*Episodic Decision-Making* (EPIDM) data collection protocol

-1. Reserve Experimental rooms (*D1 ~ 1.5hrs ; D2 ~ 1.5hr*)

1. Grab USB from the office where we keep experimental logs.
2. Turn on the computer and plug in USB
3. **Open experiment tracking log** (‘’)
4. Add participant to log and record group ID & study ID above
5. Add the name information for the participant file log

***Part 1:***

1. Use SONA to fill out **TWO** money forms

i. Money for experimental participation

ii. Bonus cash

1. Administer/Collect Consent 🡪 Answer outstanding questions
2. Complete Comprehension Quiz (Length, Schedule, Leaving)
3. Collect signature for money document
4. Collect Demographic Information <https://harvard.az1.qualtrics.com/jfe/form/SV_6DTTtzg5tQJoBiC>
5. Instruct participant to begin experiment;

* stay in room until training ends to address potential concerns

1. Put consent and money document in locked file drawer
2. After participant finishes experiment, ask them to wait while you determine their amount of bonus cash for the day (🡪 $9).
3. Rename the excel file containing participant data as ${SONA\_ID}\_E.csv

-This will be the ${Encoding\_file} you specify in the next step

1. Run the automated Python Script (Pseudoradnomization.py)

Pass the following arguments to the command line as indicated below:

“python3 Pseudoradnomization.py OldNew\_A.csv/OldNew\_B.csv New\_A.csv/New\_B.csv Old\_A.csv/Old\_B.csv”

*Note:* The version of the script you run depends on the participants Group ID

*Note:* Certain python versions require you to say, ‘python3’ instead of ‘python’

1. Evaluate performance to determine eligibility for next part of experiment

|  | Check box if <= 5 missing trials |
| --- | --- |
|  | Check box if >= 90% accuracy on the attention checks |

If performance is ***unacceptable,*** pay the participant and thank them for participating, but inform them that returning is unnecessary as they have been disqualified for ${insert reason here}.

If data is ***acceptable***, ***,*** pay the participant and thank them for participating. Remind them when to return for tomorrow’s experimental session. Remember to move participant data into the folder ‘UsableData’

1. Update excel participant tracker with relevant information
2. Drop Output of encoding file into EPIDM\_R folder
3. Place password protected USB in locked file cabinet

***Part 2:***

1. Open experiment in EPIDM\_R folder and type in Participant ID
2. Use SONA to fill out **TWO** money forms, recall name for introduction

i. Money for experimental participation

ii. Bonus cash

1. Collect signature for money document
2. Instruct participant to begin experiment;

* stay in room until training ends to address concerns

1. Put money document in locked file drawer
2. After participant finishes experiment, ask them to wait while you determine their amount of bonus cash for the day ($?).
3. Run the automated Python Script: PostExp\_AB.py

Pass the following arguments to the command line as indicated below:

“python PostExp\_AB.py {Recognition\_file}”

*Note:* Certain python versions require you to say, ‘python3’ instead of ‘python’

1. Pay the participant (including bonus cash) and thank them for participating.
2. Update excel participant tracker with relevant information
3. Place password protected USB in locked file cabinet
4. Update SONA with participation information