HBN Warmup project (SAB2) Week 7 (20 May - 26 May)

Workload:

- 1) Finalizing source reconstruction on more epochs (increased to 205)
- 2 Computing PSD at source on occipital areas
- 3 understanding bit more about the whole source reconstruction Stack
- if computationally intensive:
- @ Downsampling to 250Hz
- 1 After this is, average them using Atlas

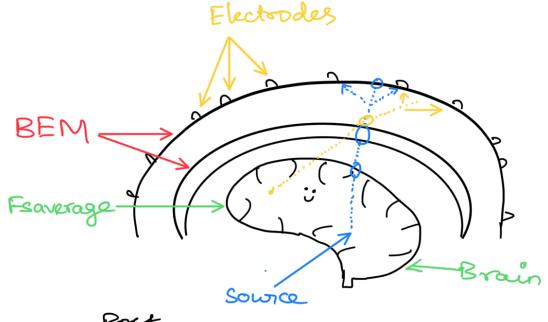
Optionally:

D'what neuroimaging can and cannot reveal....."

By Russel A. Poldrack (2 chaps V/9) (250 Pogos)

Next week:

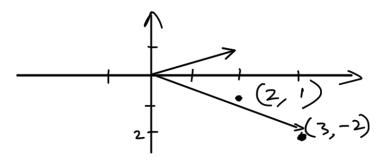
- 1) solve the "2" above
- @ Inter-subject Study (No Surprise)



Synaptic Source (Potential) -> Brain outer shell -> Skull -> Scalp -> Electrode

"More distant the signal has to townel, more uncertainties get intorduced"

MNE - Minimum Norm extimate



with "a priori", we get (3,-2)
Measured = (2,1)

How do I transform (2,1) So that we land at (3,-2) = Magical Matrix and "minimise" the "landing" error

eLORETA = low resolution electromagnetic
"Tomo graphy

Nutshell: Find the Strength of the activity at vertices interms of electrical & magnetic field