

# QEEG Clinical Report

EEGLens



The QEEG report is provided by NPCindex Company, operating under the QEEGhome brand.

## Personal Data:

Name: Amir Arsalan Vesaly Khah

Gender: Male

Age: 2013-09-15 - 12.1

Handedness: Left

## Clinical Data:

Initial diagnosis: Anxiety-Attention and Concentration Problem-Memory

Medication: -

Date of Recording: 2025-10-13

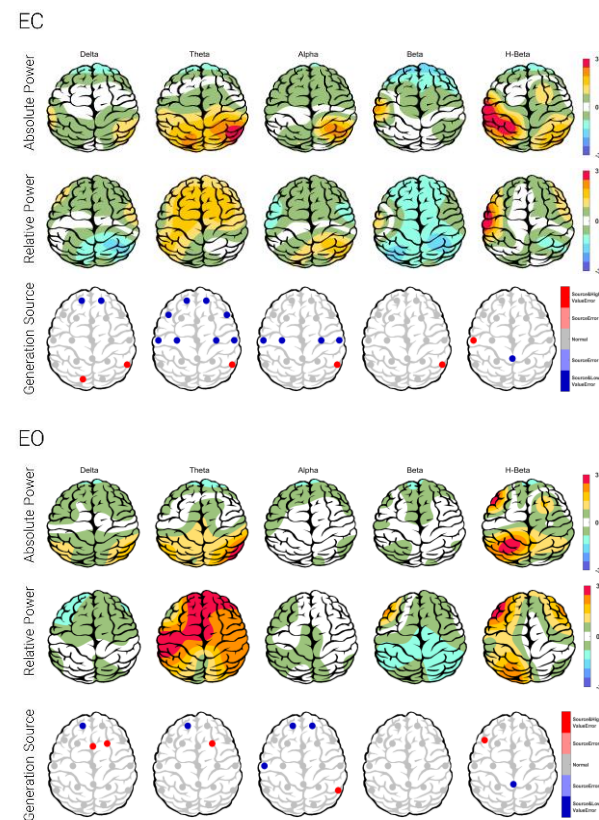
Source of Referral: Dr Sajjadi

This case belongs to Dr Sajjadi

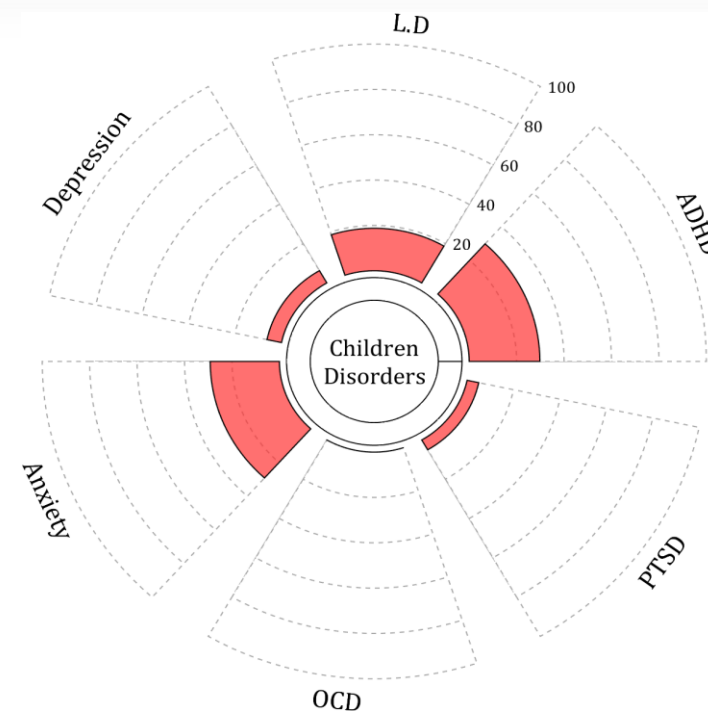
## EEG Quality



## Z-score Information



## Pathological Assessment



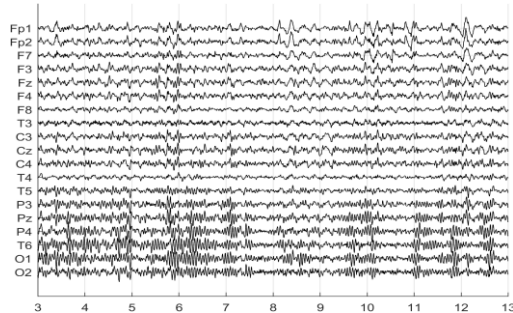
## EEG Neuromarker Values

| Neuromarker        | Region    | Value | Assessment |
|--------------------|-----------|-------|------------|
| APF - EO           | Frontal   | 09.17 | Normal     |
| AFP - EC           | Frontal   | 09.00 | Normal     |
| APF - EO           | Occipital | 09.62 | Normal     |
| AFP - EC           | Occipital | 09.00 | Normal     |
| Arousal Level - EO | -         | -     | Low        |
| Arousal Level - EC | -         | -     | Low        |

## Denoising Information

■ Eye Close

Raw EEG



Rejected Channel



**Total Recording Time Remaining:**

239.54 sec

**Number of Eye and Muscle Elements**

Eye: 2

Muscle: 0

Low Artifact Percentage



High Artifact Percentage

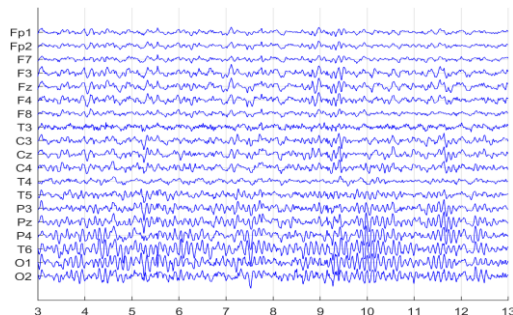


Total Artifact Percentage



**EEG Quality:** perfect

Denoised EEG

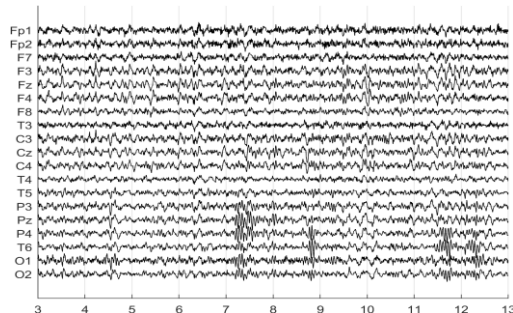


Flat Channel



■ Eye Open

Raw EEG



Rejected Channel



**Total Recording Time Remaining:**

139.49 sec

**Number of Eye and Muscle Elements**

Eye: 2

Muscle: 1

Low Artifact Percentage



High Artifact Percentage

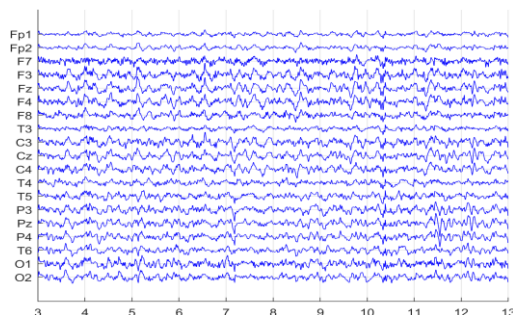


Total Artifact Percentage



**EEG Quality:** perfect

Denoised EEG

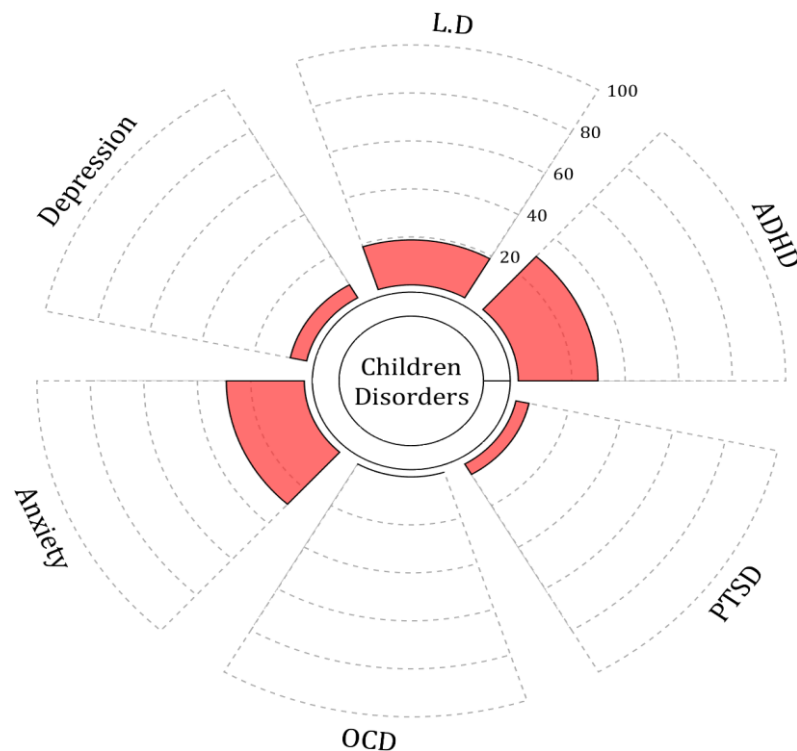


Flat Channel



## Pathological Assessment

Main Diagnosis: Children Disorder



### ADHD Subtypes

1. Same inattentive and hyperactive prevalence. Well respond to stimulants.

### Description

According to the guidelines, psychiatric disorders in children (under 17 years) include *ADHD*, *learning disorder (LD)*, *PTSD*, *OCD*, *depression*, and *anxiety*.

In the above graph, the red area shows the percentage of each disorder from your patient's EEG markers. Observe that each disorder marker is not unique and can be shared with others.

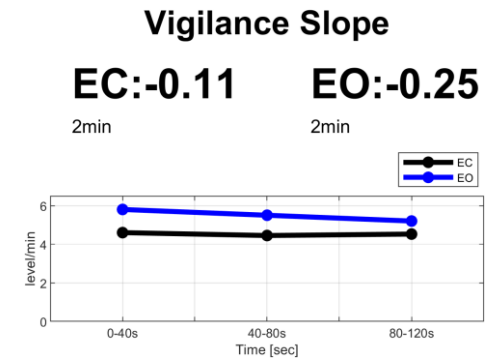
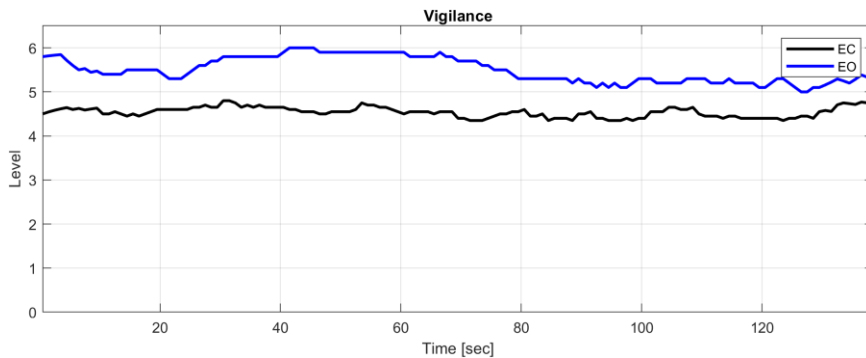
#### References:

Sadock, B. J., Sadock, V. A., & Ruiz, P. (Eds.). (2025). Kaplan and Sadock's comprehensive textbook of psychiatry (11th ed., Vols. 1–2). Wolters Kluwer  
 Sadock, B. J., Sadock, V. A., & Ruiz, P. (2022). Kaplan and Sadock's synopsis of psychiatry: Behavioral sciences/clinical psychiatry (12th ed.). Wolters Kluwer

### User Manual



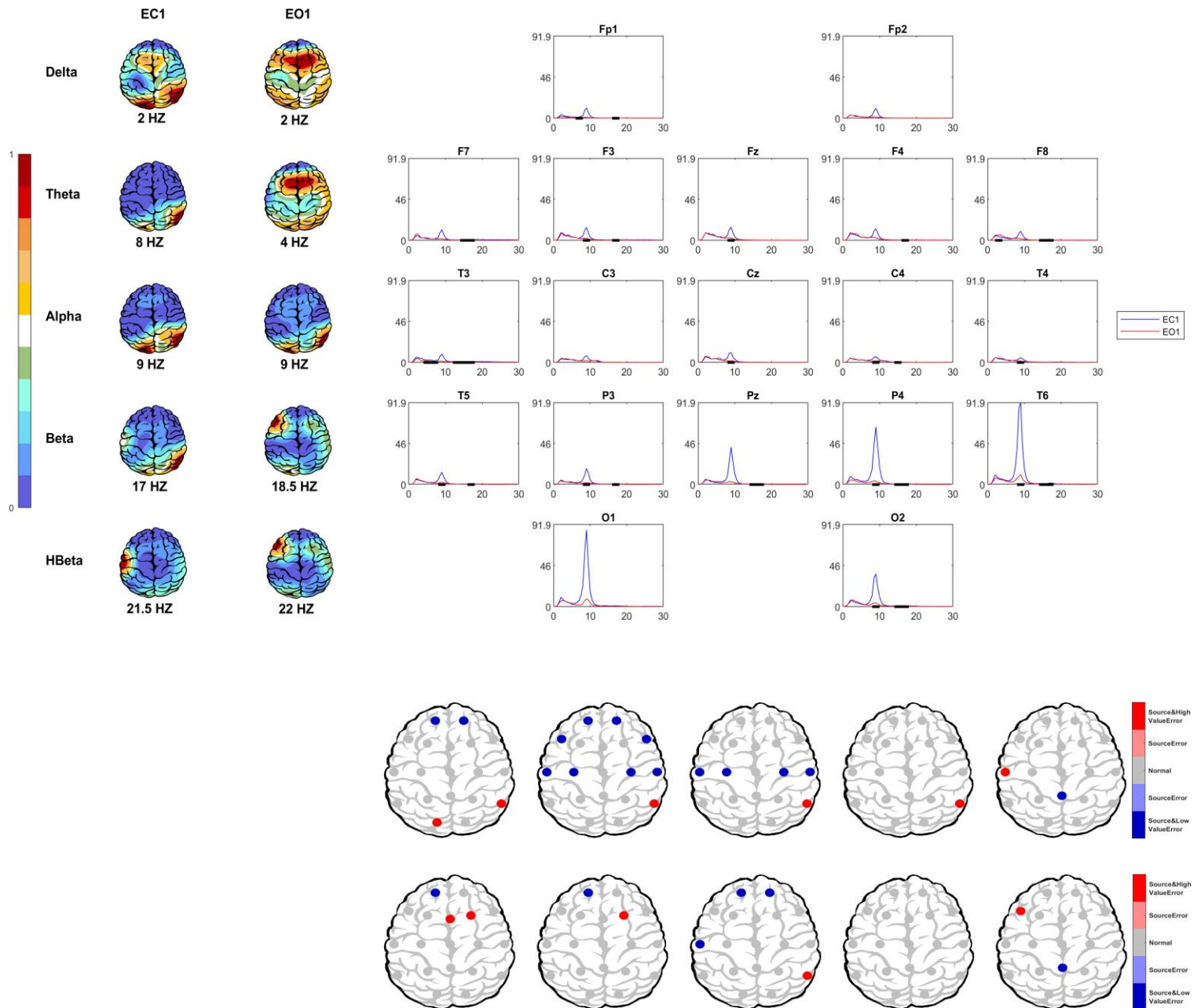
## Vigilance



## EEG Neuromarker Values

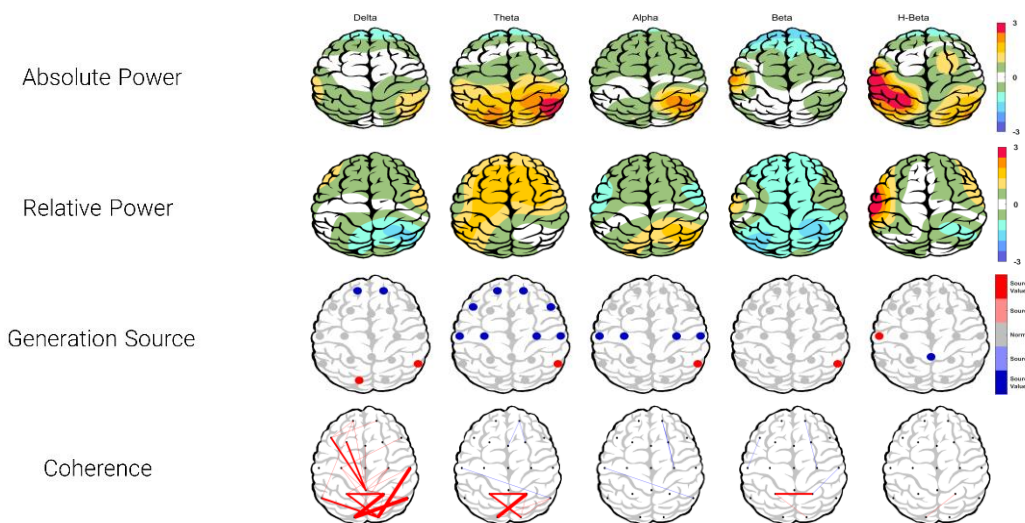
| Neuromarker                 | Region    | Value | Assessment   |
|-----------------------------|-----------|-------|--------------|
| APF - EO                    | Frontal   | 09.17 | Normal       |
| AFP - EC                    | Frontal   | 09.00 | Normal       |
| APF - EO                    | Occipital | 09.62 | Normal       |
| AFP - EC                    | Occipital | 09.00 | Normal       |
| Alpha Asymmetry - EO        | Frontal   | -0.13 | Anhedonia    |
| Alpha Asymmetry - EC        | Frontal   | 00.02 | Anxiety      |
| Alpha Asymmetry - EO        | Occipital | 00.27 | Anxiety      |
| Alpha Asymmetry - EC        | Occipital | 00.32 | Anxiety      |
| Beta Asymmetry - EO         | Frontal   | 00.14 | Anhedonia    |
| Beta Asymmetry - EC         | Frontal   | -0.05 | Anxiety      |
| Alpha Blocking              | -         | -     | Not Observed |
| Arousal Level - EO          | -         | -     | Low          |
| Arousal Level - EC          | -         | -     | Low          |
| Vigilance Level - EO        | -         | 06.00 | Normal       |
| Vigilance Level - EC        | -         | 05.00 | Normal       |
| Vigilance Mean - EO         | -         | 05.50 | Normal       |
| Vigilance Mean - EC         | -         | 04.54 | Normal       |
| Vigilance Regulation - EO   | -         | -0.25 | Normal       |
| Vigilance Regulation - EC   | -         | -0.11 | Normal       |
| Vigilance 0 Stage (%) - EO  | -         | 74.82 | Normal       |
| Vigilance 0 Stage (%) - EC  | -         | 00.00 | Normal       |
| Vigilance A1 Stage (%) - EO | -         | 00.00 | -            |
| Vigilance A1 Stage (%) - EC | -         | 65.47 | -            |

## EEG Spectra

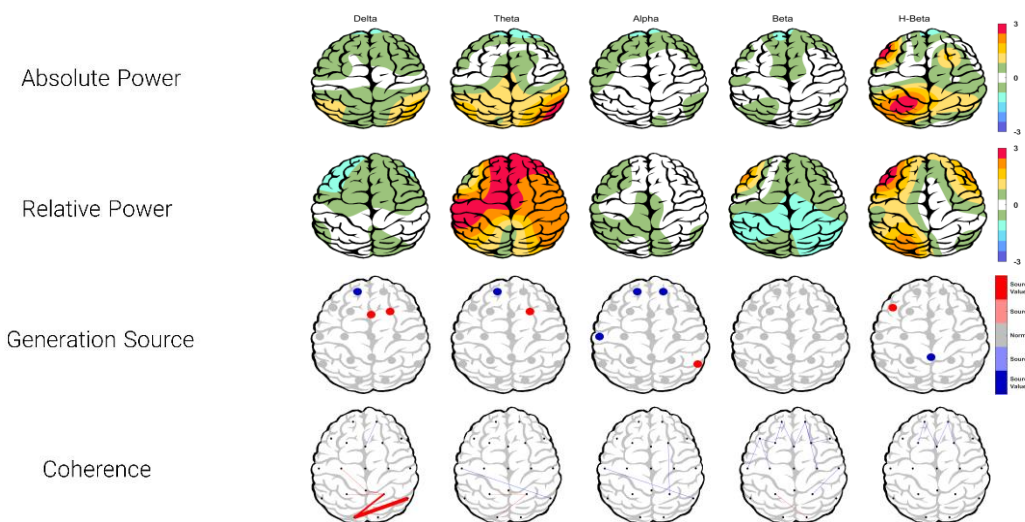


## Z Score Summary Information

■ Eye Close

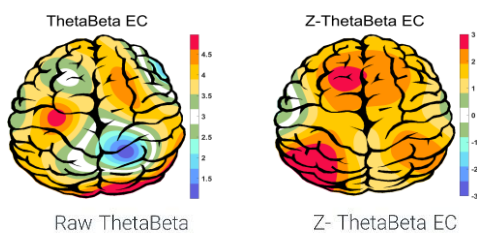


■ Eye Open

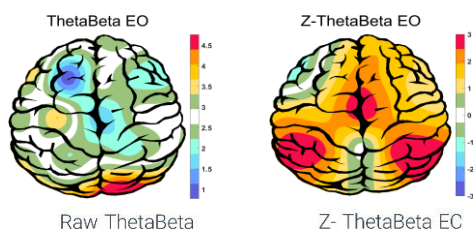


## Theta/Beta Ratio

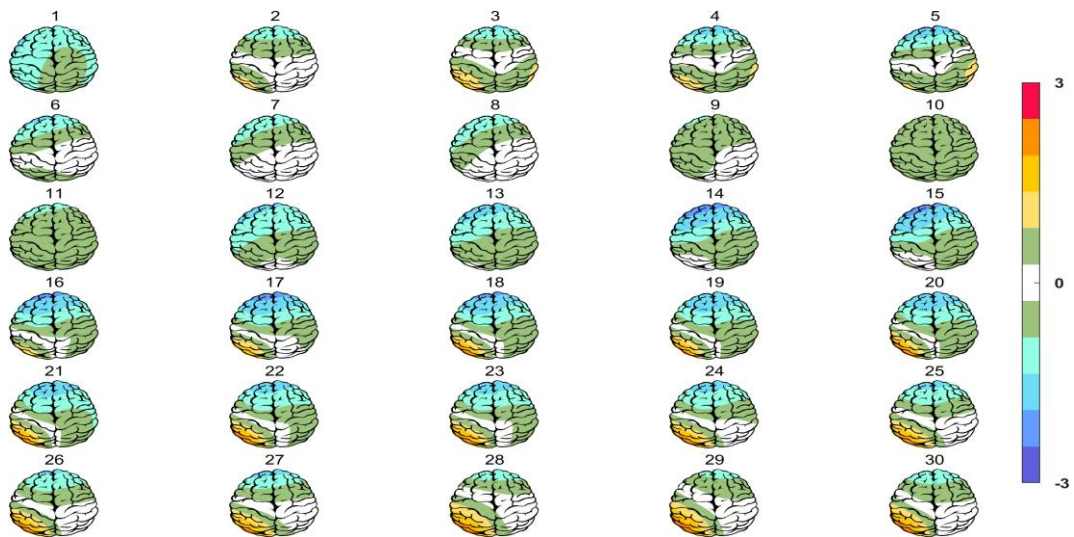
■ Eye Close



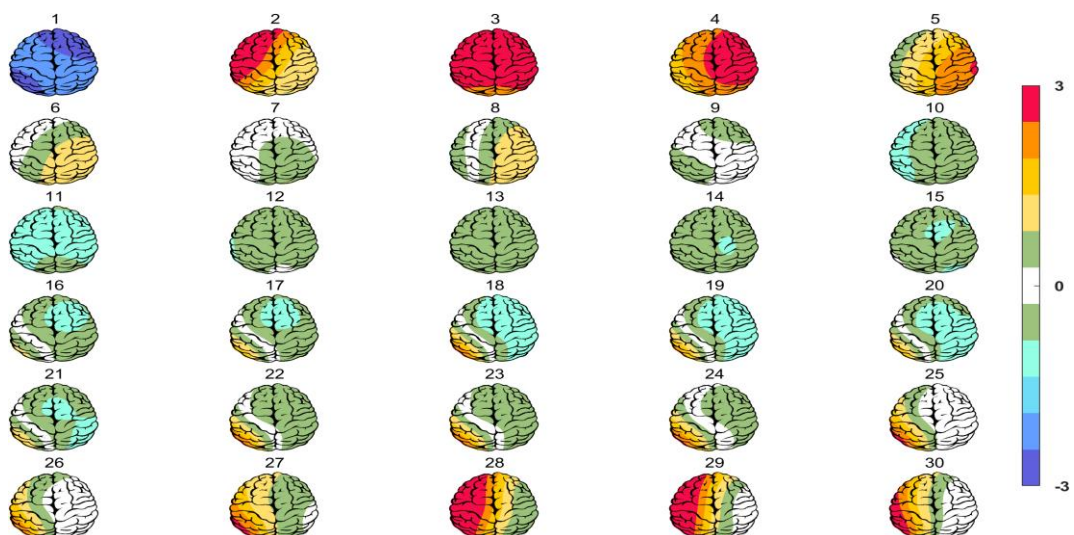
■ Eye Open



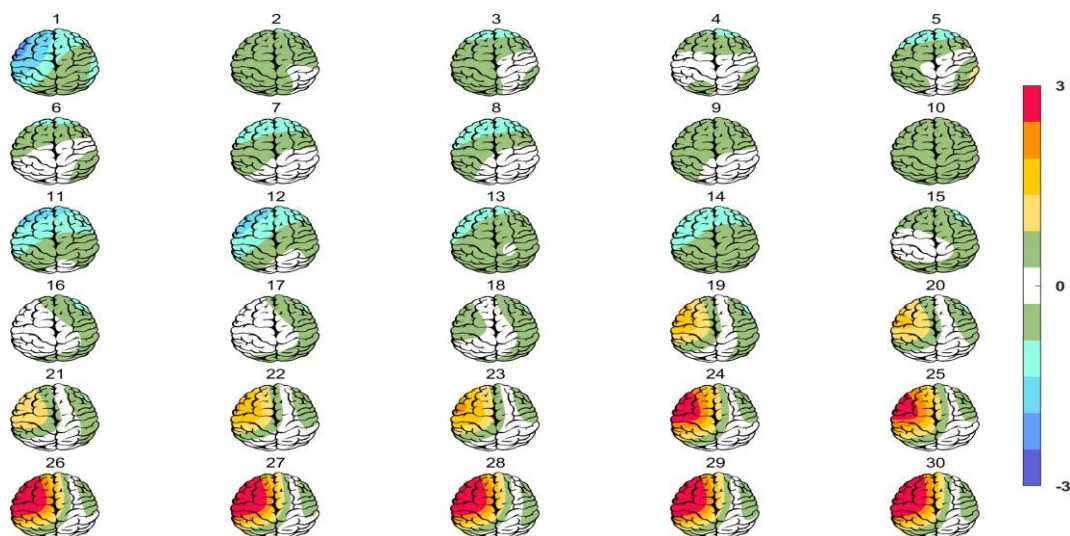
## Absolute Power-Eye Close



## Relative Power-Eye Close



## Absolute Power-Eye Open



## Relative Power-Eye Open

