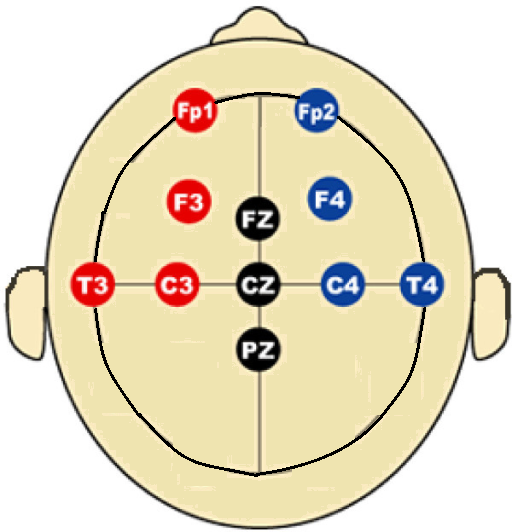
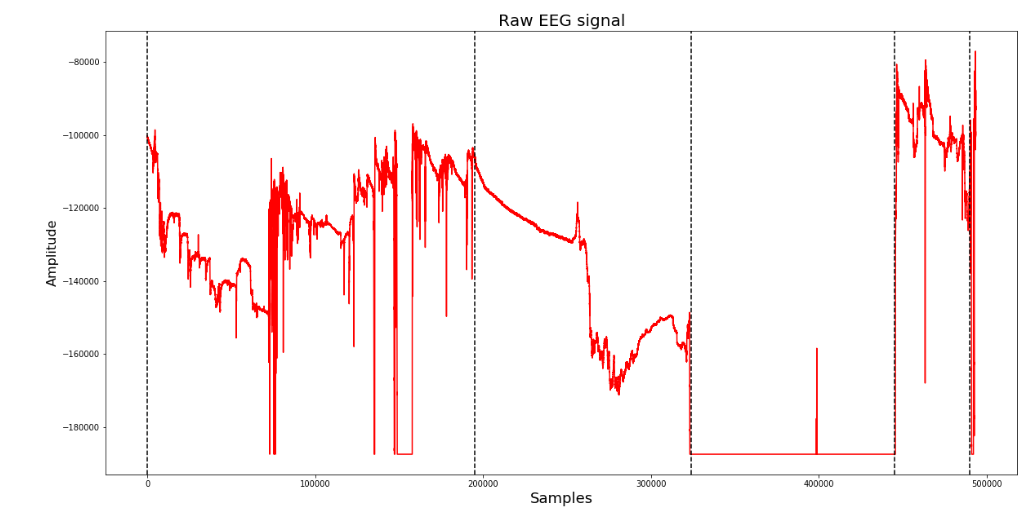
EEG Processing

# Electrode Positions



# RAW EEG Data- Joan Wagner- April 22, 2018

## Channel FP1

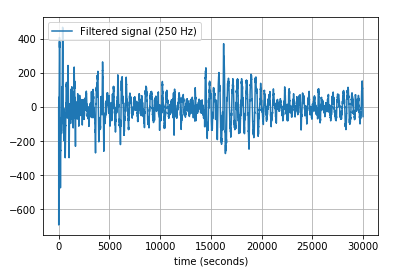


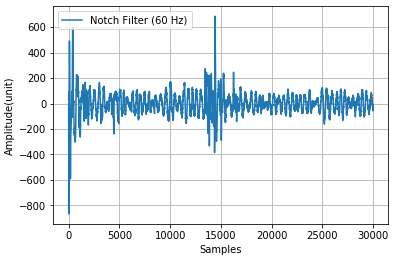
<https://mentalhealthdaily.com/2014/04/15/5-types-of-brain-waves-frequencies-gamma-beta-alpha-theta-delta/>

# Preprocessed baseline signal- 2-minute EEG data/ 250hz sampling

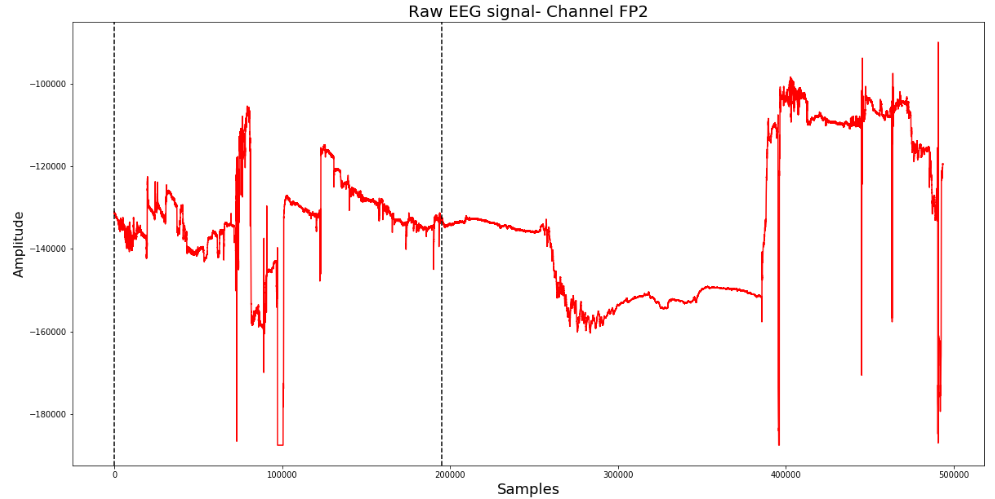
## Band pass filtered- 0- 40Hz

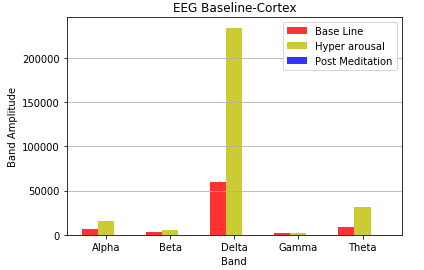
## Notch filtered at 60hz



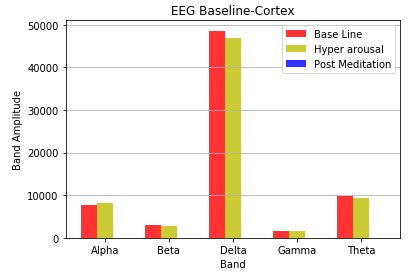


## Channel FP2

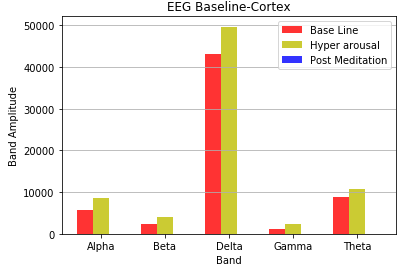




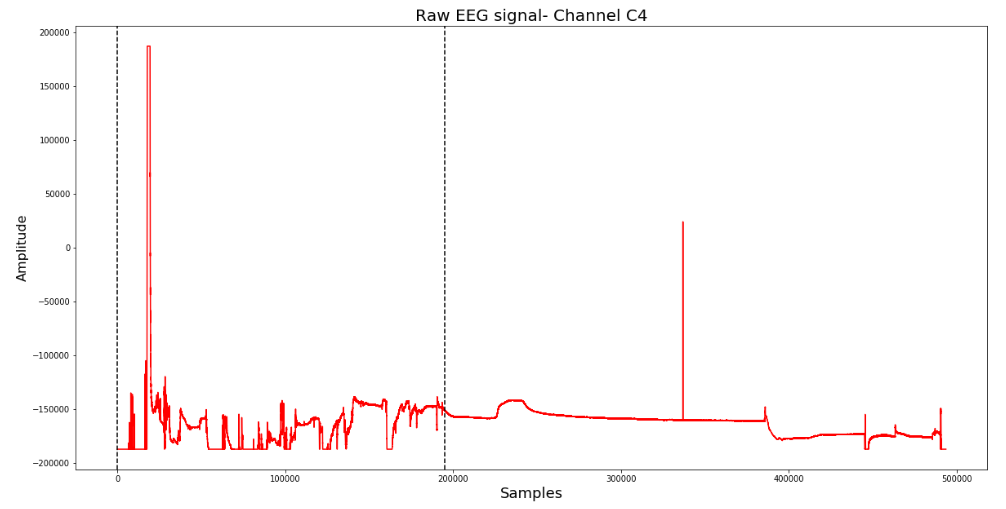
## Channel F3

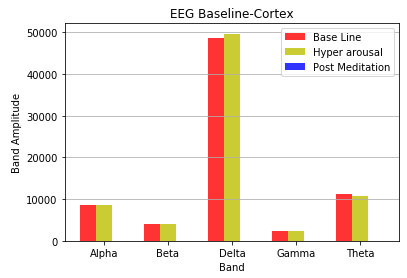


## Channel C3

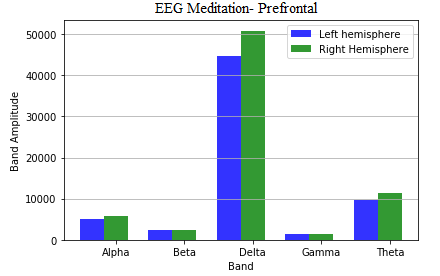


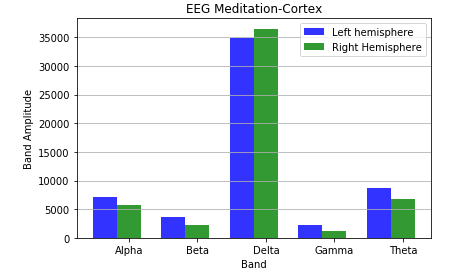
## Channel C4





Hemisphere EEG amplitude comparison:



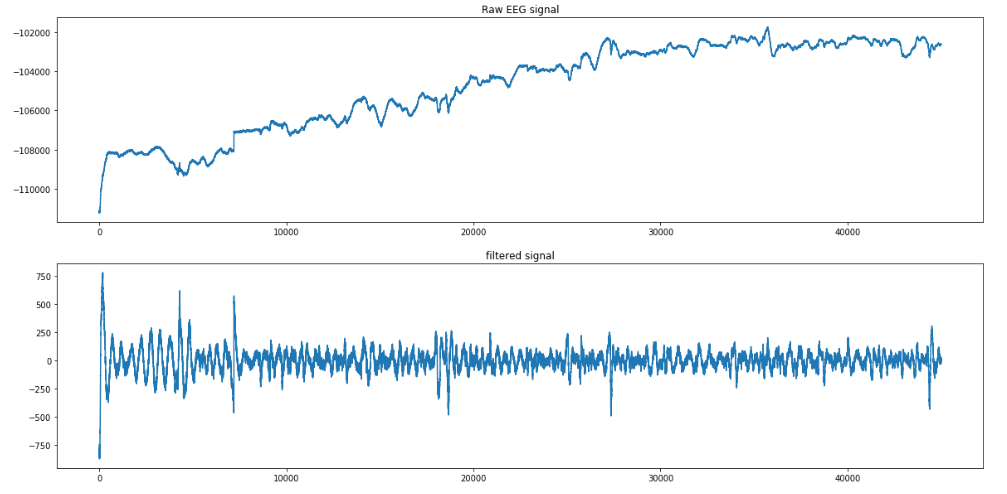


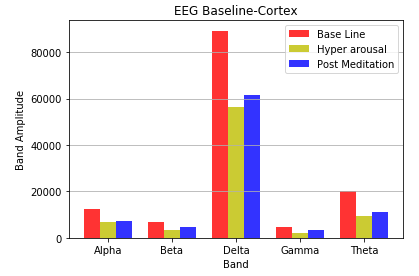
# RAW EEG Data- Agnes- April 21, 2018

## Channel FP1

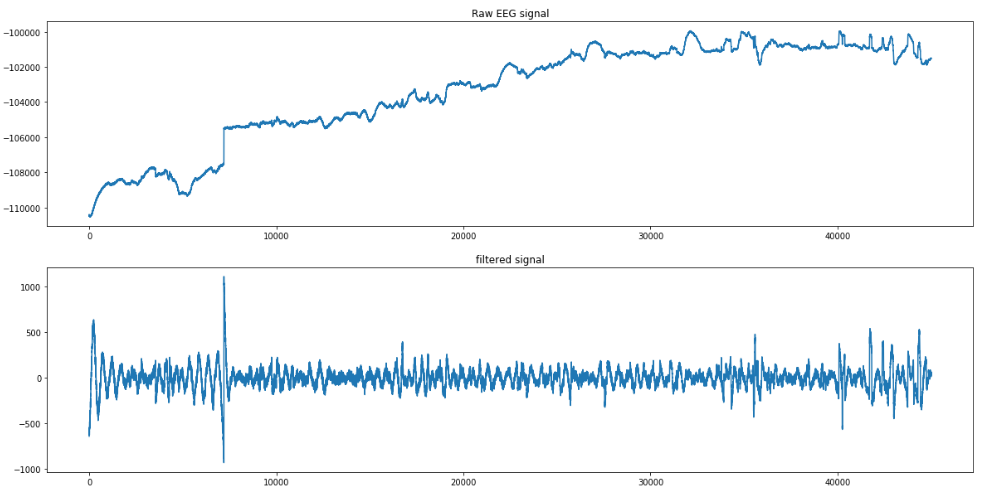
No useful data detected

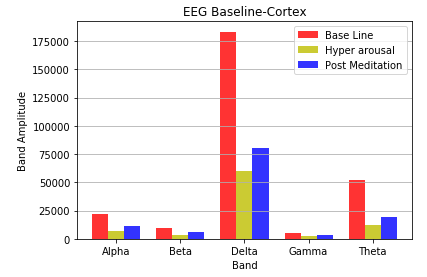
## Channel FP2



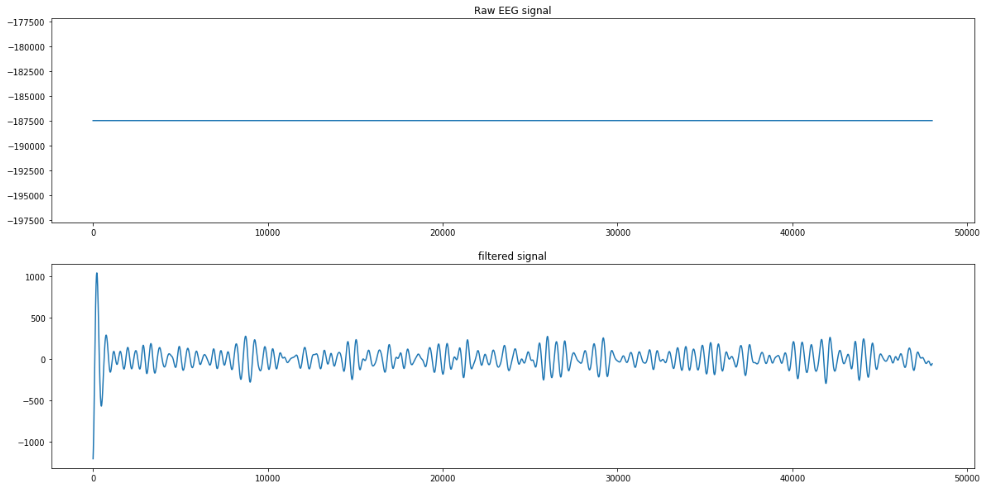


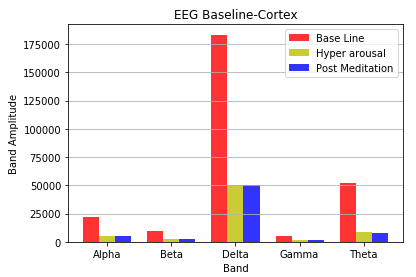
## Channel C3



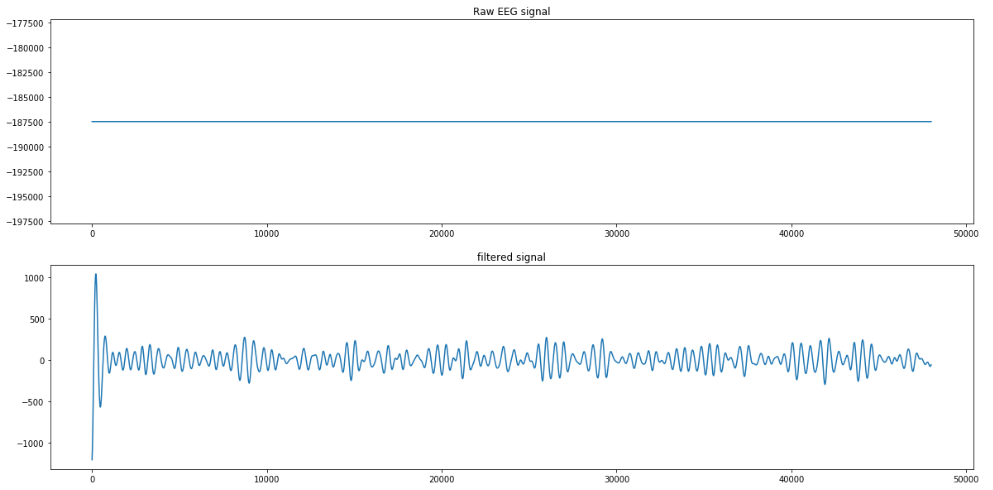


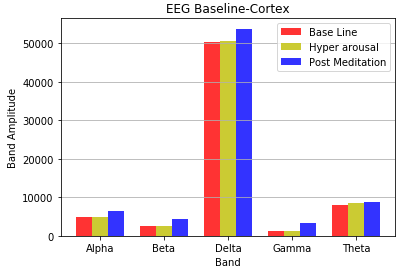
## Channel F3





## Channel F4



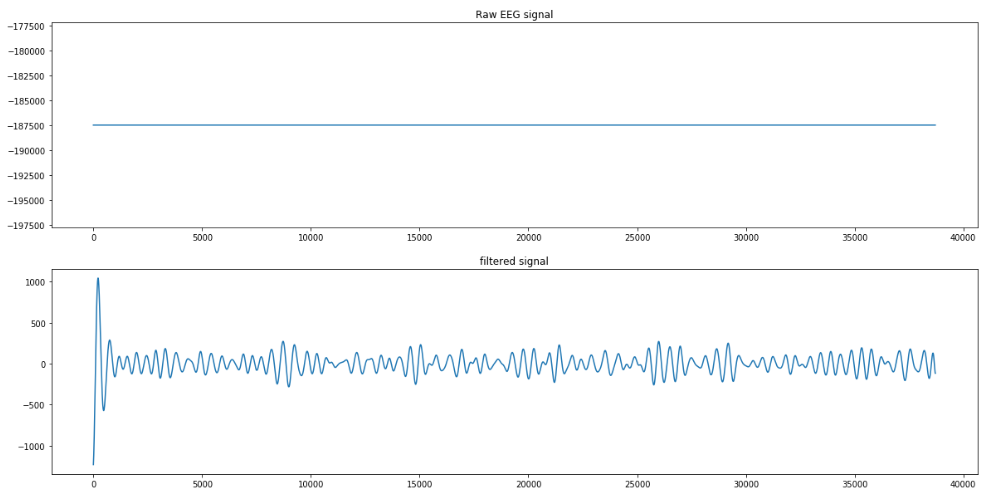


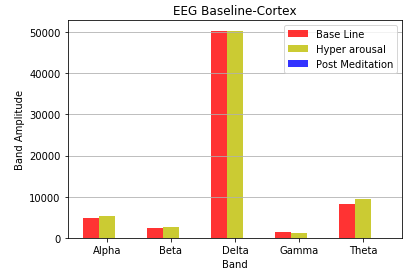
# RAW EEG Data- Jason- April 22, 2018

## Channel FP1

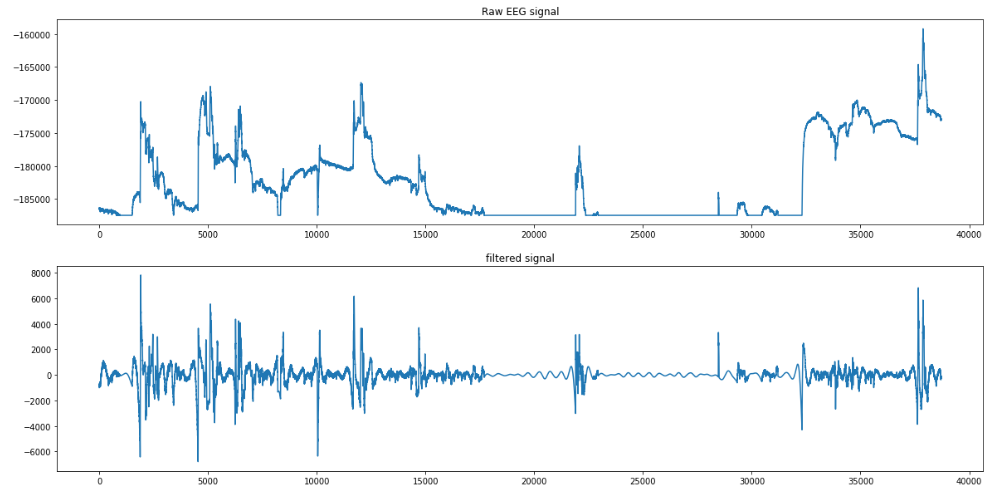
No useful data detected

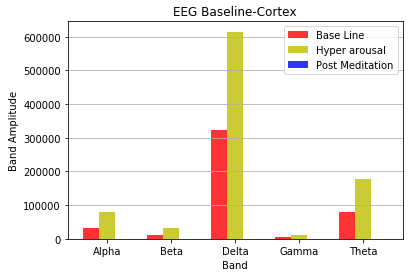
## Channel FP2



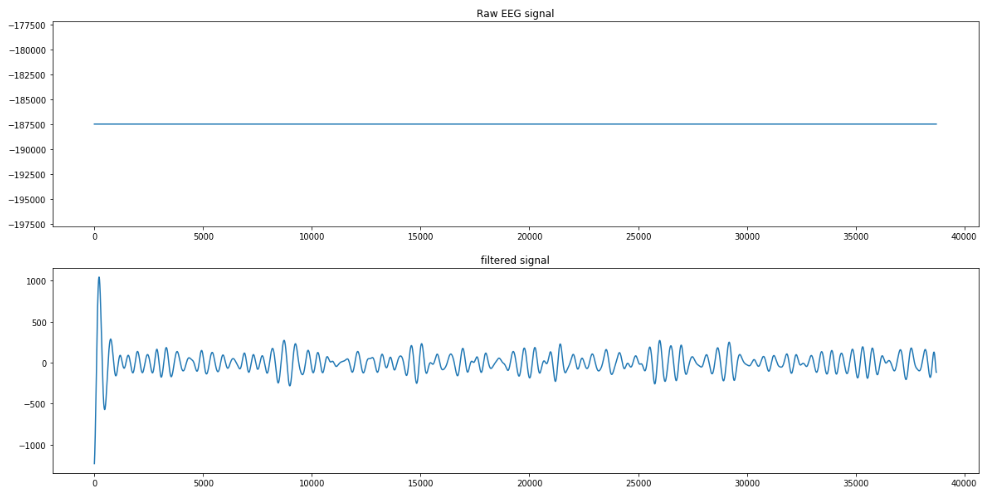


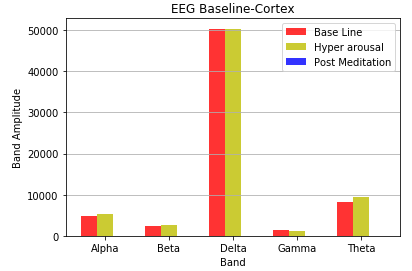
## Channel C3





## Channel F3



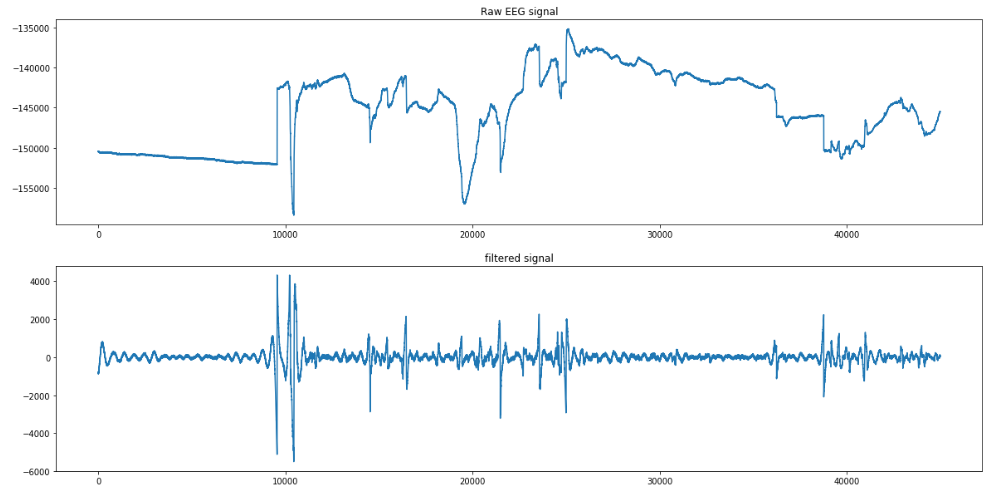


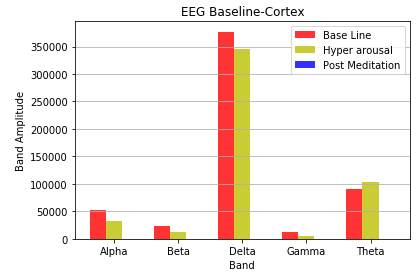
# RAW EEG Data- Laurie- April 22, 2018

## Channel FP1

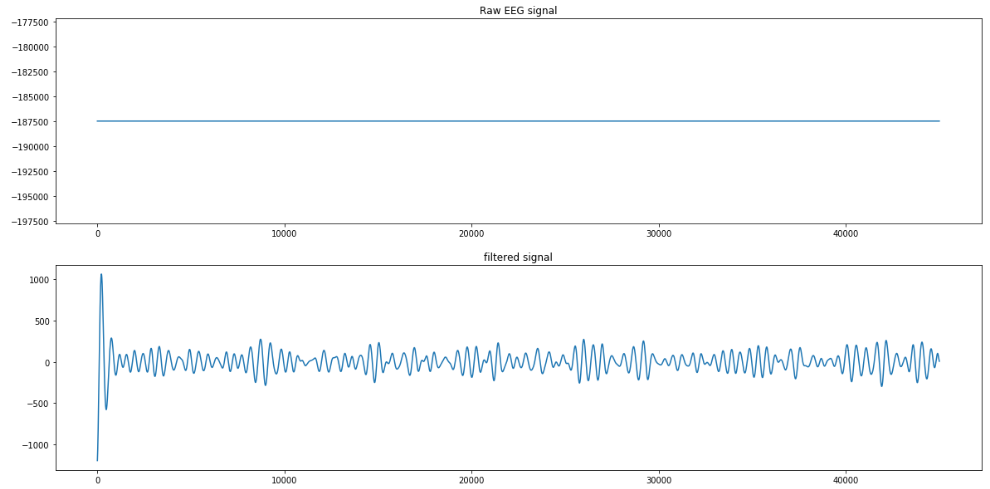
No useful data detected

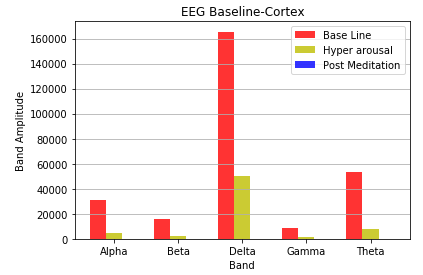
## Channel FP2



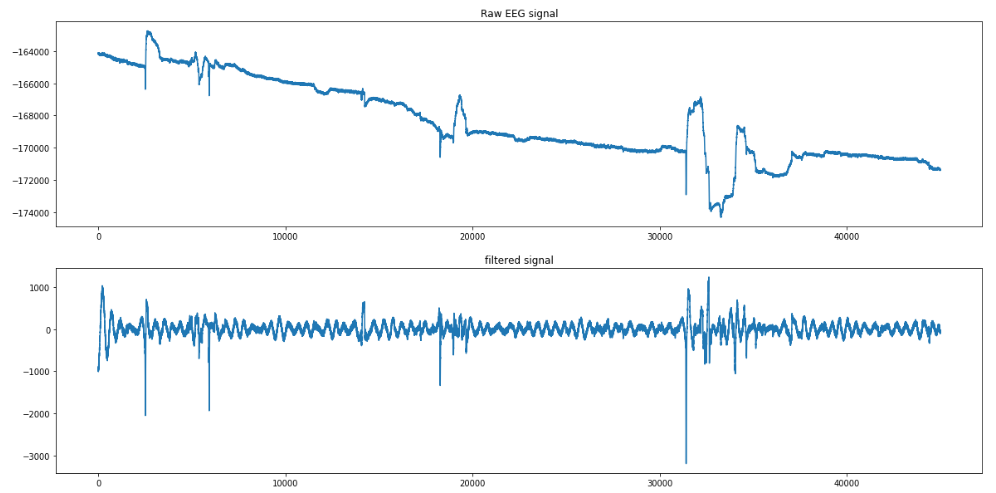


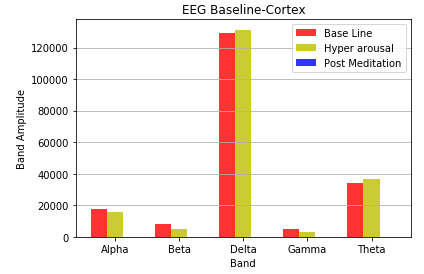
## Channel C3



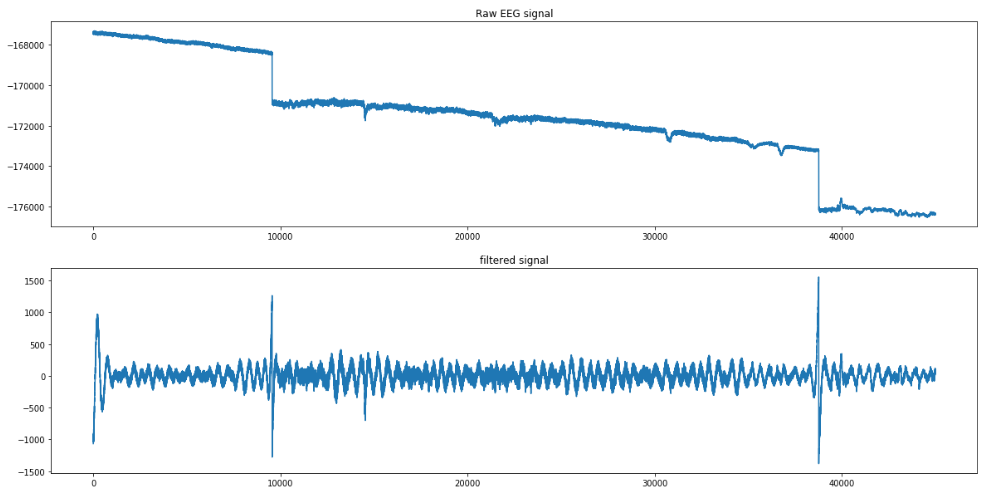


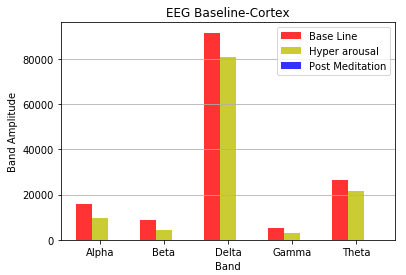
## Channel F3





## Channel F4





# RAW EEG Data- Rosalind- April 21, 2018

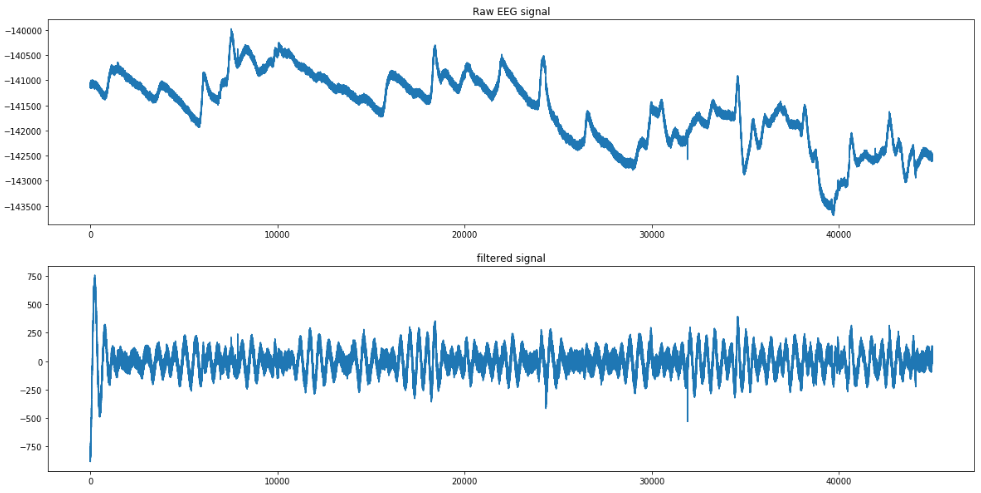
No useful data detected

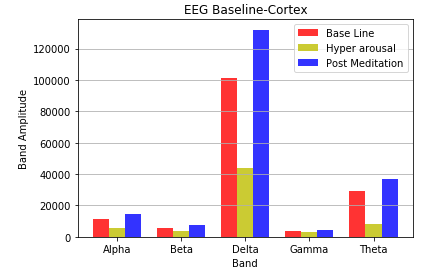
# RAW EEG Data- Sarah- April 21, 2018

## Channel FP1

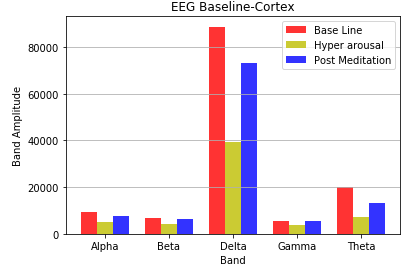
No useful data detected

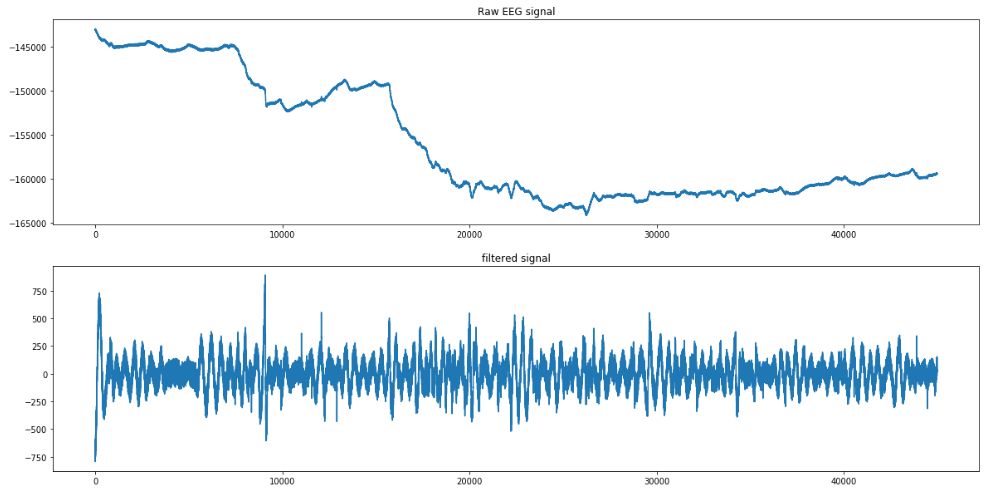
## Channel FP2



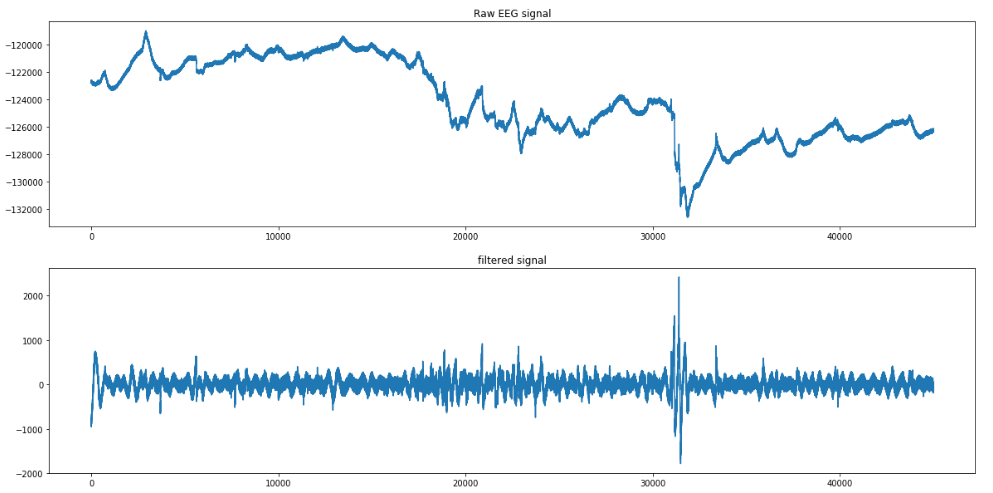


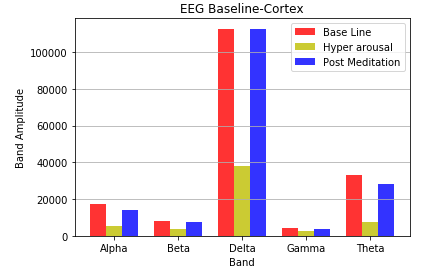
## Channel C3



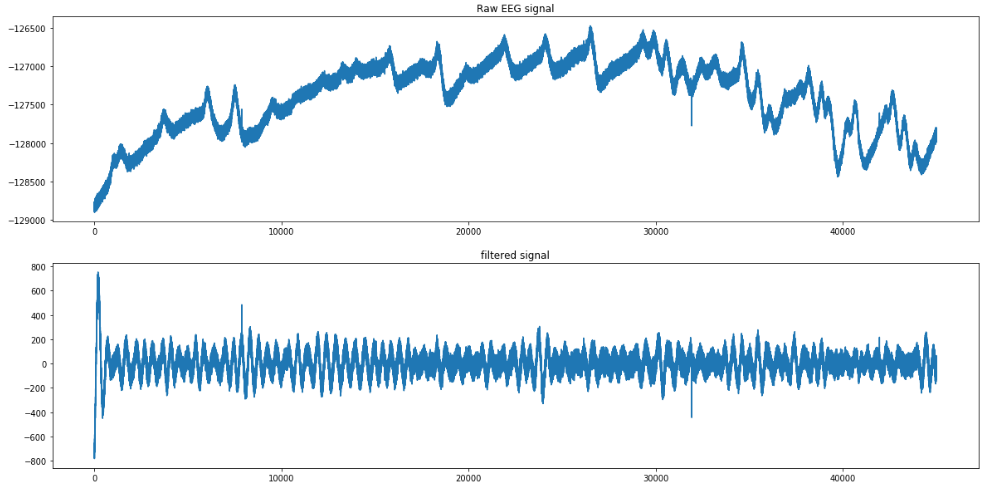


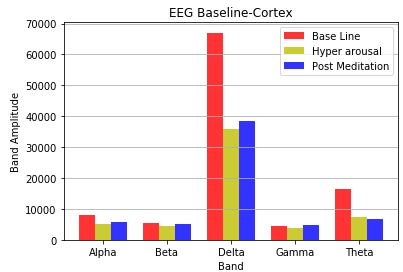
## Channel F3





## Channel T4



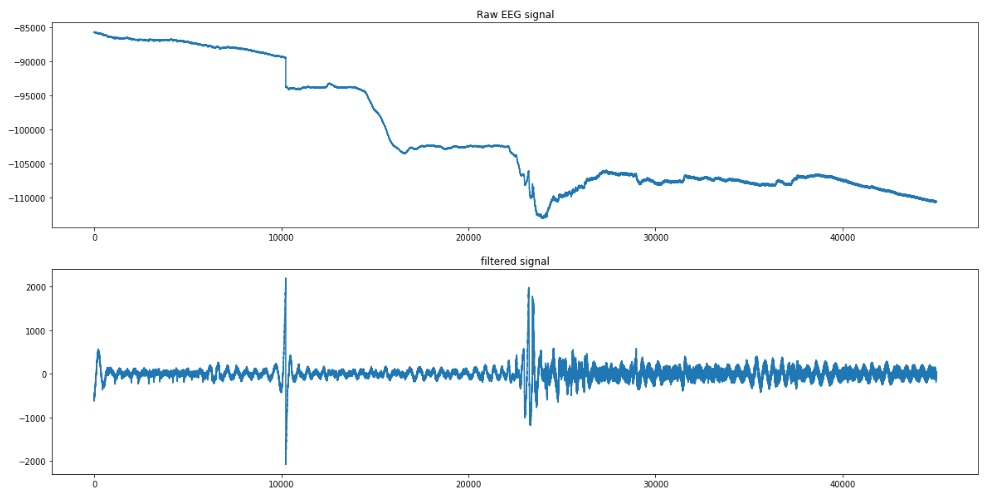


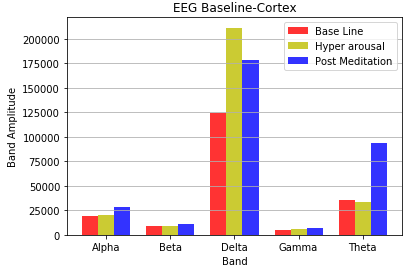
# RAW EEG Data- Joan McArthur- April 21, 2018

## Channel FP1

No useful data detected

## Channel FP2





## Channel F3

