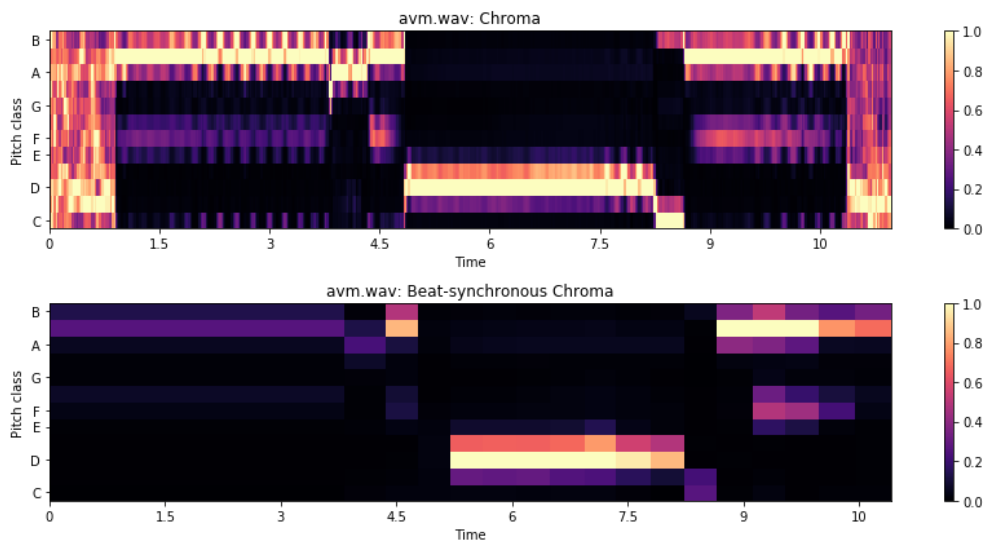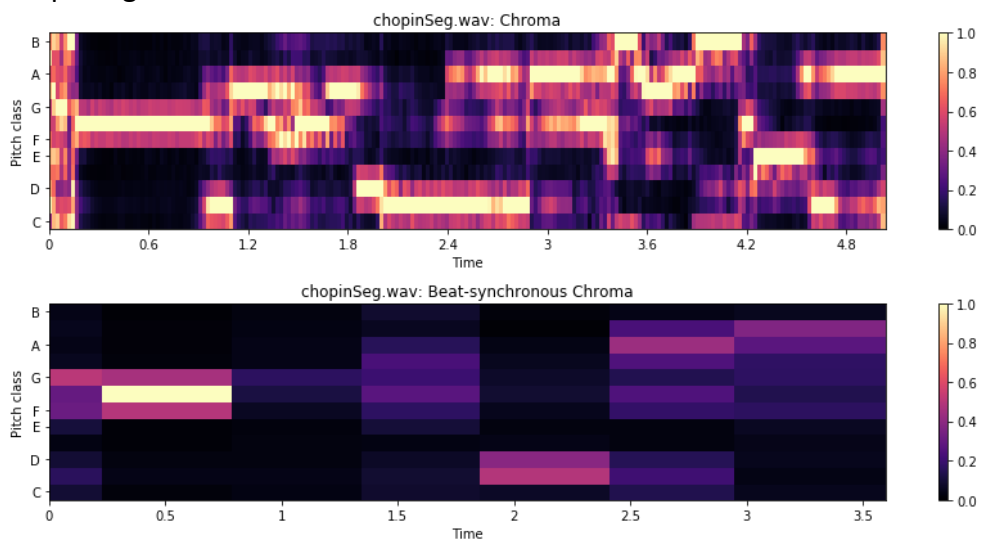## Lab 9: Beat Tracking

1. Building on the notebook "Beat Track" and the function beatTrackingFunction.py, create the following plots using a list of files (avm.wav, chopinSeg.wav, kingsLoop.wav, mozartSeg.wav). Ideally you should put the code to run beatTrackingFunction, calculate chroma, and plot each figure into a function so that you could generate the plot by just running one line of code (e.g., runBeatTrack('avm.wav') – where runBeatTrack is a function)
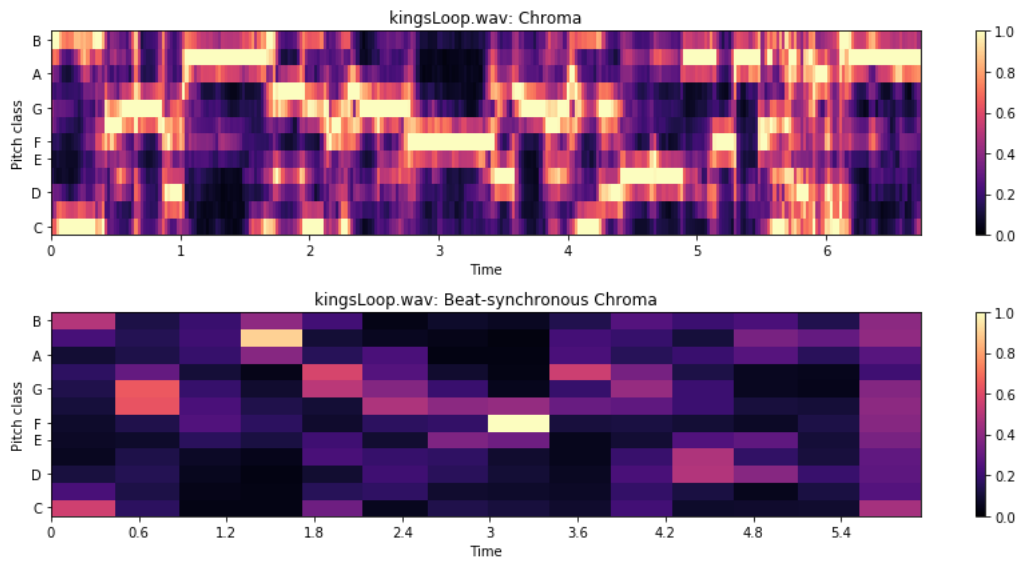
avm.wav

chopinSeg.wav

kingsLoop.wav

kingsLoop.wav: Chroma

kingsLoop.wav: Beat-synchronous Chroma

mozartSeg.wav

mozartSeg.wav: Chroma

mozartSeg.wav: Beat-synchronous Chroma