1145-VT-2583 **Azar Khosravani*** (`akhosravani@colum.edu`). *Benford distributions in Music.* Preliminary report.

We analyzed a selection of classical and modern music, ranging from Beethoven to the Rolling Stones and Metallica and found a surprising connection with mathematics. For each composer/band, we extracted the time intervals each note was played in each piece of music/song and found that the corresponding data sets are Benford distributed in all digits. We will present the selection of instrumental music that we used and our strategies for extracting the note durations as well as how we used Mathematica to analyze the data. (Received September 25, 2018)