

HBN Project (continuation)

10 - 16 June

- ① a) Noise floor (using 5-s window)
→ 95% CI with red markers
- ① b) Associate videos
- ② Source reconstruction
→ 3 ICs
→ 32s time-series data (all "significant")
→ 7s time-series data (Peak of the peak)
- ③ Recommended Reference Electrode
- ④ GSP, fMRI
- ⑤ per subject definition & its results

Optional workload

- ① Cognitive Neuroscience — Michael S. Gazzaniga et al.
~5 chapters/14 ✓

Add-on

- ① Isolated the global notebook into 2
 1. Resting-state related
 2. ISC/CCA related

Reference Electrode

"A comparative study of different references
....." Yun Qin et al

Types of Reference:

1. Linked Mastoid (LM)
2. Average Reference (AR)
3. Left mastoid Ref (L)
4. REST (Ref elec standa... technique)

All these may introduce bias.....

∴ "usage of Cz is deemed inappropriate"

→ Base 129 system Author uses has cz

→ de-referenced from Cz to LM, L, AR

Relative Error using Coherence analysed

lowest \updownarrow highest

→	REST	3.05%
→	AR	11.57%
→	LM	15.60%
→	L	17.35%

} (mean RF)

Impact

→ Power spectrum

