

Music 254

Assignment 1. *Themefinder*.

Search for each of the following melodies three different ways. Establish a baseline statistic by searching everything. Then refine the search with filters (key, mode, meter), query types (pitch, interval, scale degree, contour—gross or refined), and query lengths (3-10 notes). Only change one variable at a time.

Try to develop a sense of what kinds of approaches are most efficient. These are likely to vary with the repertory. (Please also report any erroneous results by recording the incipit number recorder at the end of the url.)

For each example, please record

- (a) all the filters (key, mode, repertory) used,
- (b) the type of query used,
- (c) the content of the query,
- (d) the number of results returned, and
- (e) where the melody sought was placed in the results returned.

Melody 1.



Melody 2.



Melody 3.



