**Assignment #2 – Symbolic Data Formats: Kern Format**

Name:

You may submit these via the following options (in order of preference)

1. A single Jupyter notebook file running a Bash kernel.
2. Formatted text or images copied and pasted into a text document such as a .docx file. Note: ensure that your formatting remains correct if you are copying and pasting, otherwise paste images.
3. A tsv-format file or excel file (either separate files or a single file with multiple tabs).

You may use <http://verovio.humdrum.org/> - i.e., “VHV” as a “helper” resource for entering your transcriptions. You can simply delete the default loading in the editor and write your own humdrum. When using CWMN you will see whether you have done it correctly as it will display on the right.

In addition, here is a link to the humdrum user guide which is excellently documented.

Humdrum: <https://www.humdrum.org/guide/>

**PART 1: CWMN encoding**

You will encode the following simple melodies, MANUALLY, into humdrum.

2. (remainder of last bar should be completed with rests.)A close up of a musical instrument

Description automatically generated with low confidence

3. (Include both clefs, tempo, title, and composer in your file output. Ignore harmony)A picture containing clock

Description automatically generated

**Hint:** When you add a second spine, the data still have to line-up. This requires using placeholder tokens (“.”) Be sure to check out the documentation for further explanation.

**PART 2: Post ideas/questions for class projects to Canvas**

Please add to the Discussion page on Canvas by adding at least one topic or idea (ideally a question/hypothesis) that you find interesting using computational analysis with symbolic data. In addition, please try to find at least one other class member’s project idea that you find interesting and comment or add a follow-up question (recall that I will be requesting pairs or small groups for projects). It would be good also if you can all “like” as many responses as you can so that I can see which ideas are the most popular.