

Welcome to the CVQM test

Instructions

Thank you for coming in to participate in our study. The purpose of this study is to gather individual perceptions of the quality degradation of several short video sequences. This will help us to evaluate the performance of the video coding schemes under test.

In this experiment you will be presented with a series of pairs of short clips. The first clip shows the video sequence without any modifications. It is preceded by a grey screen with the word "Original". The second clip shows a modified video sequence which we want to evaluate. It is preceded by a grey screen showing "PVS" for "processed video sequence". Each time the pair of clips is played, you will be asked to judge the degradation of the second clip in comparison to the first clip. A grey screen indicating the vote number of the shown pair of clips will appear on the screen, and you should enter the rating that best describes your opinion of the clip on the provided voting sheet. Observe carefully the entire clip before making your judgement. If, for example, the subject of the clip is pretty or boring or annoying, please do not take this into consideration when evaluating the overall quality of the clip. Simply ask yourself what you would think about the quality of the clip if you saw this clip on a television or computer screen in comparison to what you have seen before as the video sequence without any modifications.

We will use the following grading scale:

10	Imperceptible
9	Slightly perceptible
8	
7	
6	Perceptible
5	Clearly perceptible
4	
3	
2	Annoying
1	Severely annoying
0	

If you feel that the second clip does not show any differences to the first clip, do not hesitate to score a "10". If you feel the quality of the second clip is severely annoying, do not hesitate to score it down to "0".

Do not worry about somehow giving the wrong answer; there is no right or wrong answer. Everyone's opinion will be slightly different. We simply want to record your opinion.

We will start with a training session with a few practice clips first for you to accommodate to the evaluation process. The training session has the same structure as the actual experiment. The clips all have a length of 10 seconds. The voting time is 5 seconds. Notice the timing with the pair of clips being played, followed by the indication of the vote number during the voting time. When the training is completed, we will start the actual experiment. The experiment will include 3 test sessions of about 15 minutes each.

After a test session is finished, the computer will tell you that the section is finished. You should stand up and come out of the test room and take a break. By the way, the door will never be latched or locked.

During the break between sessions, there will be some light refreshments for you. When you are ready, we will begin the second session. Do you have any questions before we begin?