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P.835 subjective test results with and without parallel task

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Abstract

Description file for PLOS PONE-D-17-43572 - EMID:f954815f1ce44492

All speech samples are in samples.zip directory, all are 48kSa/s, 16 bit mono, to be played at -26dBoV corresponds to diotic 73dB SPL. Available at
https://www.dropbox.com/s/xme4tu1u9rhwvmx/samples.zip?dl=0

Comparison_LOAD_complete.xls file SHEET COMPARISONS contains the subjective data of both tests - test with no load : Test A, test with parallel task: Test B.

Each line corresponds to one condition. Conditions are defined by CODER, PLS (Packer Loss Suppression), Distractor (Type of Background Noise), SNR (Signal-to-Noise ratio in dB, Acctive speech level measured via ITU-T P.56) as indicated in columns W,X,Y and Z.

For each of 22 conditions and each test A and B, S-MOS, N-MOS and G-MOS data are reported including their CI95 (confidence interval at 95% probability level).

Comparison_LOAD_complete.xls file SHEET DATA_SUMMARY_LOAD and SHEET DATA_SUMMARY_NO_LOAD contain the detailed data results for all samples. Columns C,D,E,F,G and H describe per-sample analysis results, while I,J,K,L,M,N refer to per-condition analysis. Each condition is represented by four sentences, while each reference condition (lines 41...52) are represented by one sentence only.

Guidelines

as per ITU-T P.835

Before start

All subjects must be instructed as per P.835 and short trial session (cca 5 samples) must be assessed withour recording the results.

Protocol

Warnings

None.