###### Stimulating the inner voice: A study of sound parameters ######

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###### General Introduction ######

This dataset contains data collected during the sound parameters experiment of inner voice at Delft University of Technology. It is being made public to act as supplementary data for the paper published in 23rd Annual CyberPsychology, CyberTherapy & Social Networking Conference and in order for other researchers to use this data in their own work.

###### Purpose of the experiment ######

The purpose of these experiments was to investigate the sound characteristic of the inner voice.

###### Description of the dataset and the data in this dataset######

Beside this readme file, this dataset included another three files: 1) The data file (the data collected in the study), 2) The R script for analysis the data, and 3) The output of the analysis. The following is the introduction of each file.

1. The data file (the data collected in the study)

It is an empirical study to investigate the sound characteristic of the inner voice, approved by University Human Research Ethics Committee (ID: 20), conducted in TU Delft.

The data-specific information is as follow,

## file name: SoundParametersStudy.csv

## column names:

# Participant: participant ID number

# Sentence: sentence number

# VoiceType: voice type of setting (InnerVoice or ExternalVoice )

# PARM1: parameter 1 Pitch

# PARM2: parameter 2 Speed

# PARM3: parameter 3 Echo

# PARM4: parameter 4 Volume of sound with frequency band 20-320 Hz

# PARM5: parameter 5 Volume of sound with frequency band 320-1280 Hz

# PARM6: parameter 6 Volume of sound with frequency band 1280-5120 Hz

# PARM7: parameter 7 Volume of sound with frequency band 5120-20480 Hz

1. The R script for analysis the data

The R script includes the R code of the analysis conducted for the paper for CYPSY2018: Simulating the inner voice: A study of sound parameters.

1. The output of the analysis

After running the script in R, all the analysis results have been stored in this file. Through this file, the reader should be able to find all the results of the analysis we done and the data we published in the paper.