

## Waldo Experiment Instructor Cheat Sheet

- 1) Open waldo\_experiment\_raw.mat
- 2) Update the subject ID in the Matlab code and save
- 3) Run the experiment- It will take Matlab about two minutes to load the images. The experiment is ready to begin when the welcome text appears on the project.
- 4) Make sure the mouse is on the projector screen and not on the computer screen
- 5) While the experiment loads explain the task
  - a) Participants are to be searching for faces in a crowd (hence- 'waldo task') Each trial begins with first viewing the target face then the actual crowd search. Using the mouse, participants are to find the target as quickly and accurately as possible
  - b) The target face before each trial is simply the IDENTITY of the target, the target could appear in any angle and location on the screen
  - c) If they've successfully found the target, a sound will play. If they failed to find the target, a sound will not play. In either case the location of the target will be identified with a black square.
  - d) The first 10 trials will show the target face for longer so that they can learn the identity of the face
  - e) There will be timed 45 second breaks after every 45 trials but participants are free to take a longer break if needed.
  - f) The entire experiment will last anywhere between 30-45 minutes depending on how quickly they complete the task, including breaks
- 6) Make sure the participant is comfortable in the chair with their head stabilized with the chin rest and then instruct them to begin
- 7) Stick around for the first couple of trials to ensure that everything is going smoothly
- 8) After the experiment, be sure to have the participant fill out the post-experiment survey

<https://docs.google.com/document/d/1MHEXRQXBC4VJLbYEe0HVV-yICOLKPIK3wXfQHh-IWRg/edit?usp=sharing> - link to this google form