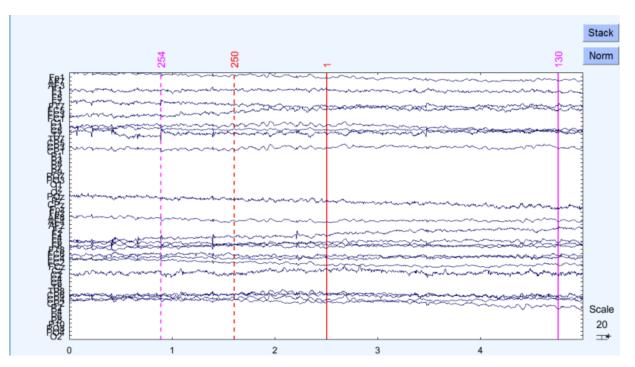
Effects of downsampling (512 Hz → 500 Hz)

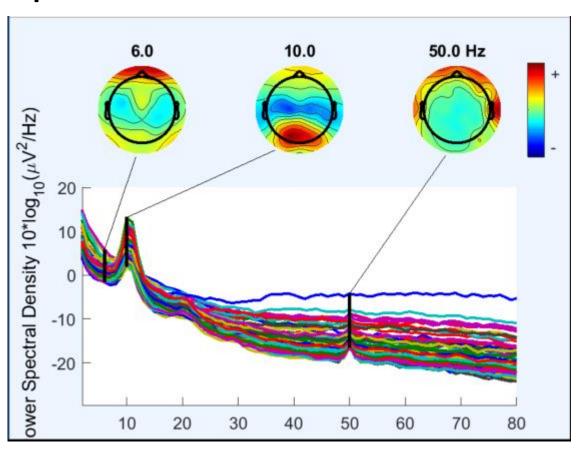
Does it interact with the participant's alpha???

→ Power spectrum peaks for frequency harmonics

VP2

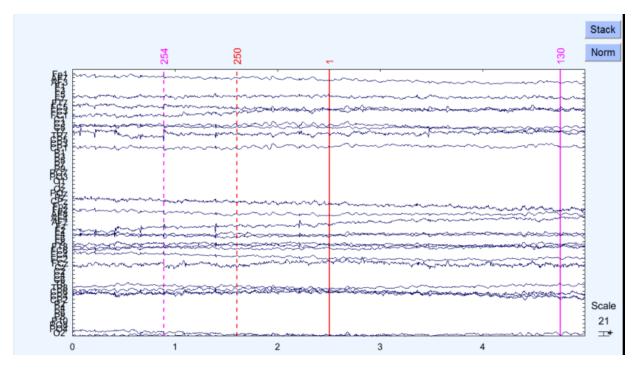
Continuous data

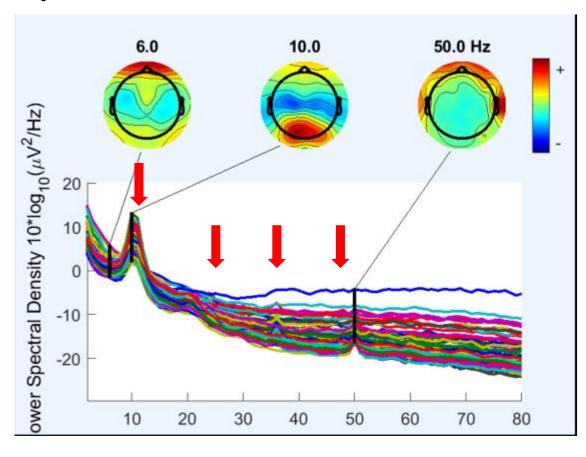




Cont_reref_blr_resampled 500hz

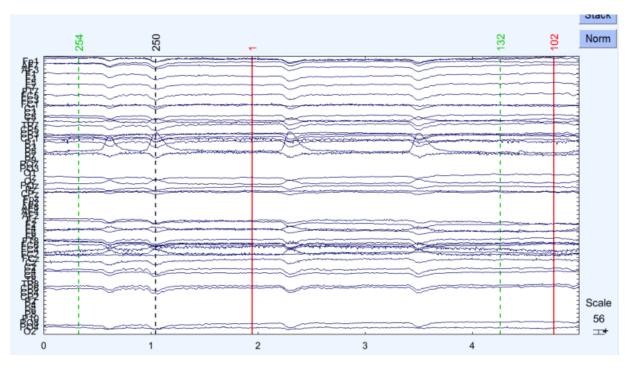
Continuous data

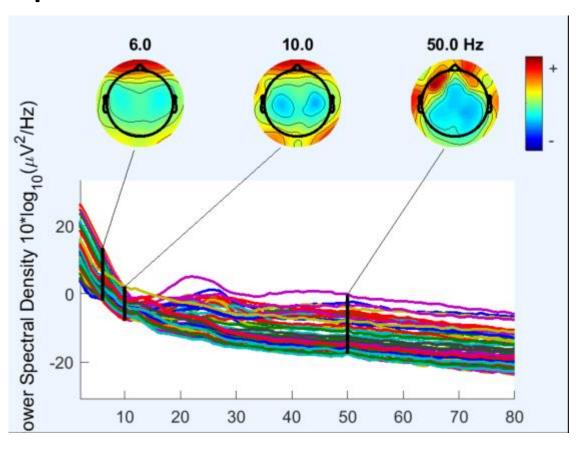




VP5

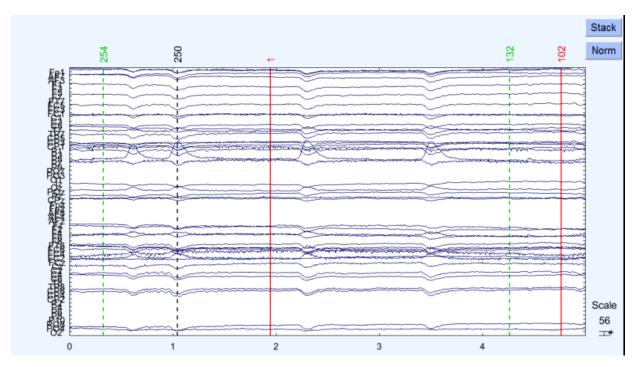
Continuous data

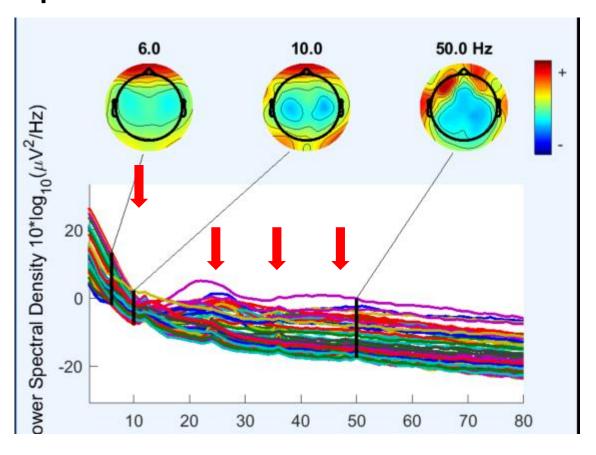




Cont_reref_blr_resampled 500hz

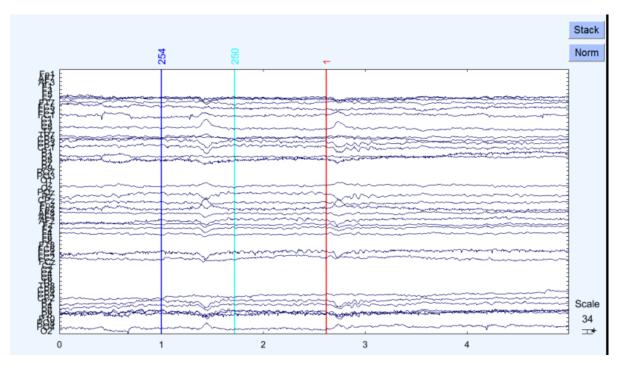
Continuous data

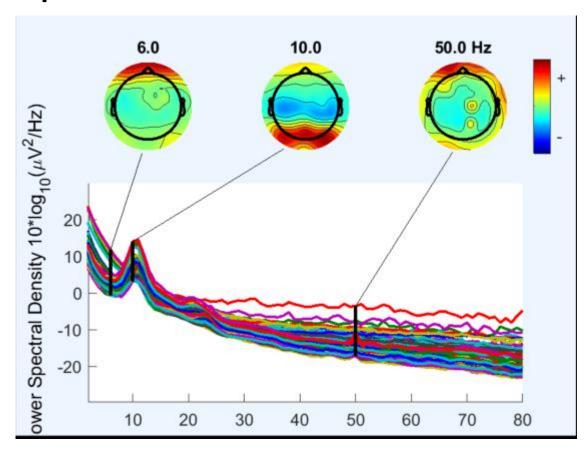




VP3

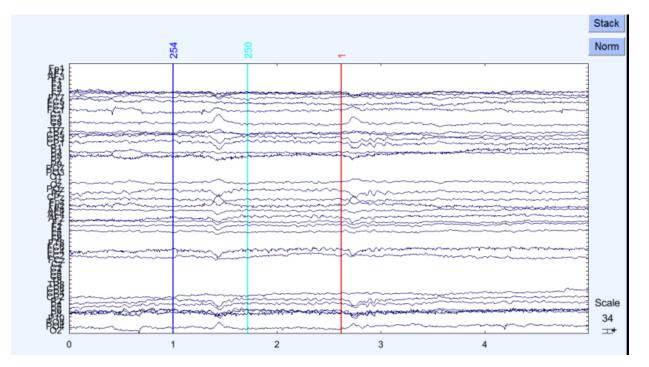
Continuous data

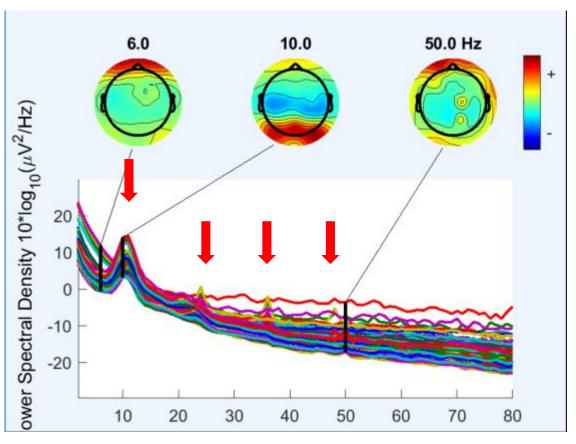




Cont_reref_blr_resampled 500hz

Continuous data

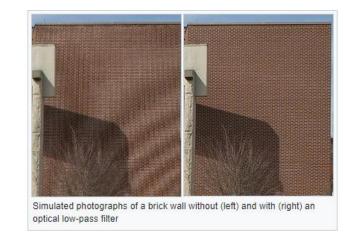




Aliasing effect? > Lowpass filtering before downsampling??

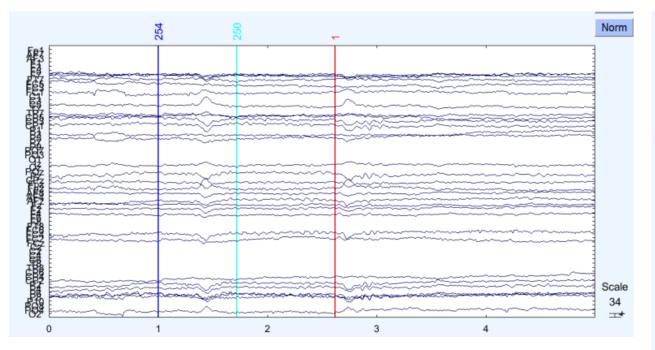
"Usually low-pass filter is necessary before downsampling for anti-aliasing, but EEGLAB function applies the anti-aliasing filter automatically."

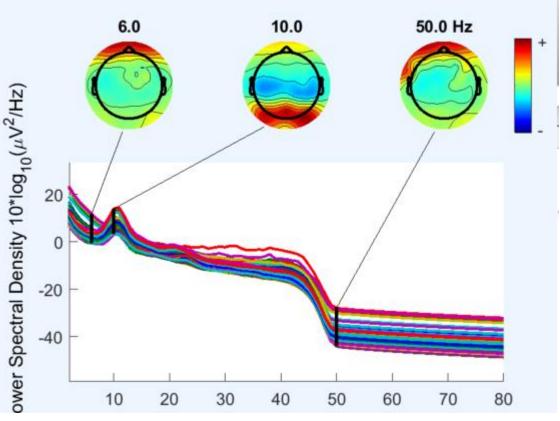
https://sccn.ucsd.edu/wiki/Makoto's preprocessing pipeline#Downsample if necessary



Continuous_reref_blr_lowpass filtered 40Hz

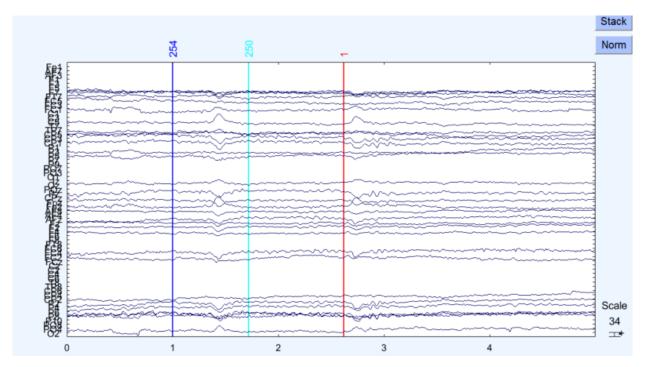
Continuous data

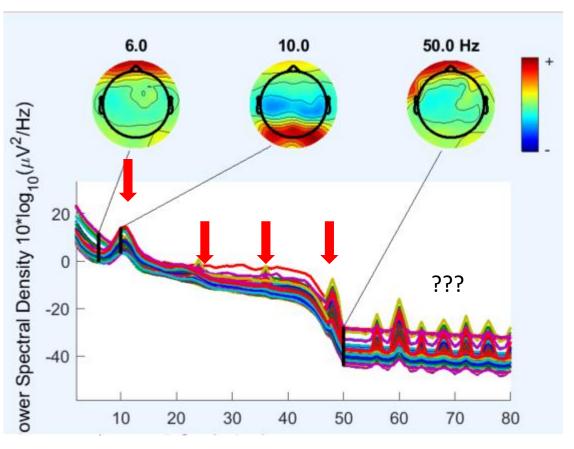




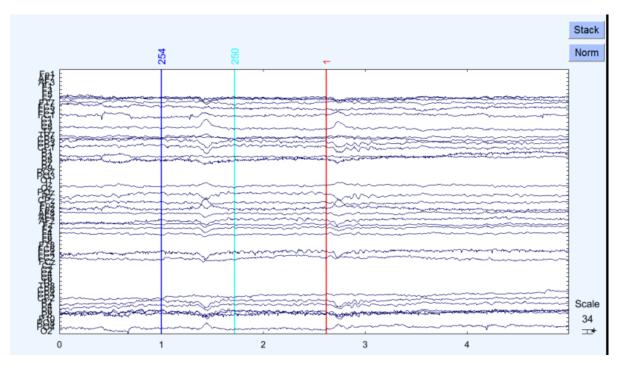
Continuous_reref_blr_lowpass filtered 40Hz-downsampled 500Hz

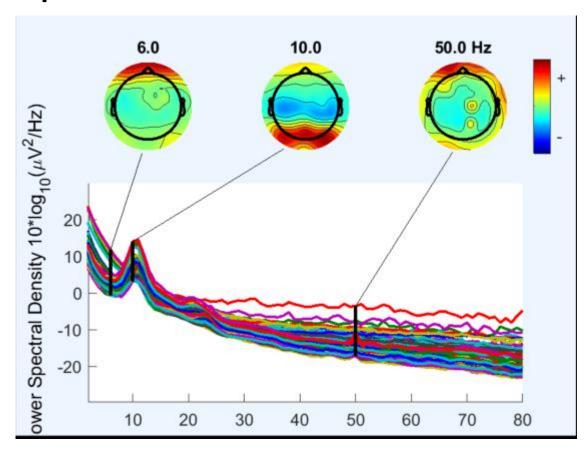
Continuous data



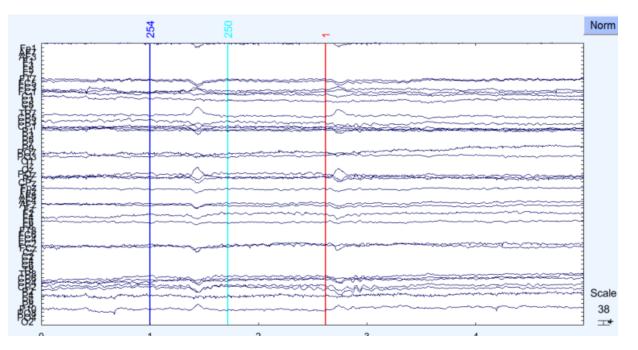


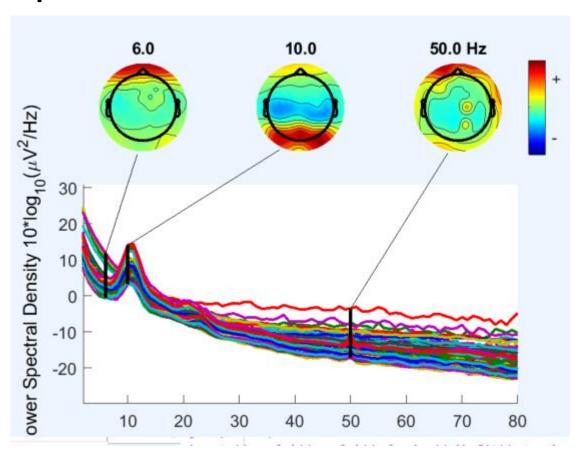
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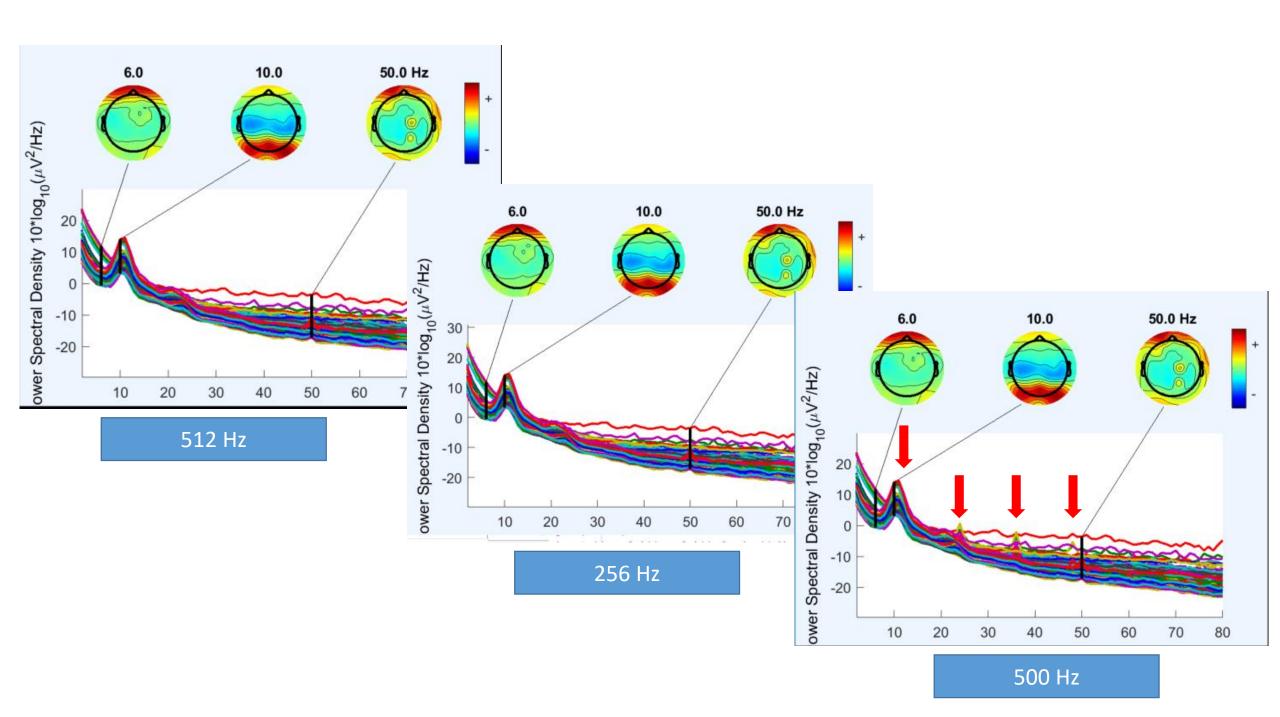


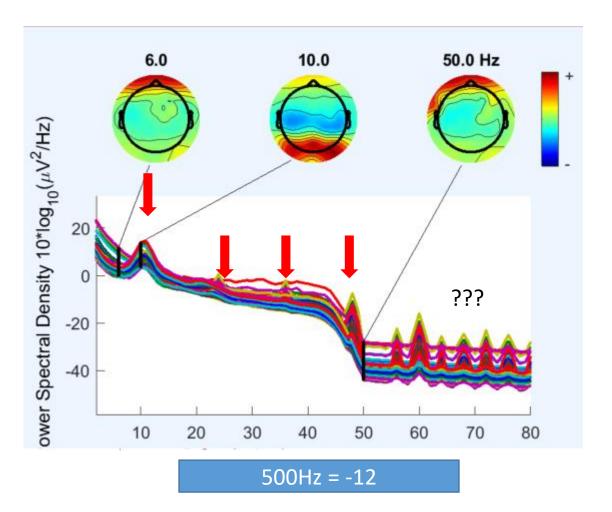


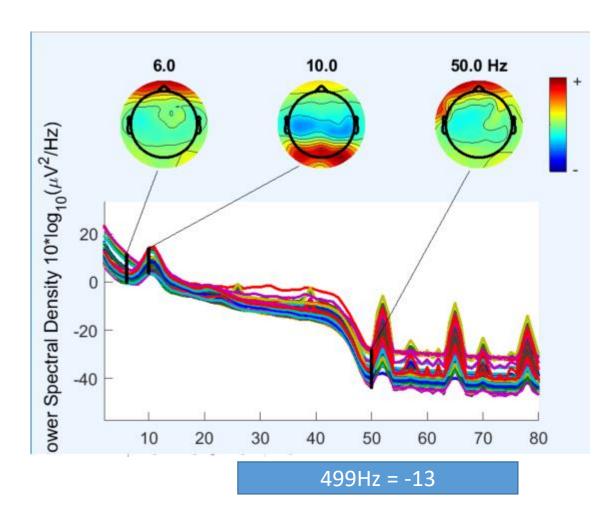
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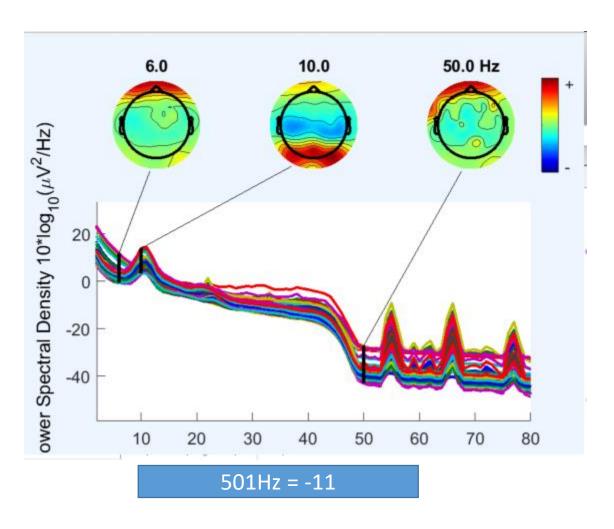








12 24 36 48 60 13 26 39 52



11 22 33 44 55

