

# Major Caveats of this script

## Extract RAW data part

- The extract RAW data part of this R script is not hardcoded and simply loops your original R script over the motion files. So no worries here

## Extract EVENT data part

1. This **extract EVENT** part of this R script is **hardcoded** for the
  - a. Paradigm excel file type:
    - i. **ATN for EEG** ("CCI", "NCC", "CCC", "SCI", "NCI", "SCC").
  - b. So within the Paradigm excel file it is hard coded to extract from the region:
    - i. **H30:H328**

	G	H	
25			
26			
27			
28			
29			
30	<u>TrialTable-Duration</u>	<u>TrialTable-Type</u>	<u>T</u>
31	2200	CCI	
32	1400	NCC	
33	2200	NCI	
34	1800	SCI	*
35	2200	SCI	
36	1000	CCC	
37	1400	SCC	
38	1400	NCC	
39	1000	NCC	
40	2200	NCI	
ii.	41	1000	SCC

2. It assumes the correct number of total trials is:
  - a. **10 practice trials + 288 real trials = 298 trials. 298 trials \* 2 = 596 trials**
  - b. it won't actually break but point 3 below will be affected, it'll just print to the console the number of total trials
3. It removes the first 22 rows and the last rows automatically as according to your previous instructions powerpoint, those rows are to be thrown out

# Generating the Raw and Event files for experiment **ATN for EEG ONLY**

## Naming the files

1. **Make sure the files** are named as below, with “Name” as the full name of the subject

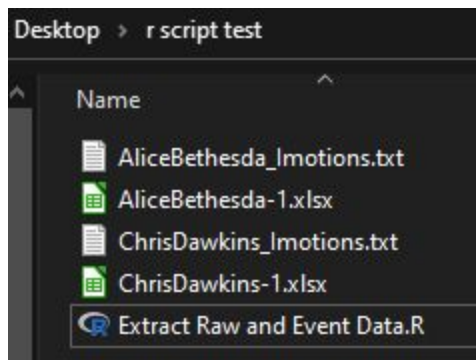
Imotions exported file	Paradigm player data
<b>Name_Imotions.txt</b>	<b>Name-1.xlsx</b>

## **MAKE SURE THAT EACH PAIR OF FILES HAS THE SAME NAME**

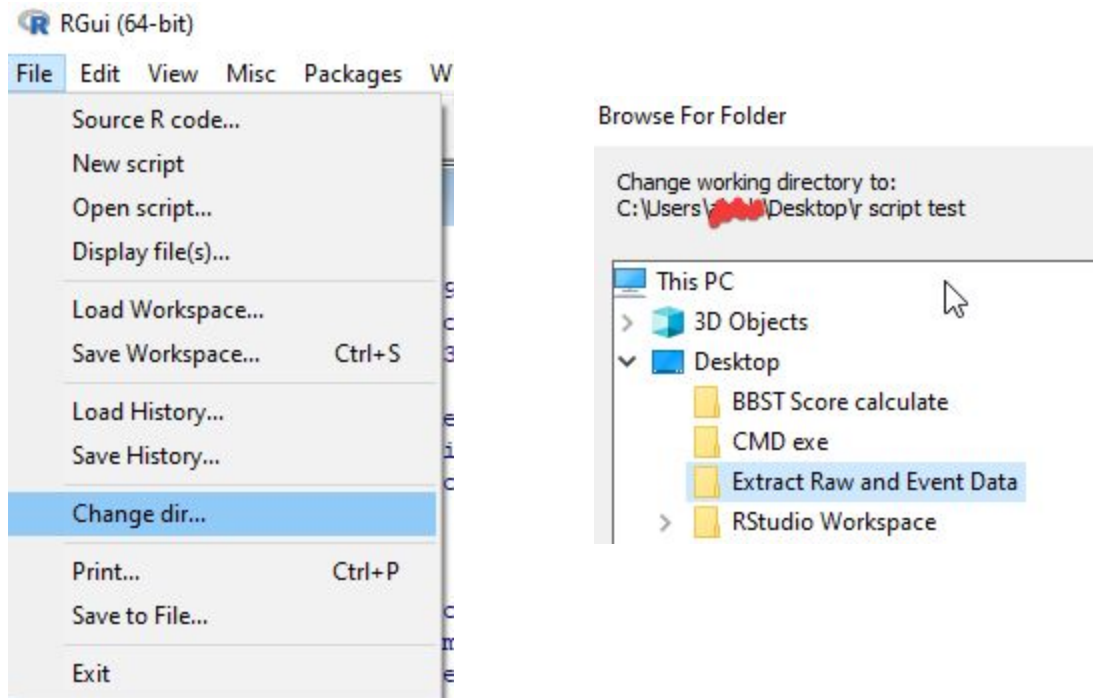
2. Make a folder containing all pairs of files you want and copy the R script “Extract Raw and Event Data.R” into the folder

- You can have **as many pairs of files as you want but they have to adhere to the naming scheme in step 1**

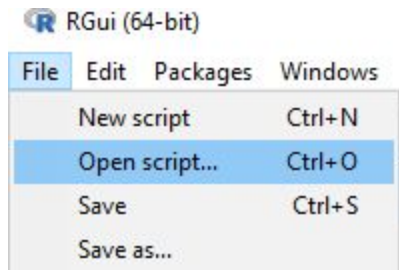
3. This is what your folder should look like



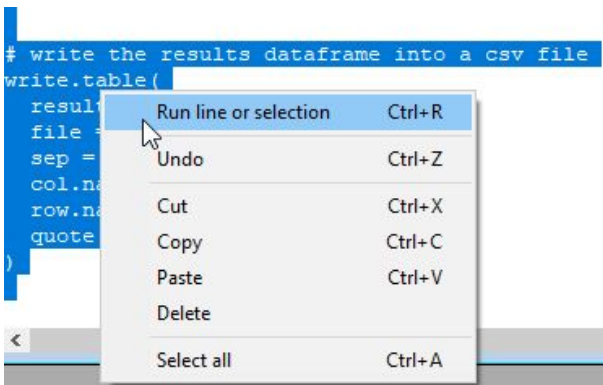
4. Open RGui, and go to File -> Change dir -> and select the **folder you just made** in step 4.



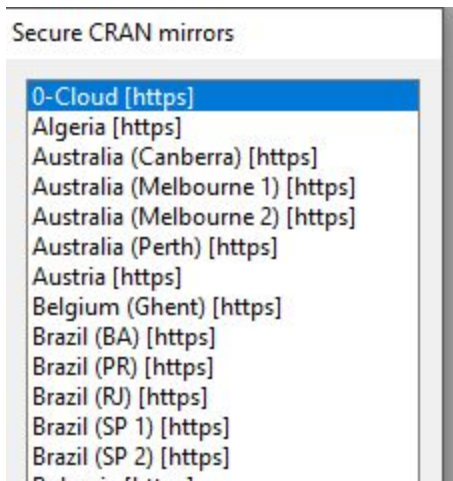
6. Open the script in R in the folder you made in step 4



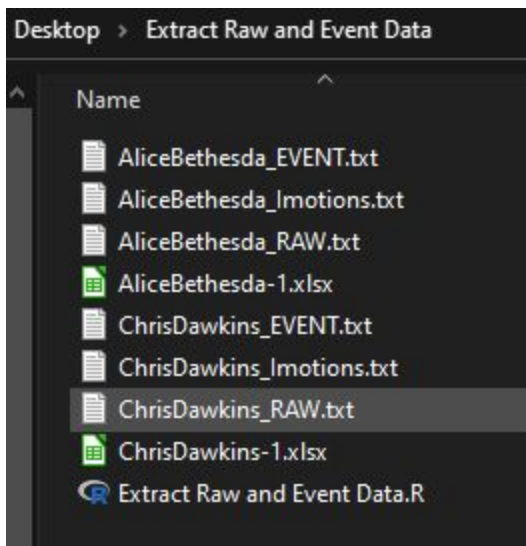
7. Select all the code in the script and then right click → Run line or selection



- Press ok when/if the screen below pops up and allow time for packages to install.  
The rest of the script will run automatically
  - If it doesn't pop up then you already have the packages installed.



8. Go back to the folder you made in step 2 it should look like this:



- Each set of EVENT and RAW files will be used in EEGLab to cull epochs