README

The detailed description of content is in README.pdf. README file is shown as follows. The directory "our_project_files_readme" contains 9 folders and 1 README file. The folder names are shown in first column of Table in README file. The description of each folder is shown in the second column of Table. Each folder contains corresponding sound files and the file names are shown in third column of Table. The software (tool) used in this study is Matlab.

Folder name	Description	Sound File Name	Software (Tool)
(1)awgn_normal	20dB_AWGN normal lung sound (normal lung sound)	awgn_normal1.wav …awgn_normal20.wav	Matlab
(2)awgn_crackle	20dB_AWGN abnormal lung sound (crackles)	awgn_crackle1.wav …awgn_crackle10.wav	Matlab
(3)awgn_Rhinchi	20dB_AWGN abnormal lung sound (wheezes)	awgn_wheeze_1.wav …awgn_wheeze_20.wav	Matlab
(4)awgn_wheeze	20dB_AWGN abnormal lung sound (rhonchi)	awgn_Rhinchi_1.wav …awgn_Rhinchi_10.wav	Matlab
(5)normal	normal lung sound	normal1.wav …normal20.wav	Matlab
(6)crackle	abnormal lung sound (crackles)	crackle1.wav …crackle20.wav	Matlab
(7)rhinchi	abnormal lung sound (rhonchi)	Rhinchi_1.wav …Rhinchi_20.wav	Matlab
(8)wheeze	abnormal lung sound (wheezes)	wheeze1.wav …wheeze20.wav	Matlab
(9)asthmatics	abnormal lung sound (asthmatics)	Record1.wav …Record5.wav	Matlab

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