

Hi Arman, Cameron,

Brief instructions to help you running subjects on Sunday, 8/30.

Subject #1 is Ashley Clark. She should arrive at 8:15p and you should be running at 8:30p.

Subject #2 is Jennifer Cooper. She should arrive 10:00pm and you should start running her ~10:15 to 10:30, depending on how long the first subject takes.

Both subjects already know the task and have experience in the scanner. Double check that nothing has changed, that they haven't had metal implanted, no earrings, etc. **Make sure you give them earplugs.** You can let them know that Ashley is doing the "Contrast" task and Jennifer is doing the "Motion" task, but the code reminds them on each block so that's not super important. Go through the protocol carefully and make sure you didn't miss any setup steps. Double check that the **projector box is closed** when you leave the room.

When you prep scan make sure you wait for BOTH preps (beep beep beep, pause, beep beep) and then start the matlab code.

Each run should be the default 7:00, or 840 phases.

### **How to check that my matlab code ran correctly:**

Four things to check very quickly:

#1 in InitScreen it should say "couldn't find screen blah..." but then the next line should say "loading gamma table from ##\_oban\_##. If it says "failed to find gamma table" call me (or Steeve). Note that it fails to find the file the first time because I mis-named it somewhere, but it does load the gamma table.

#2 each run has an increasing number, Ashley should be on runs #31-40. Jennifer should be on runs #11-20.

#3 Before the code gets to "Waiting for backtick (~)" it **may** ask you to reset the staircases, always type O, capital O, for "[O]riginal", which resets the staircase to its full initial height (I'm trying to get as much range of contrast and motion as possible).

#4 once the run starts you should see "Starting trial..." when it gets the backtick after 8 seconds, this is timed with the change in pitch of the scanner acquisition. You should also see responses (Response correct: right, Response incorrect: right, etc...).

**Before** taking the subject out at the end of each scanning session check that you have a session anatomy, the “CAL” run (should be 8 seconds) and 10 BOLD scans. If you’re missing anything you can do them at the end.

If the subjects have any questions have them email me, they don’t get paid Sunday I will pay them next week.