**15-06-2020**

Split the data into manually separated significant channels, I will likely want to see if this matches up significantly later if I implement a classification for the channel specific metrics. Think on this and talk to Tryphon.

Different subjects have different base levels / thresholds

i.e. subject 1 has a threshold of around 0 whereas subject 2 has a threshold around 100

compiled two classification – info documents (channel 1 is in position 2 of the data array, position 1 is the timepoints)

1. *Event number*
2. *Event start*
3. *Event end*
4. *Event class (channel 1)*
5. *Max frequency (channel 1)*
6. *Min frequency (channel 1)*
7. *Mean frequency (channel 1)*

*These can be considered quantitative descriptive statistics for the data – also consider the median and standard deviation of the event data maybe.*

*Split the dataset channels down from 32 to 10 of the most relevant channels, this is mostly based on the more extreme responses shown in the first channel.*

*I have used only the first 2 of the subjects but there are more available, check if supervisor would recommend a particular amount for the time being and check how many you actually have, it’ll definitely be worth applying all of this to more data.*

*Consider standardising and normalising the data, maybe that would be better for comparison of datasets.*

*And now for lunch!!*

**16-06-2020**

Okay, what things do I need to get a hold on - what do I need to do?

Check the meeting document from earlier in the week.

Find documentation regarding feature extraction techniques that I wish to use, this will be the basis for the first section of the literature review.