## Readme

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

eventdetection(dirFuncs,dirInput,nameInput,dirOutput,nameOutput,COindex)

* dirFuncs: Requires the path to the folder functions.

*E.g. ‘D:\Projects\AASP\Functions’ [[1]](#footnote-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. [↑](#footnote-ref-1)