Visual memory experiment instructions

1. The experiment is located at :“ Box sync/Rob’s experiment/ cmvm\_special/” with names:

1.“side\_ANpure.m”; 2.“side\_CMat.m”; 3.“side\_CMpure.m”; 4.“side\_MIX2.m”; 5.“side\_MIXancm.m”

2. Use the participant log, balancing out subject number in each conditions, determine which file to open and what number to use.

3. When participants are at the centeral room, the instruction to participant is:

**“Today, you will see a bunch of pictures presented on the screen. These pictures would show up one by one, and you need to remember all of them until a question picture showed up. Then, you suppose to press certain keys to indicate whether you have seen this question picture in previous flashing memory pictures or not.”**

**“You will know which key to press based on the location where the picture showed up. For each set of memory and question pictures, they would all show up on one side of the computer. For example. if they show up on the left side, the left side key means you have seen the test picture, and right side key means no. vise versa if everything show up on the right side in the next trial, which means the right side key now means 'yes' and left side key means no”.**

**----------------then they sign consent form if they have no questions**

**"Now, I will distribute you to individual rooms, while you are in the room, wait for a second until I set up the computer for everyone." (You can also do this before they come, but I figured that some computer would go dark screen, which is not the monitor to sleep but something about MATLAB, if no actions taken immediatly after starting the experiment, and this is the two rooms on the right end in the hall.")**

**"You can bring your phone with you, but set it to silent if you do so."**

**"When you finished, please come out and see me, and I will ask you a question " ---> question of whether they are color blind, and if they are, add that to corresponding place in participant log**

4. When distribute participant to individual rooms:

Set the right file and participant number to run, and then tell them:

"F and J are the two keys you will need to use, but IGNORE THE LABLES, they can both be old or new"

5. When they finished the experiment, ask if they are color blinded, and if they are, add that to corresponding place in participant log.

6. When you (as researcher) sign the consent form, add the time when these participant started. (ex: 9/30/19 1:00pm) Keep these consent forms in the experiment folder and I'll collect them later.