

# Comprehensive Test: All Alignment Methods

Finding the perfect solution for label + lyrics alignment

## METHOD 1: StanzaNumber with X-offset (CURRENT - FAILED)

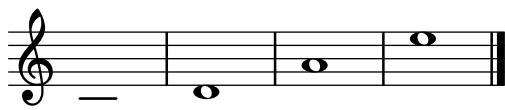
*Problem: Labels overlap with first note letter regardless of X-offset value*



Note names: G D A E  
LilyPond: g d' a' e''

## METHOD 2: Using instrumentName on Lyrics contexts (NEW)

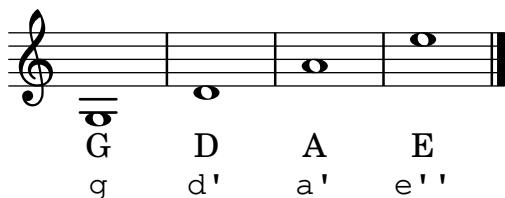
*Approach: Give each Lyrics context an instrumentName for left-side labels*



Note names: G D A E  
LilyPond: g d' a' e''

## METHOD 3: Markup table with overlay positioning (NEW)

*Approach: Score with lyrics, then overlay markup labels at exact positions*

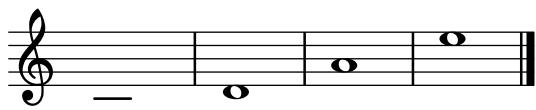


Note names:

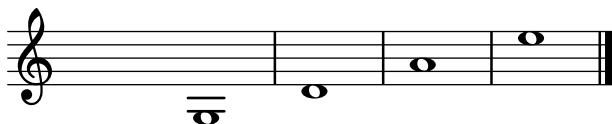
LilyPond:

## METHOD 4: Prepend label to first syllable

*Problem: Label is part of lyrics, pushes first note right*



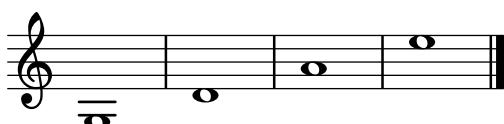
Note names: G D A  
LilyPond: g d' a'

**METHOD 5: Using with-dimensions for truly zero-width labels (NEW)***Approach: Make stanza label truly invisible to spacing system*

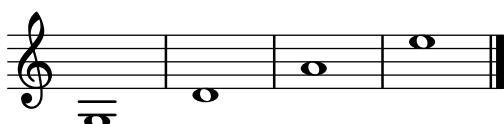
**Note names:** G      D      A      E  
**LilyPond:** g      d'      a'      e''

**METHOD 6: Markup attached to each note***Problem: Requires attaching markup to every note, no separate labels*

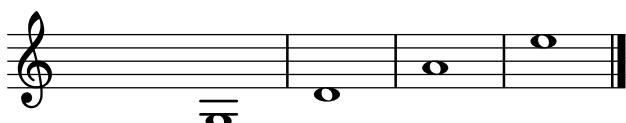
G      D      A      E  
g      d'      a'      e''

**METHOD 7: Embedded score with independent label columns (NEW)***Approach: Everything is markup - complete control over positioning*

**Note names:** G      D      A      E  
**LilyPond:** g      d'      a'      e''

**METHOD 8: Using RehearsalMark for left-aligned labels (NEW)***Approach: Use rehearsal marks with different Y-offsets for each label*

**Note names:** G      D      A      E  
g      d'      a'      e''

**METHOD 9: Using extra-offset for absolute positioning (NEW)***Approach: extra-offset uses absolute positioning, not relative*

**Note names:** G      D      A      E  
**LilyPond:** g      d'      a'      e''

- EVALUATION SUMMARY:** *After compiling, compare all methods to find which achieves:*
1. Perfect alignment of note heads and stems.
  2. Perfect alignment of note heads and stems, and labels.
  3. Labels 'Note' and 'Rest' correctly aligned with their respective notes and rests.
  4. NO whitespace between notes or rests.
  5. Professional appearance.