**Instructions DeepMReyeCalib: Eyetracking Training**

Before experiment:

-pull the latest version from github

-put screen at 120cm distance

-change refresh rate of screen to 120hz (display settings, advanced)

-change settings in experiment: start\_exp = 1, tracker = 1, mkVideo = 0, training = 1

-participants have to sign the consent papers

**Configure EyeLink:**

Participants should be sitting up right, their forehead completely resting on the placeholder, but not stretching the face. The face should be not too high, the nose on the white line.

For Closed: participants should close their eyes before placing the forehead (so that skin is stretched).

**General instructions for participants:**

They will do two experiments, three runs each. Most of the instructions are shown on screen.

Before every run, there is a calibration for the eyetracker.

*First calibration*: Experimenter can adjust EyeLink camera settings.

Instructions shown on screen - press space – press return (twice) – adjust camera by pressing A (pupil should be fully detected, corneal reflection as small as possible).

*Calibration:*

Press C – IMPORTANT look at dot while pressing enter to start the calibration

Press V – IMPORTANT look at dot while pressing enter to start validation

This part can be repeated as often as participant or experimenter wish

To exit and start the experiment, press escape (on the right keyboard)

**Instructions for experiment:**

! Press Space to start experiment after instructions are shown

Calib (experiment 1) is very easy, participants just fixate on the bullseye and once the pictures are shown can explore them freely. The experiment terminates on its own.

“Experiment 1 consists of 3 parts. There is a fixation task, a pursuit task and a freeviewing task. The only thing that is important for this experiment is, that you always fixate of the bullseye until it disappears. Then you can explore the shown pictures the way you like”