Login to DEPENd Lab account Username = .\depend

            Password = Moore351

**1. CONSENT FORM**

Briefly go through informed consent and have participant sign it

Consent forms and payment receipts can be found in the filing cabinet in room 507

“The informed consent tells you more about your rights as a research participant and what to expect in this study. For this study, you will be asked to complete an online questionnaire. Once you have completed the questionnaire, you will then complete two computer tasks. The first task involves choosing between two buttons to earn coins and determine which is the more rewarding button. The amount of coins you earn will be totaled and you will receive that amount in cash at the end of the study. For the second task, you will be shown stimuli consisting of three digits or “x” characters. You will be asked to indicate the target number that is different from the others. You will do this by pressing either the 1, 2, or 3 digit key on the keyboard. For both tasks, try to respond as quickly as possible.

**2. QUALTRICS QUESTIONNAIRE (5-10 mins)**

Open Qualtrics > SPOTT Questionnaire

* Click *Distributions*
* Click *Anonymous link*
* Click the link to open it
* Type in participant ID (found on gcal) and have them fill out questionnaire
* Tell the participant to press the CALL button on the black box in room 508 once they have completed the questionnaire \*point to call button\*

(This will buzz the call box in room 507 to let you know they are finished and ready to move on to the next task)

**3. TASKS:**

Open MATLAB 2018

A screenshot of a cell phone

Description automatically generated(You should be able to click the drop down arrow on the right side of matlab window to open recent paths – where you can find the path to SPOTT and multisource); however, if not, both are located on the Desktop and can be opened by clicking the ‘Browse for folder’ button

Instructions for SPOTT & multisource on next page…

**🡪SPOTT**

**A picture containing screenshot

Description automatically generated**

* In the Command Window on MATLAB, type *spott\_main\_exp\_instr*
* Press Enter

You will then be prompted to type information into the Command Window.

The responses should be as follows (sample ID, age, sex):

Type “1” if fmri, “0” for behavioral: **0**

Type “1” if testing, “0” for full run: **0**

Enter the subject ID number: **123**

Type “1” if using eyetracking, else type “0”: **0**

Enter the subject’s age: **18**

Enter the subject’s sex (m or f): **f**

* Press Enter

\*For this task participants should use the Button Box\*

Read the following instructions to participant:

“During this task, you will see two gray rectangles at the bottom of the screen which correspond to the two keys furthest to the left on the button box, labeled 1 and 2. \*show pt keys\* Your task is to press each button, *as quickly as you can*, and pay attention to the coins accruing above the rectangles in order to determine which is the more rewarding button. A green border around a rectangle means that button is active and can award points. The green border will only appear when you press the button at least twice in a row. Do you have any questions? You will be instructed to complete a test trial first and then will move on to the trials that will count towards your compensation”

**🡪MULTISOURCE**

Multisource task is located WITHIN the clock task folder. So, open nontemporal-clock as you normally would from the desktop in MATLAB 🡪 **This PC/Desktop/Nontemporal-Clock**

* On the left-hand side, you will see *multisource* folder
* **A screenshot of a cell phone

  Description automatically generated**Double click *multisource*
* Then, double click *index.html* (this will open the task in a new window)

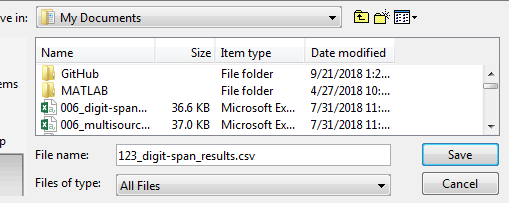
Click Launch Experiment

Read the following instructions to participant: (next page)…

“For this task, you will be shown stimuli consisting of three numbers or “x” letters. Two of the characters will always be the same. You will be instructed to indicate the target number that is different from the other two, regardless of its position. You can do so by using the 1,2,3 numbers keys at the top of the keyboard. Try to respond as quickly as possible but as accurately as possible.”

Once participant has read the on-screen instructions, administer multisource quiz (3 examples) to ensure participant understands the task. You can say:

“This is a screen shot of the task you will play. In this screen shot, which number would you press on the keyboard that is the target number?”



At the end of the task, you will be prompted to save the .csv file

The filename should be something like:

*501\_multisource\_results.csv*

\*Remember: the multisource ID # will be the SPOTT ID + 500 (or you can check google calendar)

For example: If SPOTT ID is 001, then multisource ID is 501

If SPOTT ID is 023, then multisource ID is 523

Save data in: Desktop/multisource

**4. GITHUB**

Step 1. Check: Current repository = Nontemporal-Clock

Current branch = RABranch

Step 2. Click fetch origin

Step 3. Check changed files

Step 4. Add summary: “Files added”

Step 5. Click “Commit to RABranch”

Step 6. Click “Push origin”

**5. PARTICIPANT PAYMENT**

* Have participant fill out Participant Payment Receipt (found in filing cabinet in 507)
* Give participant equivalent amount they earned in SPOTT task
  + If participant earned 865 coins = they earned $8.00 (round down)
  + If participant earned 904 coins = they earned $9.00
* Please make sure the payment receipt is SIGNED & DATED! And place on top of stack in cabinet to keep chronological order