

README

README is described 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

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_Rhinch	awgn_wheeze_1.wav ...awgn_wheeze_20.wav	20dB_AWGN abnormal lung sound (wheezes)	Matlab
(4)awgn_wheeze	awgn_Rhinch_1.wav ...awgn_Rhinch_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)rhinch	Rhinch_1.wav ...Rhinch_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].