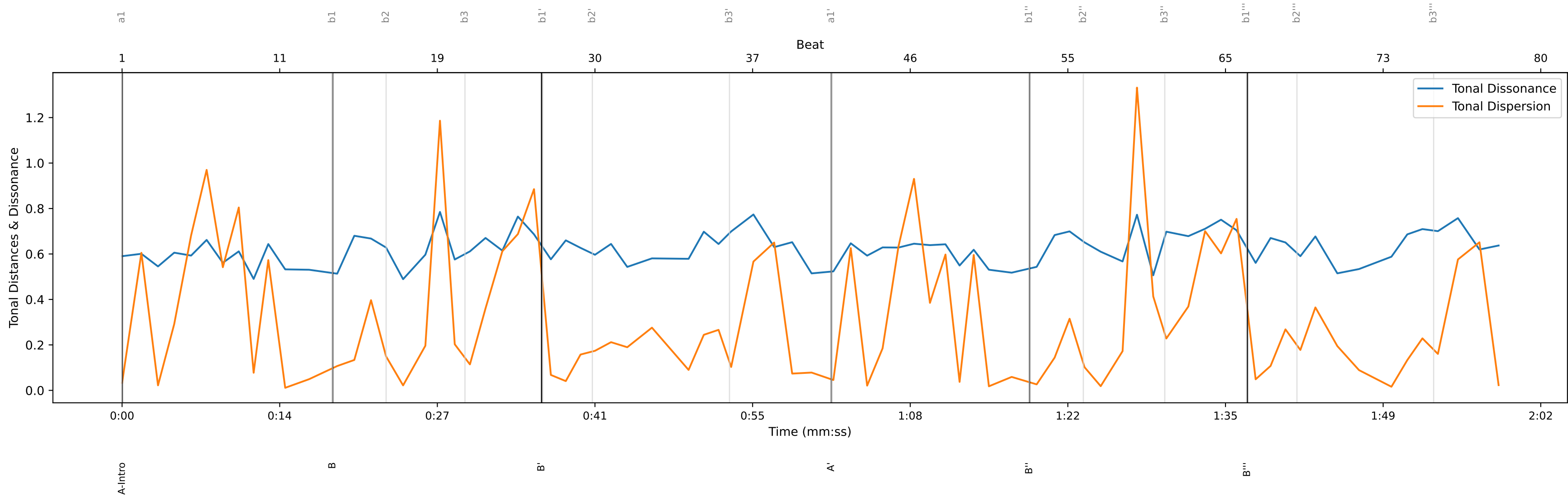


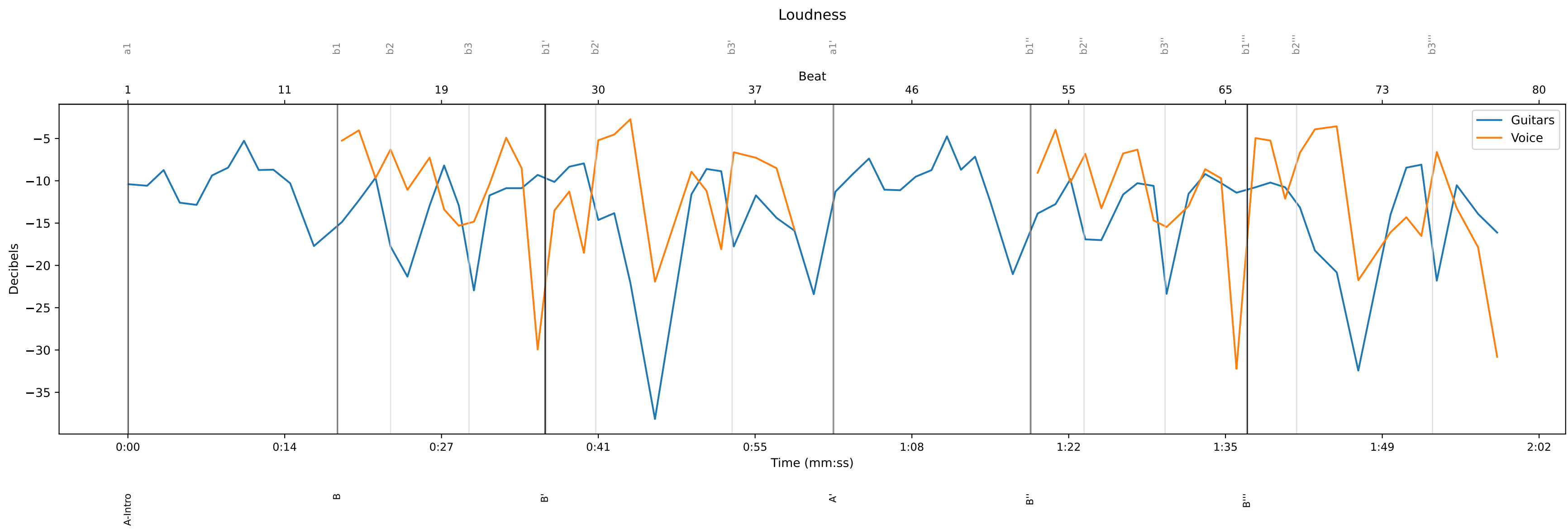


Tempo Deviations

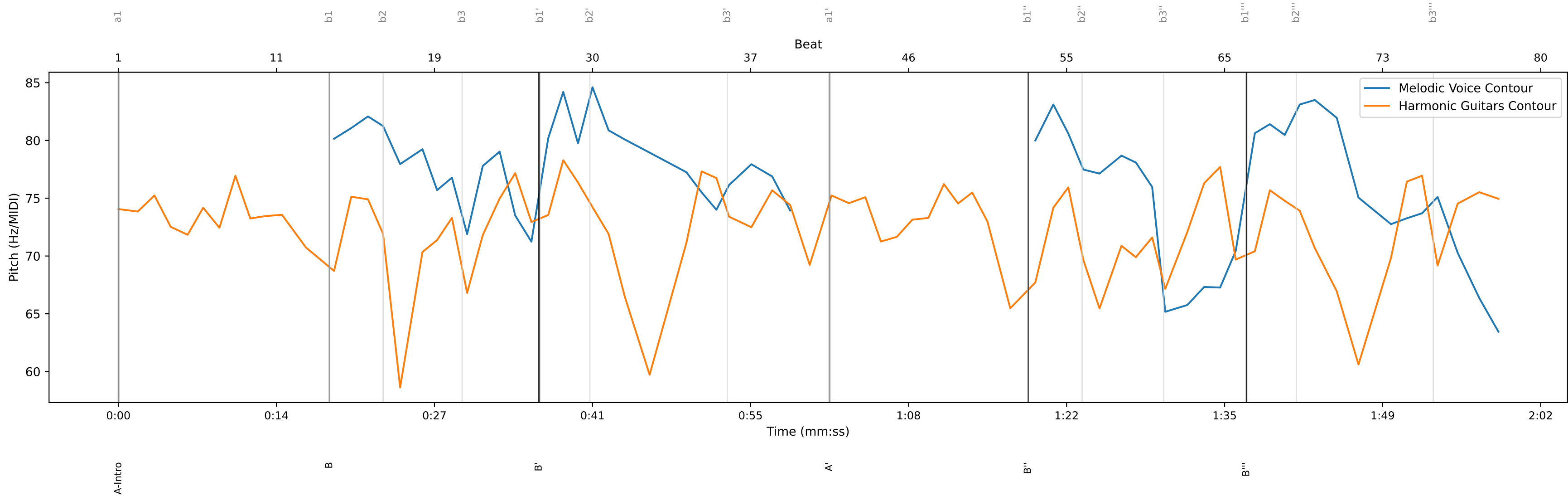


Harmonic Features

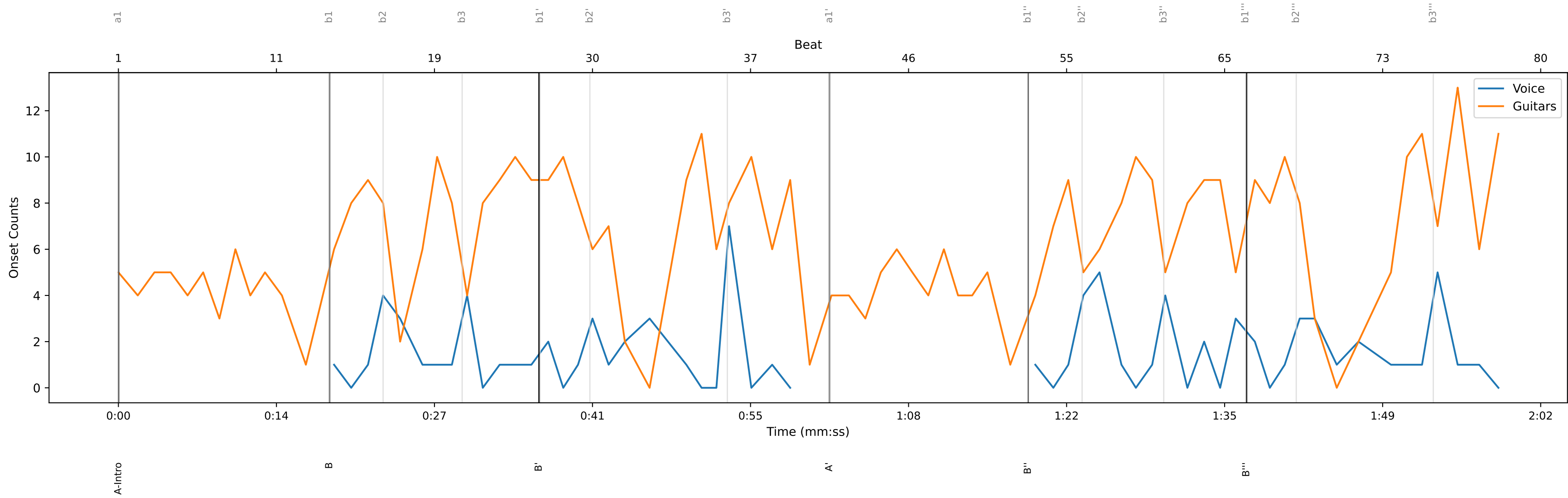




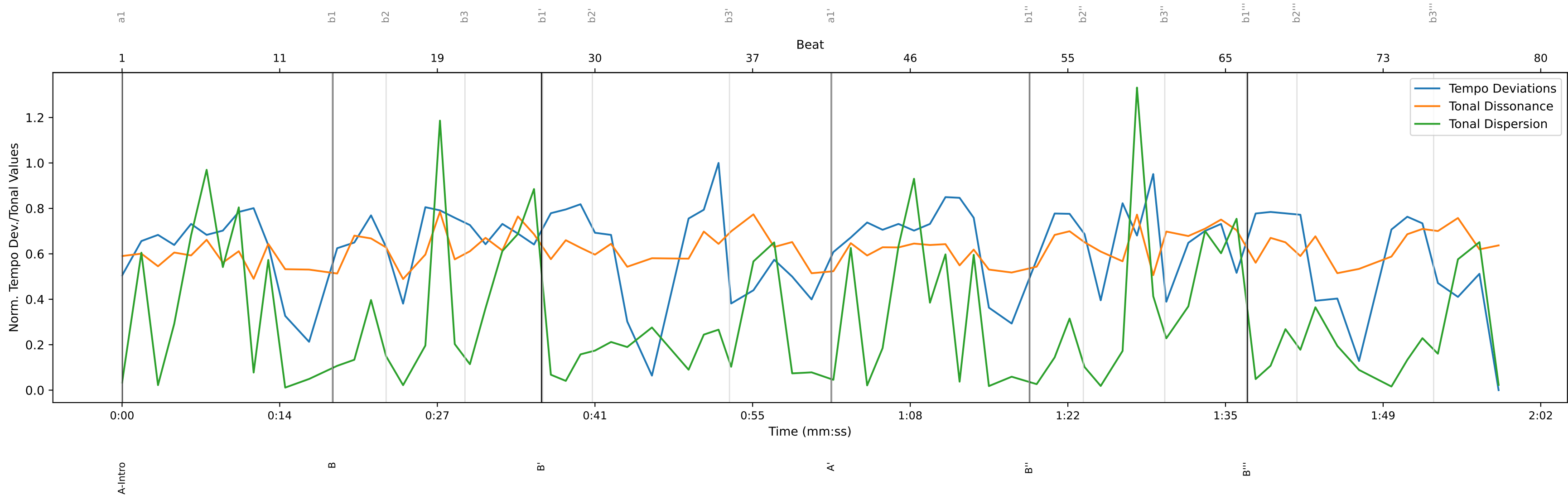
Melodic Voice and Harmonic Guitars Contour



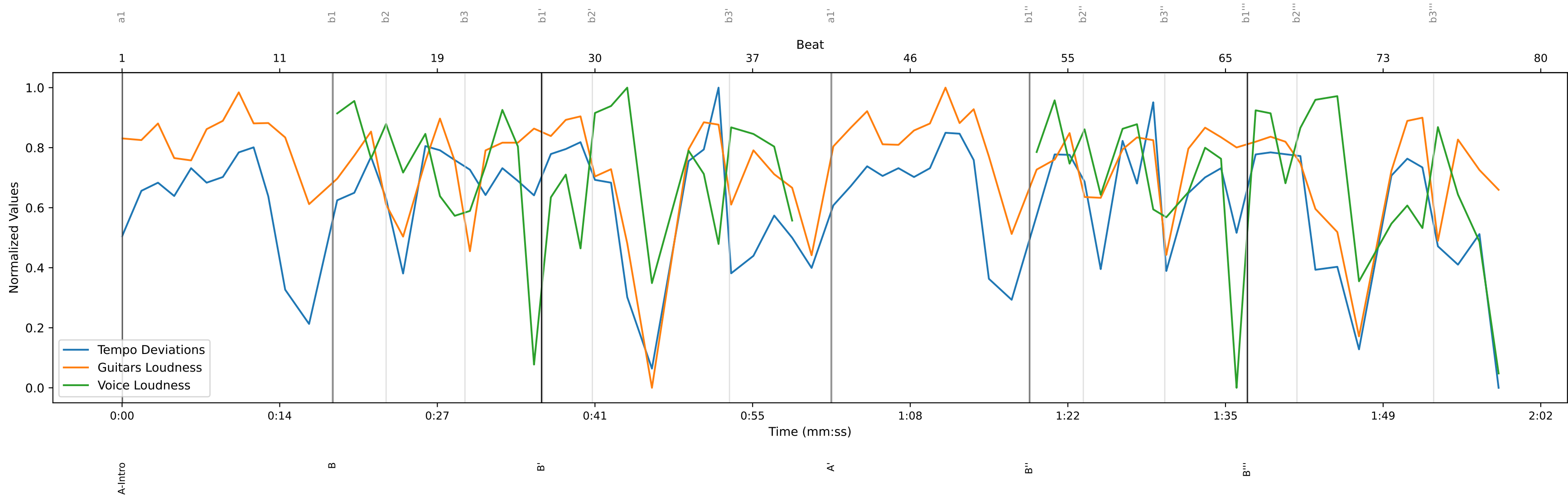
Rhythmic Density



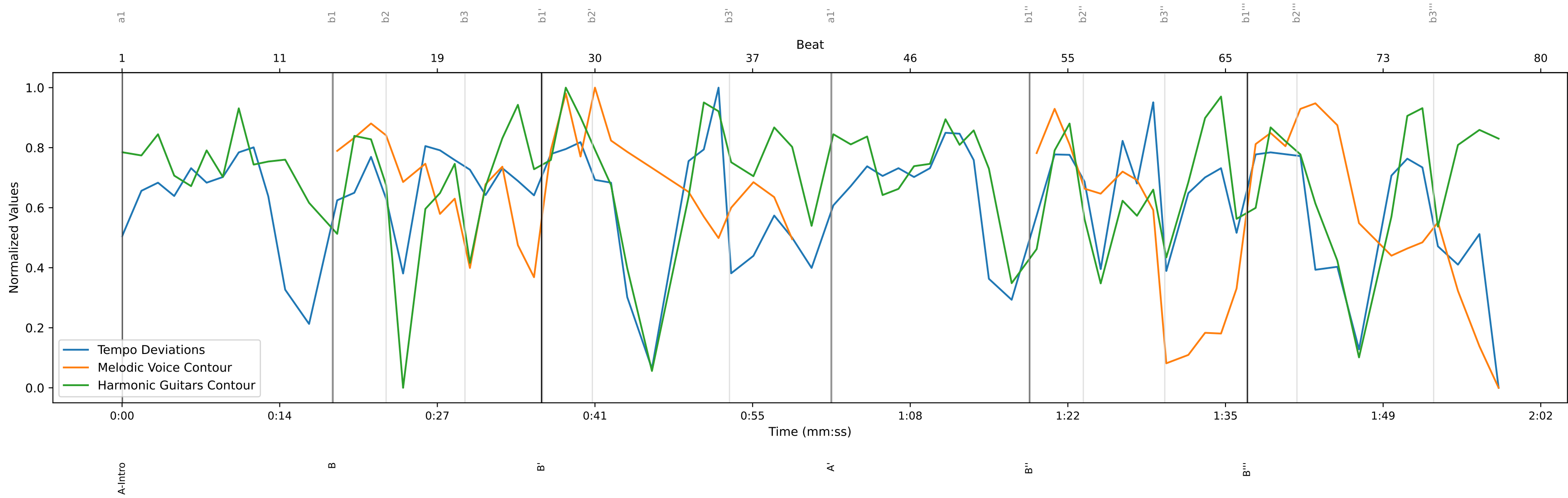
Rhythmic and Harmonic Features



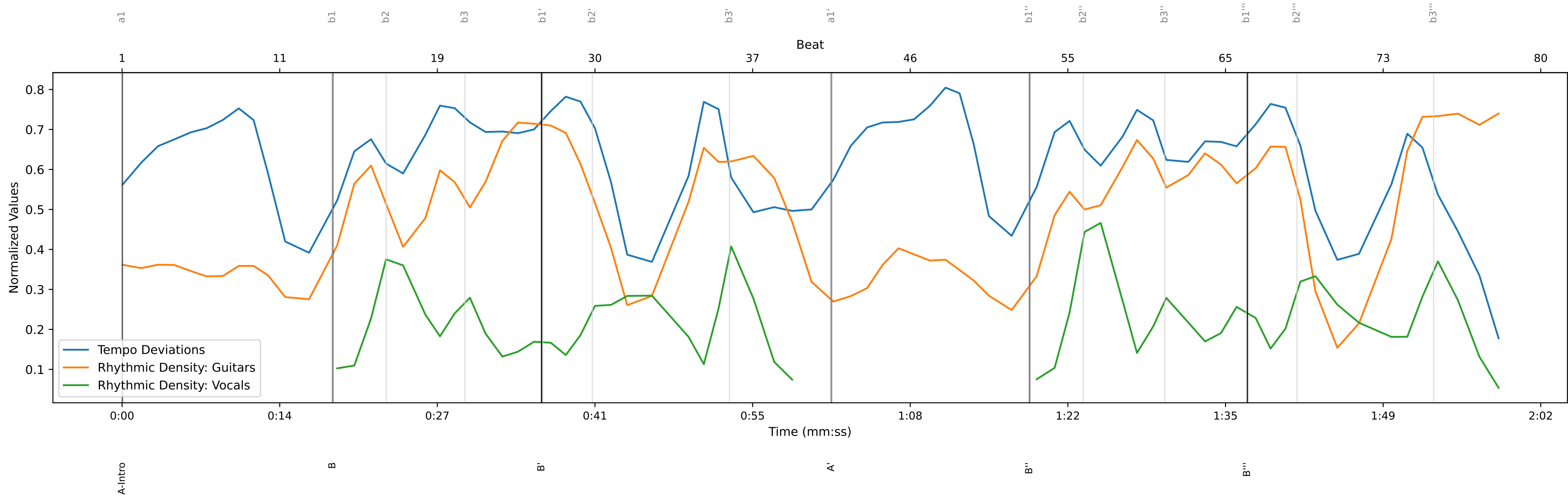
Loudness Curves and Tempo Deviations



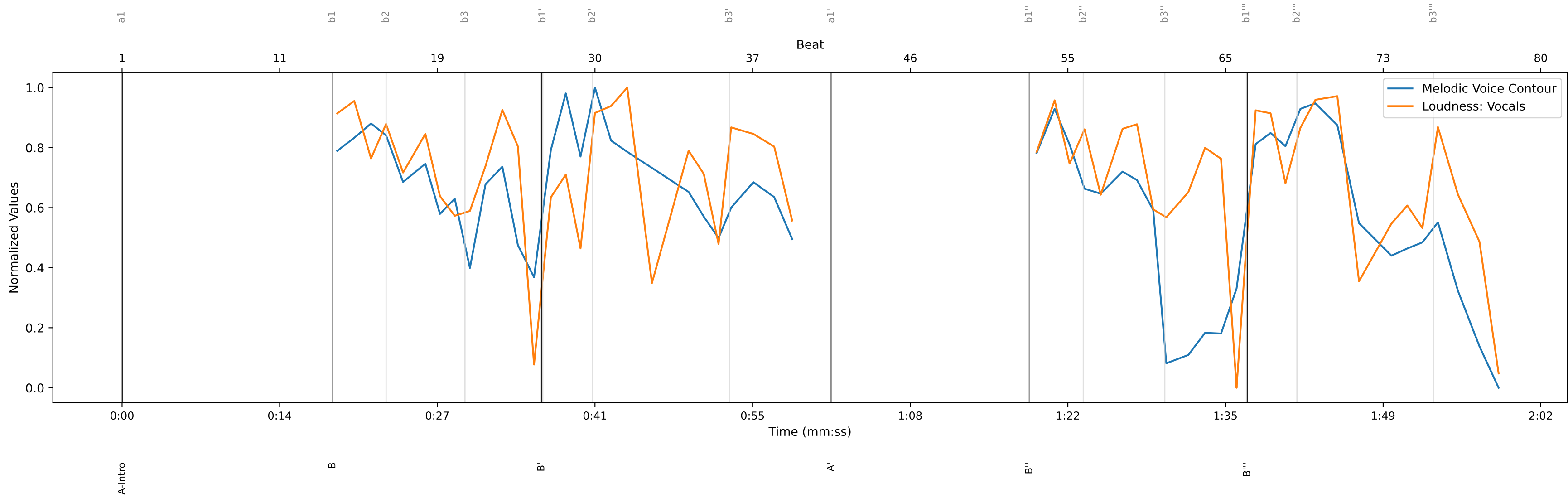
Melodic/Harmonic Contours and Tempo Deviations



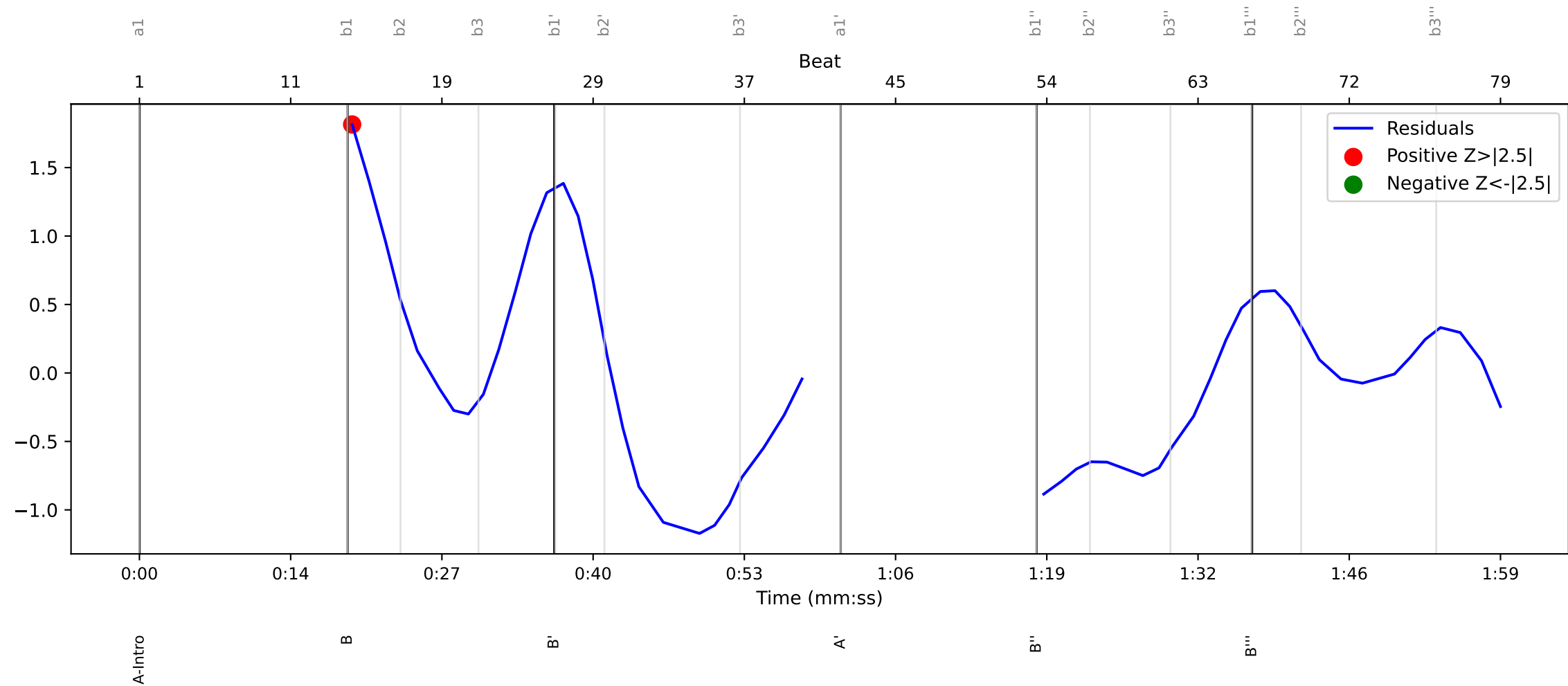
Rhythmic Density and Tempo Deviations



Melodic Voice Contour and Voice Loudness



Voice Rhythmic Density vs. Guitars Loudness (EMD Corr: -0.71)



Guitars Rhythmic Density vs. Tonal Dissonance (EMD Corr: 0.81)

