

# Grouping conflicts

Currently the grouping algorithm does not consider other notes and rests in the measure.

## Simple Triple: must expose 2 out of 3 beats

Algorithm

Incorrect Correct Correct

Desired

## Compound: must expose 2 out of 3 divisions within a beat (similar to Simple Triple)

4

Algorithm

Incorrect Correct Correct

Desired

## Syncopation: allow simple rhythms to cross unstressed beats

7

Algorithm

Correct Correct

Desired

## Syncopation continued: don't allow isolated notes to cross unstressed beats

9

Algorithm

Incorrect Alternative: beam over rests Incorrect Alternative: don't dot leading rest (compare rest on beat 3 with rest on beat 1 at start of measure)

Desired