README

README is descripted as shown in following Table. There are 4 parts, Folder Listing, Sound File Name, Description, and Software (Tool). The root file name is “our\_project\_files\_readme” and all source files in this study are listing here. There are 9 folders and 1 README file within the root file. The 9 folders are shown in listing of the 1st column, respectively. Each folder contains its corresponding sound files as shown in 2nd column, respectively. The description of source file with different attribution is listing at the 3rd column, respectively. The software (tool) is Matlab used in this study.

Table README

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| 9 Foder Listing | Sound File Name | Description | Software (Tool) |
| (1)awgn\_normal | awgn\_normal1.wav  …awgn\_normal20.wav | 20dB\_AWGN normal lung sound (normal lung sound) | Matlab |
| (2)awgn\_crackle | awgn\_crackle1.wav  …awgn\_crackle10.wav | 20dB\_AWGN abnormal lung sound (crackles) | Matlab |
| (3)awgn\_Rhinchi | awgn\_wheeze\_1.wav  …awgn\_wheeze\_20.wav | 20dB\_AWGN abnormal lung sound (wheezes) | Matlab |
| (4)awgn\_wheeze | awgn\_Rhinchi\_1.wav  …awgn\_Rhinchi\_10.wav | 20dB\_AWGN abnormal lung sound (rhonchi) | Matlab |
| (5)normal | normal1.wav  …normal20.wav | normal lung sound | Matlab |
| (6)crackle | crackle1.wav  …crackle20.wav | abnormal lung sound (crackles) | Matlab |
| (7)rhinchi | Rhinchi\_1.wav  …Rhinchi\_20.wav | abnormal lung sound (rhonchi) | Matlab |
| (8)wheeze | wheeze1.wav  …wheeze20.wav | abnormal lung sound (wheezes) | Matlab |
| (9)asthmatics | Record1.wav  …Record5.wav | abnormal lung sound (asthmatics) | Matlab |

Note1: All source archives of the normal lung sound, crackles, wheezes, rhonchi are for experimental measurements are shown in our project website [30].