## Usage:

1. Prerequisite: MATLAB R2021b& a Linux terminal (On Windows, git bash, Cygwin, etc.)
2. Update the input files in the subfolders corresponding to each testing scenarios, e.g., SC\_design\_A\_3-5.csv in subfolder SC\_A corresponds the experiment “safe cross audio” test.
3. Open a Linux terminal and run command “./run\_all.sh”.
4. Collect the files named as “<input file name>\_full\_<number>.json” from each subfolder.

## About the code:

The code is in MATLAB script, the directly runnable code named as <case name>\_(json|csv)\_script.m, the top 3 lines of the code might be changed for the changing requirements, a snippet of code is shown below:

1. path\_input = './TTC\_A/TTC\_design\_A\_3-5.csv';
2. path\_output = './TTC\_A/TTC\_design\_A\_3-5\_full';
3. n\_recordsPerOutput = 20;

In line 1, it specifies the path of the input file; in line 2, it specifies the path of the output of the file, it supports 2 formats of output, csv and json, thus the file extension is omit; in line 3, it defines the number of records included in each segmented output file, as shown above, each segmented output file will include 20 records, the last segmented file might include number of record in range .