Running CFS\_objects

Pilot, normalizing the stimuli

**Welcome the subject**

1. Have them look over and sign a consent form
   1. Should be called *Memory and Perception, CFS 45*
2. Fill out the spreadsheet with relevant info (first name, date, computer they will be run on, etc)
3. Ask them to leave their bags in 202
   1. In particular, make sure that they don’t carry their phone in to the room!
   2. Phones would be super distracting during the study, and if they’re glancing away from the computer screen often they’ll probably ruin the CFS effect.

**Get the program running**

1. Open Matlab 2015a
2. Within matlab, navigate through the folders *MyDocuments/matlab/psadilTesting/cfs\_objects/experimentalCode\_pilot*
3. Still within matlab, open the .m file called runPDP\_objects\_cfs.
4. Click run (the green arrow) at the top of the editor window
   1. Note! On occasion, matlab will throw an error when it attempts to run this program for the first time (it would happen after the subject has already entered their demographic information). If that happens, the first thing you should try is running the program again. If it’s the error I’m thinking of, simply attempting to start the program a second time has yet to fail.

**Instructions for the Subject**

1. First, ask whether or not they or their immediate family has ever experienced an epileptic seizure.
   1. If yes, **don’t run them** (they’ll still get credit)
2. Make sure that the chair is aligned with the blue tape
   1. There’s a tape measure that should be left in 202. If participants need to adjust themselves, that’s fine. Just make sure that the computer monitor is 24 inches away from where they’re sitting and that the center of the screen is in the center of their visual field
   2. For some participants, this may require moving the keyboard closer or farther away, or the monitor up/down.
   3. **It is important** that there face really is 24 inches away from the monitor while they take the study. Make sure that this is the case when their back is against the back of the chair.
3. Walk them through what they’ll be doing during the study
   1. You’ll see a bunch of brightly colored squares
   2. On occasion, an object (e.g. cat, house, car) might appear out of the squares
   3. After the squares appear, you’ll be asked whether or not an object also appeared
   4. Use the numPad keys to make your response
      1. 0 - no image detected  
         1 - possibly saw something but definitely couldn't say what it was  
         2 - definitely saw something, but unsure what it was (could possibly guess)  
         3 - saw something very clearly, could name it or describe it in detail
   5. After each response (even if you said 0 or 1), you’ll be asked to name an object that may have emerged from the squares
      1. Do try to guess an object, but if you just can’t come up with anything you are welcome to write ‘nothing’
      2. But, prompt them to **be speedy**. As in, they shouldn’t spend more than a couple of seconds trying to come up with a name.
   6. That’s it! There’ll be a short practice and then the computer will tell you to come get the experimenter.
      1. RA: press the ‘p’ key to pass the experiment into the full condition
4. Before the put on the shutter glasses, check their ocular dominance
   1. Porta test: Have them look at a point on the wall (I point to a spot with my finger)
   2. Have them align their thumb to that point (both eyes open)
   3. Then, have them look at that point/thumb with only one eye at a time. The eye that is most closely aligned with the point is there dominant eye.
5. Input 1 in the bottom of the subject info dialogue box if they are right-eye-dominant, otherwise put 0.
6. Enter in their subject number
   1. The other fields can be left blank
7. Hand them a debriefing form when they’re done.

**Misc**

1. Currently, blank consent forms and debrief forms can be found in the left drawer of the desk in 202
   1. Let Patrick know if we’re running low on any of these forms
2. Place signed forms in the right drawer
3. Hang spreadsheet and these instructions in a clipboard up on wall in 202
4. SONA
   1. Username: psadil
   2. Password: perirhinalcortex