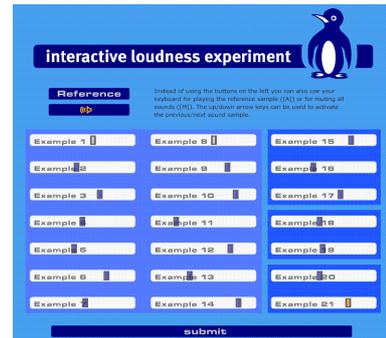
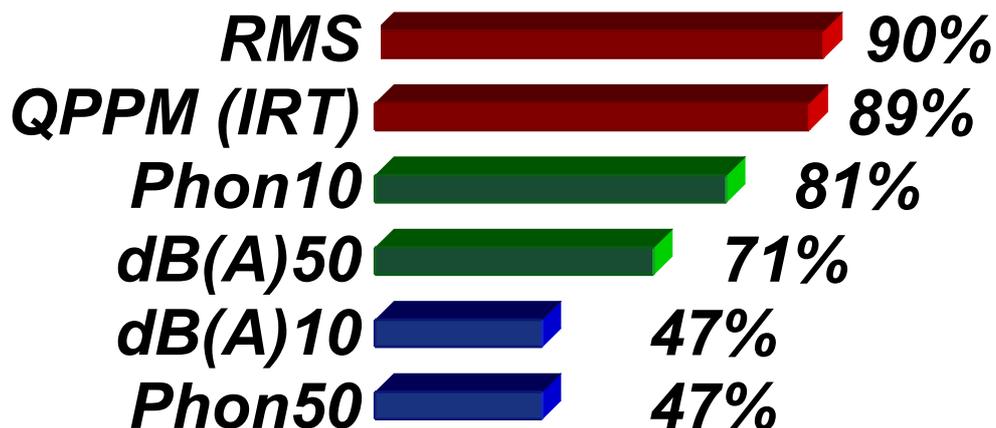


The goal of this **Subjective Loudness Test** was to explore the matching of different loudness measurement methods to the subjective perception of the human ear. A web-based user interface was created for this investigation, allowing adjustment by ear of equal loudness levels for 21 different sources. All data input (more than 200 participants over two years) was processed and compared to six standard measurement options.



Subjective Loudness Test

Input to PINGUIN from the evaluation of speech and music by over 200 test participants yields the following degree of match to the listeners' perception:



(Thanks to Germany's IRT, Gerhard Spikowski and Siegfried Klar for helping with the spearman rank correlation method !)

For more product information: www.masterpinguin.de or mail rk@masterpinguin.de