

Readme

This PDF is a brief guideline for the submitted Matlab code. The function is named 'eventdetection' and requires 6 input parameters and are explained below:

```
eventdetection(dirFuncs,dirInput,nameInput,dirOutput,nameOutput,C0index)
```

- **dirFuncs:** Requires the path to the folder functions.
*E.g. 'D:\Projects\AASP\Functions'*¹
- **dirInput:** Requires the path to the folder where the test .wav files are located.
*E.g. 'D:\Projects\AASP\Datasets'*¹
- **nameInput:** Is the name of the .wav file that needs to be loaded.
E.g. 'Test01.wav'
- **dirOutput:** Is the location where the output text file needs to be saved.
*E.g. 'D:\Projects\AASP\Output'*¹
- **nameOutput:** Is the name that will be used for saving the text file.
E.g. 'ResultsTest01.txt'
- **C0index:** Is a parameter to determine which C0 thresholding will be used
Use 1 for Office Life
Use 2 for Office Synthetic with a SNR -6
Use 3 for Office Synthetic with a SNR 0
Use 4 for Office Synthetic with a SNR 6

¹ Note: Do not use a file separator at the end. This will be done by the function itself if required.