

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 (R^2): 0.3822

P-value: 0.0000

Frame-Level HCF:

Pearson Correlation Coefficient (R): 0.0731

R-squared (R^2): 0.0053

P-value: 0.0000

Beat-Synchronized Chroma Comparison:

Pearson Correlation Coefficient (R): 0.5470

R-squared (R^2): 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 (R^2): 0.0012

P-value: 0.6013

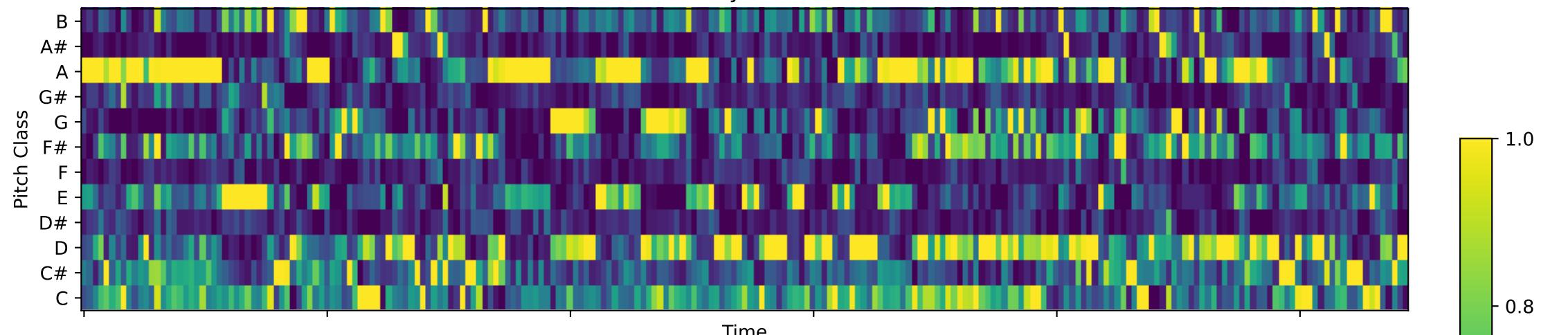
Tonal Dispersion (Audio vs. Ground Truth):

Pearson Correlation Coefficient (R): 0.1996

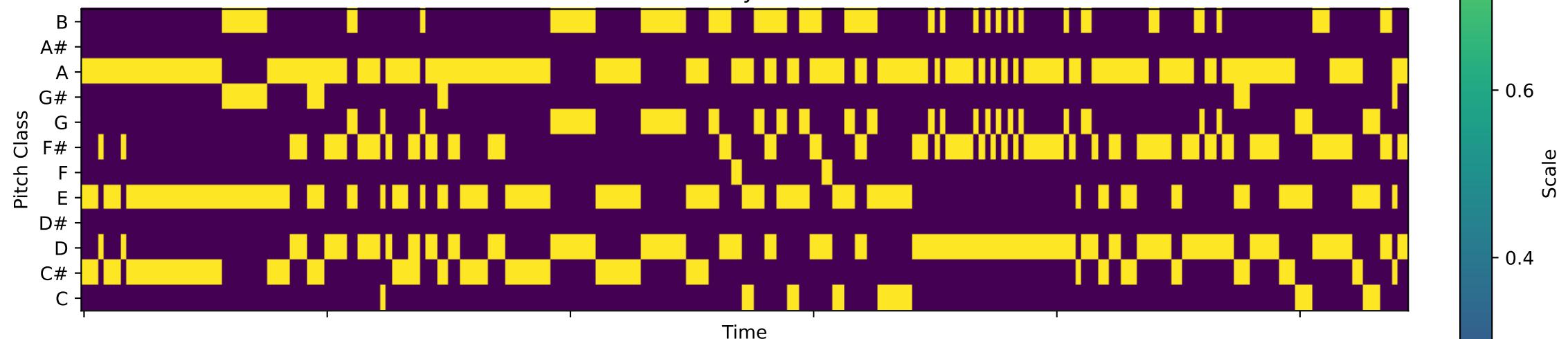
R-squared (R^2): 0.0399

P-value: 0.0021

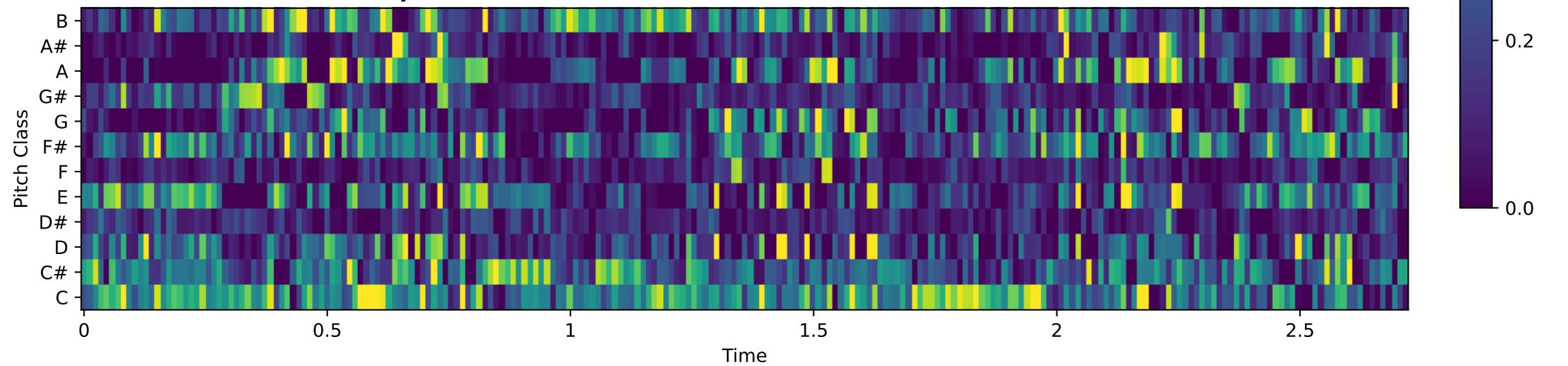
Calculated Beat-Synchronized Chroma



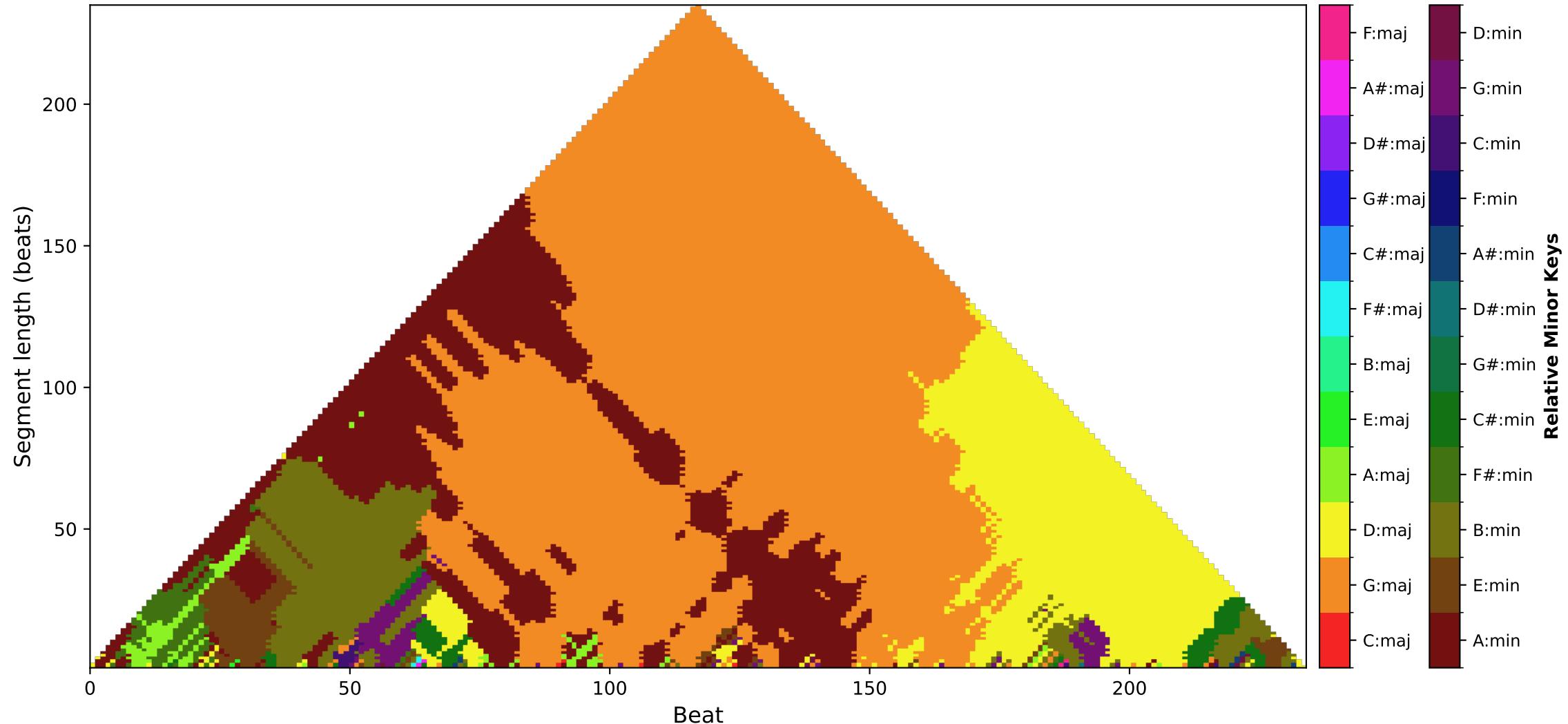
Ground Truth Beat-Synchronized Chroma



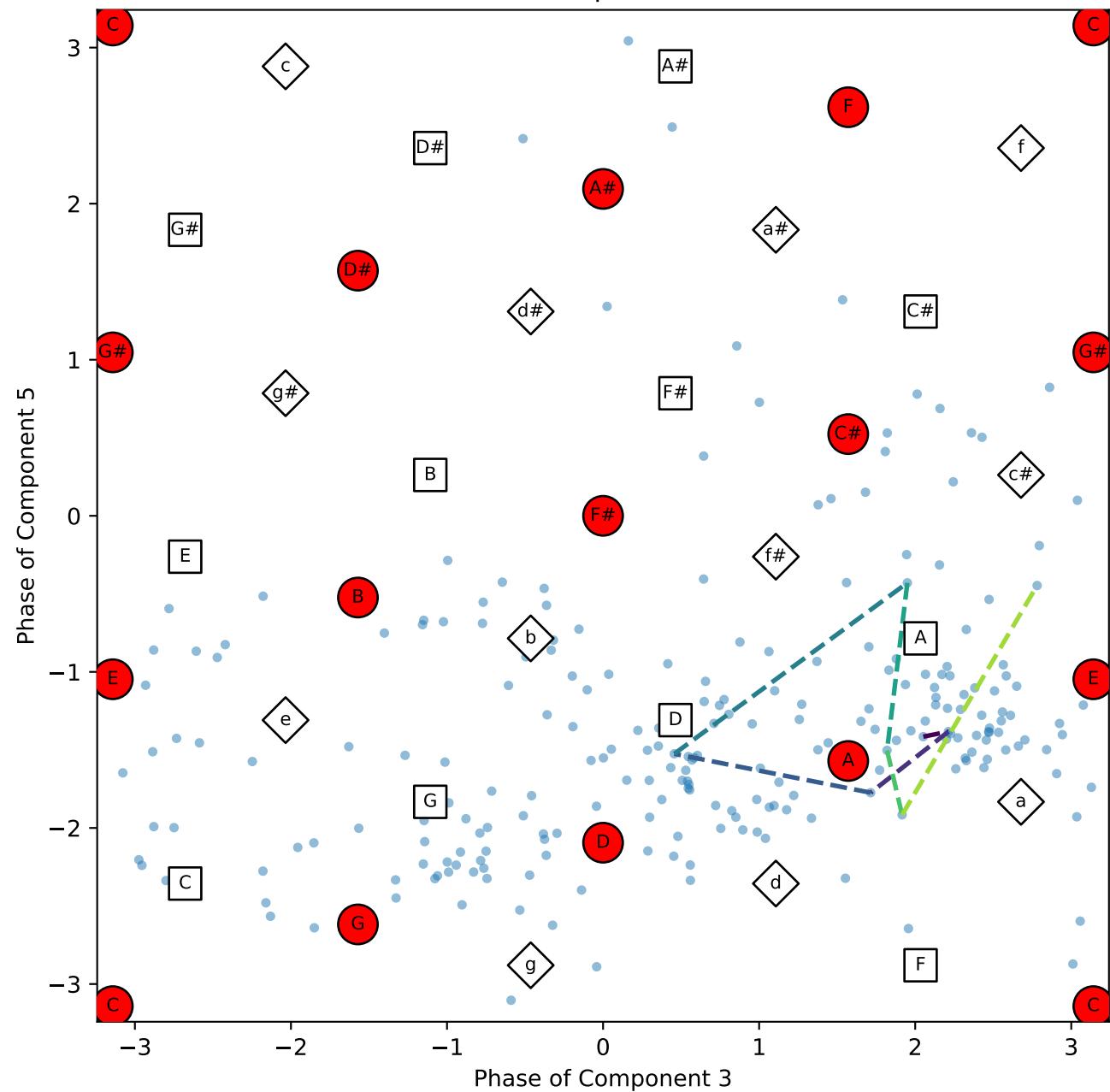
Beat-Synchronized Chroma Absolute Difference (Calculated - Ground Truth)



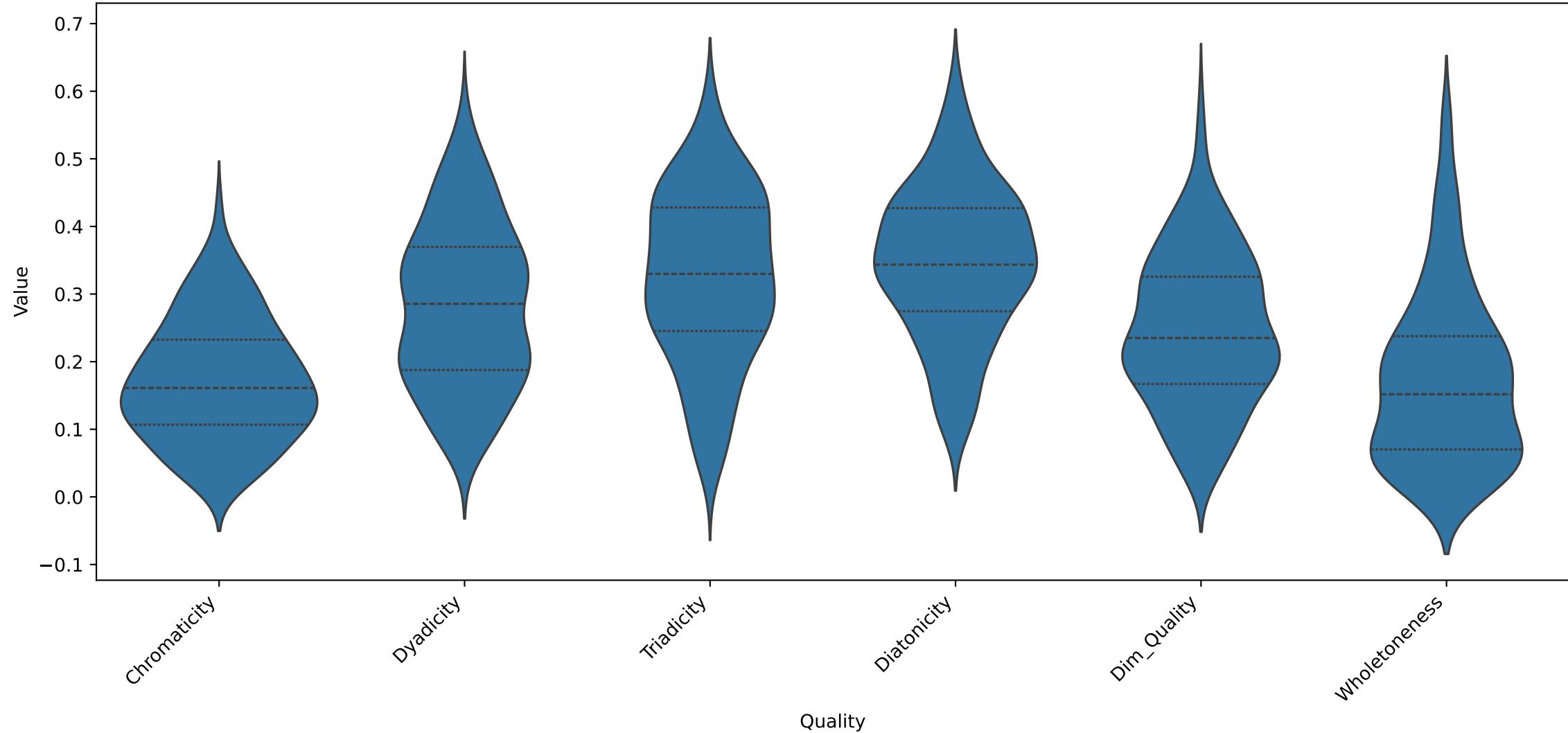
Keyscape



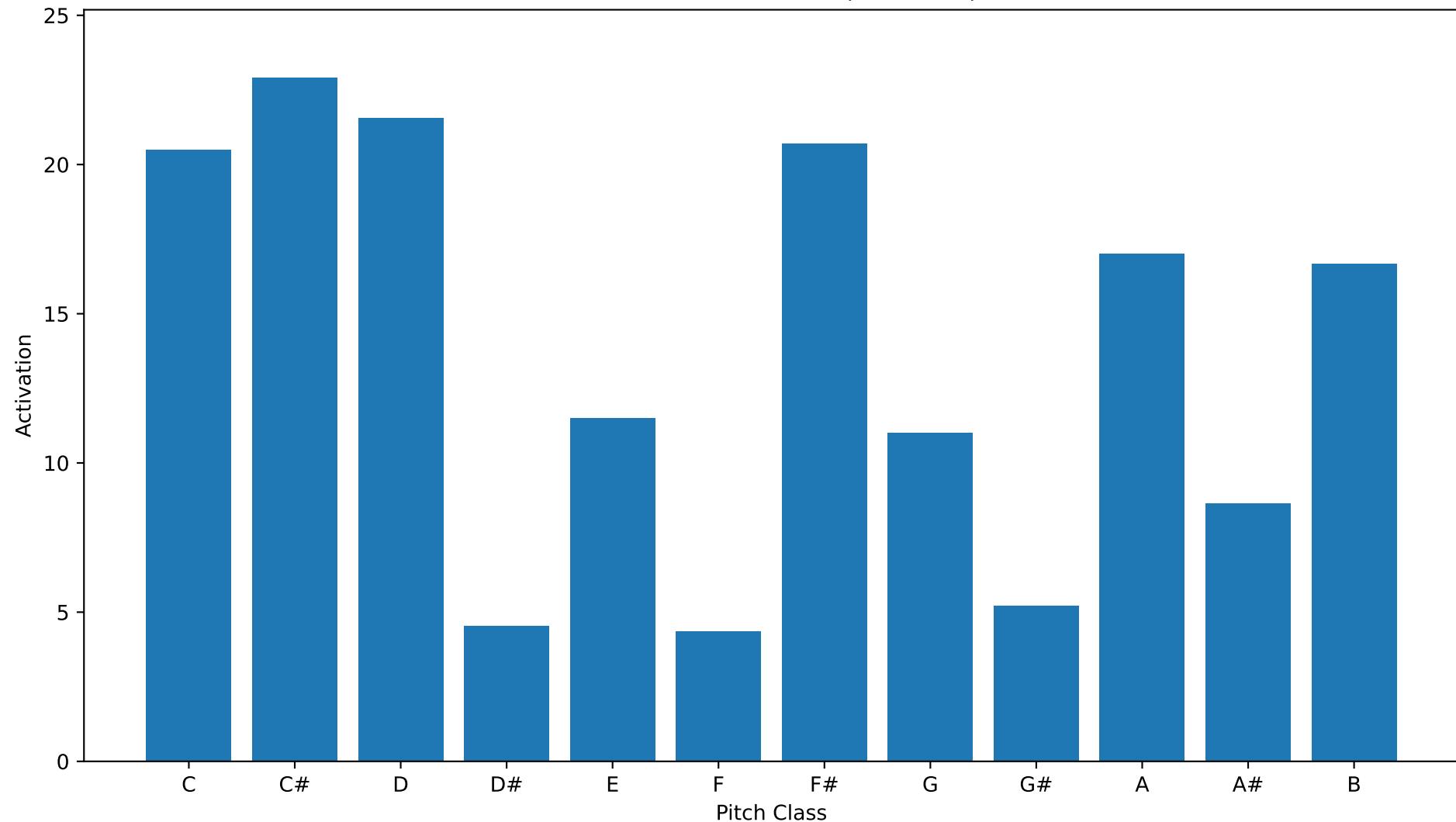
Tonnetz Phase Space (center: F#)

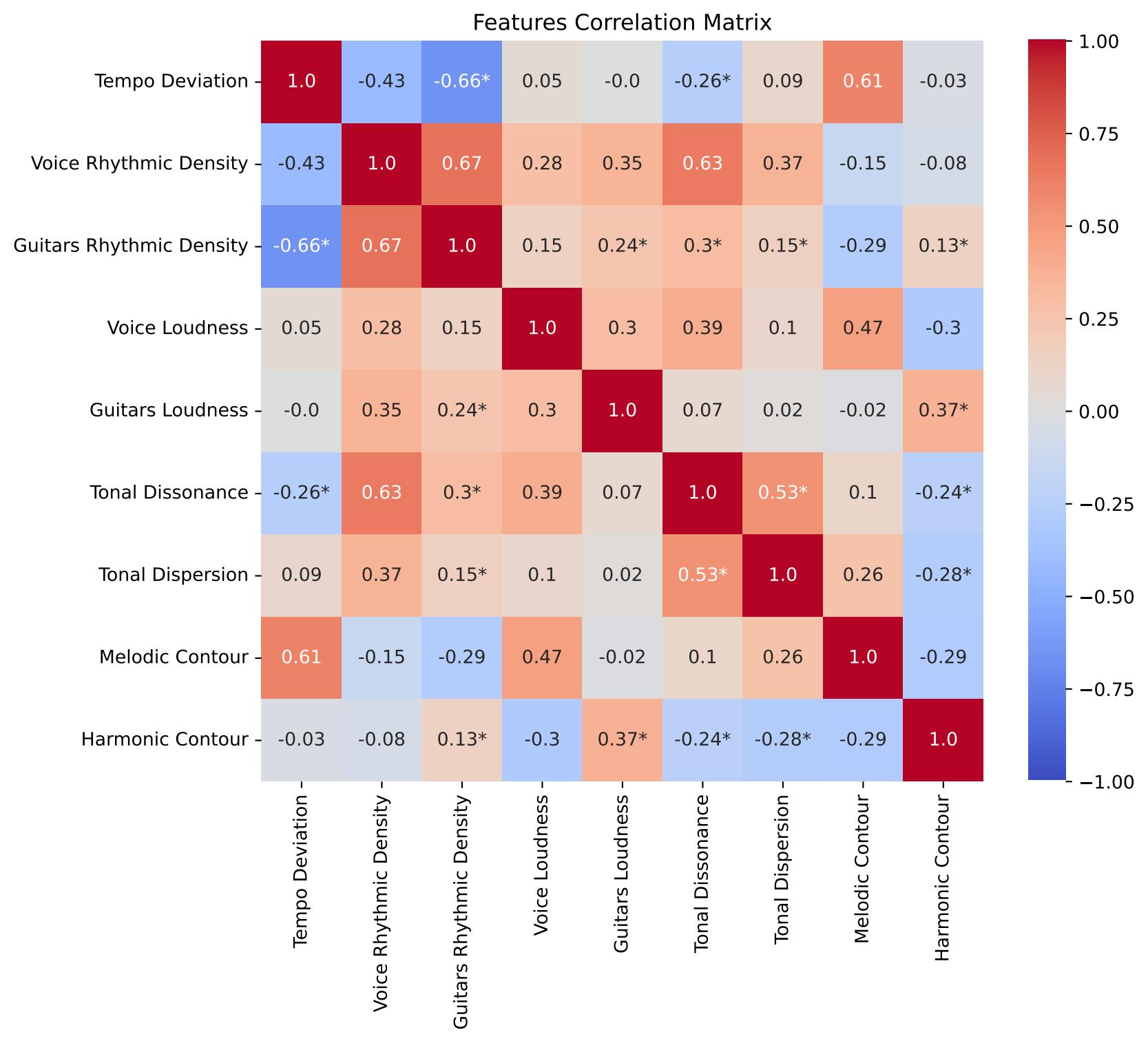


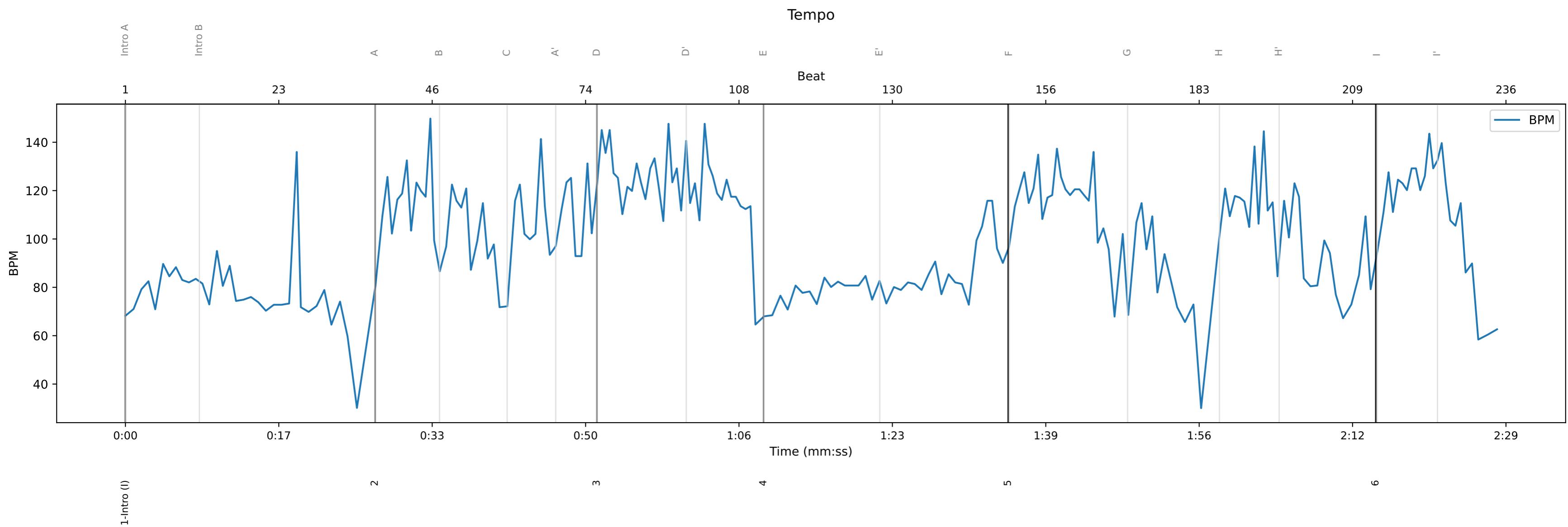
Distribution of Tonal Qualities

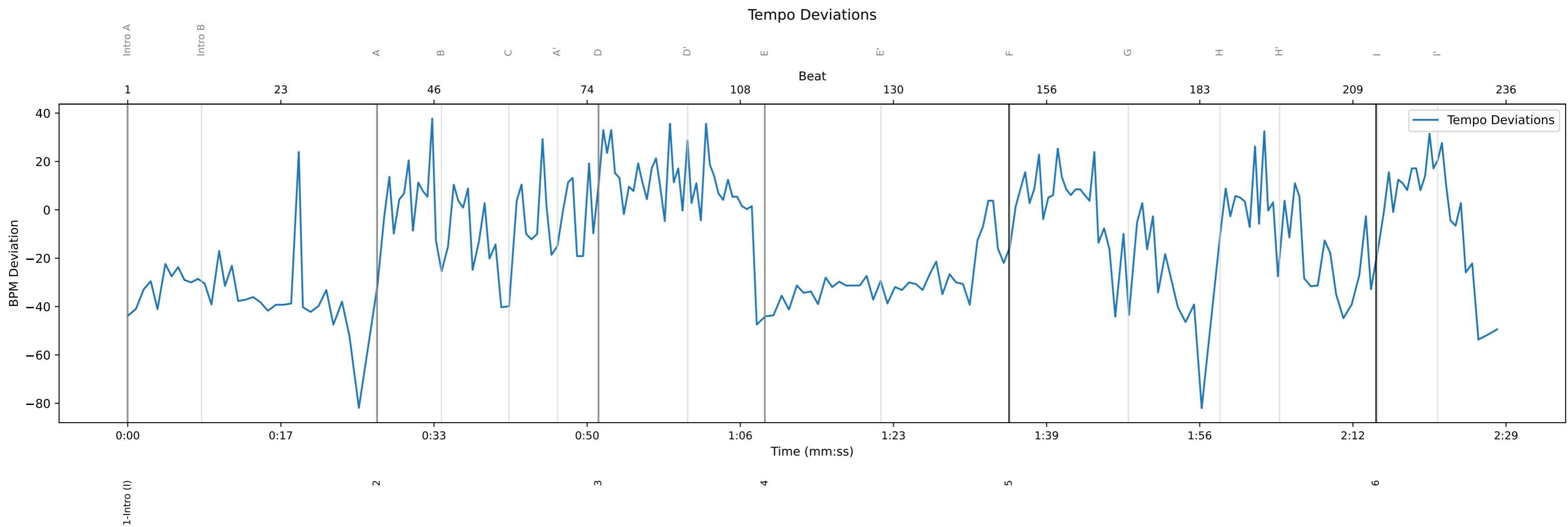


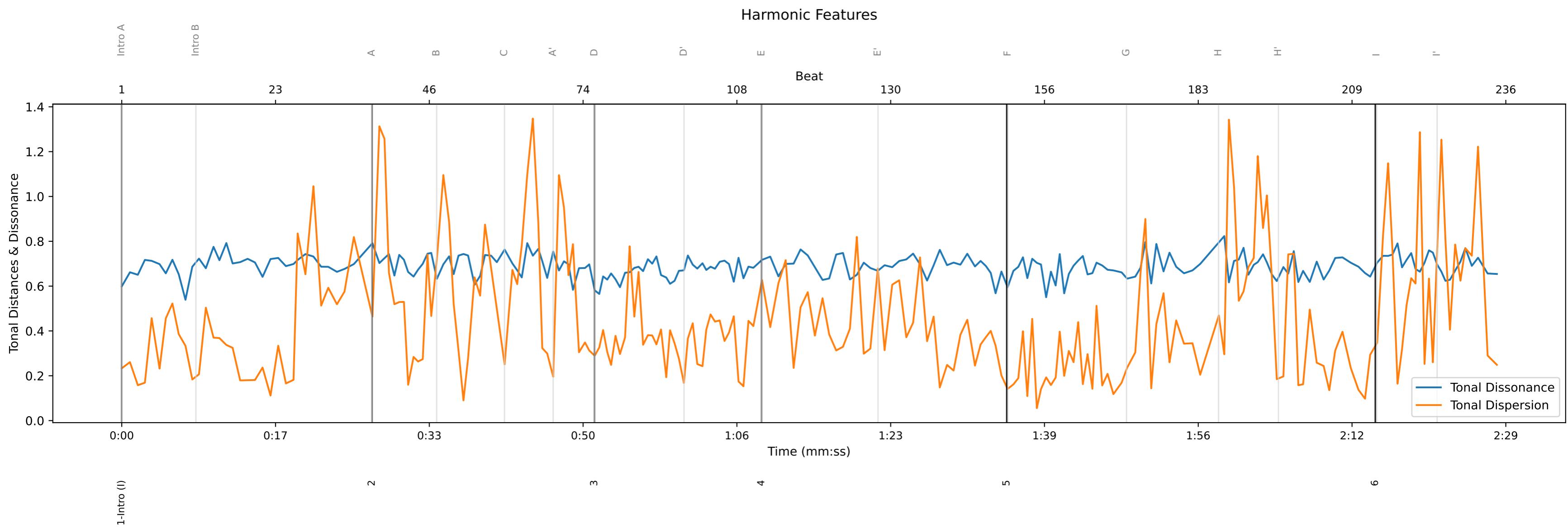
Global Chroma Vector (Section 2)

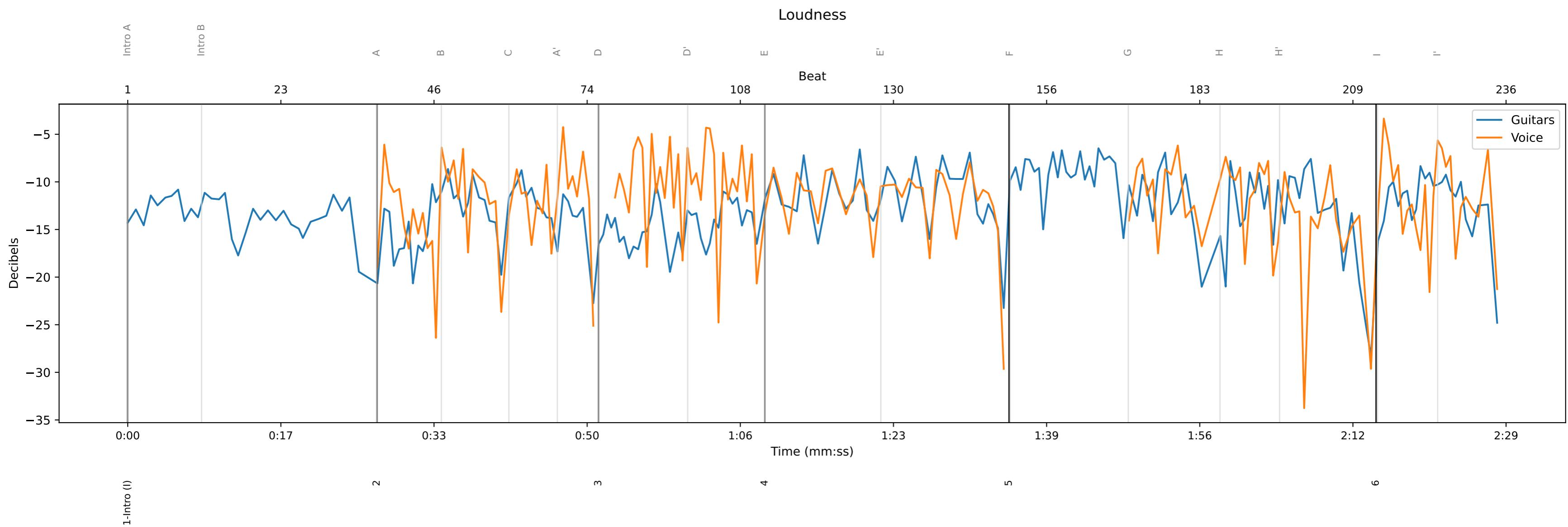


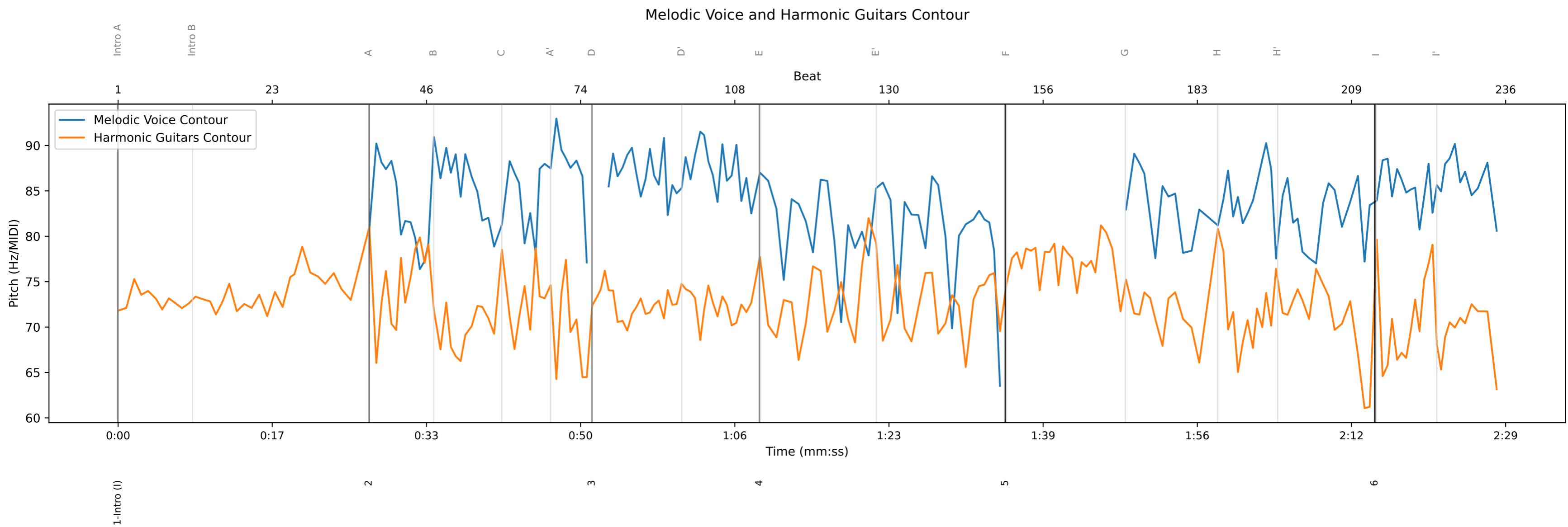


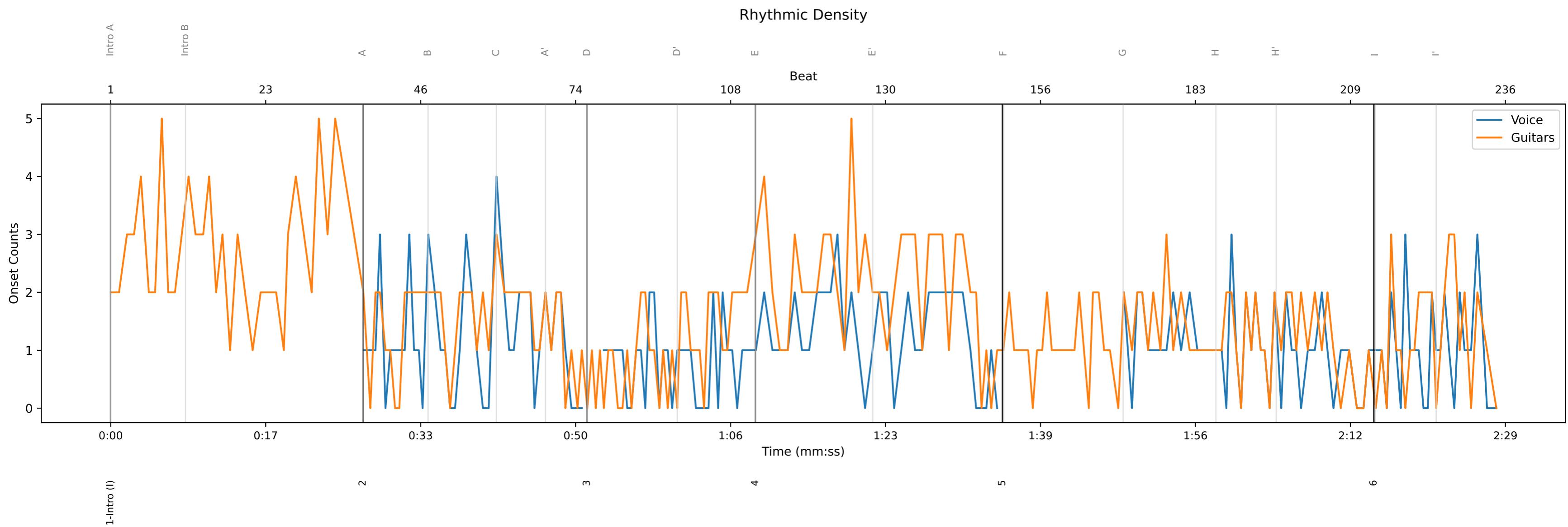


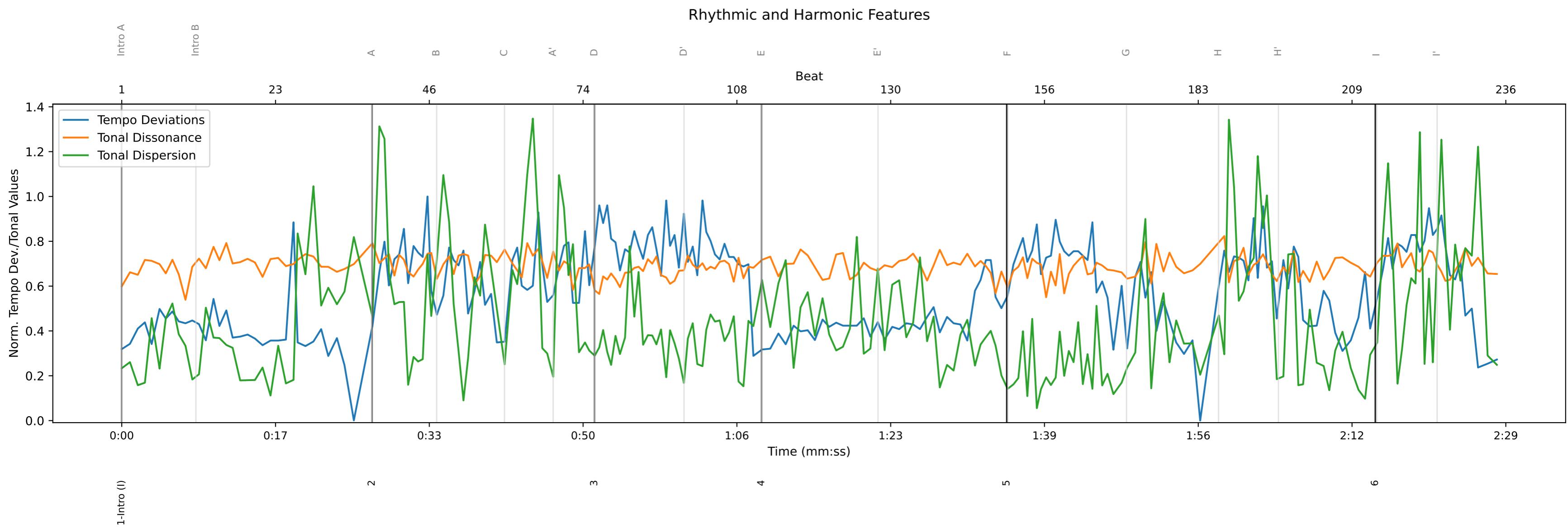




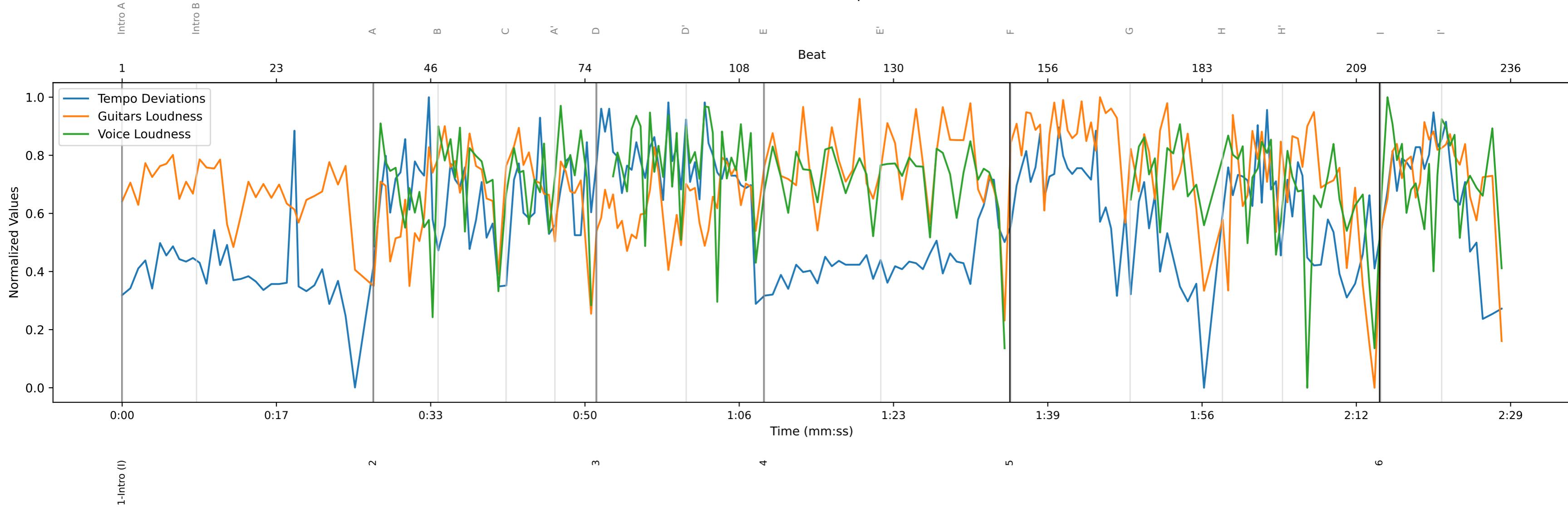




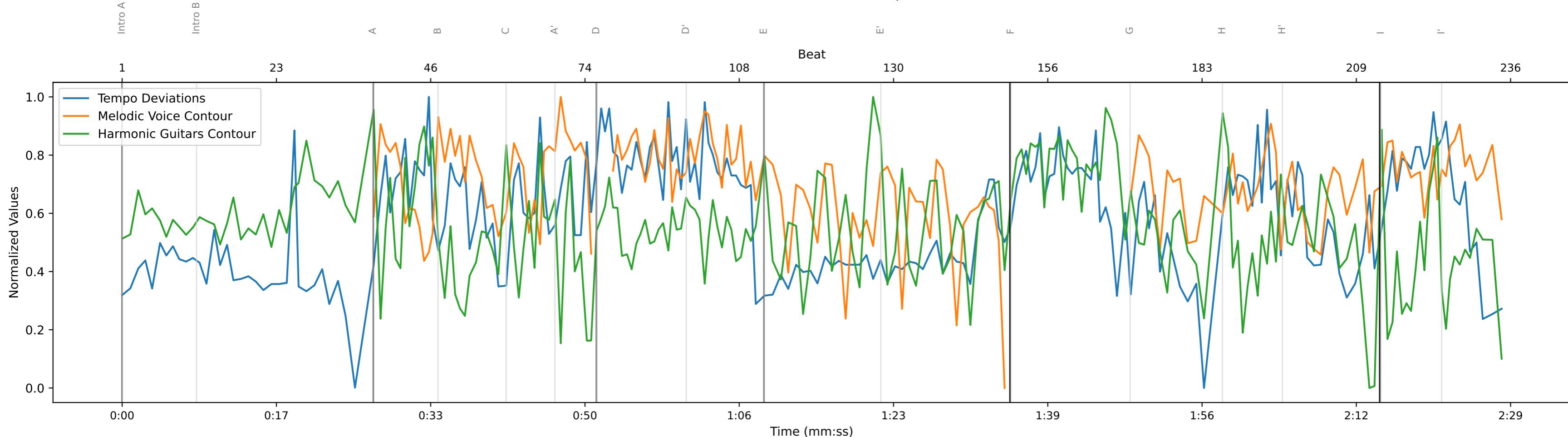




Loudness Curves and Tempo Deviations



Melodic/Harmonic Contours and Tempo Deviations



1-Intro (I)

2

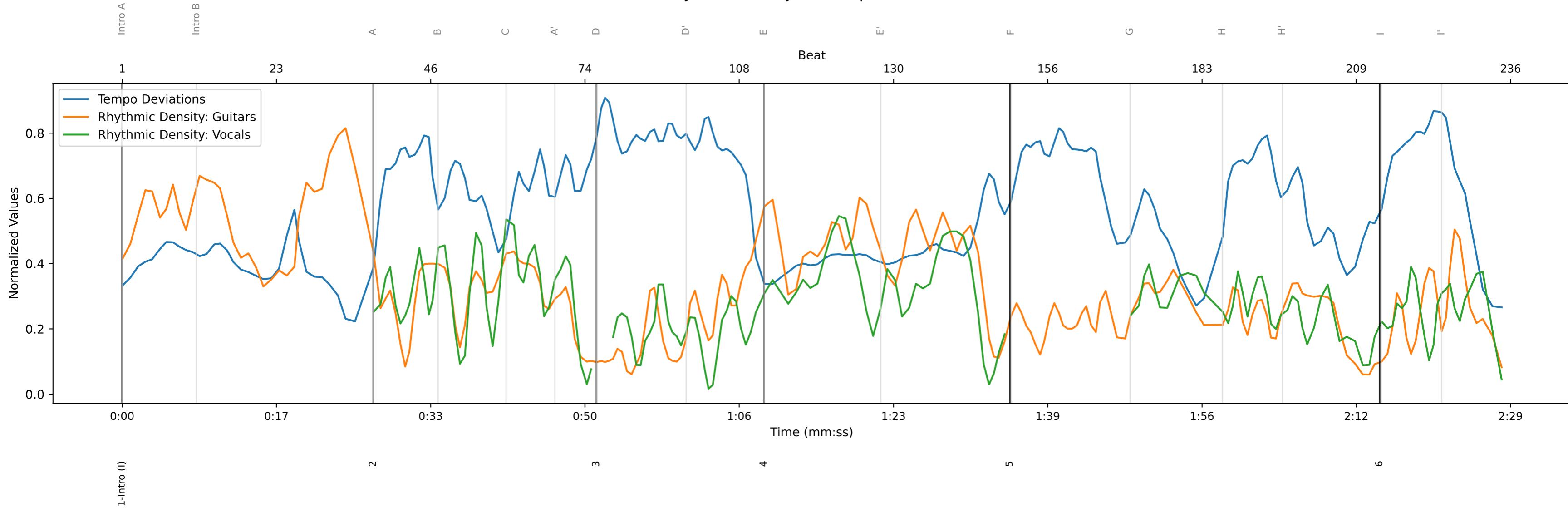
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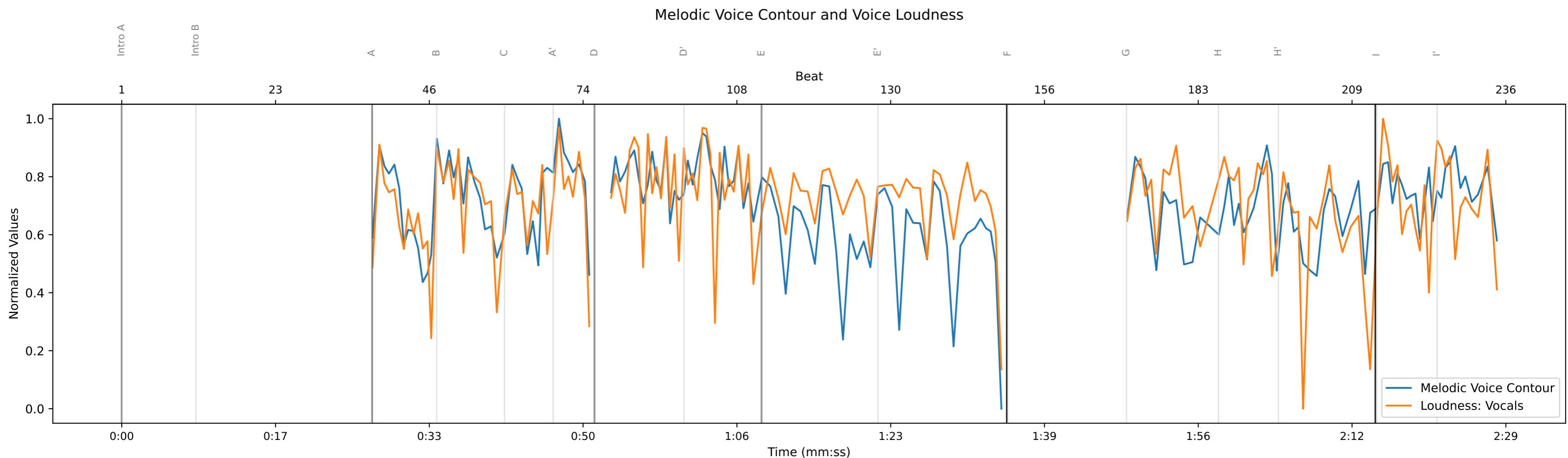
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Rhythmic Density and Tempo Deviations





1-Intro (I)

2

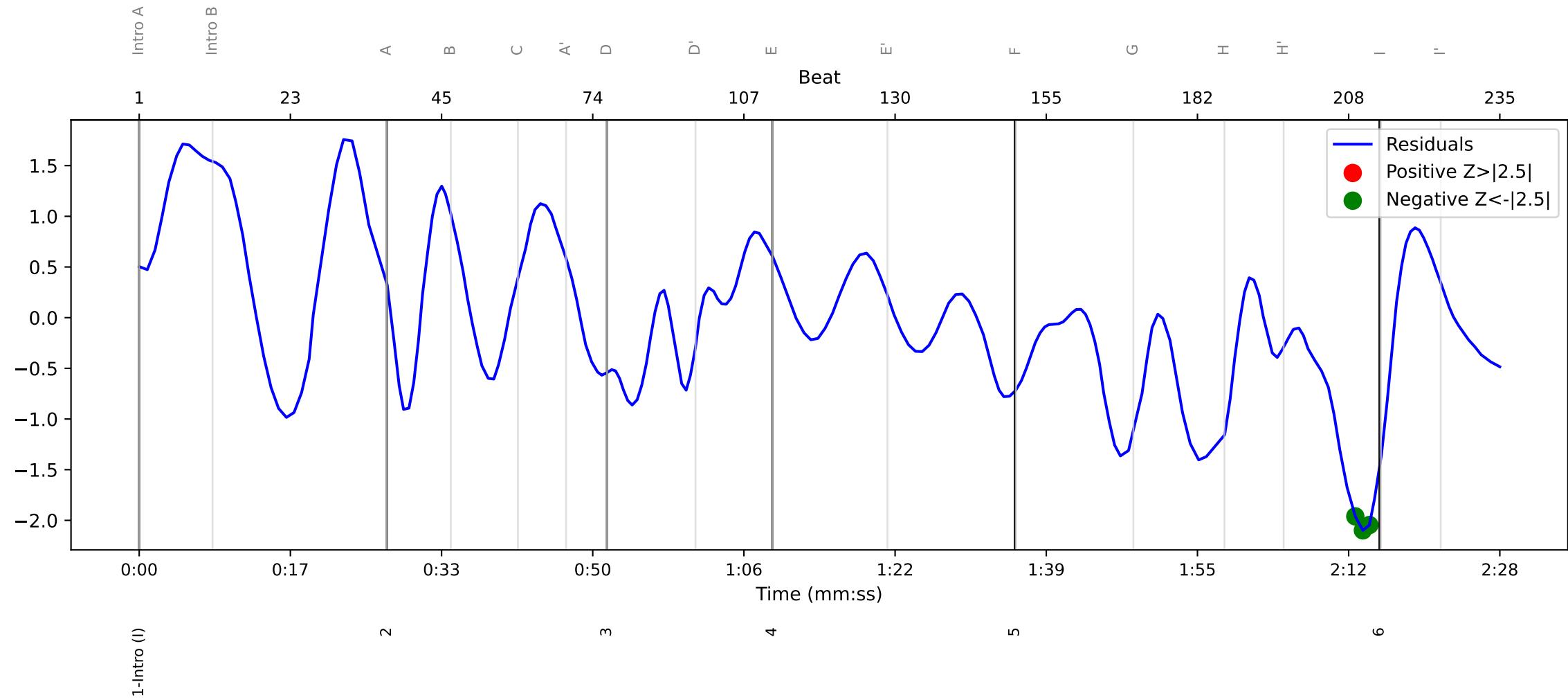
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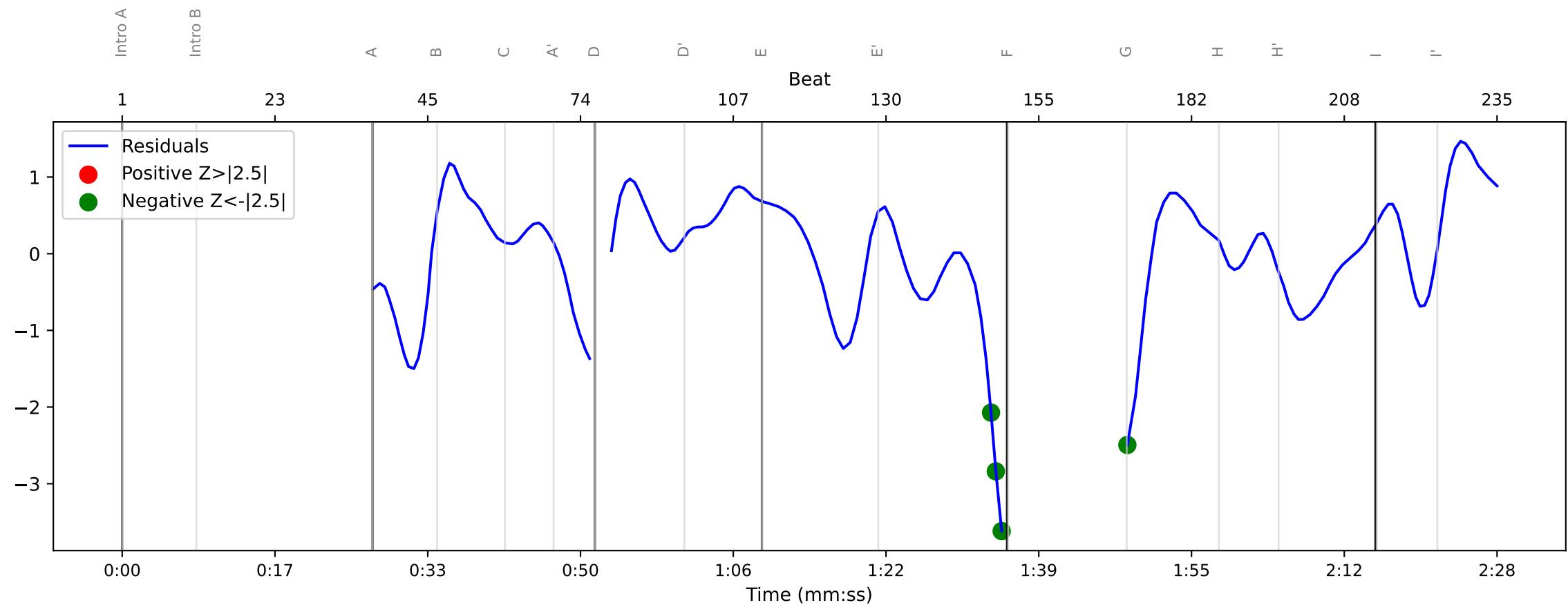
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Tempo Deviation vs. Guitars Rhythmic Density (EMD Corr: -0.66)

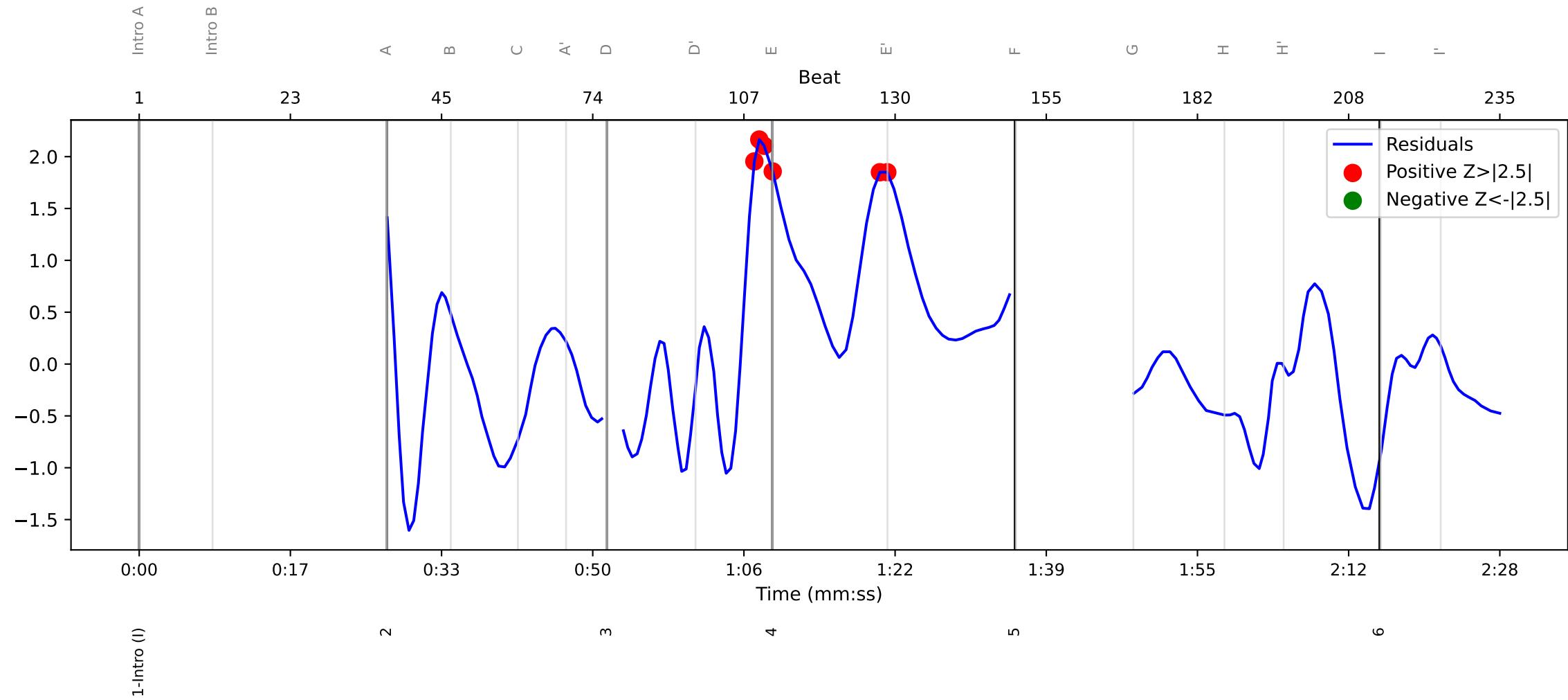


Tempo Deviation vs. Melodic Contour (EMD Corr: 0.61)



1-Intro (I)

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



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

