

# Visual Approaches for Music Harmonic Analysis: Evaluation Study

## TASKS

### Task 1

Provide the harmonic analysis for the following chorale:



## Task 2

Provide the harmonic analysis for the following chorale:

The image shows a musical score for a chorale in B-flat major (two flats) and common time (C). The score is written on four staves, with the first two staves in treble clef and the last two in bass clef. The key signature is B-flat major. The time signature is common time (C). The score consists of 7 measures. The first measure has a common time signature 'C'. The notes are as follows:

Measure	Staff 1 (Treble)	Staff 2 (Treble)	Staff 3 (Bass)	Staff 4 (Bass)
1	B $\flat$ 4, D5	B $\flat$ 4, D5	B $\flat$ 3, D4	B $\flat$ 3, D4
2	E5, F5, G5, A5	E5, F5, G5, A5	B $\flat$ 3, D4, E4, F4	B $\flat$ 3, D4, E4, F4
3	G5, F5, E5, D5	G5, F5, E5, D5	B $\flat$ 3, D4, E4, F4	B $\flat$ 3, D4, E4, F4
4	C6, B5, A5, G5	C6, B5, A5, G5	B $\flat$ 3, D4, E4, F4	B $\flat$ 3, D4, E4, F4
5	F5, E5, D5, C6	F5, E5, D5, C6	B $\flat$ 3, D4, E4, F4	B $\flat$ 3, D4, E4, F4
6	B $\flat$ 4, D5, E5, F5	B $\flat$ 4, D5, E5, F5	B $\flat$ 3, D4, E4, F4	B $\flat$ 3, D4, E4, F4
7	A5, G5, F5, E5	A5, G5, F5, E5	B $\flat$ 3, D4, E4, F4	B $\flat$ 3, D4, E4, F4

### Task 3

Provide the harmonic analysis for the following chorale:

The image shows a musical score for a chorale in D major (two sharps) and 3/4 time. The score consists of five measures across four staves. The top staff is the vocal line, and the bottom three staves are the instrumental accompaniment (treble and bass clefs). The key signature is D major (F# and C#). The time signature is 3/4. The melody in the vocal line starts on D4, moves to E4, F#4, G4, and then has a half note rest in the fifth measure. The accompaniment provides a harmonic foundation with various chordal and moving lines.

Measure 1: Vocal: D4 (quarter), E4 (quarter), F#4 (quarter). Bass: D3 (half), F#3 (quarter). Treble: D4 (half), F#4 (quarter).

Measure 2: Vocal: G4 (quarter), F#4 (quarter), E4 (quarter). Bass: E3 (half), G3 (quarter). Treble: E4 (half), G4 (quarter).

Measure 3: Vocal: D4 (quarter), E4 (quarter), F#4 (quarter). Bass: F#3 (half), A3 (quarter). Treble: F#4 (half), A4 (quarter).

Measure 4: Vocal: G4 (quarter), F#4 (quarter), E4 (quarter). Bass: B2 (half), D3 (quarter). Treble: G4 (half), B4 (quarter).

Measure 5: Vocal: (half note rest). Bass: E3 (half), G3 (quarter). Treble: E4 (half), G4 (quarter).