

Face Image Quality Survey

- Instruction manual

Description

In this survey you are going to evaluate the quality of images of faces based on several factors. The survey consists of ranking face images from a scale of Poor (1) to Excellent (5).

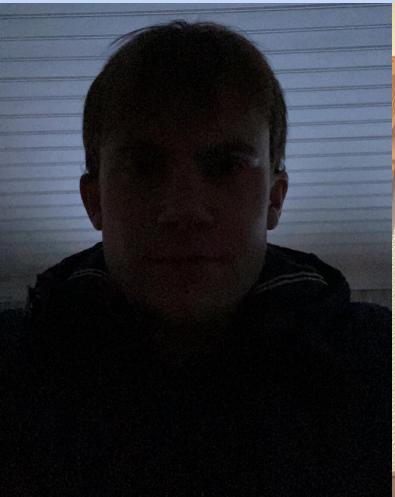
The following slides are prepared to better introduce different issues that affect the quality of a face image.

The criteria used to assess face images are based on ISO/IEC 29794-5. Familiarity with the ISO-standard is not needed.

What issues can affect the quality of a face image?

- Image properties like the resolution.
- Image appearance characteristics like the exposure or noise.
- Scenery characteristics like lightning and background.
- Complete or partial face covering.
- The behavior of the subject.
 - Closed or open mouth.
 - Any kind of expression, e.g. smiling or neutral.
 - Head pose, e.g. frontal or rotated in any direction.

The next slides are examples of rated images of faces. These lineups are guidelines for how you can assess the images in the survey.



1/5 - Poor



2/5 - Bad



3/5 - Fair



4/5 - Good



5/5 - Excellent



1/5 - Poor



2/5 - Bad



3/5 - Fair



4/5 - Good



5/5 - Excellent



1/5 - Poor



2/5 - Bad



3/5 - Fair



4/5 - Good



5/5 - Excellent



1/5 - Poor



2/5 - Bad



3/5 - Fair



4/5 - Good



5/5 - Excellent



1/5 - Poor



2/5 - Bad



3/5 - Fair



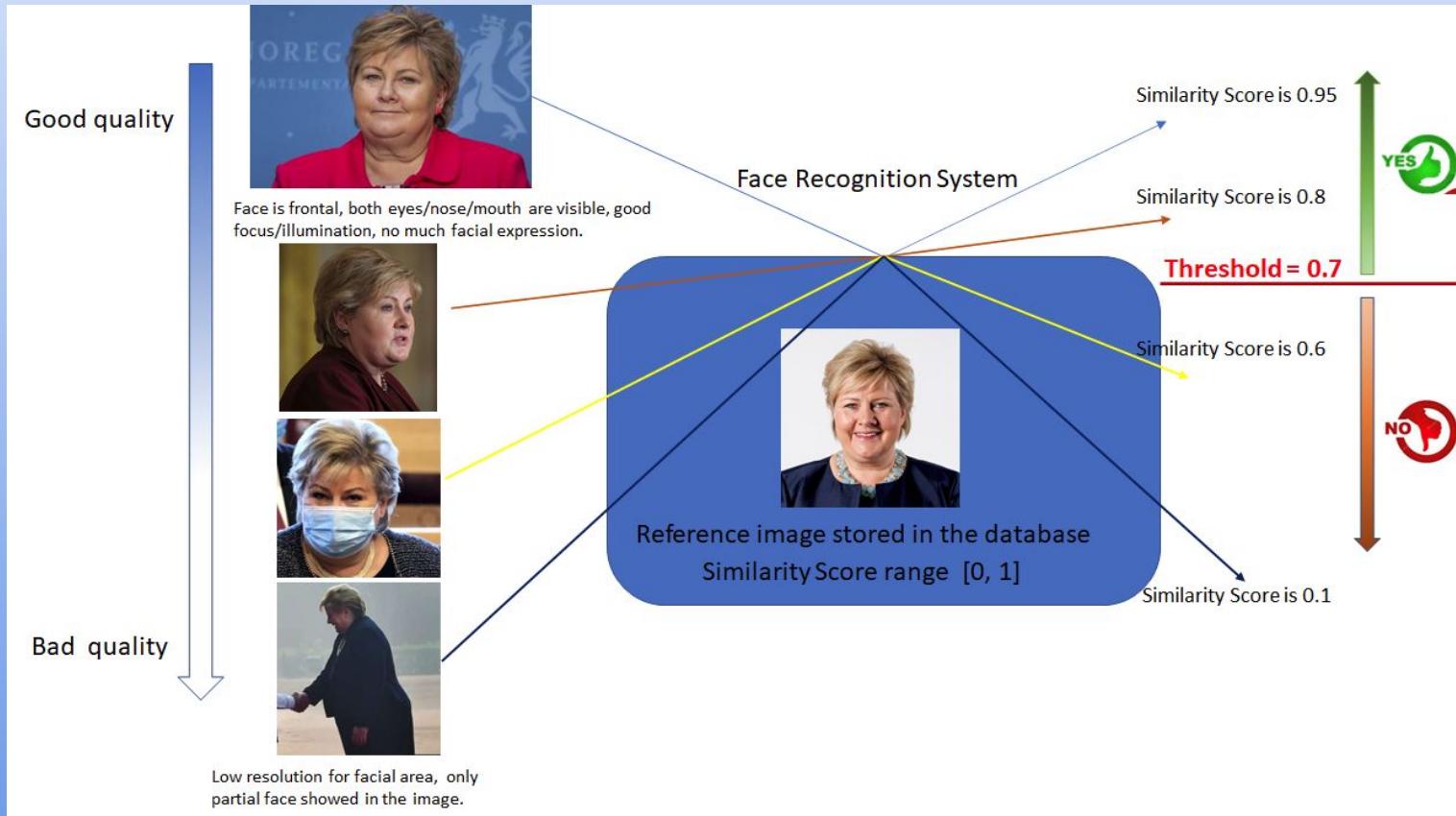
4/5 - Good



5/5 - Excellent

How will the rated images be used?

- Low-quality face images will be rejected by the face recognition system, see an example below.



You are now ready to perform the survey.

Thank you for participating!

Bachelor group