

QEEG Clinical Report

EEGLens



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

Personal Data:

Name: Amirhesam Jelodary

Gender: Male

Age: 2021-06-04 - 4.5

Handedness: Right

Clinical Data:

Initial diagnosis: ADHD-Attention Deficit

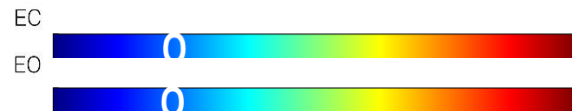
Medication: -

Date of Recording: 2025-10-14

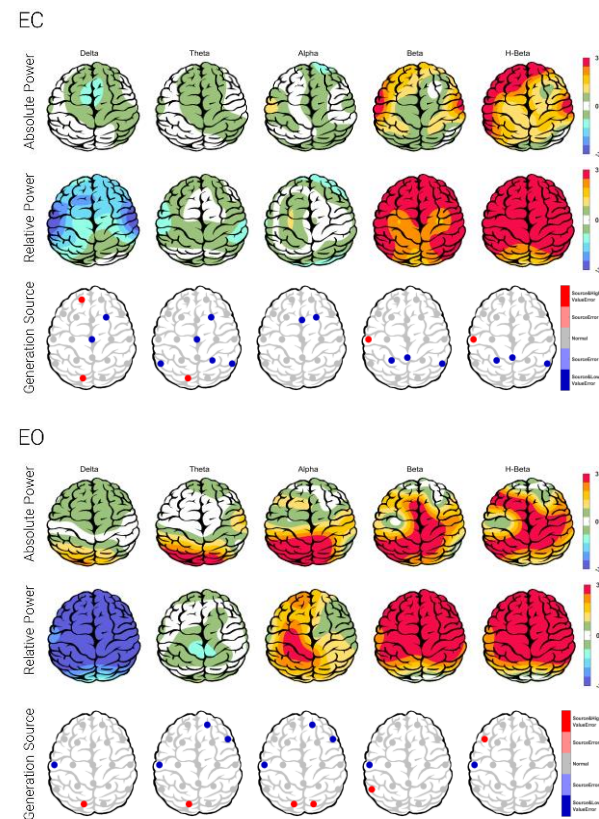
Source of Referral: Dr Sajjadi

This case belongs to Dr Sajjadi

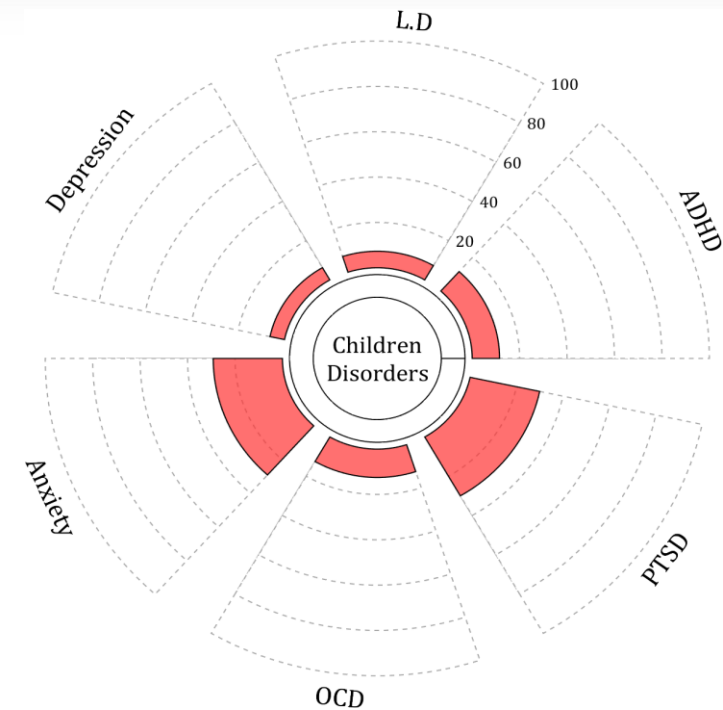
EEG Quality



Z-score Information



Pathological Assessment



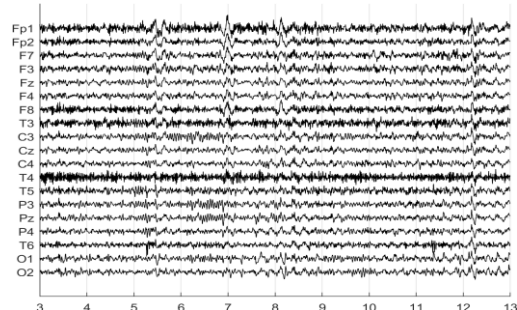
EEG Neuromarker Values

Neuromarker	Region	Value	Assessment
APF - EO	Frontal	09.50	High
AFP - EC	Frontal	10.00	High
APF - EO	Occipital	09.38	High
AFP - EC	Occipital	10.00	High
Arousal Level - EO	-	-	Normal
Arousal Level - EC	-	-	High

Denoising Information

Eye Close

Raw EEG



Rejected Channel



Total Recording Time Remaining:

142.22 sec

Number of Eye and Muscle Elements

Eye: 0

Muscle: 5

Low Artifact Percentage



High Artifact Percentage

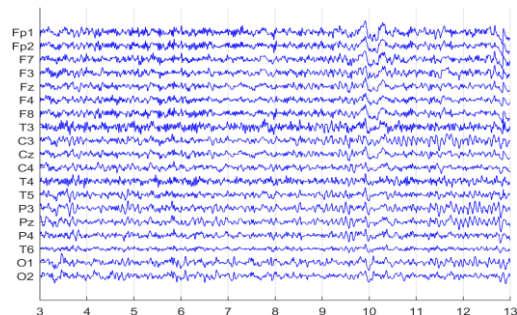


Total Artifact Percentage



EEG Quality: perfect

Denoised EEG

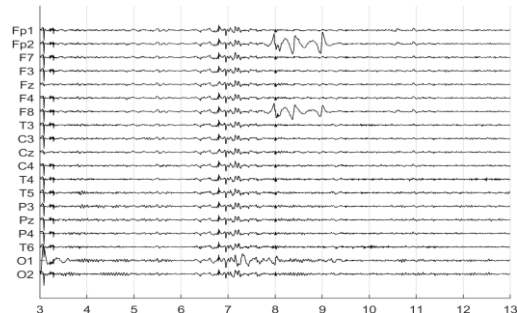


Flat Channel

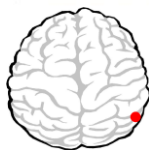


Eye Open

Raw EEG



Rejected Channel



Total Recording Time Remaining:

203.33 sec

Number of Eye and Muscle Elements

Eye: 2

Muscle: 3

Low Artifact Percentage



High Artifact Percentage

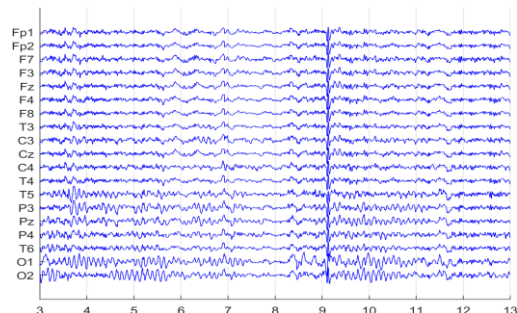


Total Artifact Percentage



EEG Quality: perfect

Denoised EEG

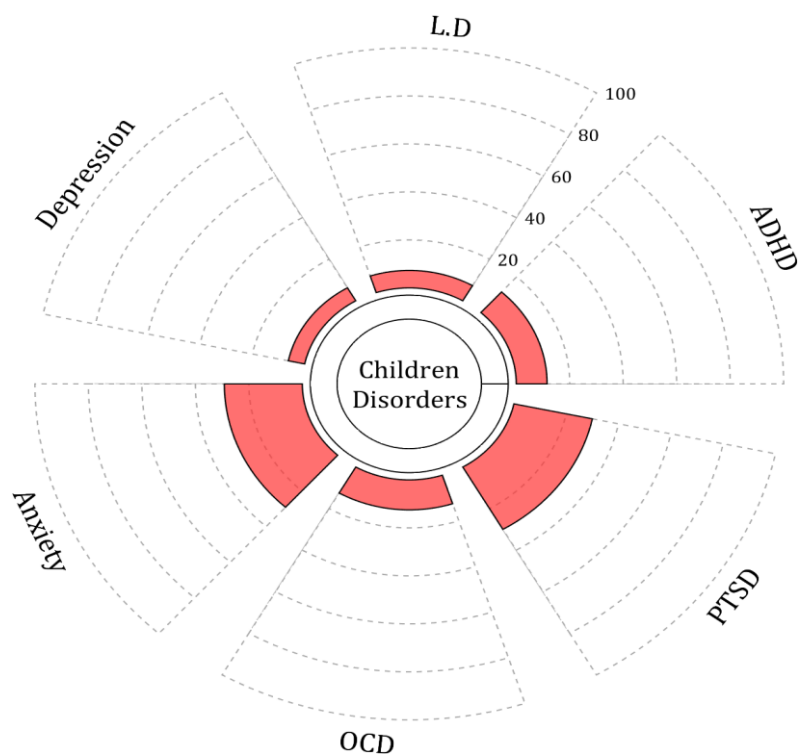


Flat Channel



Pathological Assessment

Main Diagnosis: Children Disorder



ADHD Subtypes

1. Prone to moody behavior and temper tantrums. May respond to stimulants, consider anticonvulsants or clonidine, avoid SSRI.

Description

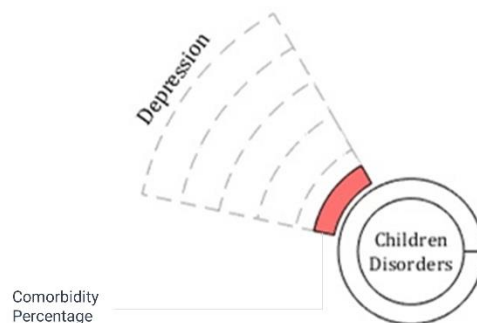
According to the guidelines, psychiatric disorders in children (under 17 years) include *ADHD*, *learning disorder (LD)*, *PTSD*, *OCD*, *depression*, and *anxiety*.

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.

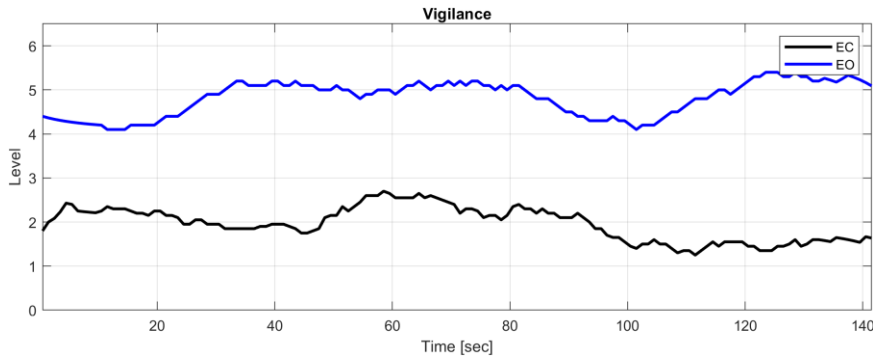
References:

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

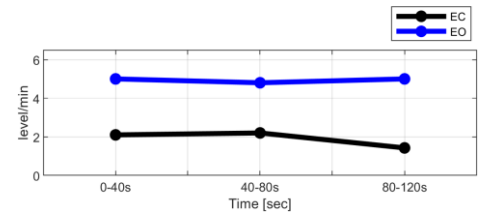


Vigilance Slope

EC:-0.27 **EO:0.12**

2min

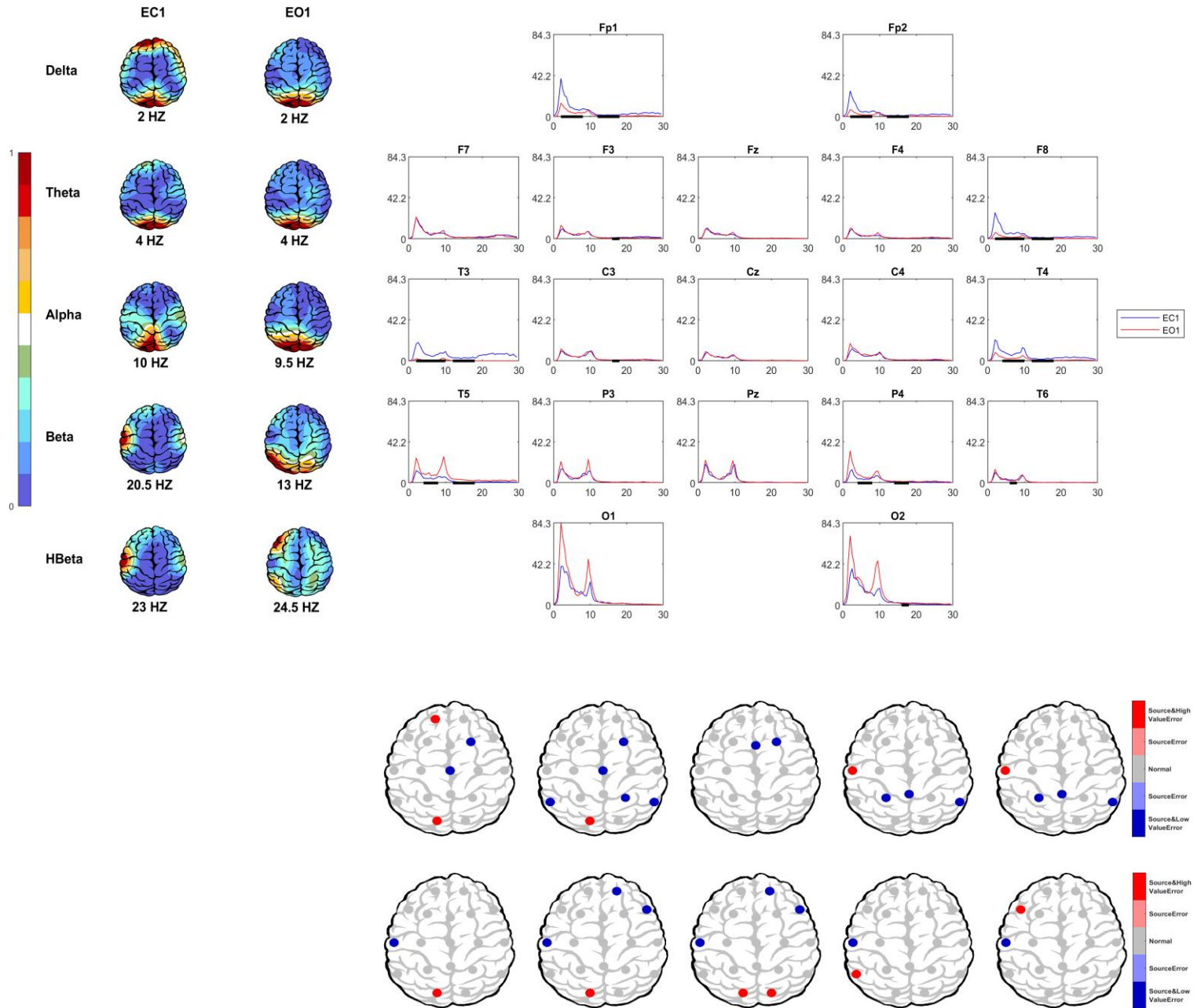
2min



EEG Neuromarker Values

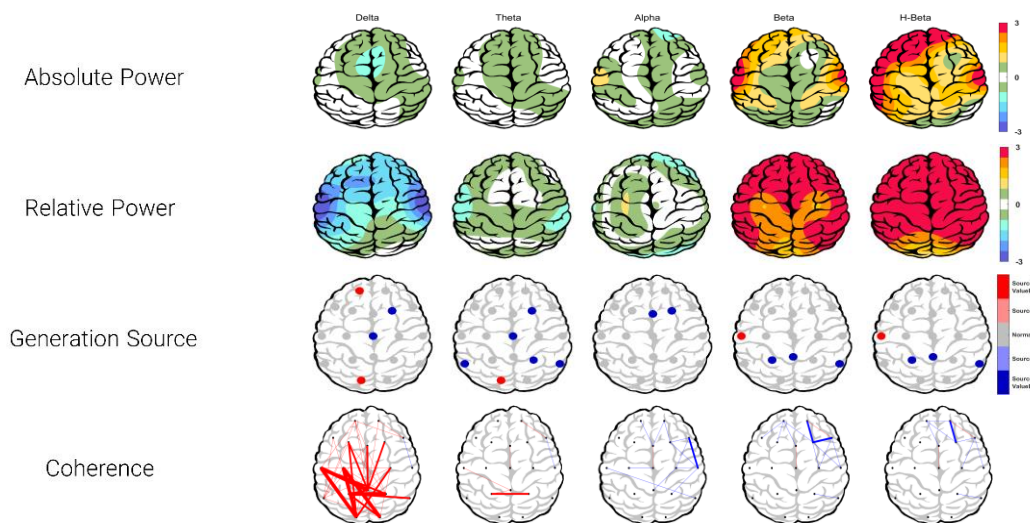
Neuromarker	Region	Value	Assessment
APF - EO	Frontal	09.50	High
APF - EC	Frontal	10.00	High
APF - EO	Occipital	09.38	High
APF - EC	Occipital	10.00	High
Alpha Asymmetry - EO	Frontal	00.14	Anxiety
Alpha Asymmetry - EC	Frontal	00.32	Anxiety
Alpha Asymmetry - EO	Occipital	-0.20	Anhedonia
Alpha Asymmetry - EC	Occipital	-0.01	Anhedonia
Beta Asymmetry - EO	Frontal	-0.03	Anxiety
Beta Asymmetry - EC	Frontal	00.34	Anhedonia
Alpha Blocking	O2	-	Observed
Arousal Level - EO	-	-	Normal
Arousal Level - EC	-	-	High
Vigilance Level - EO	-	04.00	Normal
Vigilance Level - EC	-	02.00	Low
Vigilance Mean - EO	-	04.82	Normal
Vigilance Mean - EC	-	01.96	Low
Vigilance Regulation - EO	-	00.12	Normal
Vigilance Regulation - EC	-	-0.27	Normal
Vigilance 0 Stage (%) - EO	-	40.85	Normal
Vigilance 0 Stage (%) - EC	-	00.00	Normal
Vigilance A1 Stage (%) - EO	-	00.00	-
Vigilance A1 Stage (%) - EC	-	02.11	-

EEG Spectra

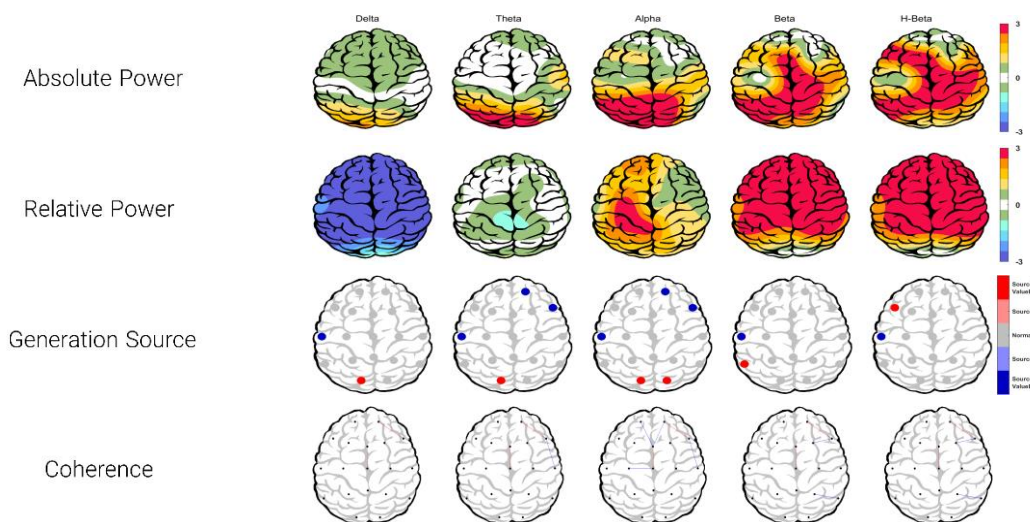


Z Score Summary Information

■ Eye Close

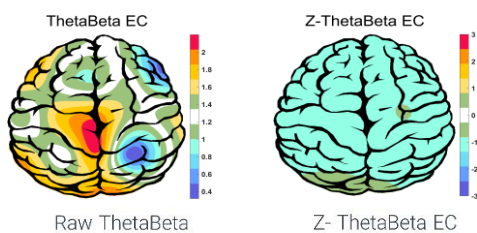


■ Eye Open

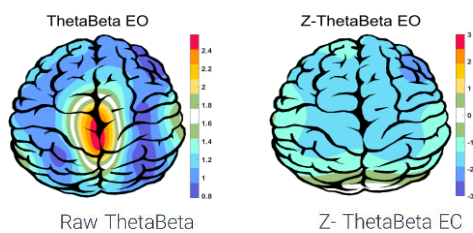


Theta/Beta Ratio

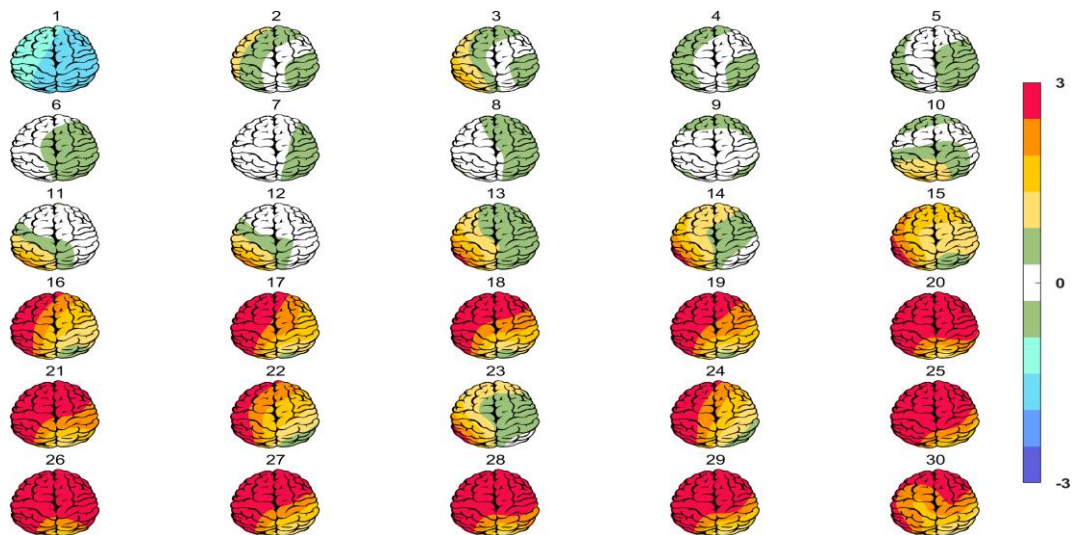
■ Eye Close



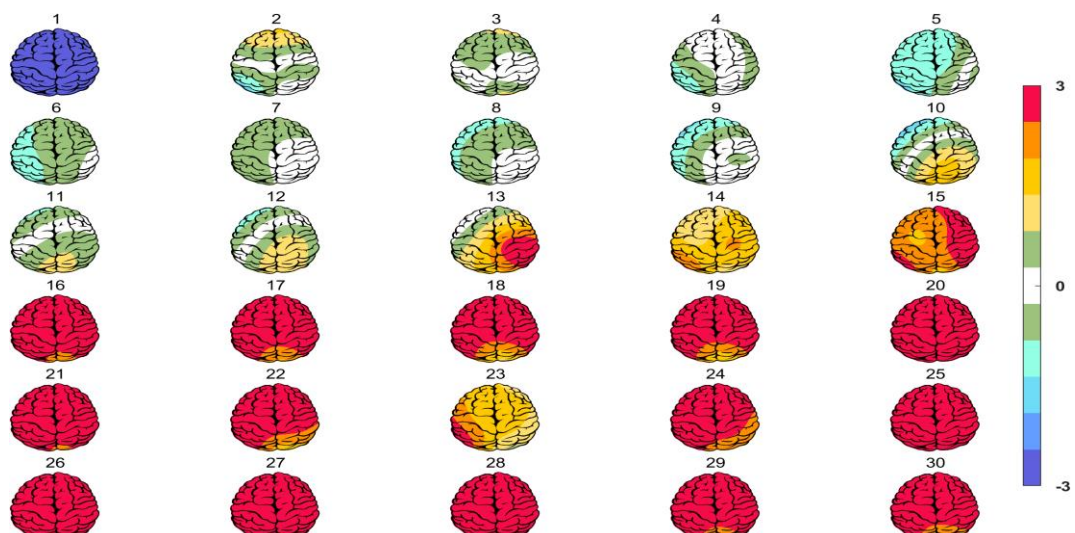
■ Eye Open



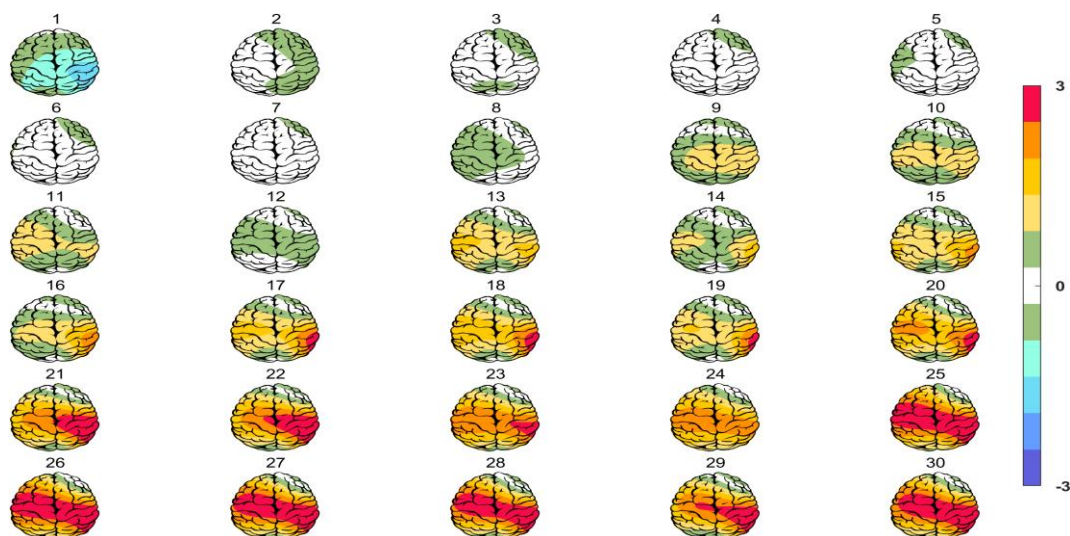
Absolute Power-Eye Close



Relative Power-Eye Close



Absolute Power-Eye Open



Relative Power-Eye Open

