

Report

Project: 1958_Augusto Camacho/Água da Fonte

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

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

Computed median BPM: 33.31

Beat-Synchronized HCF:

Pearson Correlation Coefficient (R): 0.7663

R-squared (R²): 0.5873

P-value: 0.0000

Frame-Level HCF:

Pearson Correlation Coefficient (R): 0.0198

R-squared (R²): 0.0004

P-value: 0.0190

Beat-Synchronized Chroma Comparison:

Pearson Correlation Coefficient (R): 0.7088

R-squared (R²): 0.5024

P-value: 0.0000

Sum of Absolute Differences: 217.0180

Sum of Squared Differences: 98.0054

Sensory Dissonance and Tonal Dissonance:

Pearson Correlation Coefficient (R): 0.2444

R-squared (R²): 0.0597

P-value: 0.0234

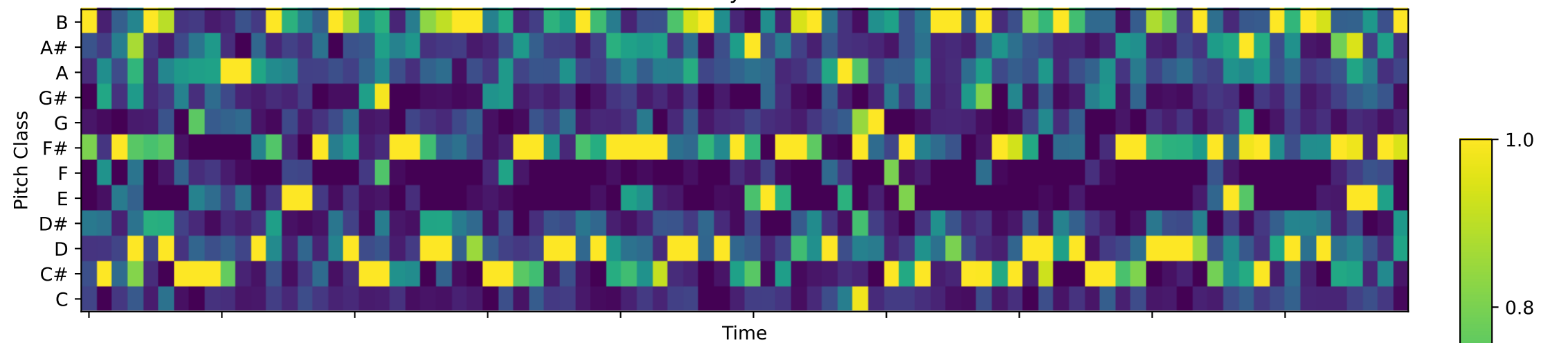
Tonal Dispersion (Audio vs. Ground Truth):

Pearson Correlation Coefficient (R): 0.7933

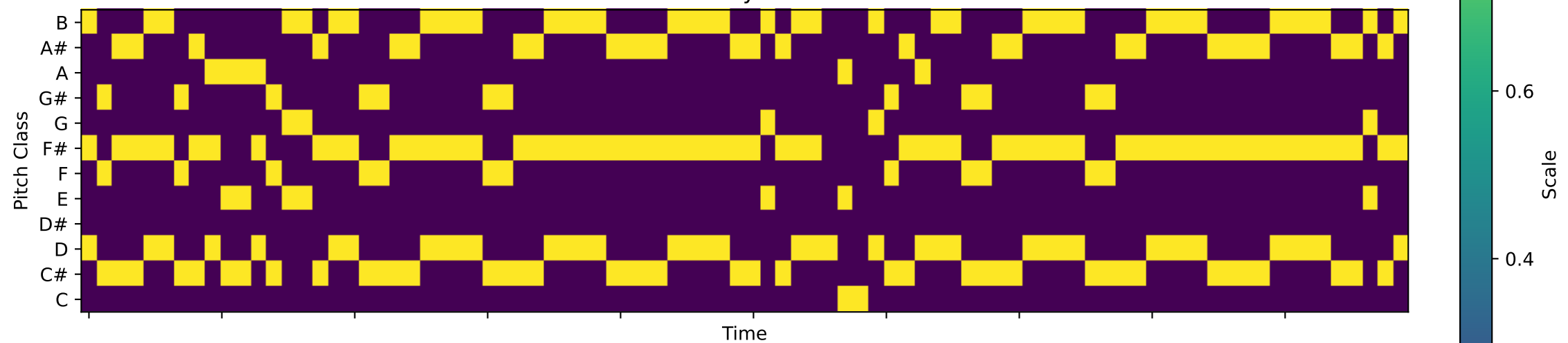
R-squared (R²): 0.6294

P-value: 0.0000

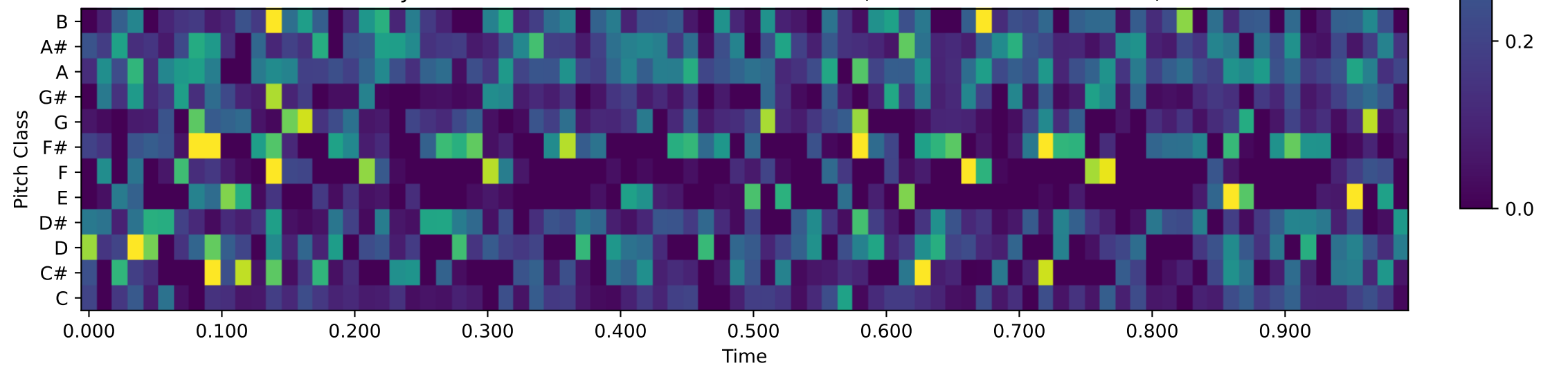
Calculated Beat-Synchronized Chroma



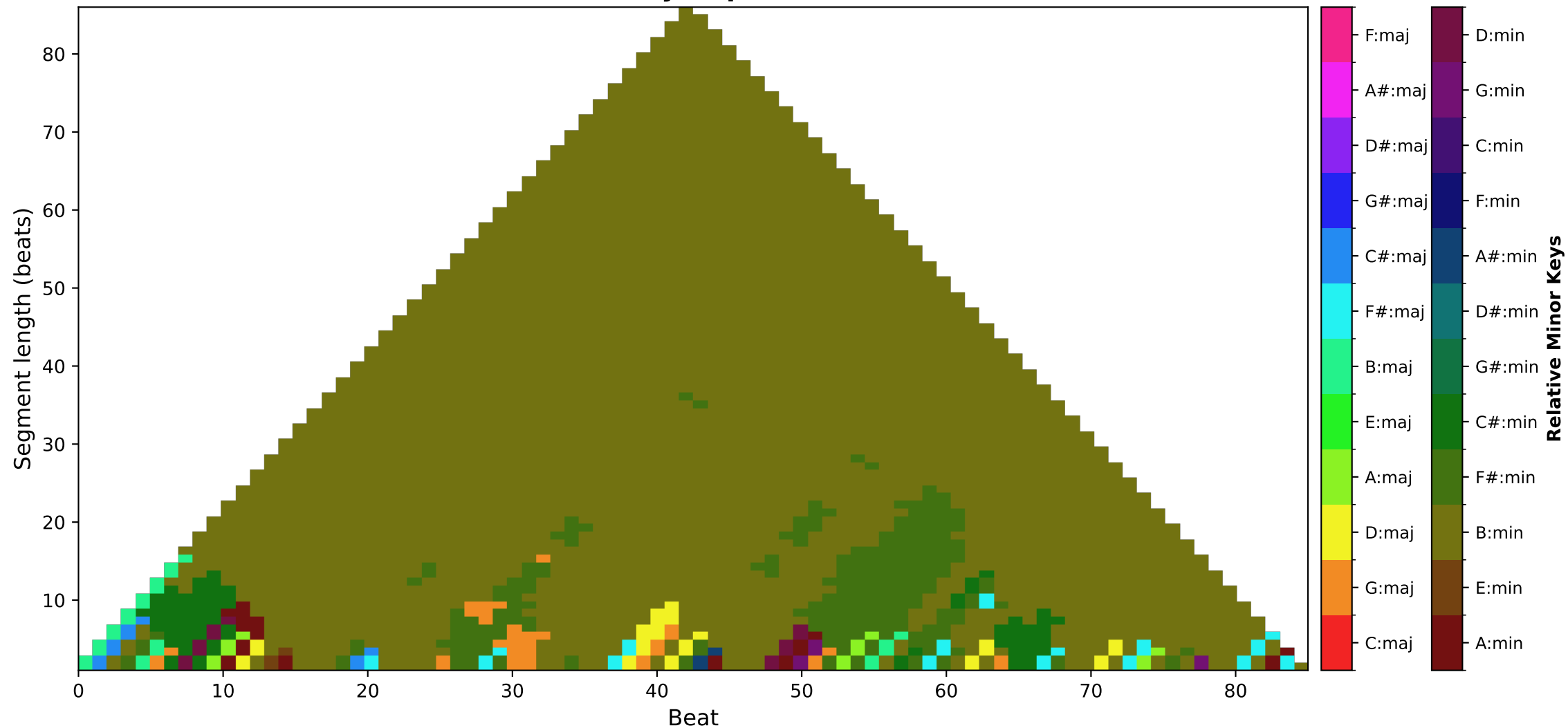
Ground Truth Beat-Synchronized Chroma



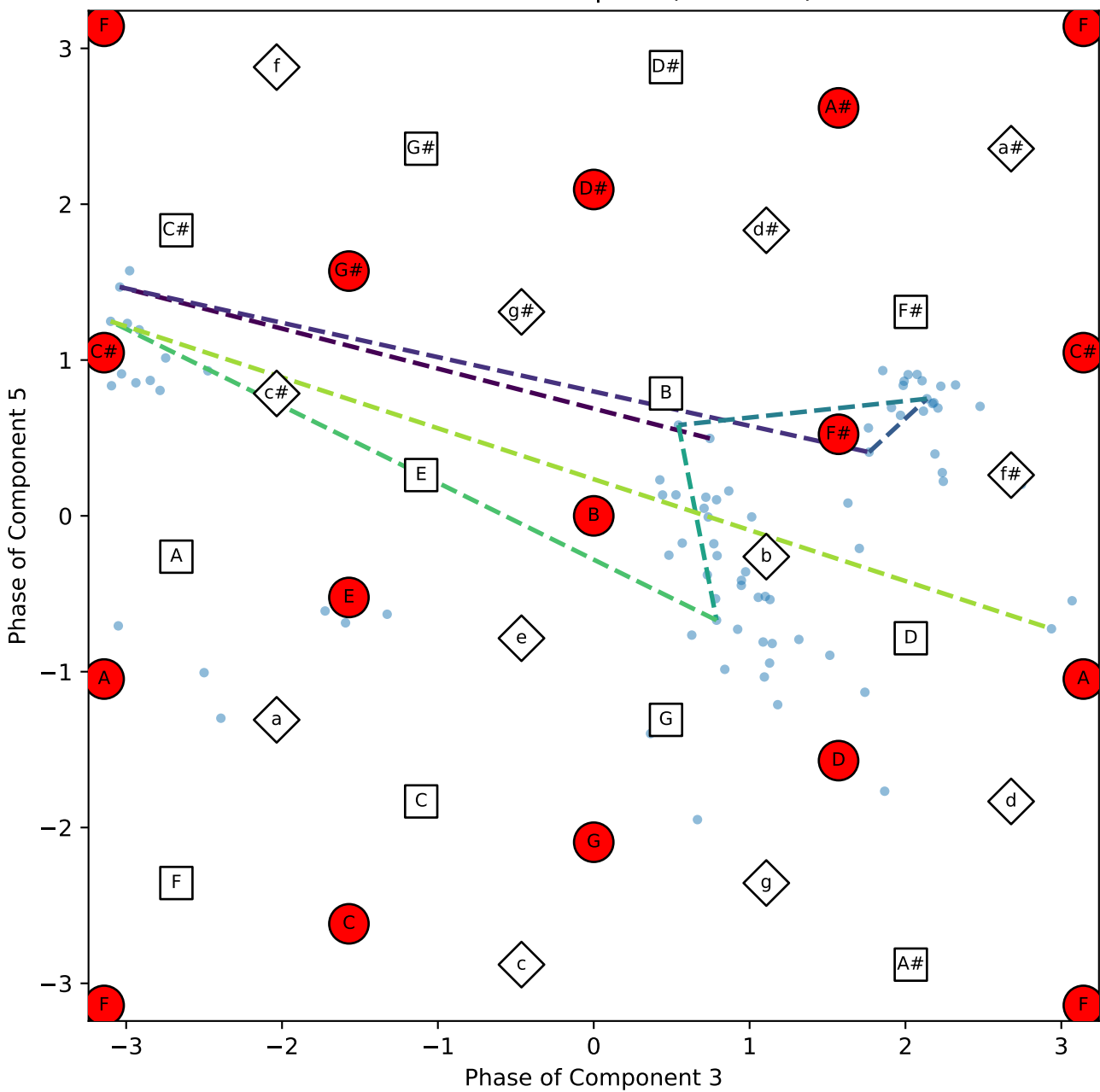
Beat-Synchronized Chroma Absolute Difference (Calculated - Ground Truth)



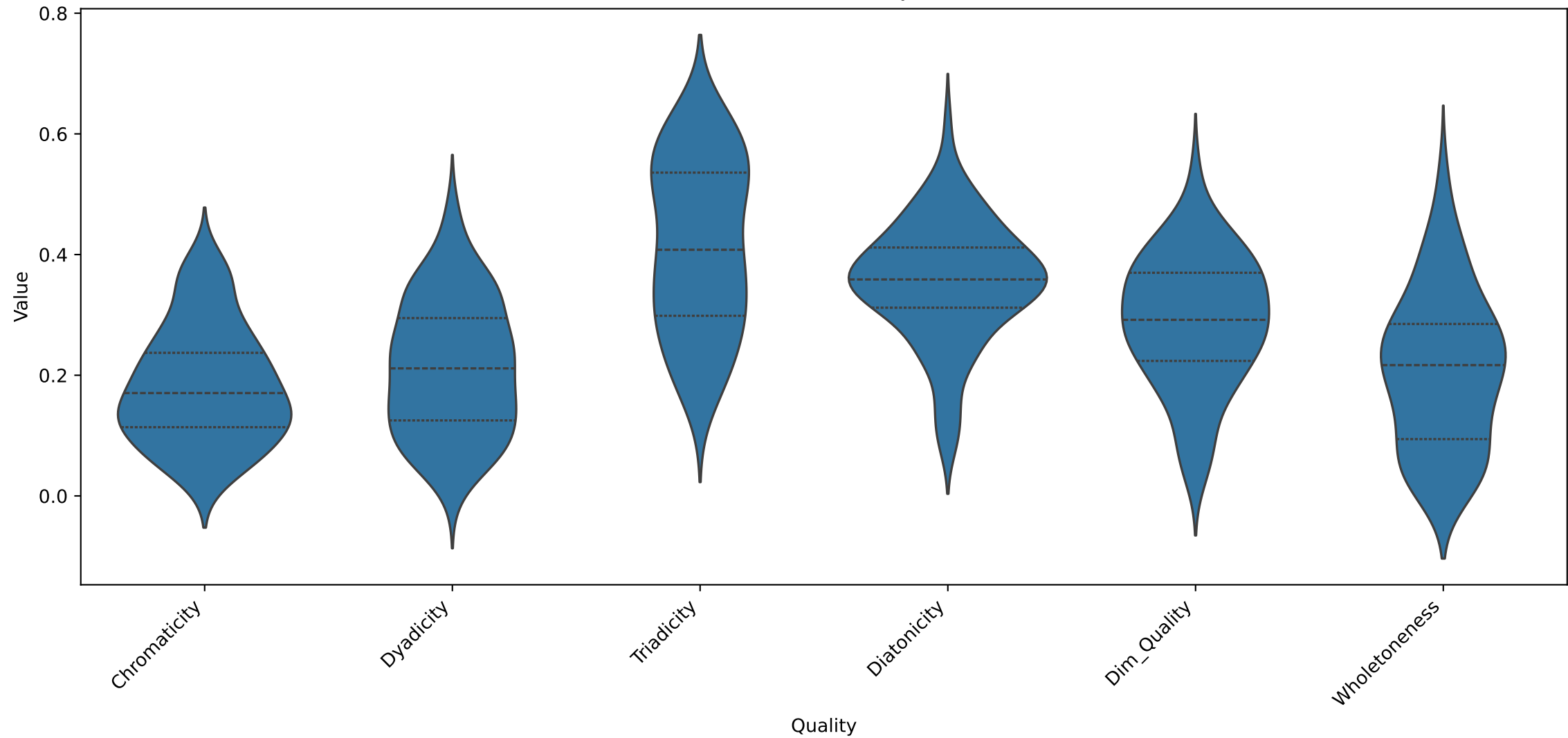
Keyscape



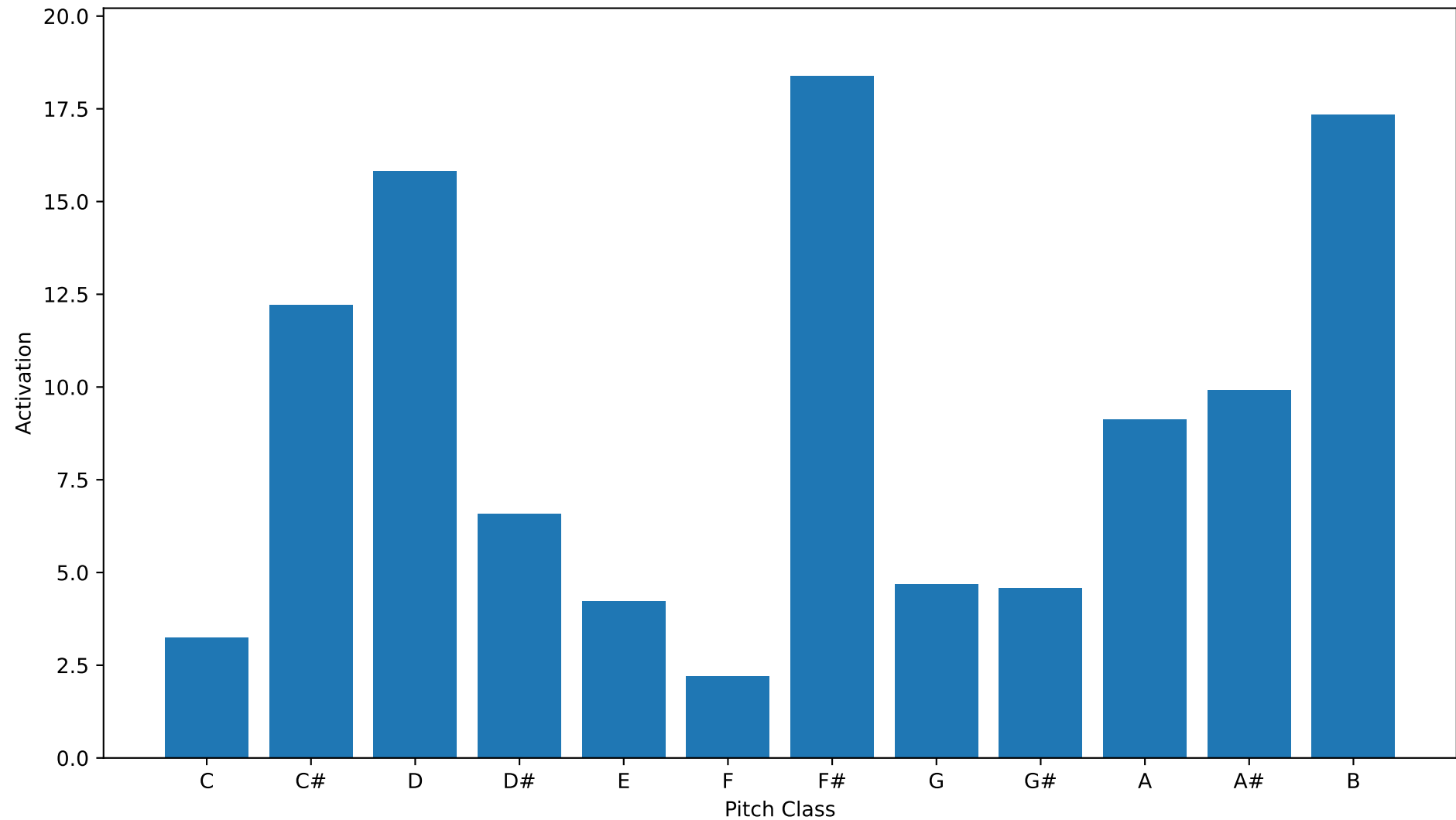
Tonnetz Phase Space (center: B)



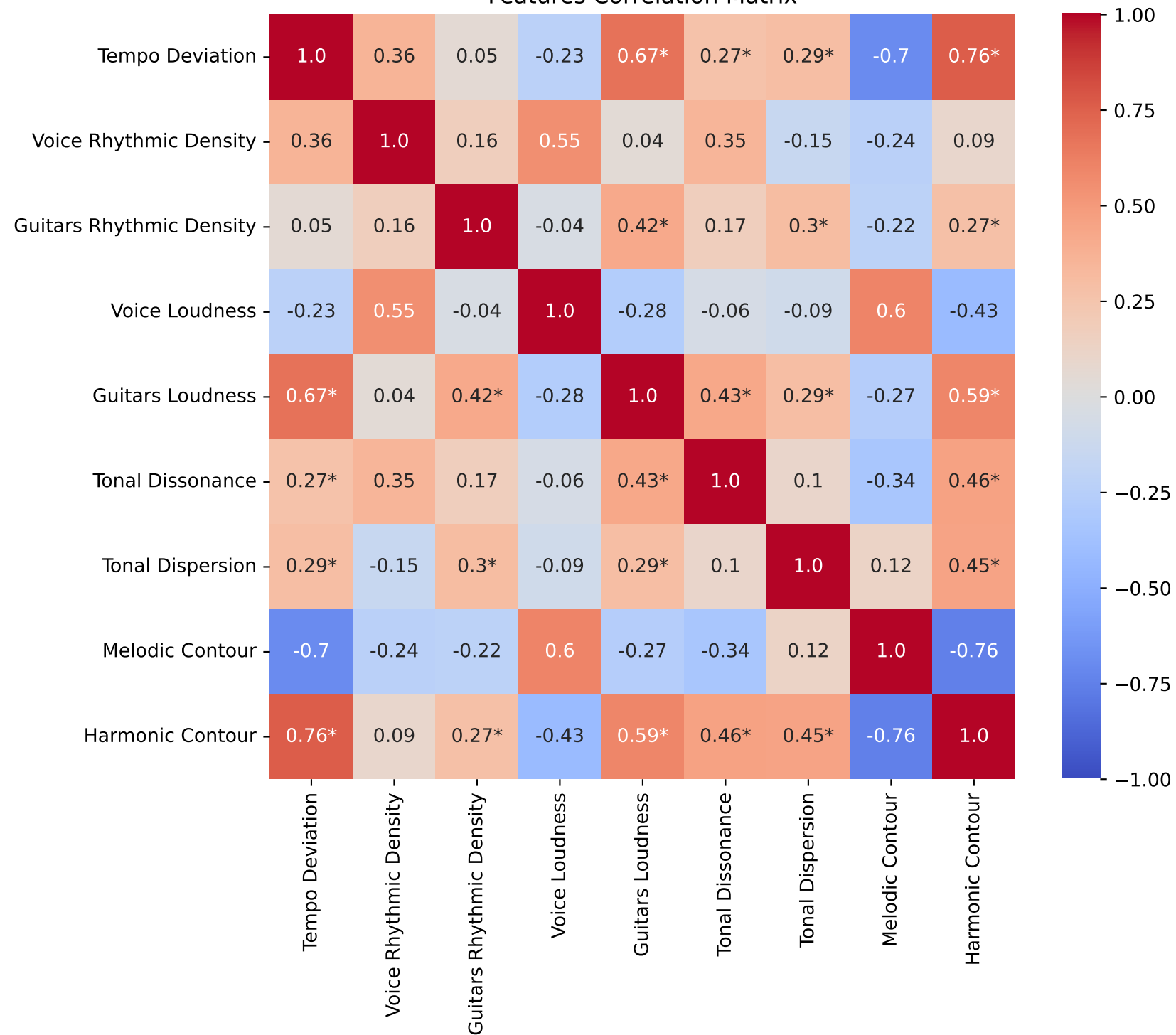
Distribution of Tonal Qualities

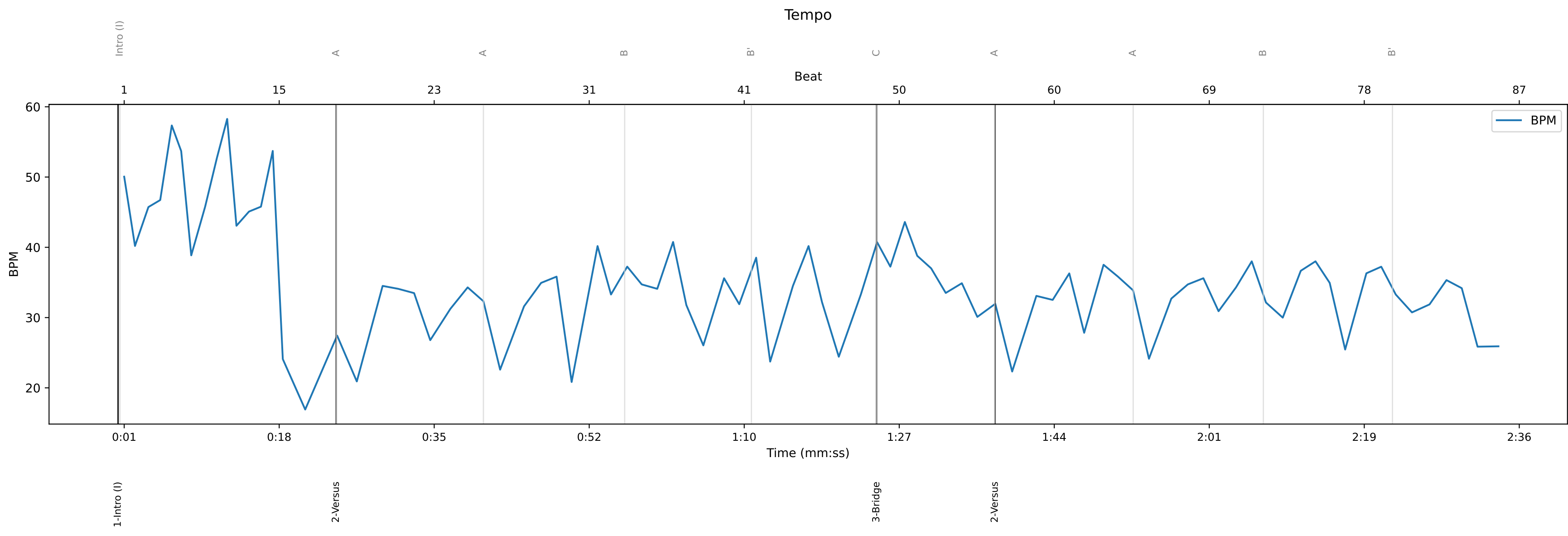


Global Chroma Vector (Section 2)

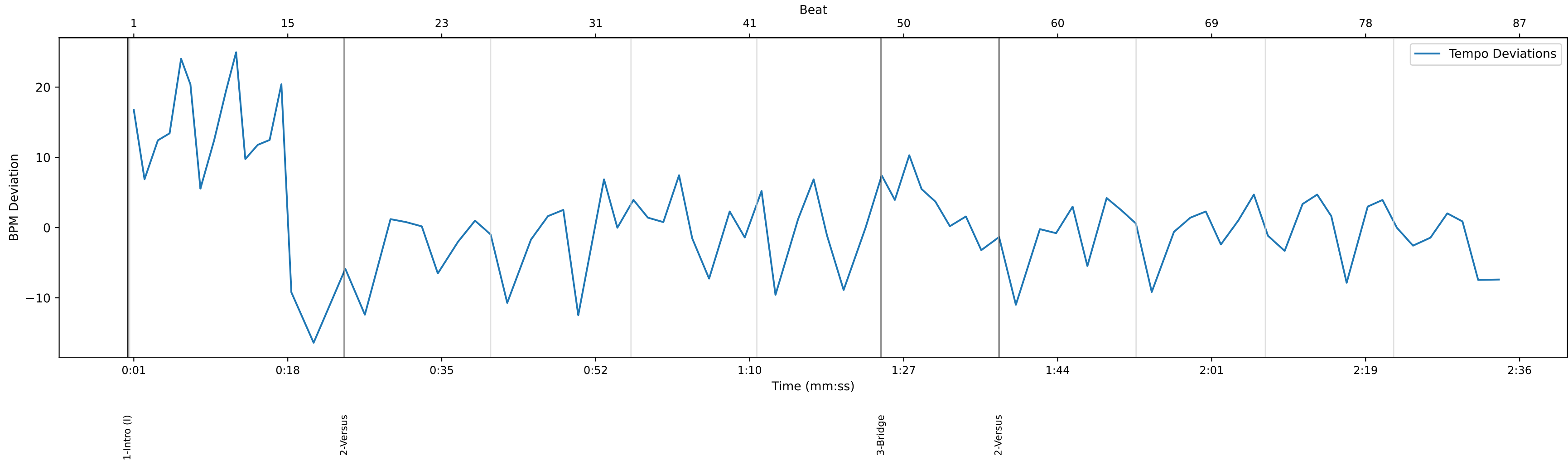


Features Correlation Matrix

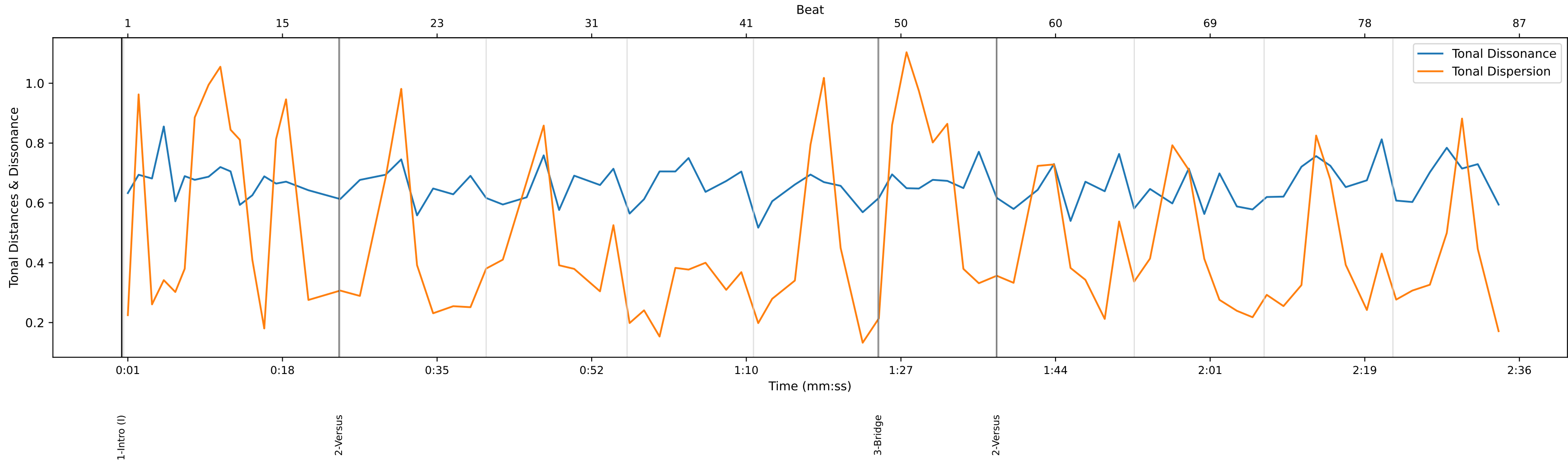


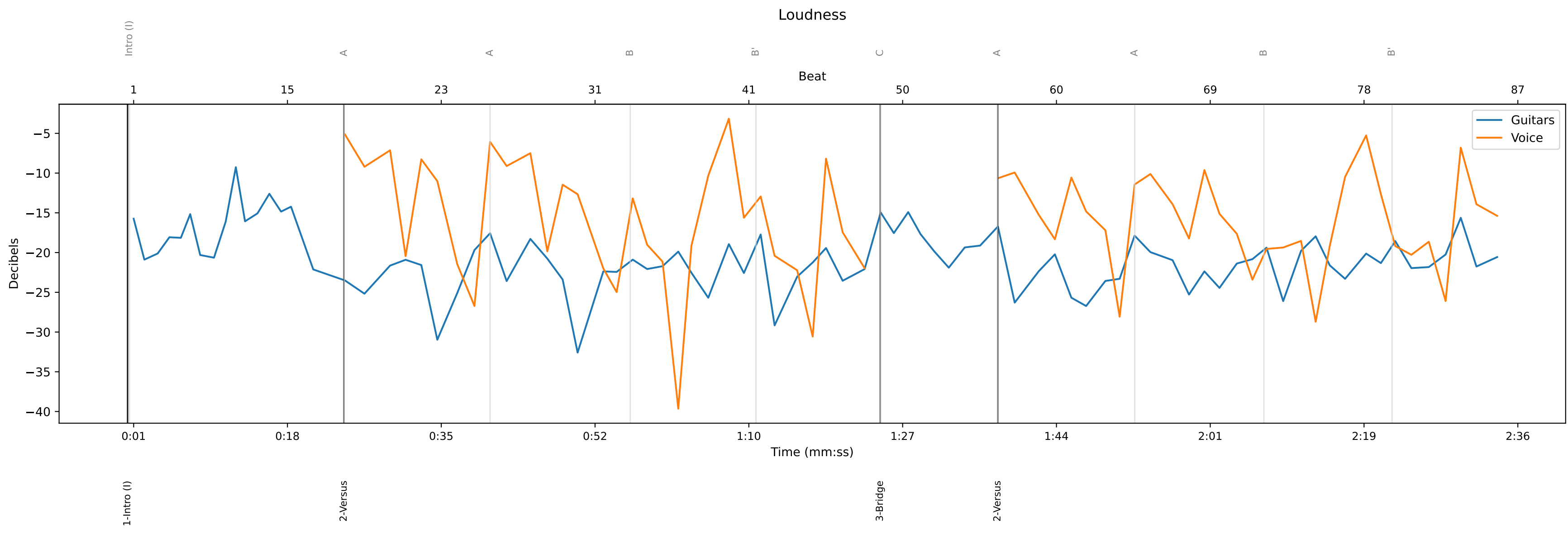


Tempo Deviations

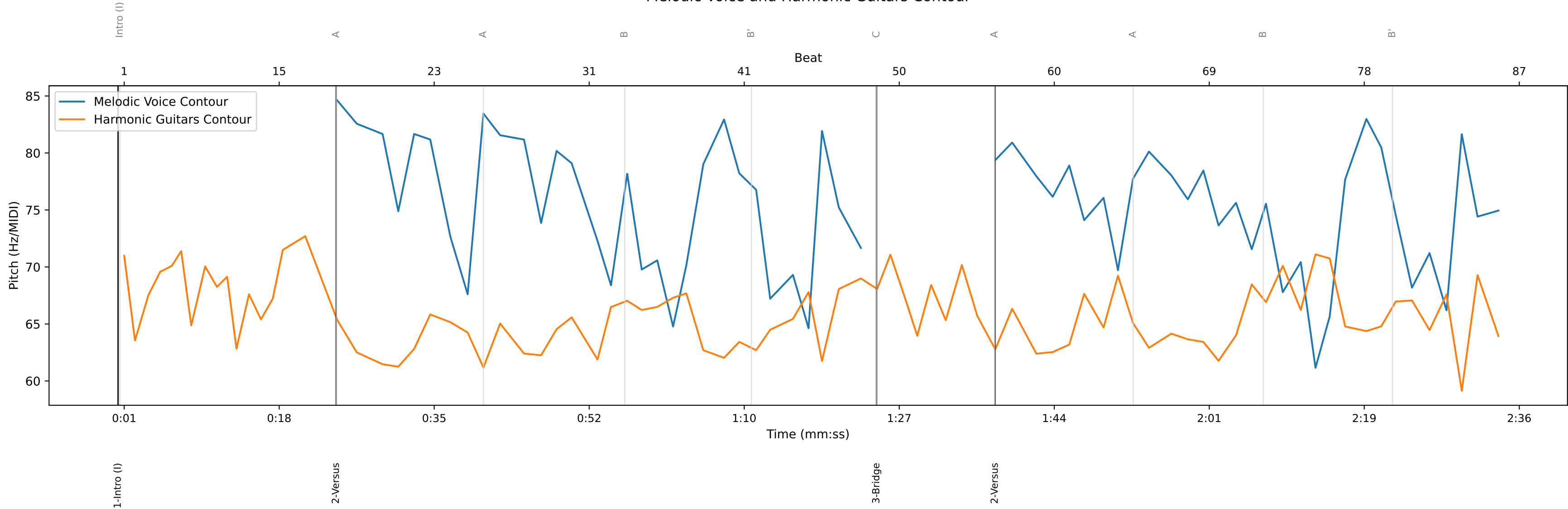


Harmonic Features

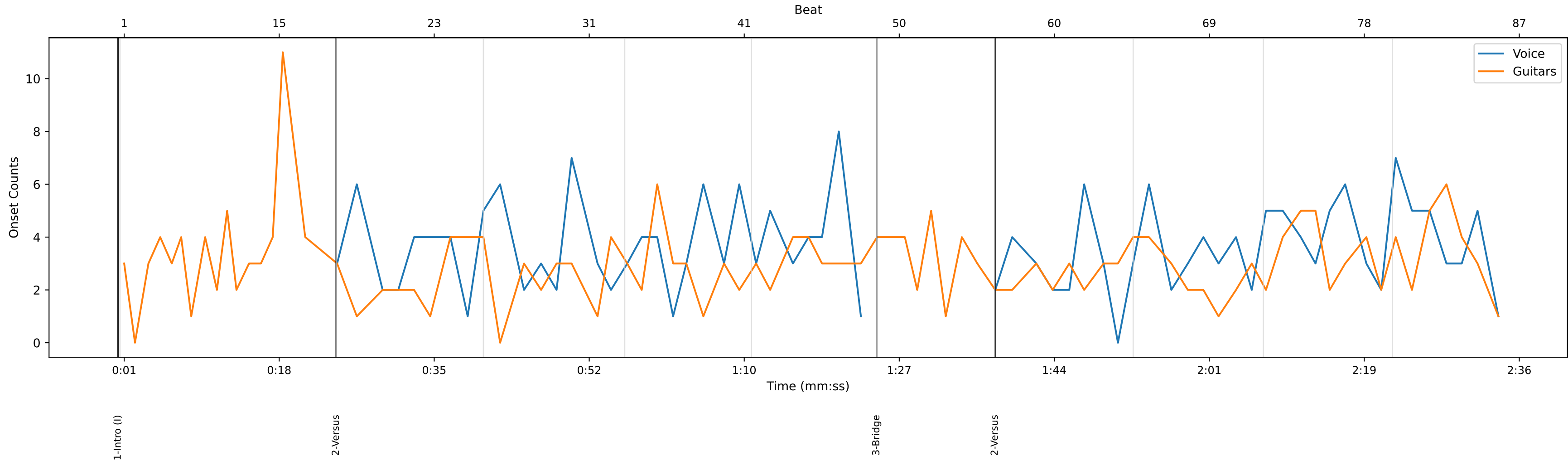




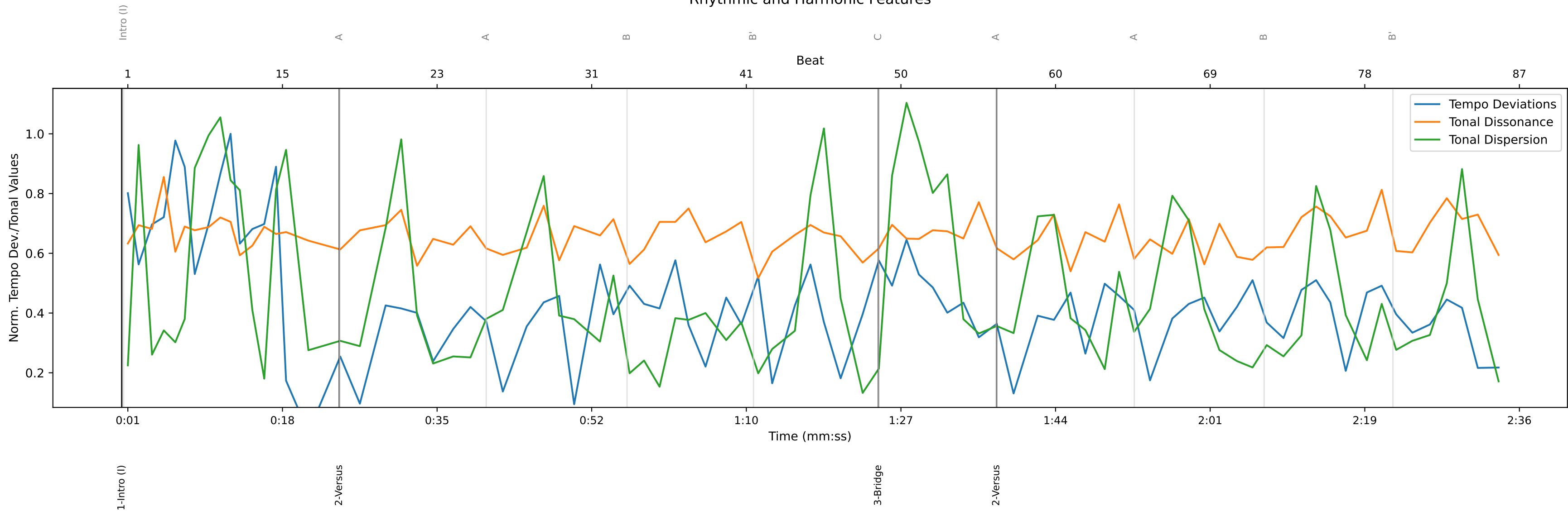
Melodic Voice and Harmonic Guitars Contour



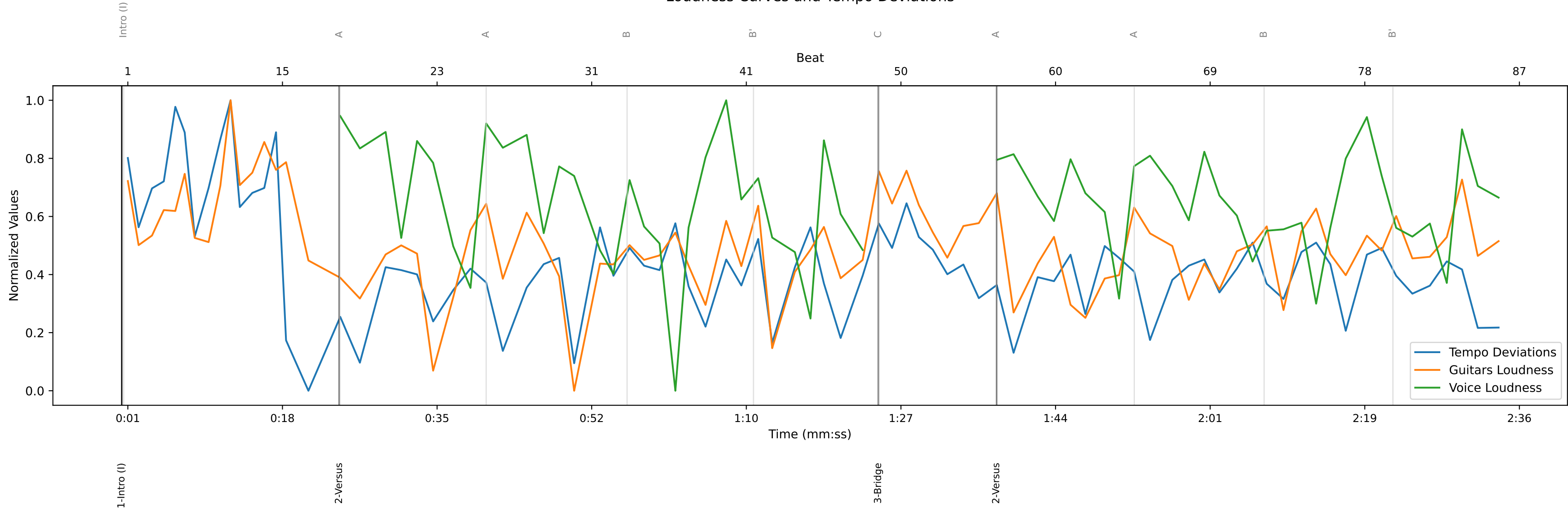
Rhythmic Density



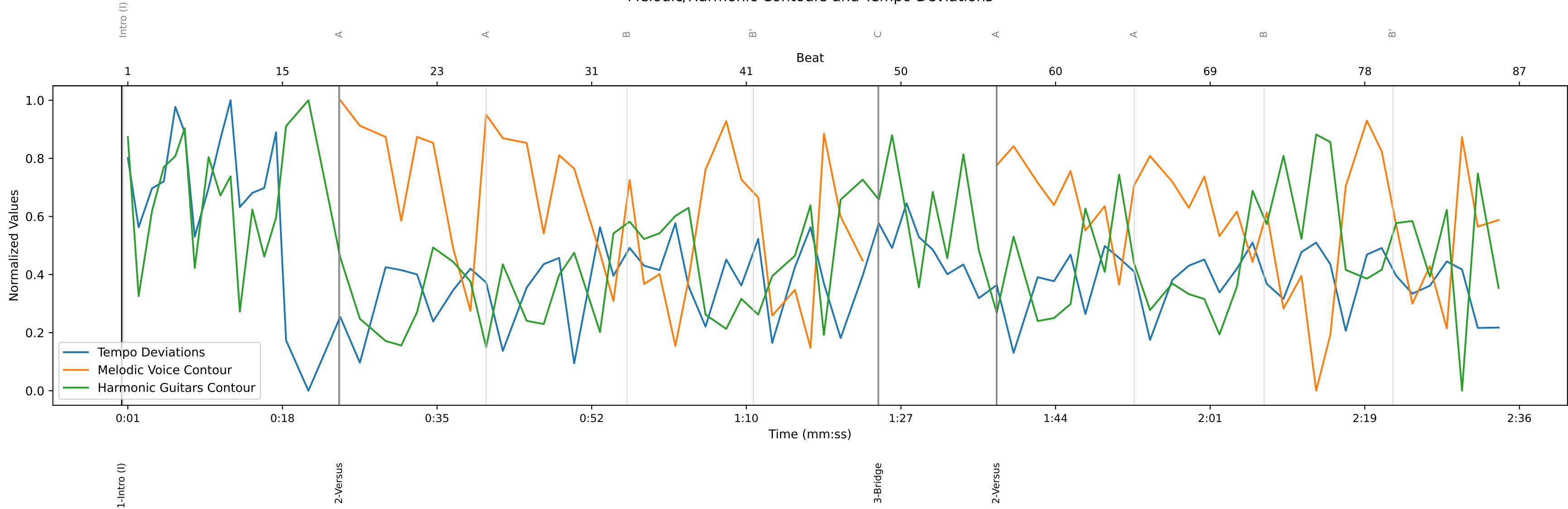
Rhythmic and Harmonic Features



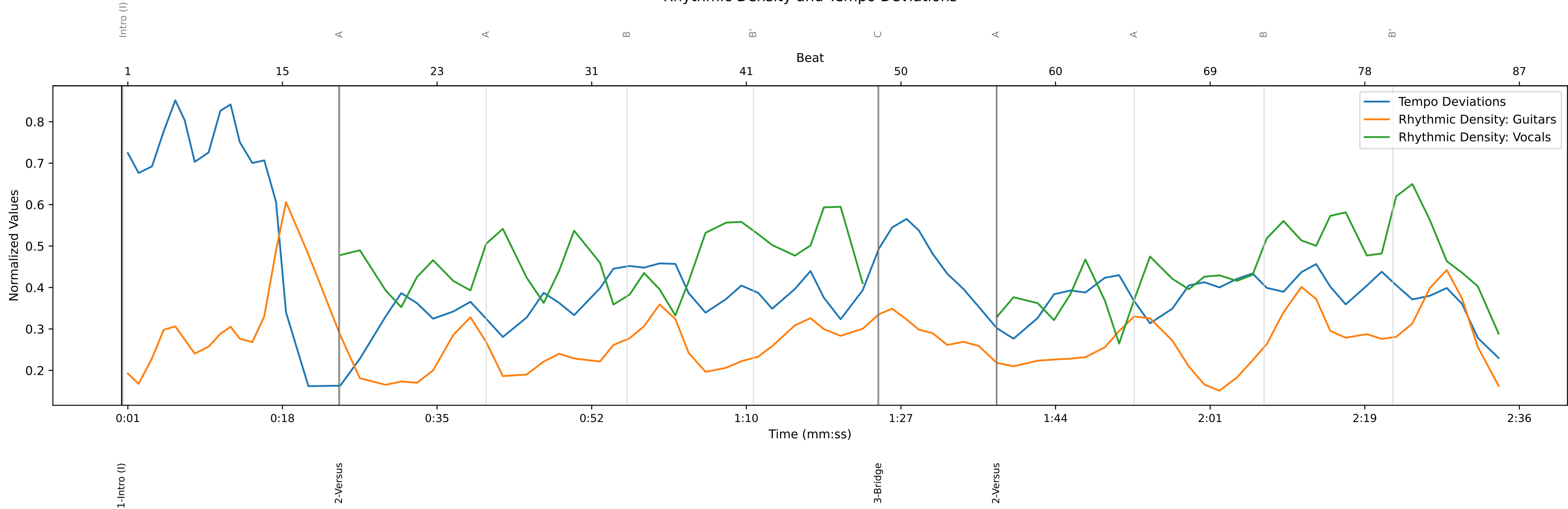
Loudness Curves and Tempo Deviations



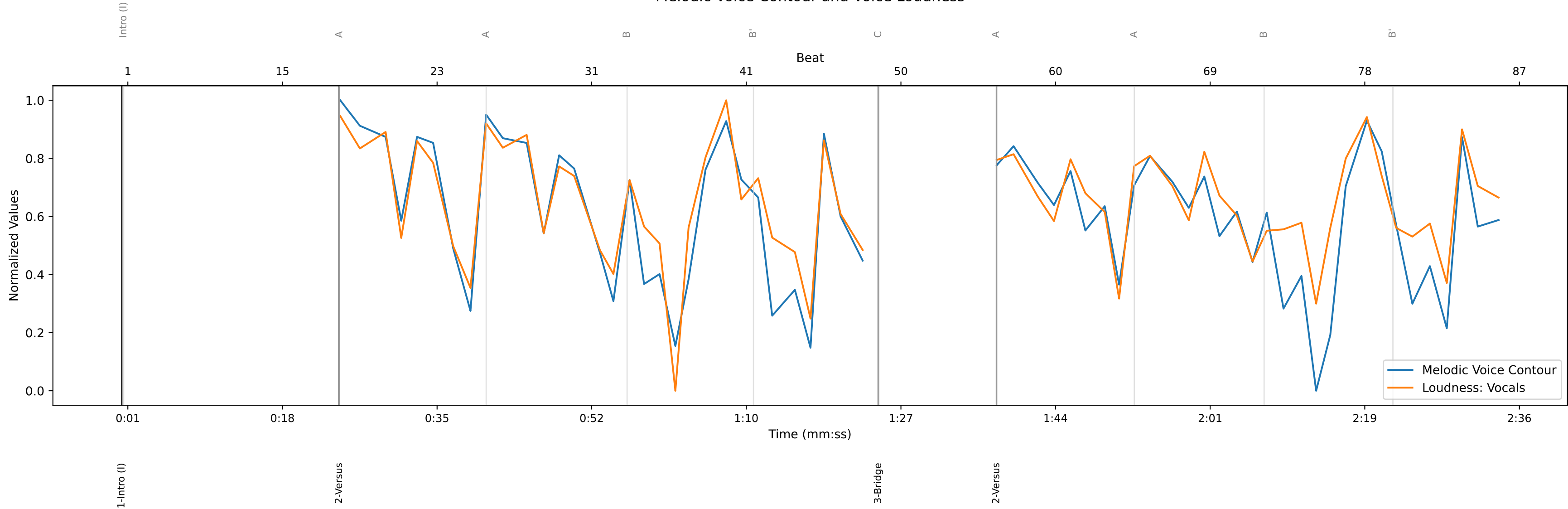
Melodic/Harmonic Contours and Tempo Deviations



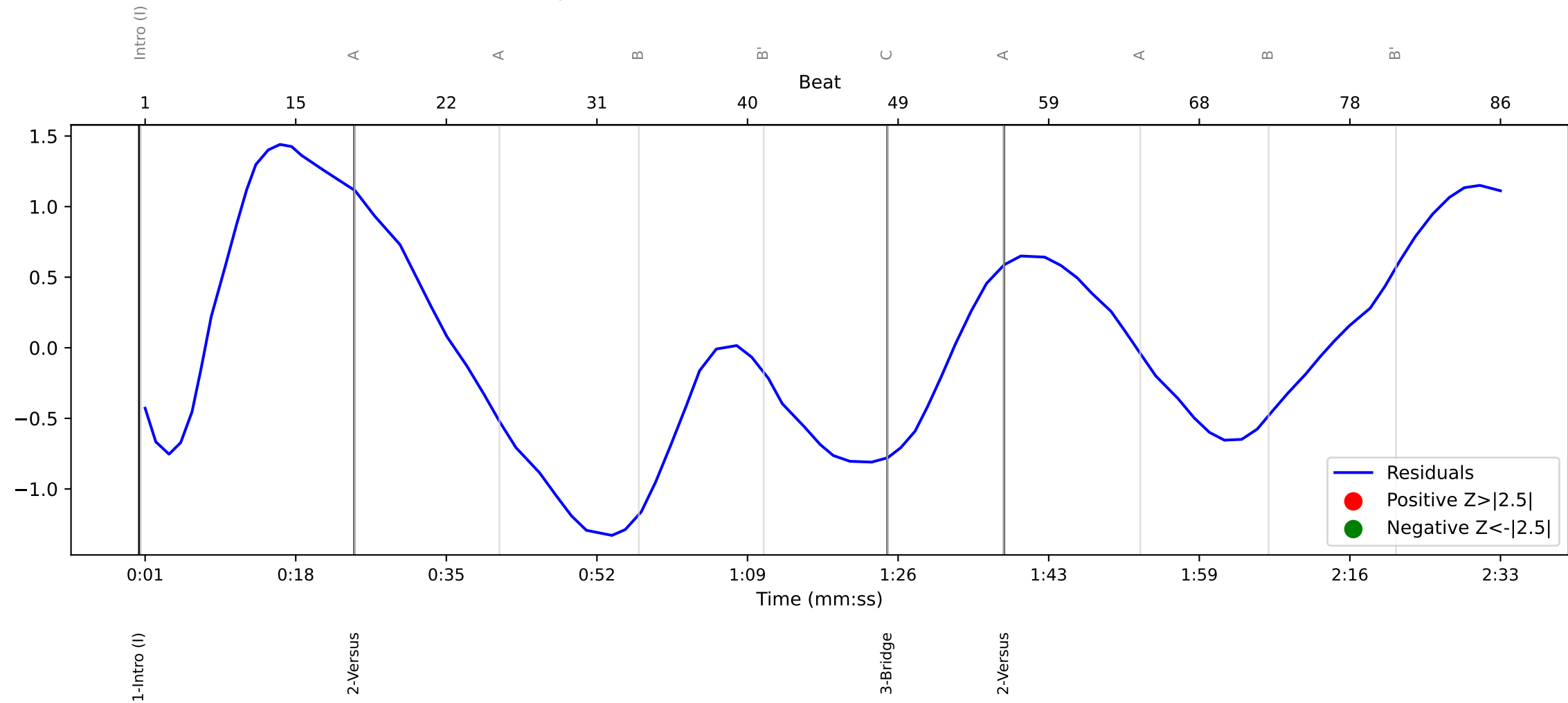
Rhythmic Density and Tempo Deviations



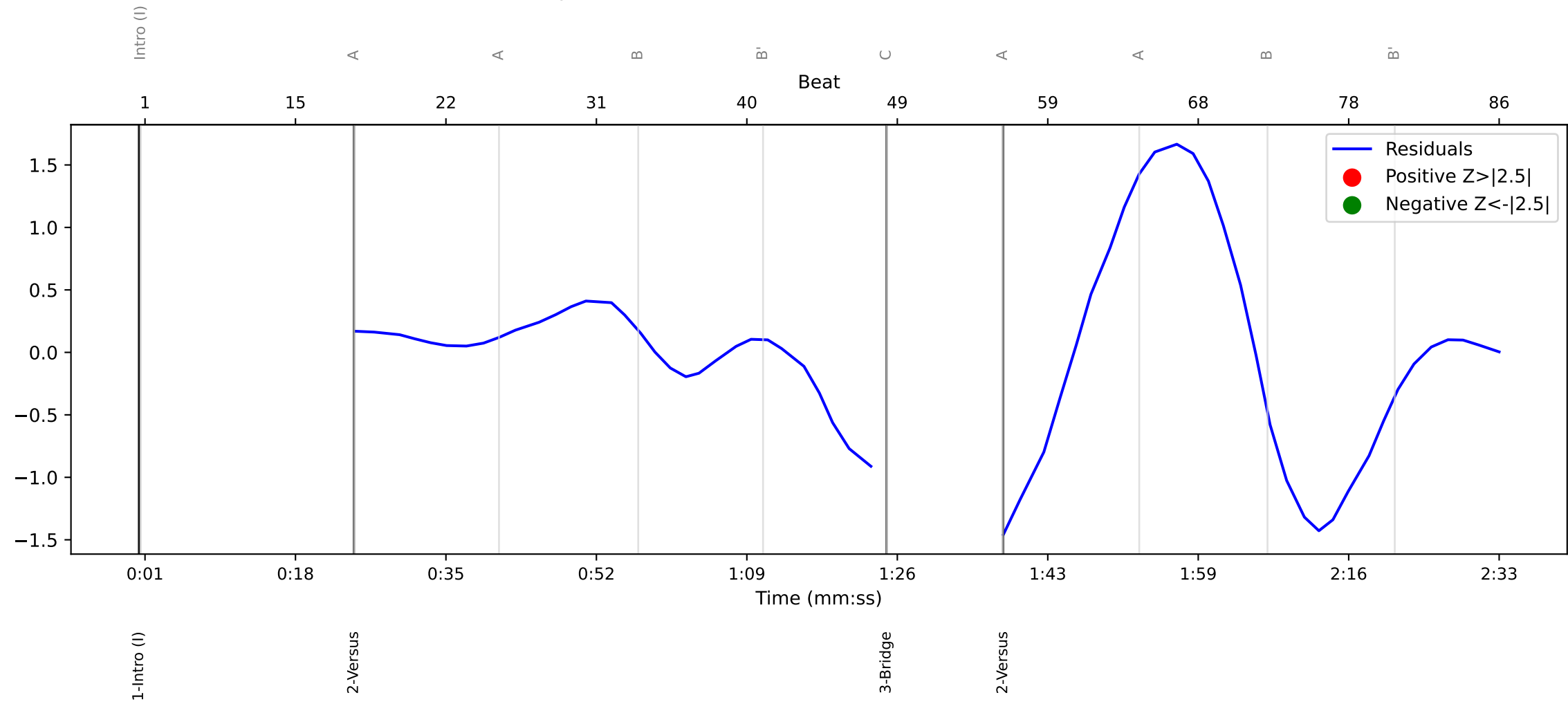
Melodic Voice Contour and Voice Loudness



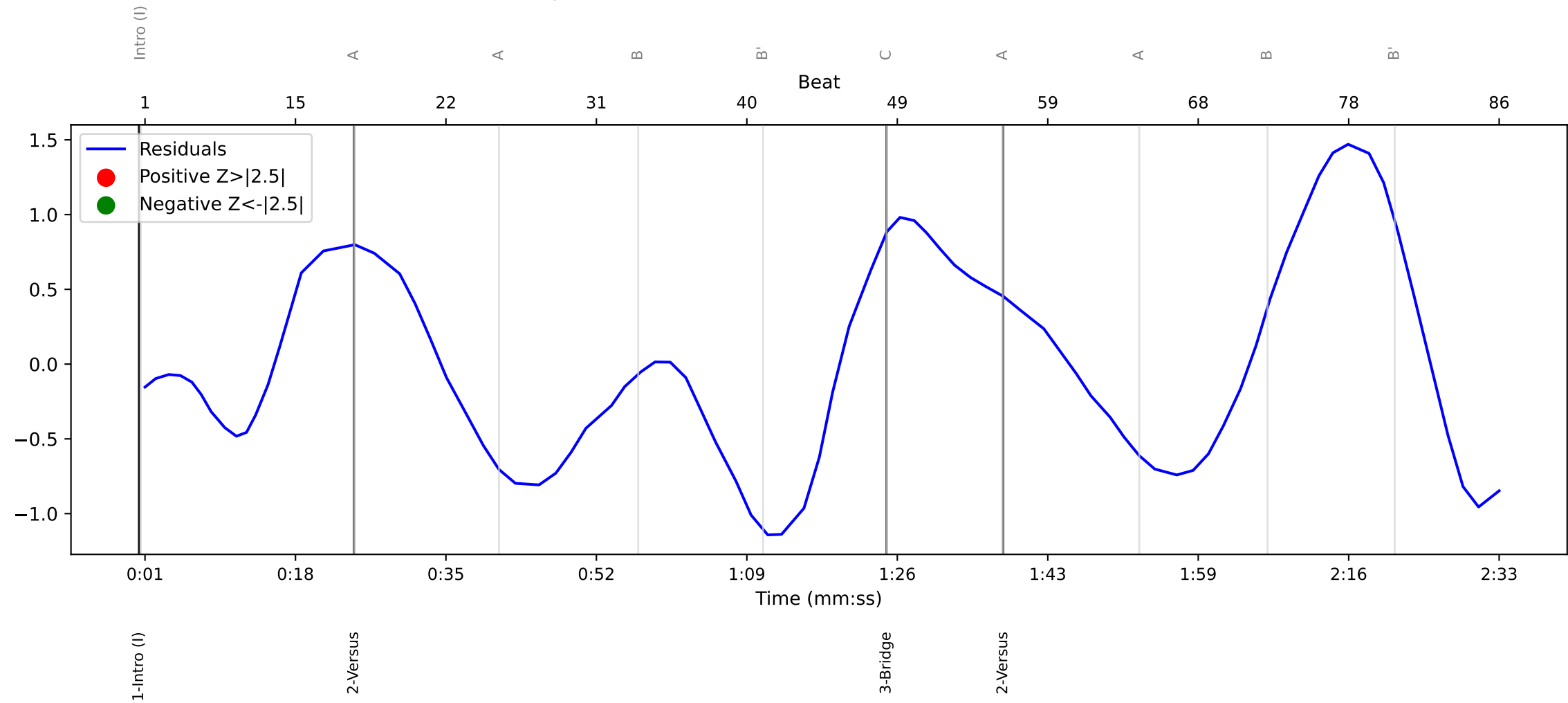
Tempo Deviation vs. Guitars Loudness (EMD Corr: 0.67)



Tempo Deviation vs. Melodic Contour (EMD Corr: -0.70)



Tempo Deviation vs. Harmonic Contour (EMD Corr: 0.76)



Melodic Contour vs. Harmonic Contour (EMD Corr: -0.76)

