

STUDY SCP_R NOTES:

Resources:

https://people.duke.edu/~cb383/SCP_R/v1/MenuFinal_v1.html

https://people.duke.edu/~cb383/SCP_R/v2/MenuFinal_v2.html

https://people.duke.edu/~cb383/SCP_R/v3/MenuFinal_v3.html

https://people.duke.edu/~cb383/SCP_R/v4/MenuFinal_v4.html

*Always make sure that the link says https:// and not just http://. The task will not run if it's http://.

https://docs.google.com/spreadsheets/d/1ypfHw8ubYf8eMEdroIOc08BN39PWtna12oO_JBSPgMQ/edit#gid=712607342

*This is the spreadsheet that has the literature review organization under the tab “TransferLearning” and under “SCP_R,” you will find the model sheet that has the randomized versions to run, participants, etc.

IRB Information:

Protocol: 2017-0783 (IRB approval code 2017-0783-D0810)

D0810 Investigating the Learning of Associations between Stimuli and Attentional Control States

Researcher(s):

Bejjani, Christina - Graduate student researcher

Egner, Tobias – Advisor

Zhang, Ziwei – Undergraduate student researcher

Expiration Date: 09/14/2018

Adding Timeslots:

- Make sure that the testing room is available to run a subject.
- If it is, create a calendar event marking when you're “booking” the testing room.
- Then create timeslots corresponding to your calendar times; make sure to emphasize that the study is taking place in LSRC B241 (with a note about where that is). Note that Egner lab has 100 points this semester to run SONA subjects, and our study takes 1.5 points, because if someone doesn't take a single break, the study is about 70 minutes & timeslots are set to 90 minutes (1 credit/hour).
- See below for instructions on running subjects.

Running Participants:

- SONA will send reminder emails to participants 24h in their time slot. Make sure you have consent forms ready before the subject arrives.

- When a participant arrives, have them sit in the lab area outside the testing room and fill out the consent form. This will give them a general overview of what the study is about, and they should ask you if they have any questions.
- Have the participant sit in the testing room, at the computer, when they've finished filling out the consent form (make sure that you've signed it yourself, and written their participant # in the top right corner of the paper).
- Use the spreadsheet to determine which task version to pull up in Google Chrome. Make sure the link is https://, not http://. Emphasize to the subject that they cannot close or refresh the "MainMenu" page. This is what stores a lot of the data, and it has the buttons to advance the task (you will see once you do the task).
 - Instructions for each task will appear once the actual task appears.
 - The second phase, with the Stroop test (e.g, RED, RED), has a practice phase. Students are required to get 80% accuracy on the practice before they can advance in the study, so please emphasize to them that they should try hard. Otherwise they will have to repeat the practice task. (This is so that they are familiar with how to respond in this task).
- At the end of the experiment, there is a demographics and post-test questionnaire. It will tell subjects to put SCP2001 into the blank below the questionnaire. Once they input the code, this will submit their data to the Egner lab server. They are finished with the experiment after that. If they are interested in what it was about, the Main Menu page will have a brief "debriefing" statement. You can also just verbally debrief them about the study's purpose. If they are not interested in what the study was about, they are free to go.
- Make sure to grant them their credit on SONA.
- Make sure to write any comments, the participant initials, etc. on the spreadsheet with the task version/participant numbers. Also, file the consent form in the SCP_R folder. Please keep these in order by participant #.
- We're aiming for ~40 participants. Once I have the data from all ~40 subjects, I will analyze the data and determine whether we need to run more subjects (e.g., if someone had terrible accuracy) or change the study design – it's considered bad science to look at the results as they come in, because there is a chance that researchers will just run as many subjects as they need to get "good results."

While Participants Are Being Run:

- This semester, my goal is to teach you how to do a literature review. This will help a lot if you read many science papers in the future (e.g., honors thesis), want to go to graduate school (e.g., reading about topics that you're interested in), etc.
 - Thus, while running participants, you should try to read about 2-3 papers a week while in lab. Since we cite 39 (I think) papers in the study, this should take most of the semester. If you want to read at a faster pace, that is okay, too.
 - Since I have already read these papers, I will be able to go over your literature review with you, and we can discuss the papers if you have specific questions

about the findings, manipulations, etc.

- If you finish these papers, we can then discuss other alternatives (e.g., reading Egner lab papers). I have a guide for how to expand beyond this type of literature review into topics that interest you.
- Note on papers that are *not* a part of this literature review:
 - When reading science papers generally, I typically follow a scheme like this:
 - Read the title – is the subject something I’m interested in?
 - If so, read the abstract – are the findings interesting to me, is this something that I can expand on for a future project, etc.?
 - If so, read the paper more in depth – is this paper *crucial* to a project that I am currently doing? Will I cite this paper in the future?
 - If so, write extended literature review notes. If not, write a brief summary of what the paper found and file it under particular topic tabs (e.g., “control learning”).

If a Timeslot Is Empty:

- You’re more than welcome to come into lab if you’d like. You can do homework or continue with your literature review. Don’t feel obligated to come into lab, though. This semester, we’re running a study; next semester, we can work on some other skills (data analysis, statistics, etc.). If this changes – if there’s more for you to do besides the literature review and running subjects – I will let you know.

Calendars:

- “School/Work”: This is when I (Christina) have things happening. I wrote down my meetings with Tobias, my class times, and other talks/seminars that I typically attend. I also have when you are in lab blocked off.
 - Events that you can attend: The Friday noon-1 p.m. or late afternoon (3-4p.m.) colloquium. These are labeled CCN colloquium and P&N colloquium. If you want to hear professors discuss research that is ongoing in their lab, attend these colloquium (if you can!). You are also welcome to attend our lab meetings on Wednesday from 12-1p.m., but you said that you have class. These are all just
 - I will also be out of town on Nov. 8 – 11 for a conference.
- “Testing Room”: This is where you mark when you are booking the testing room so that you can run participants.