

Report

Project: 1970_Cecília de Melo/O Render dos Heróis

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

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

Computed median BPM: 112.04

Beat-Synchronized HCF:

Pearson Correlation Coefficient (R): 0.6182

R-squared (R²): 0.3822

P-value: 0.0000

Frame-Level HCF:

Pearson Correlation Coefficient (R): 0.0731

R-squared (R²): 0.0053

P-value: 0.0000

Beat-Synchronized Chroma Comparison:

Pearson Correlation Coefficient (R): 0.5470

R-squared (R²): 0.2992

P-value: 0.0000

Sum of Absolute Differences: 742.9907

Sum of Squared Differences: 406.0379

Sensory Dissonance and Tonal Dissonance:

Pearson Correlation Coefficient (R): -0.0343

R-squared (R²): 0.0012

P-value: 0.6013

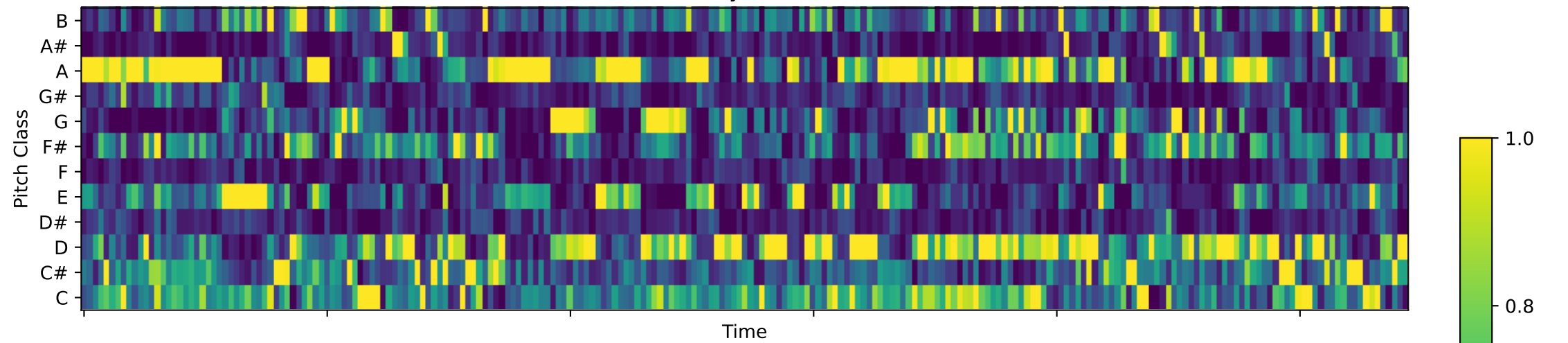
Tonal Dispersion (Audio vs. Ground Truth):

Pearson Correlation Coefficient (R): 0.1996

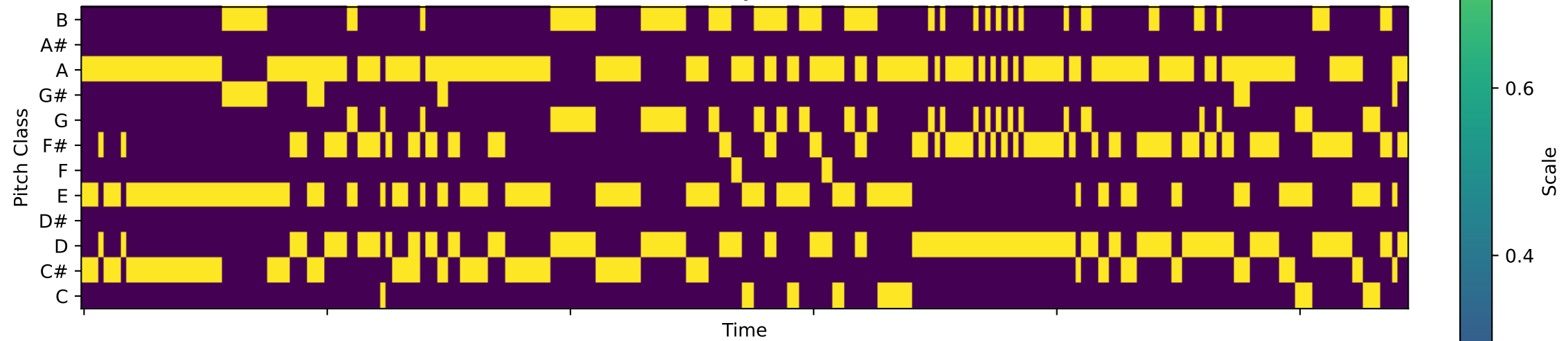
R-squared (R²): 0.0399

P-value: 0.0021

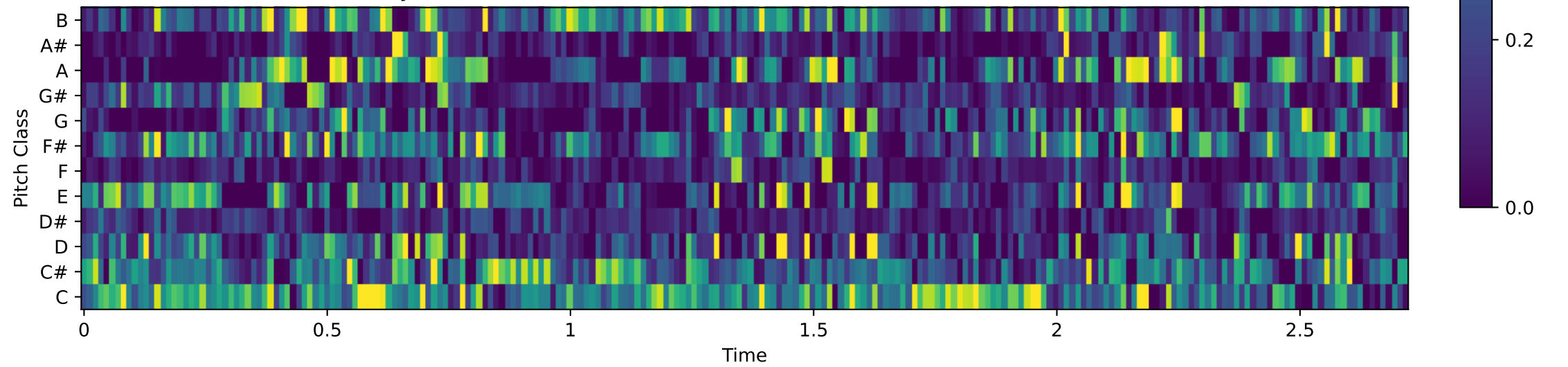
Calculated Beat-Synchronized Chroma



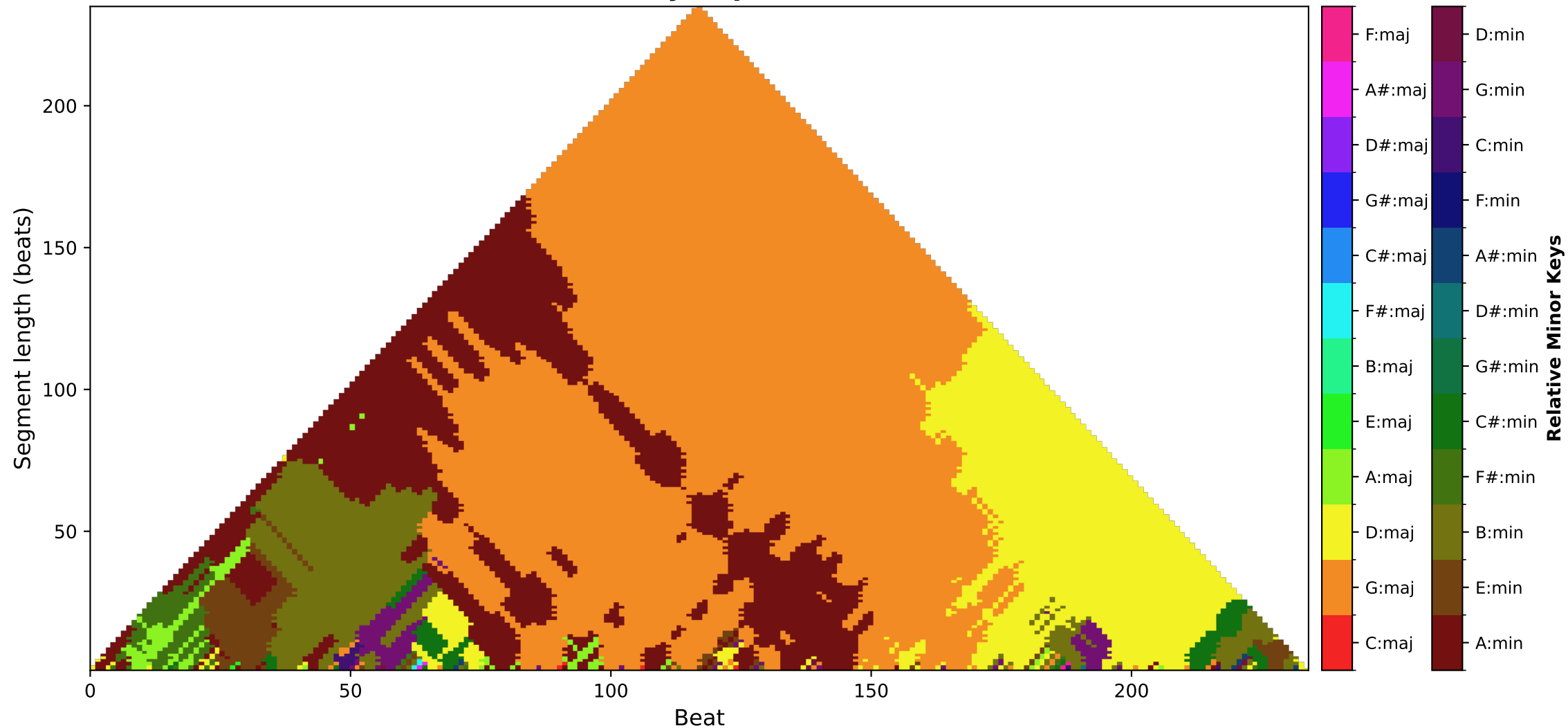
Ground Truth Beat-Synchronized Chroma



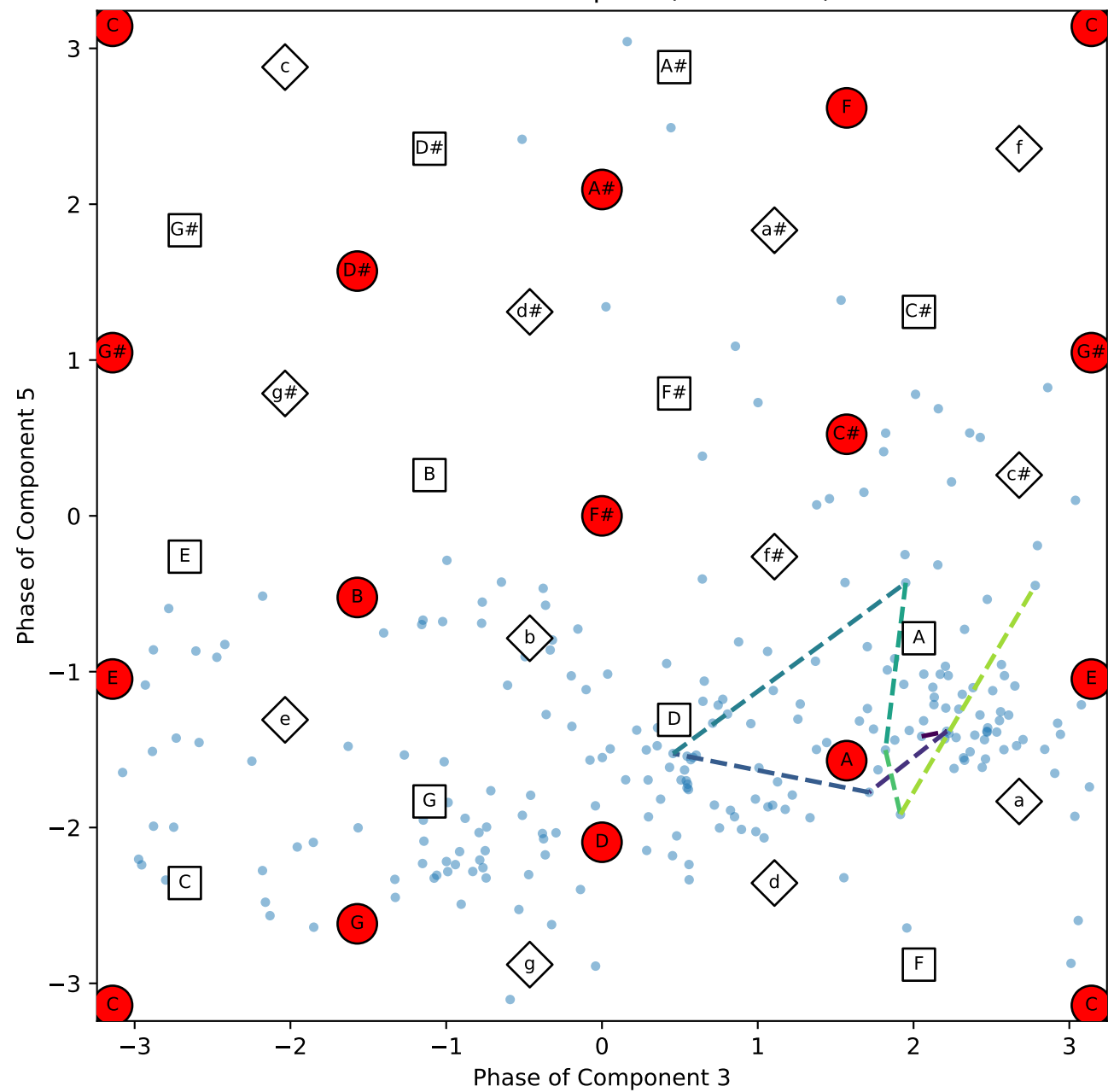
Beat-Synchronized Chroma Absolute Difference (Calculated - Ground Truth)



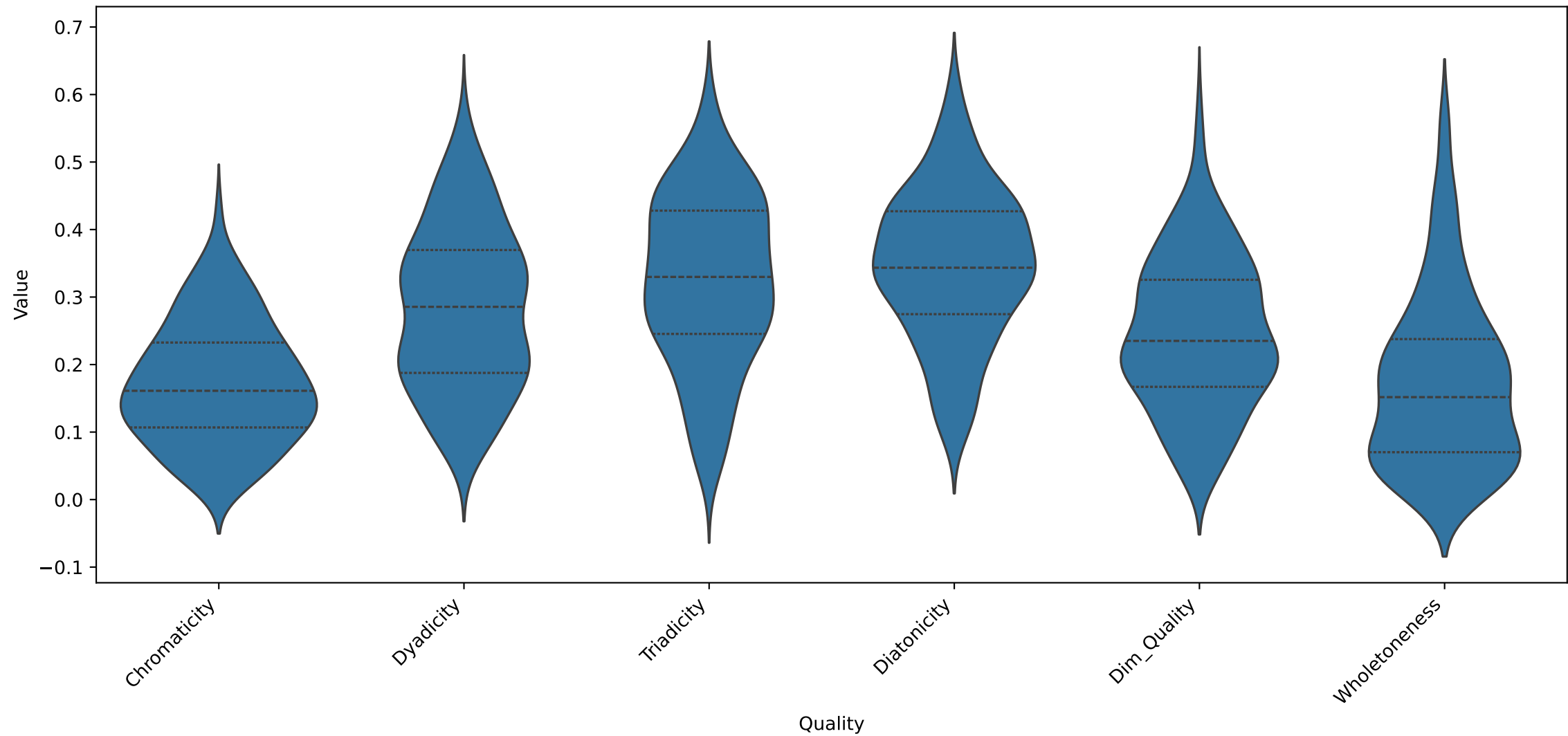
Keyscape



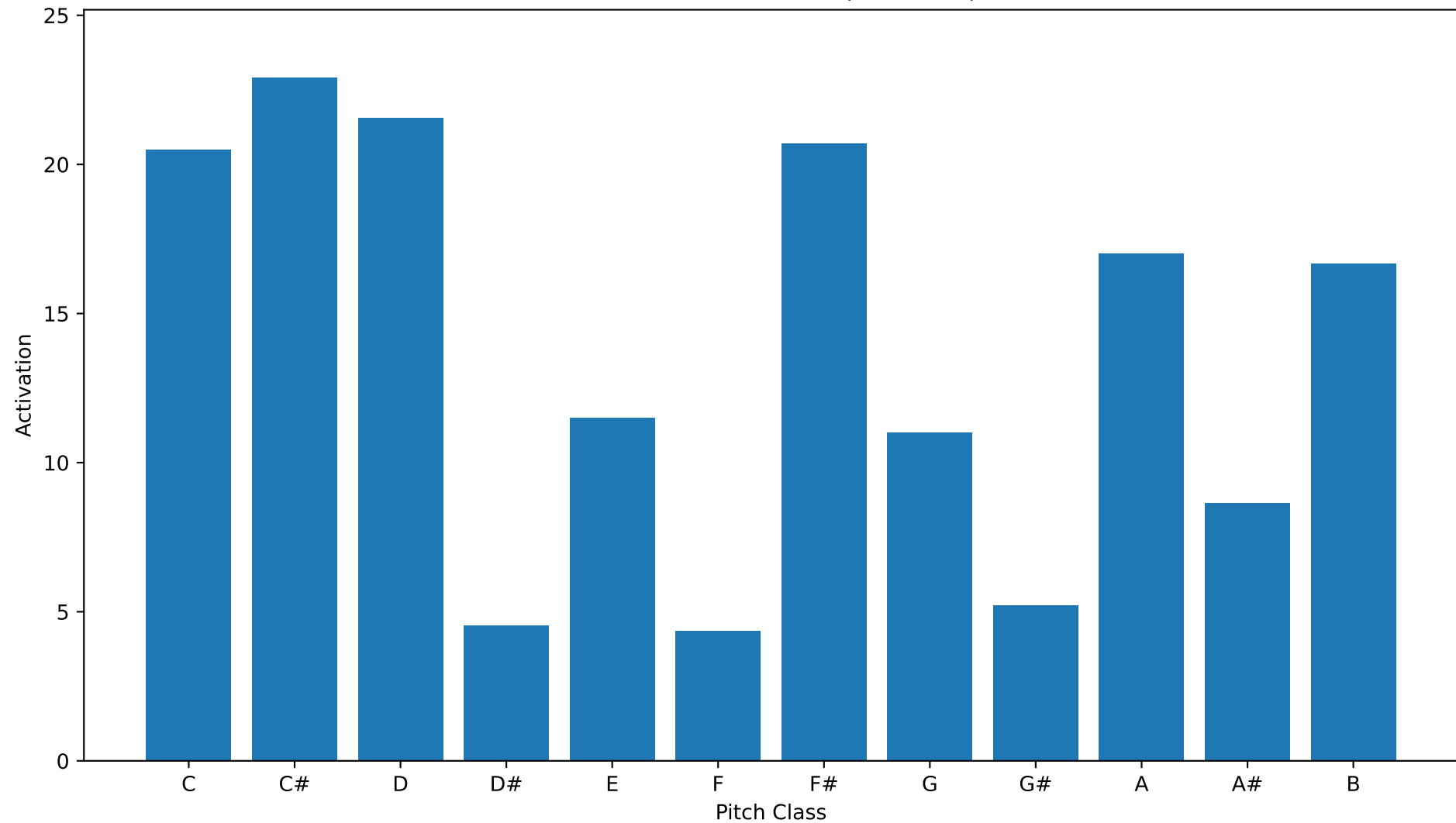
Tonnetz Phase Space (center: F#)

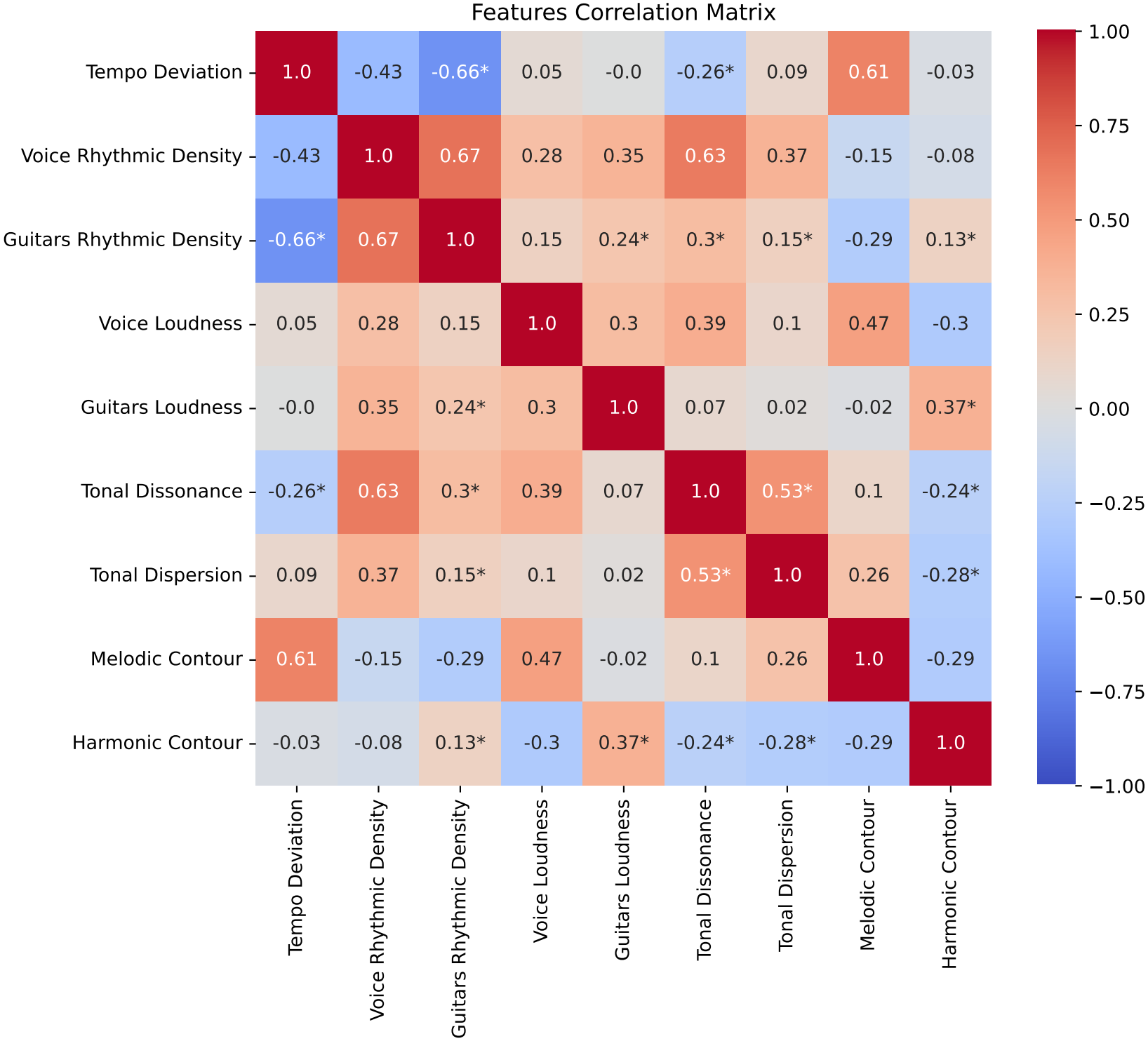


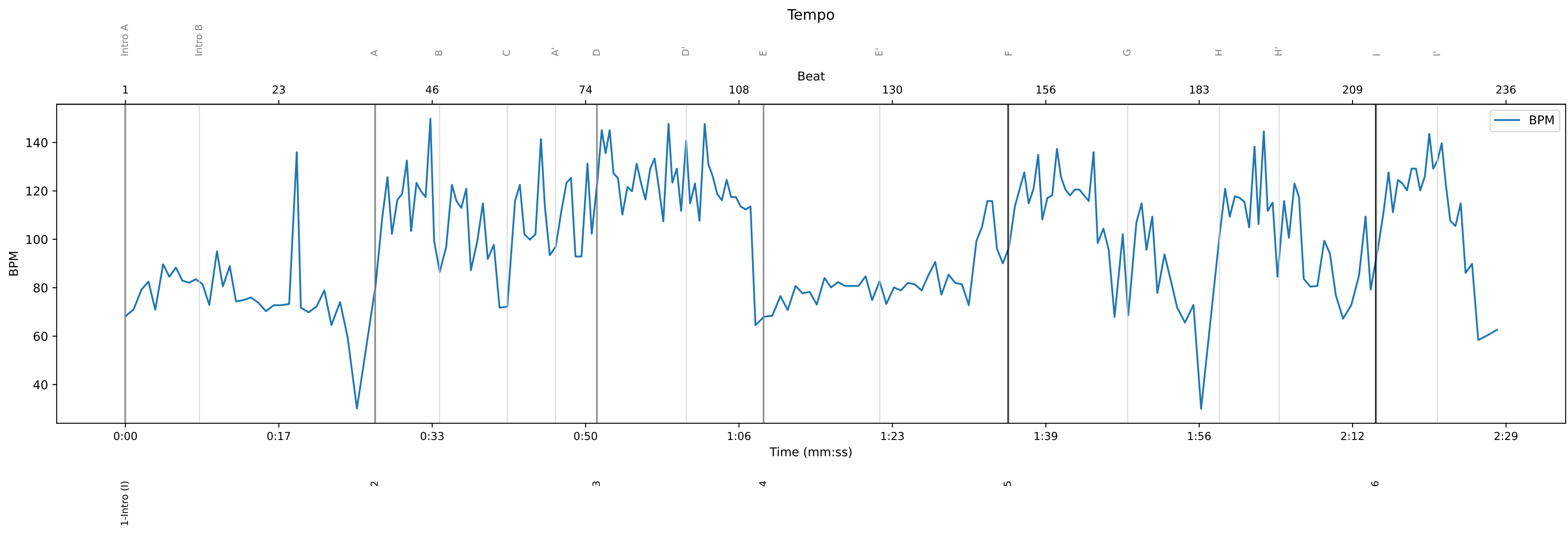
Distribution of Tonal Qualities



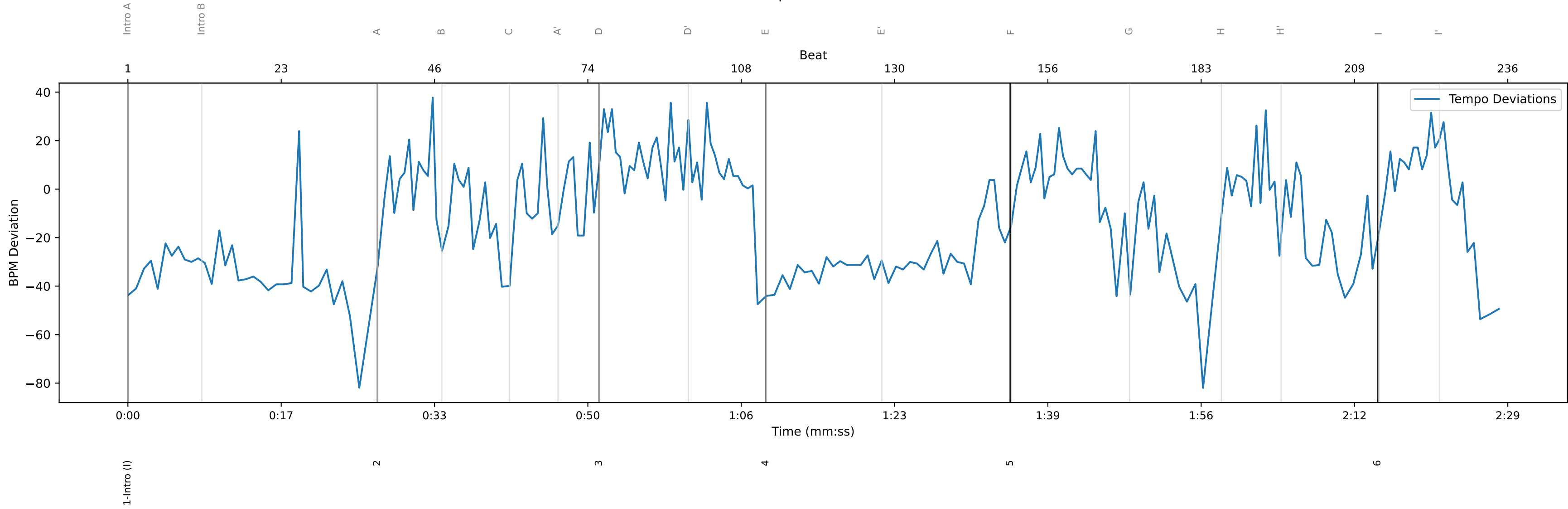
Global Chroma Vector (Section 2)



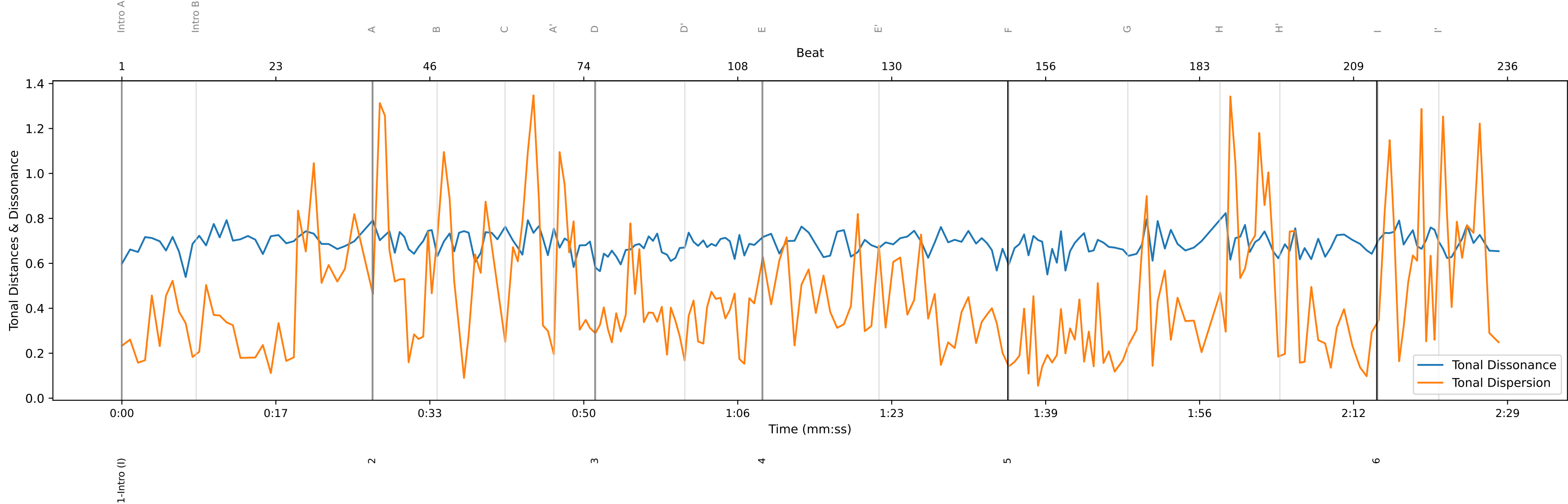


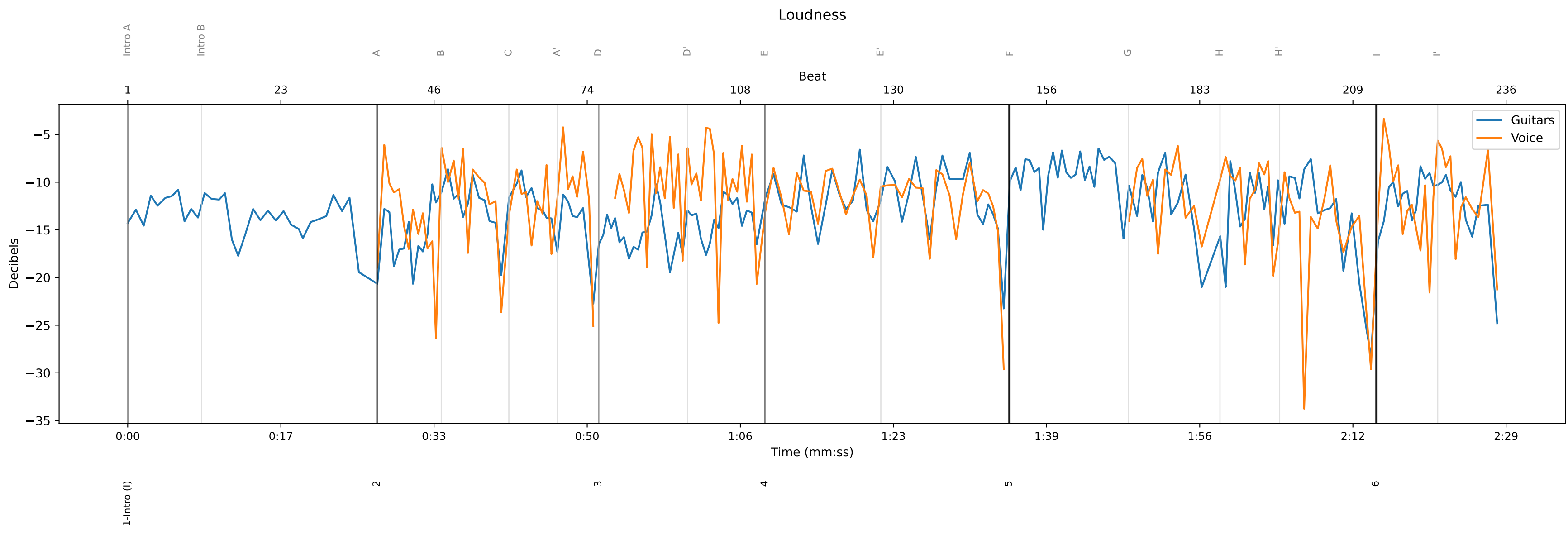


Tempo Deviations

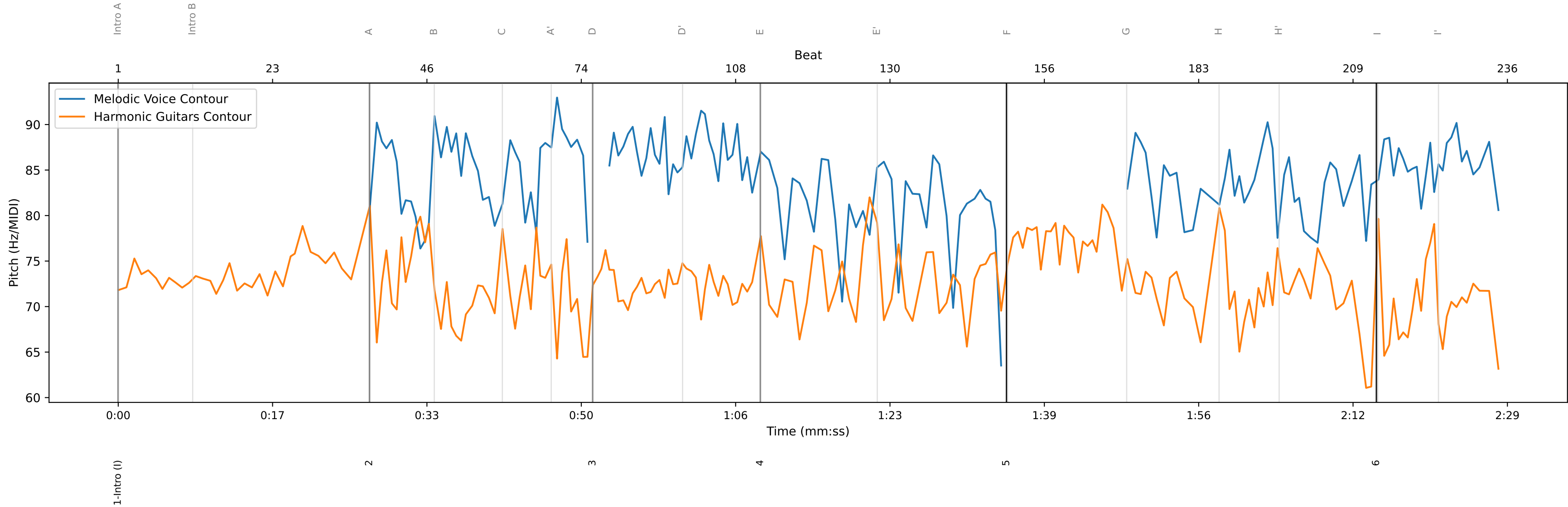


Harmonic Features

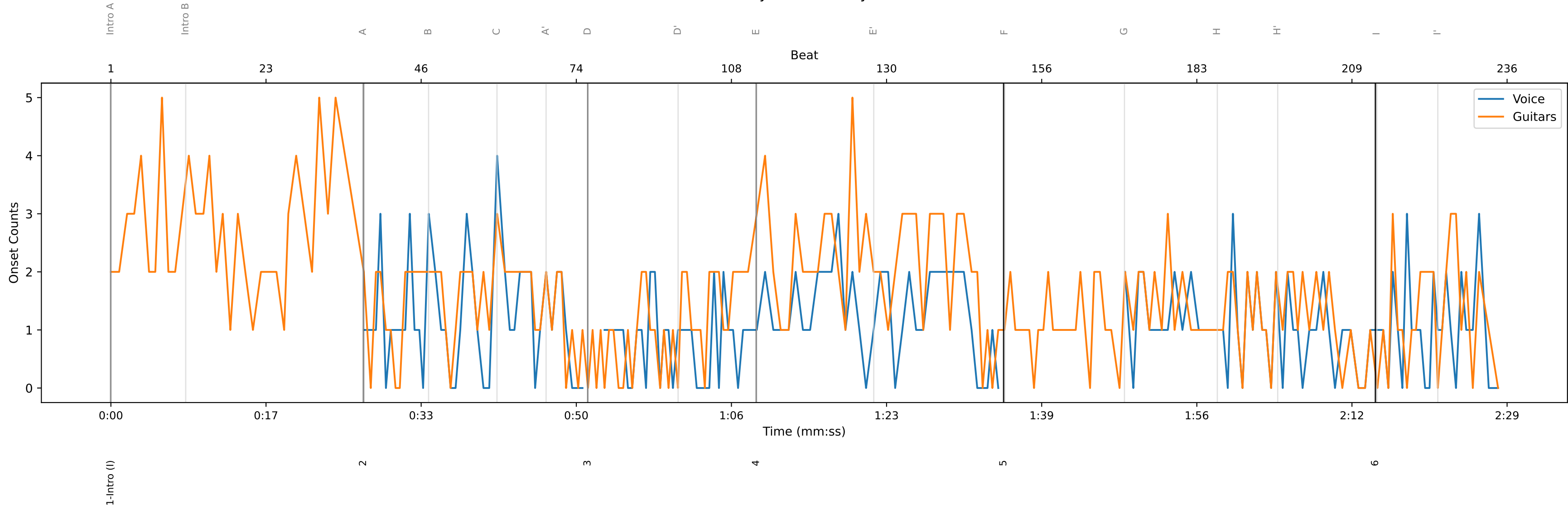




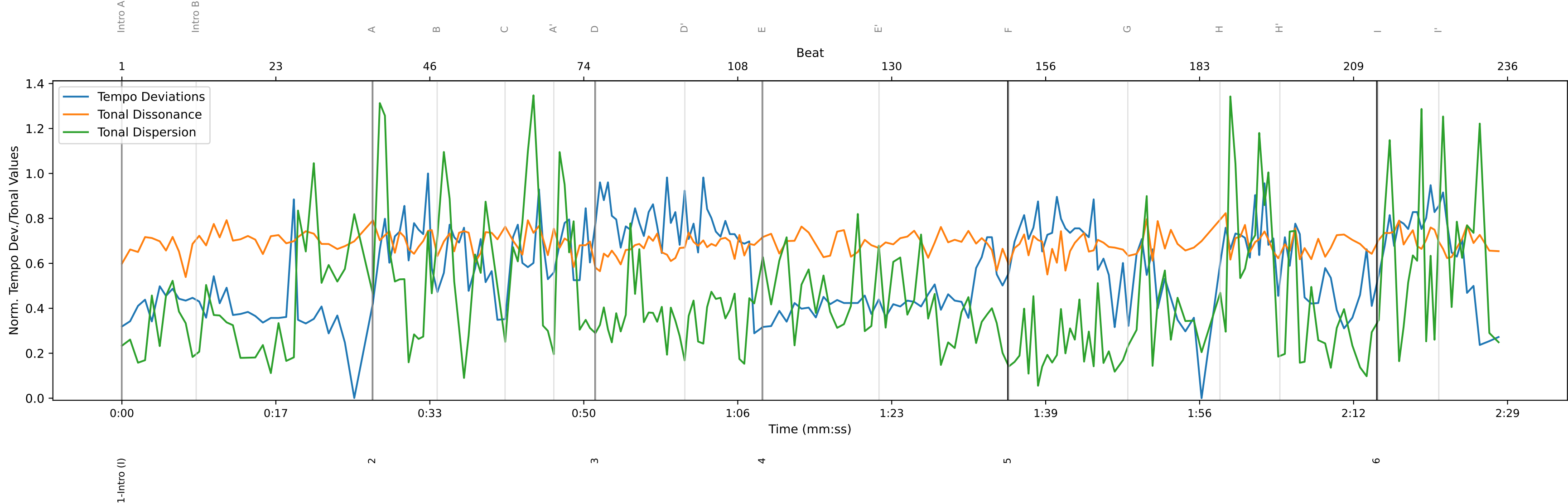
Melodic Voice and Harmonic Guitars Contour



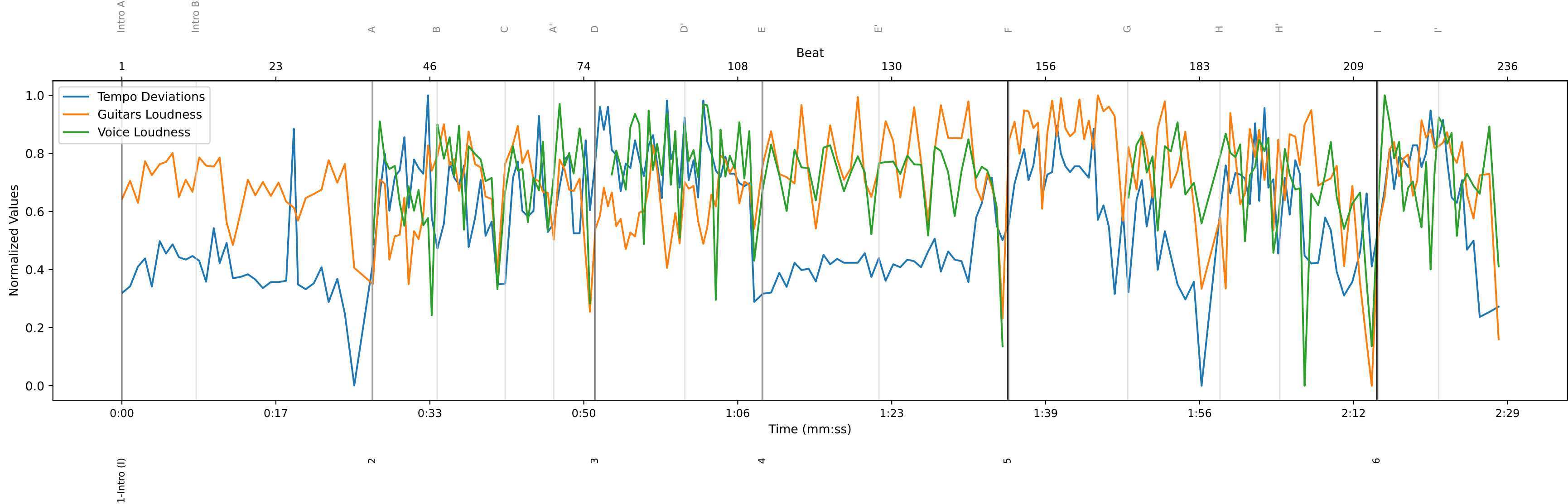
Rhythmic Density



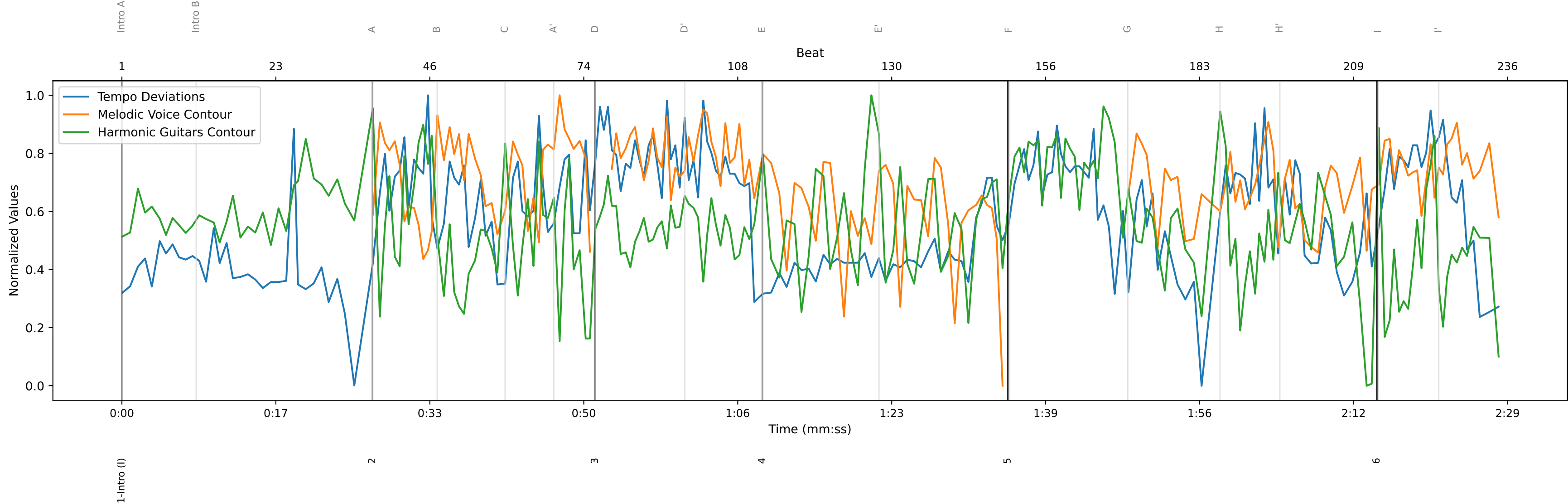
Rhythmic and Harmonic Features



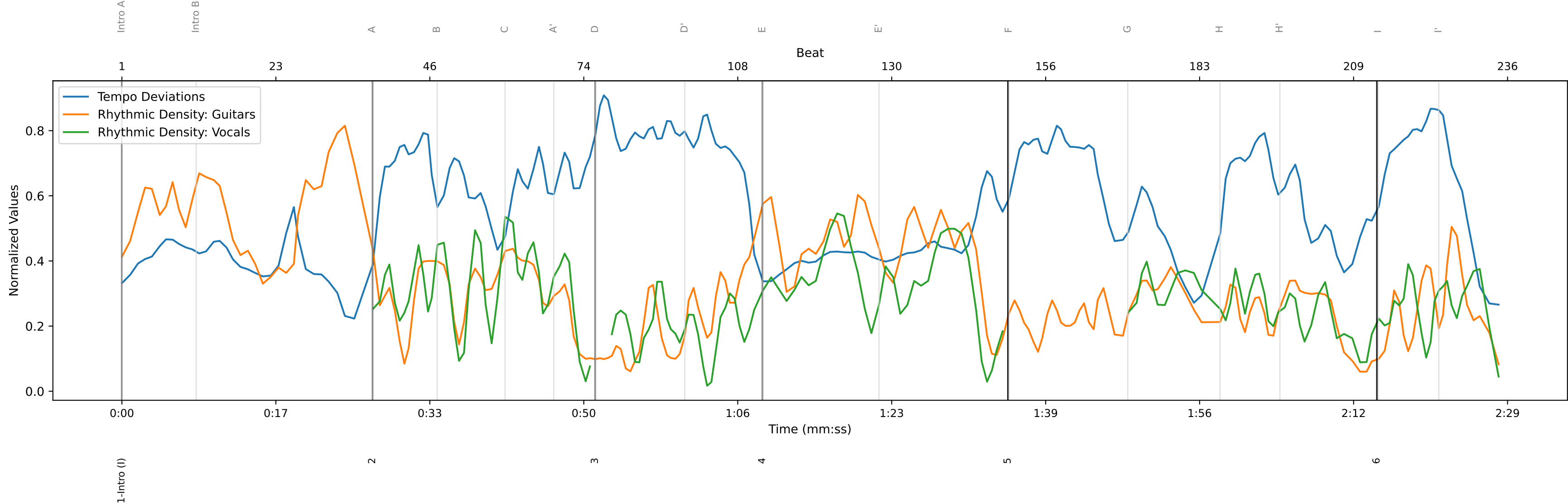
Loudness Curves and Tempo Deviations



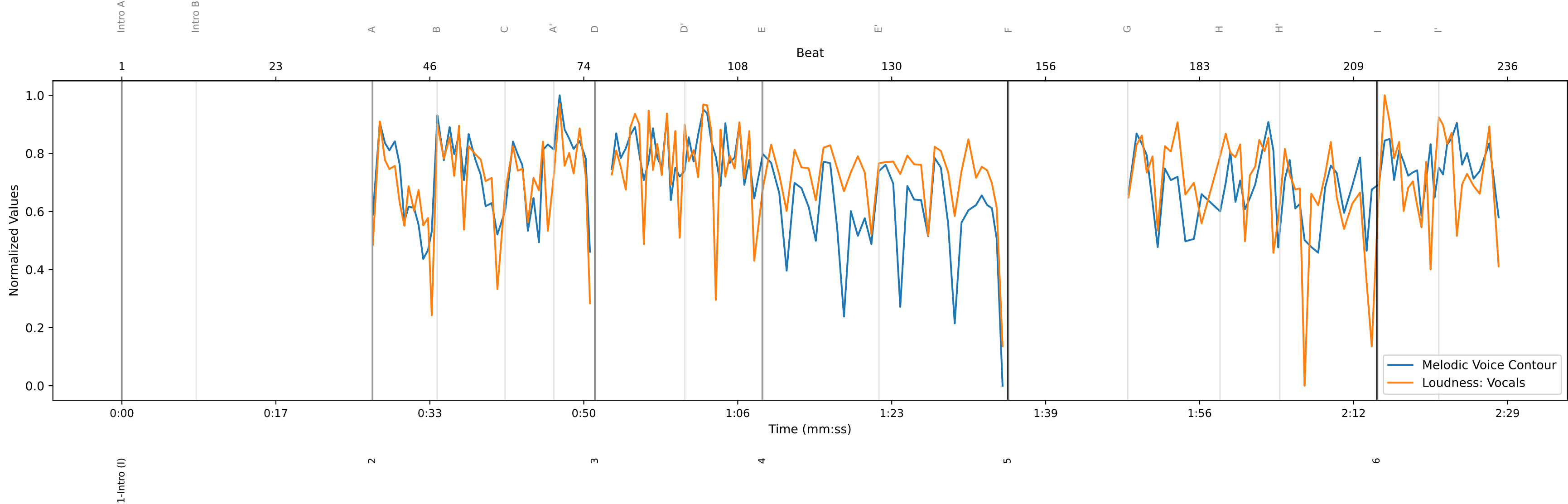
Melodic/Harmonic Contours and Tempo Deviations



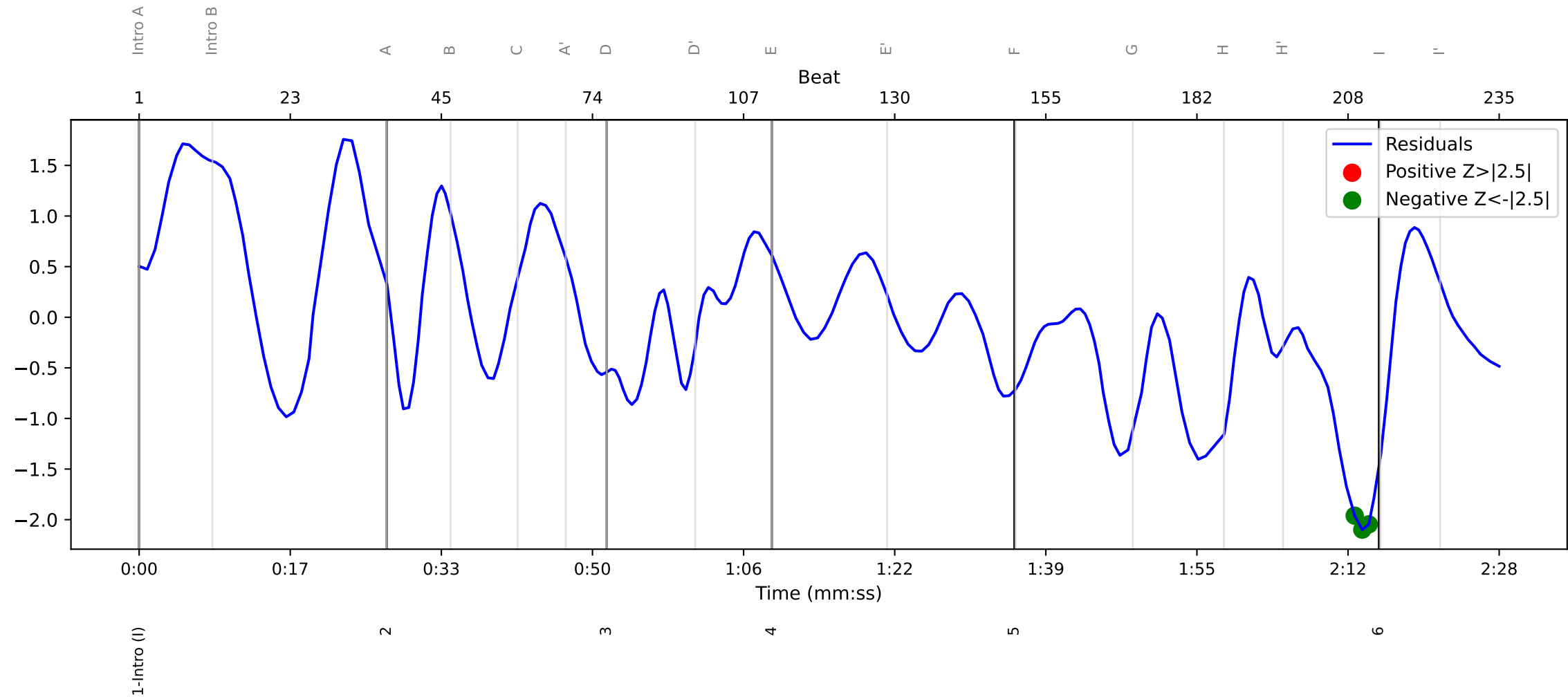
Rhythmic Density and Tempo Deviations



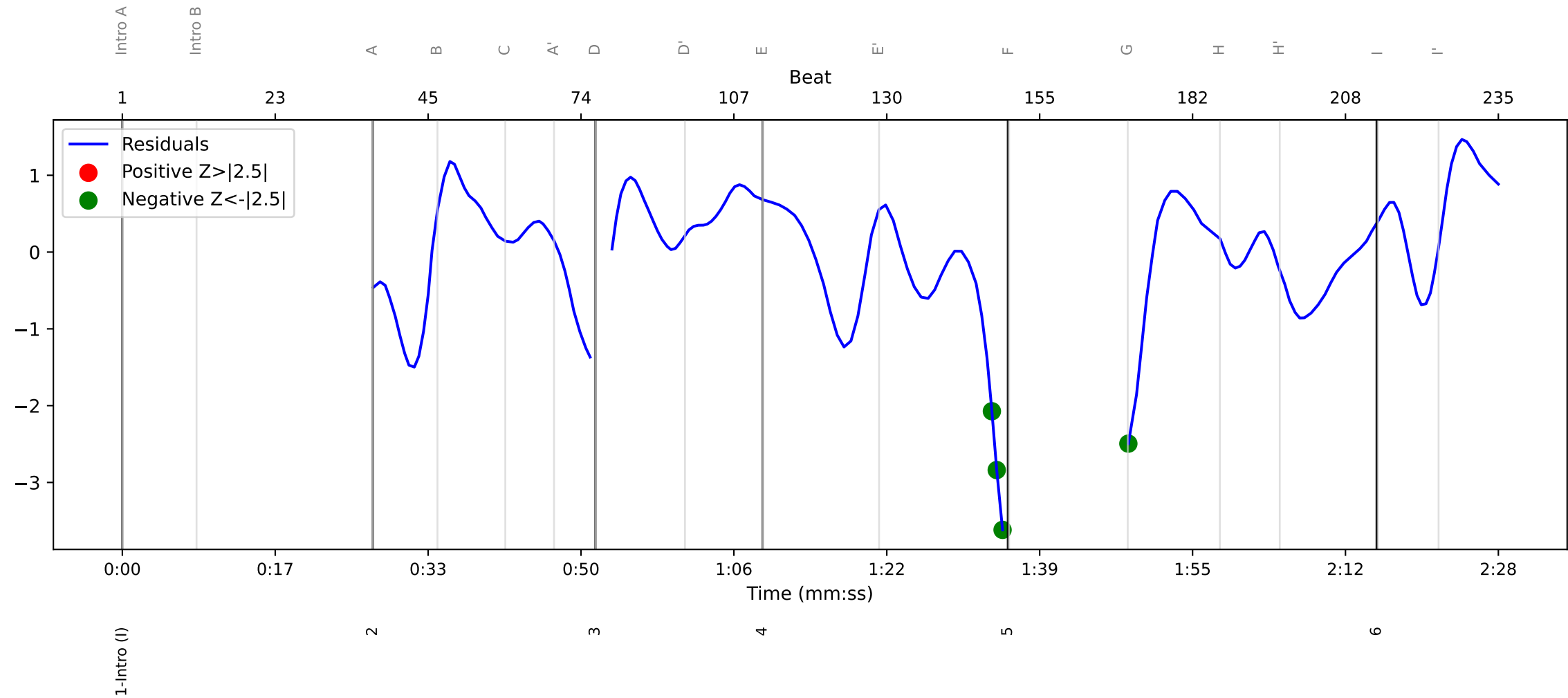
Melodic Voice Contour and Voice Loudness



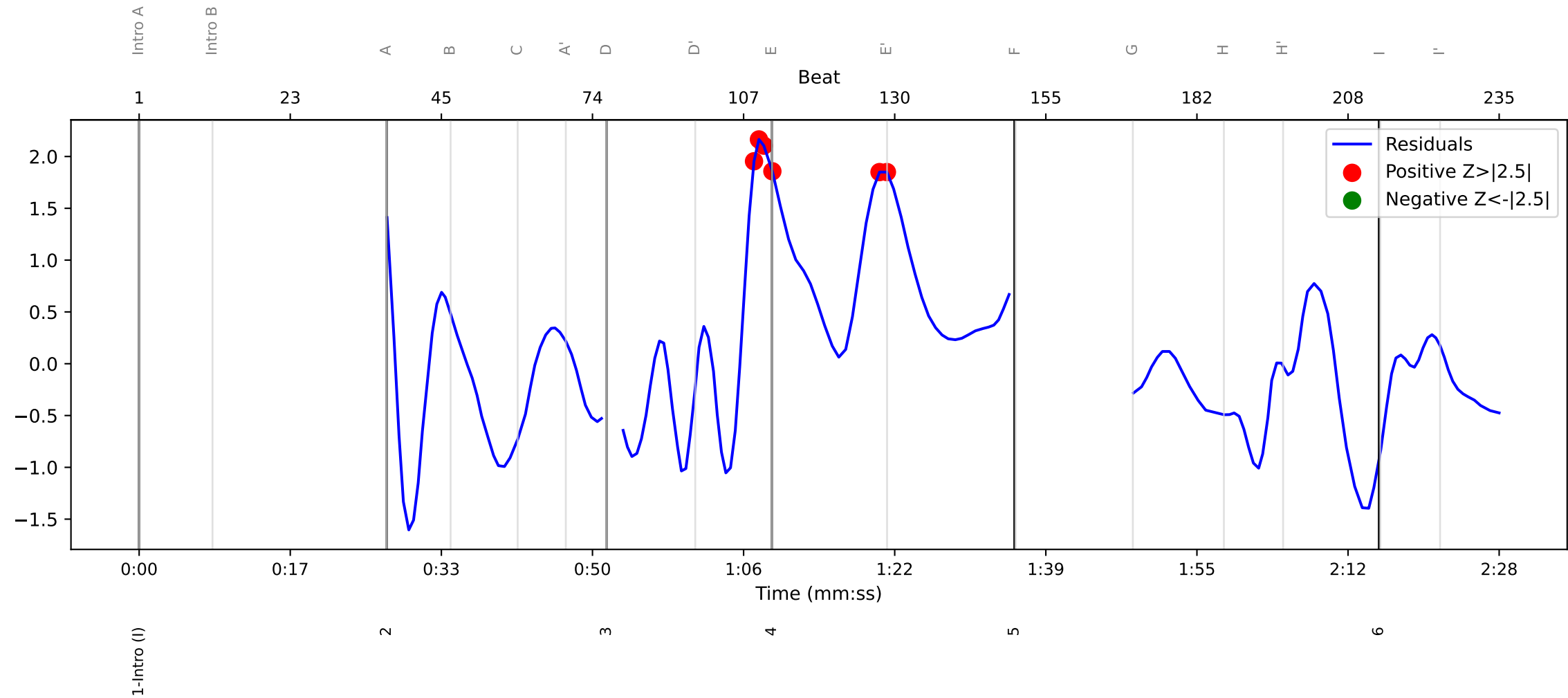
Tempo Deviation vs. Guitars Rhythmic Density (EMD Corr: -0.66)



Tempo Deviation vs. Melodic Contour (EMD Corr: 0.61)



Voice Rhythmic Density vs. Guitars Rhythmic Density (EMD Corr: 0.67)



Voice Rhythmic Density vs. Tonal Dissonance (EMD Corr: 0.63)

