

# Ti' Anica

Music21

Original

TIV Euclidean 0.25

TIV Euclidean 0.5

TIV Euclidean 0.75

Original

TIV Cosine 0.25

TIV Cosine 0.5

TIV Cosine 0.75

The image displays a musical score for a piece titled "Ti' Anica". The score is presented in two systems, each containing four staves. The first system shows the original melody and its TIV (Tonal Interval Variance) processed versions using the Euclidean metric at 0.25, 0.5, and 0.75 levels. The second system shows the original melody and its TIV processed versions using the Cosine metric at 0.25, 0.5, and 0.75 levels. The original melody is in 2/4 time, starting with a quarter rest, followed by a quarter note G4, a quarter note A4, a quarter note B4, a quarter note C5, a quarter note B4, a quarter note A4, a quarter note G4, and a quarter note F#4. The TIV processed versions show varying degrees of interval distortion, with the 0.25 level showing the most significant changes and the 0.75 level showing the least. The Cosine metric versions show a different pattern of interval distortion compared to the Euclidean metric versions.

Figure 1 displays musical notation for Euclidean and Cosine TIVs. The notation is organized into two main sections: Euclidean (top) and Cosine (bottom). Each section contains four staves, labeled 'Original', 'TIV Euclidean 0.25', 'TIV Euclidean 0.5', and 'TIV Euclidean 0.75' for the top section, and 'Original', 'TIV Cosine 0.25', 'TIV Cosine 0.5', and 'TIV Cosine 0.75' for the bottom section. The notation shows a sequence of notes and rests over 7 measures. The 'Original' staff for both sections is identical, starting with a treble clef and a key signature of one sharp (F#). The TIV staves show varying degrees of rhythmic transformation, with some notes being replaced by rests or changed in duration.

The image displays a musical score for a piece titled "TIV". The score is organized into two systems, each containing five staves. The first system includes the "Original" version and three processed versions: "TIV Euclidean 0.25", "TIV Euclidean 0.5", and "TIV Euclidean 0.75". The second system includes the "Original" version and three processed versions: "TIV Cosine 0.25", "TIV Cosine 0.5", and "TIV Cosine 0.75". The music is written in treble clef with a key signature of one flat (B-flat). The tempo is marked as "Allegretto" with a metronome marking of 14. The score consists of four measures. The original melody is a simple sequence of notes. The processed versions show varying degrees of rhythmic and pitch modification, with the Euclidean versions generally maintaining the original pitch but altering the rhythm, and the Cosine versions altering both pitch and rhythm. The TIV 0.75 versions show the most significant changes, with some notes being replaced by rests or different pitches.