EDF Browser Instructions

MJM – 4/1/19

EDF Browser is a software that allows you to visualize the raw EEG signal, in order to identify bad channels for manual exclusion. EDF Browser is free to download and can be found here: <https://www.teuniz.net/edfbrowser/>

**Converting .csv data files to .edf files:**

1. Make sure that all of your raw data files (.csv files) are in one directory you will also want to add the template that Kinsey created (asci\_to\_edf\_full.template) to this directory.
2. Open EDF browser.
3. Click on ‘Tools’ and then select ‘Convert ASCII (CSV) to EDF/BDF’.
4. Click on ‘Load’ to load in Kinsey’s template.
5. For ‘Subject’s name’, enter the subject #.
6. For ‘Recording’, enter what you would like your converted file to be called. You can name the file the same thing as your original file since the file types will be different.
7. Click ‘Start’ and select the file you would like to convert.
8. A window will pop-up asking you to confirm that the new file is named correctly and being saved in the right directory. If both of these things are correct hit ‘Save’.
9. Repeat steps 5-8 with all files you wish to convert.

**Visualizing the data:**

1. To open the file you wish to visualize, click on ‘File’ and then ‘Open’ and then select the appropriate .edf file.
2. Select the signals in the file that you would like to view, you should select AF3-AF4 (this is signals 2-15), then click ‘Add signal(s)’.
3. You will not see any data initially, to see data click ‘Amplitude’ and then ‘Fit to pane’.
4. Scroll through the data to identify bad channels for manual rejection, you can ignore artifacts (blinks, brief muscle movements, etc.) as these will be removed by Andy’s EEG cleaning scipt.