

Evaluation

Instructions

Hi! Welcome to the Pitch Shifting Audio Quality Assessment Study.

Firstly, thank you for coming!

You are now participating in a listening test, during which you will be assessing quality of presented audio. The test consists of a training session to familiarize you with the test format, and then 6 test sessions follow. At the end I will ask you a couple of questions during a short interview.

During each listening session, you will be presented with a reference audio and 5 test samples processed by different pitch shifting software. The presented audio stimuli will either be shifted by a couple of semi-tones or by a "round-trip". "Round trip" is shifting the signal up and then down an octave, which means that the pitch will be the same as the reference.

Your task is to rate each test sample on a scale from

0 to 100, reflecting how well the sample meets your personal expectations for a pitch-shifted version of the reference. Also consider the overall audio quality. You do not have to use the full scale, as there are no ideal examples of the best or worst quality.

You can take as much time as you need to carefully evaluate each sample before submitting your ratings.

You can adjust volume to match your liking using the volume buttons on the keyboard.

The survey will take approximately 12 minutes to complete.

Feel free to ask me any questions.

Interview

- Do you have a background in professional audio and/or audio education (e.g. sound/recording engineer, researcher, SMC student)?
- Did you find the test hard?
- Do you have any additional comments?