

QEEG Clinical Report

EEGLens



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

Personal Data:

Name: Samyar Ahmadi

Gender: Male

Age: 2020-02-13 - 5.9

Handedness: Right

Clinical Data:

Initial diagnosis: Anoxia-Attention Deficit-Hyper Activity

Medication: Aripiprazole

Date of Recording: 2025-10-22

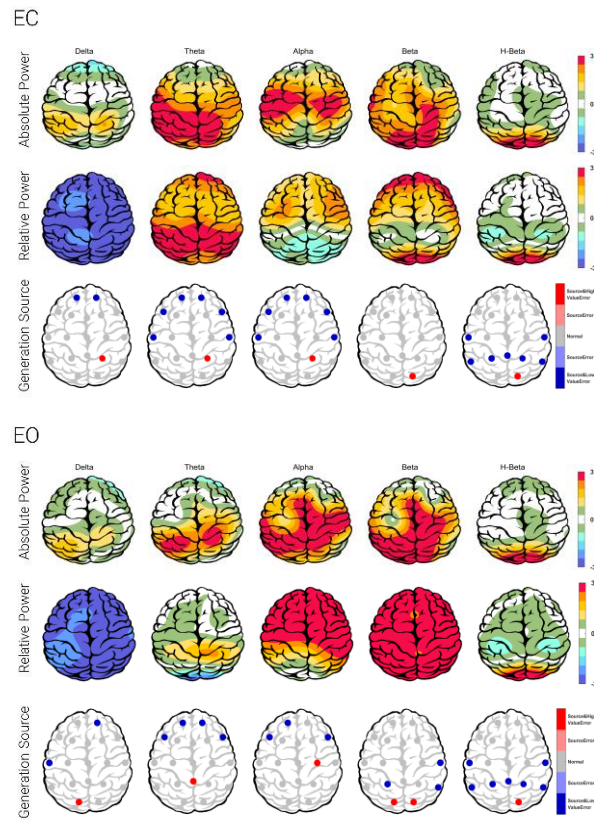
Source of Referral: Ms Aliakbari

This case belongs to **Ms Aliakbari**

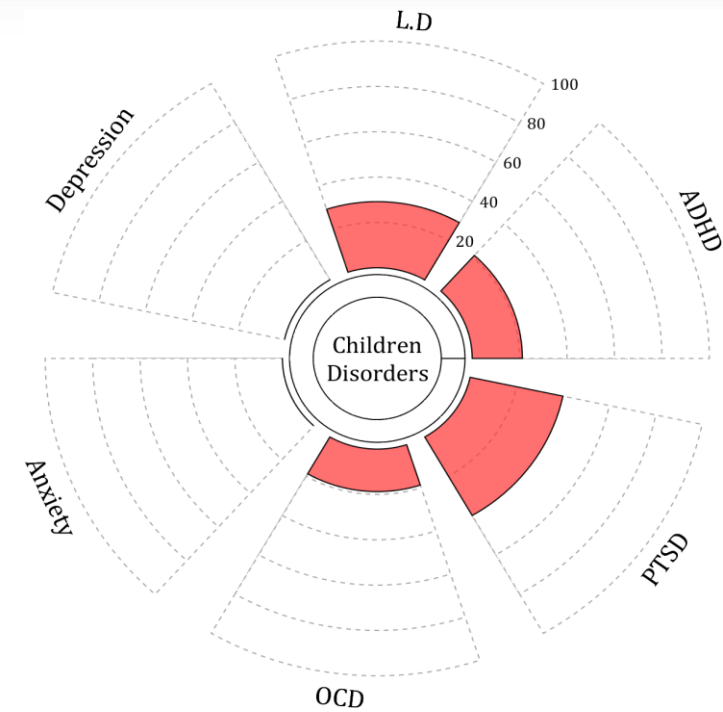
EEG Quality



Z-score Information



Pathological Assessment



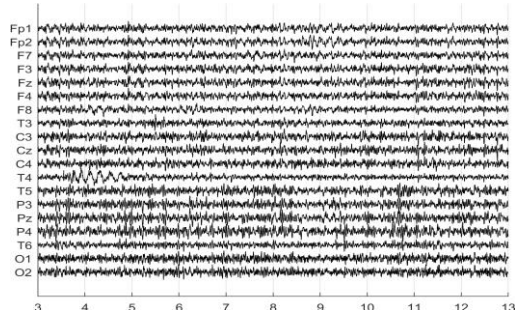
EEG Neuromarker Values

Neuromarker	Region	Value	Assessment
APF - EO	Frontal	09.25	High
AFP - EC	Frontal	09.08	High
APF - EO	Occipital	12.50	High
AFP - EC	Occipital	08.38	Normal
Arousal Level - EO	-	-	Normal
Arousal Level - EC	-	-	Normal

Denoising Information

Eye Close

Raw EEG



Rejected Channel



Total Recording Time Remaining:

225.76 sec

Number of Eye and Muscle Elements

Eye: 1

Muscle: 0

Low Artifact Percentage



High Artifact Percentage

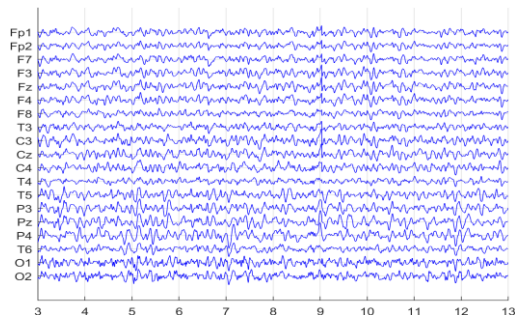


Total Artifact Percentage



EEG Quality: perfect

Denoised EEG

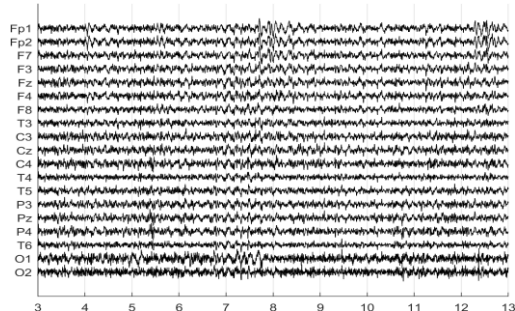


Flat Channel



Eye Open

Raw EEG



Rejected Channel



Total Recording Time Remaining:

222.59 sec

Number of Eye and Muscle Elements

Eye: 2

Muscle: 0

Low Artifact Percentage



High Artifact Percentage

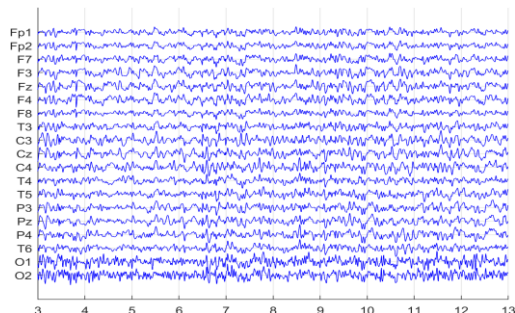


Total Artifact Percentage



EEG Quality: perfect

Denoised EEG

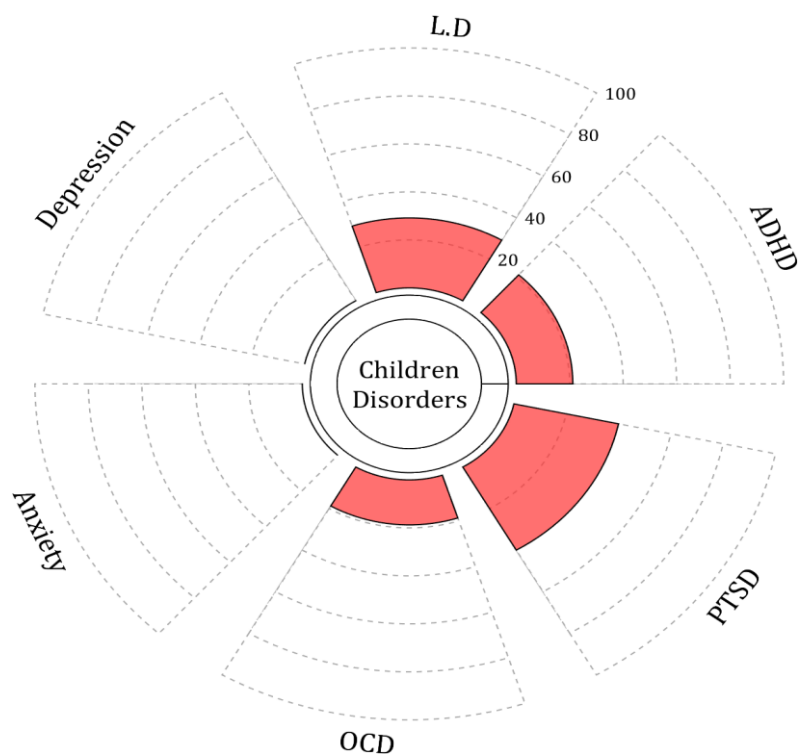


Flat Channel



Pathological Assessment

Main Diagnosis: Children Disorder



ADHD Subtypes

1. Mostly inattentive and hyper-active prevalence. Well respond to amphetamine-type stimulants and neurofeedback.

Description

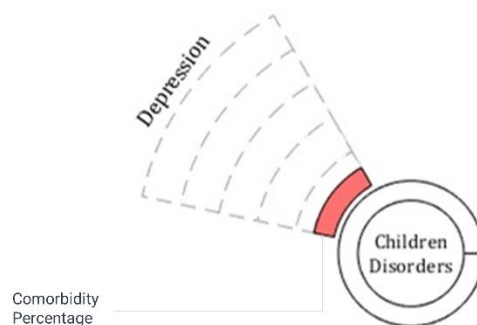
According to the guidelines, psychiatric disorders in children (under 17 years) include *ADHD*, *learning disorder (LD)*, *PTSD*, *OCD*, *depression*, and *anxiety*.

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.

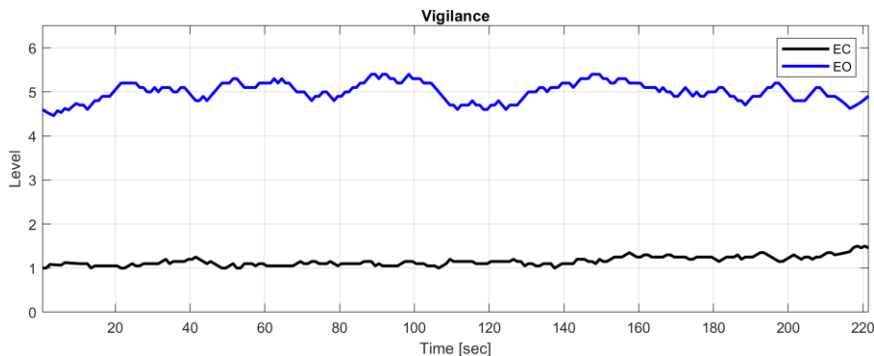
References:

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



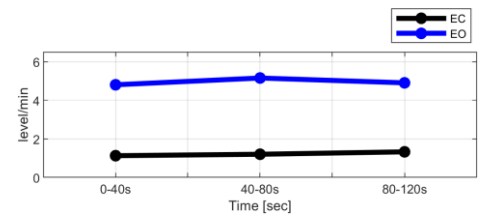
Vigilance Slope

EC:0.04

2min

EO:0.04

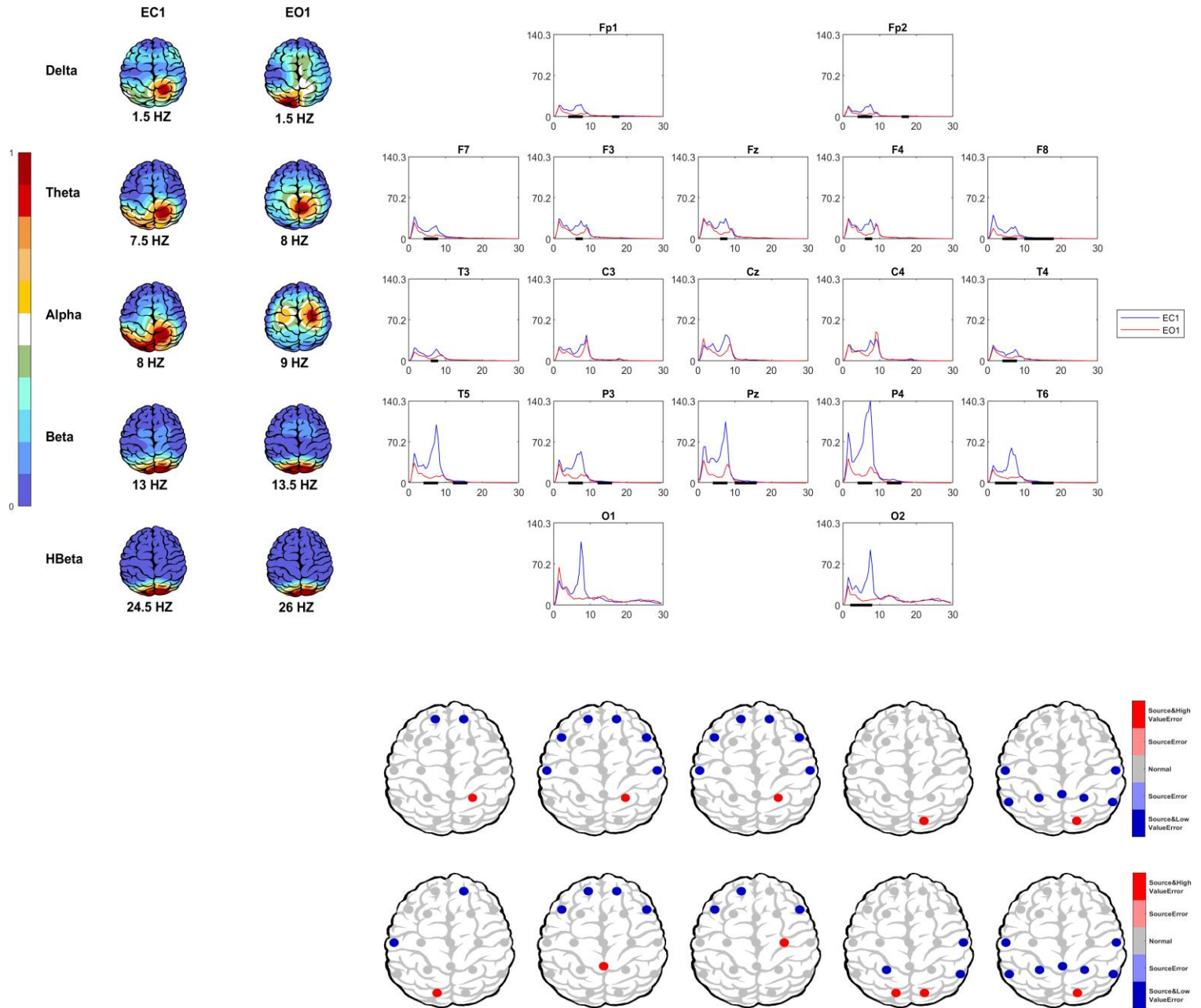
2min



EEG Neuromarker Values

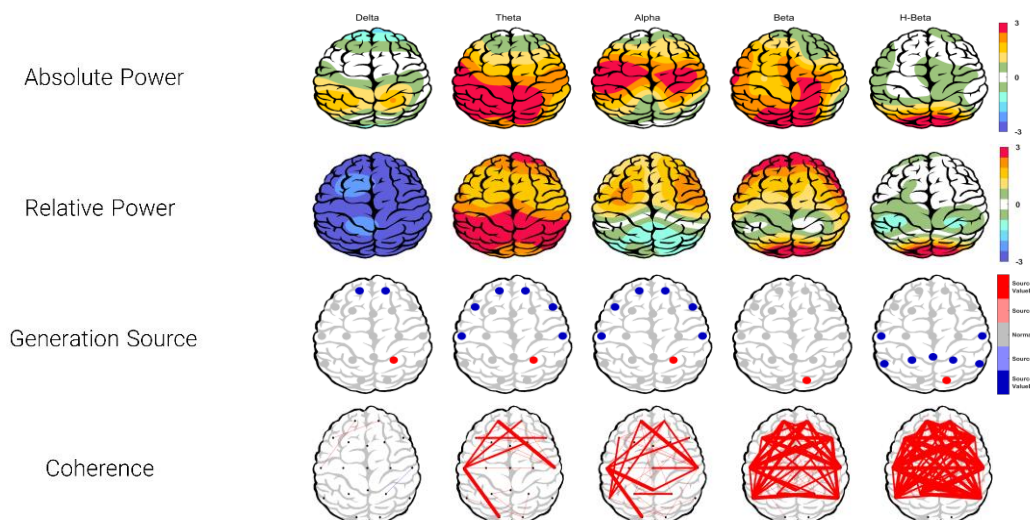
Neuromarker	Region	Value	Assessment
APF - EO	Frontal	09.25	High
APF - EC	Frontal	09.08	High
APF - EO	Occipital	12.50	High
APF - EC	Occipital	08.38	Normal
Alpha Asymmetry - EO	Frontal	-0.04	Anhedonia
Alpha Asymmetry - EC	Frontal	00.00	Anxiety
Alpha Asymmetry - EO	Occipital	-0.03	Anhedonia
Alpha Asymmetry - EC	Occipital	00.02	Anxiety
Beta Asymmetry - EO	Frontal	00.05	Anhedonia
Beta Asymmetry - EC	Frontal	00.04	Anhedonia
Alpha Blocking	O2	-	Observed
Arousal Level - EO	-	-	Normal
Arousal Level - EC	-	-	Normal
Vigilance Level - EO	-	06.00	Normal
Vigilance Level - EC	-	01.00	Low
Vigilance Mean - EO	-	05.01	Normal
Vigilance Mean - EC	-	01.16	Low
Vigilance Regulation - EO	-	00.04	Normal
Vigilance Regulation - EC	-	00.04	Normal
Vigilance 0 Stage (%) - EO	-	50.45	Normal
Vigilance 0 Stage (%) - EC	-	00.00	Normal
Vigilance A1 Stage (%) - EO	-	00.00	-
Vigilance A1 Stage (%) - EC	-	00.00	-

EEG Spectra

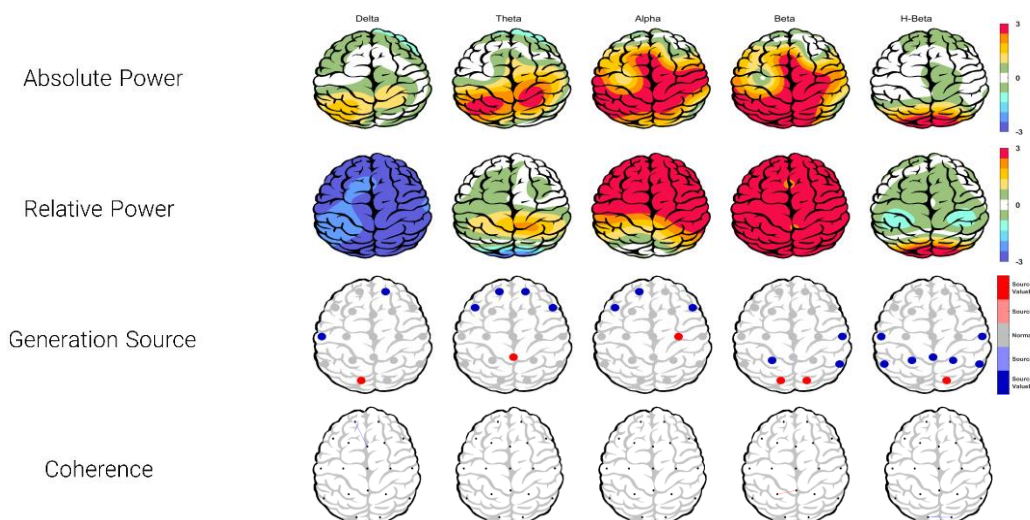


Z Score Summary Information

Eye Close

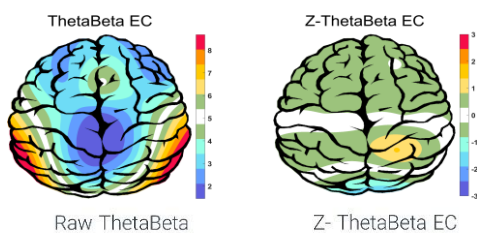


Eye Open

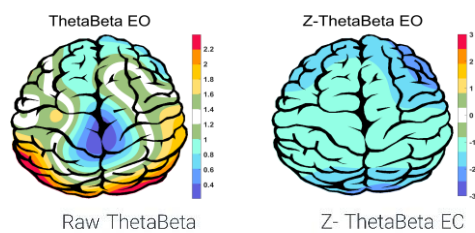


Theta/Beta Ratio

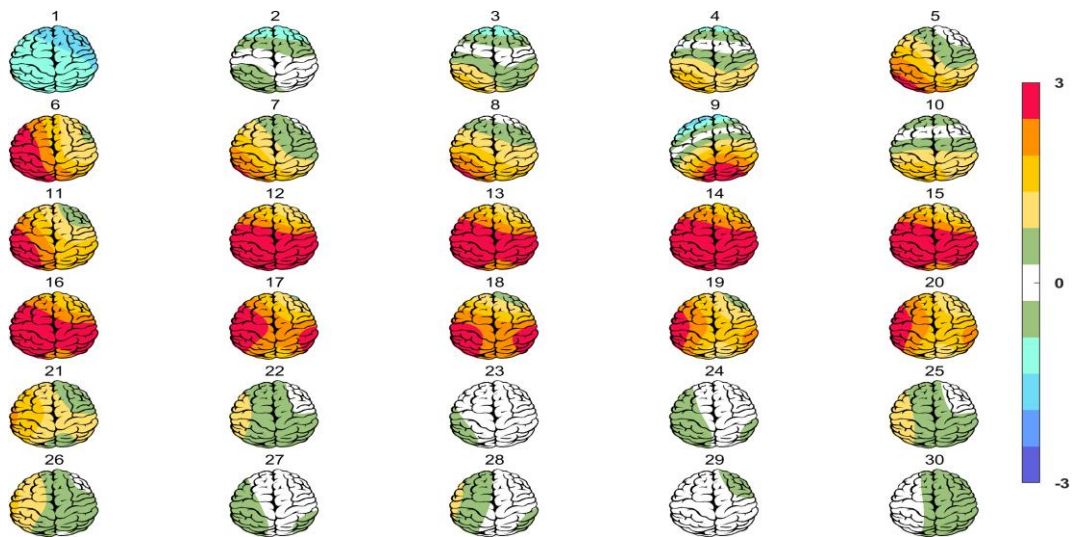
Eye Close



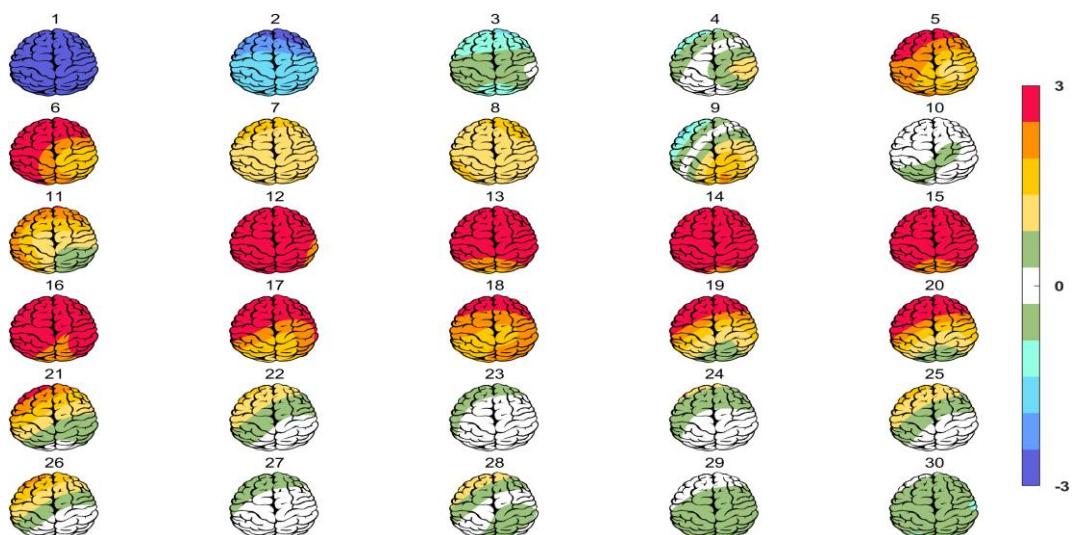
Eye Open



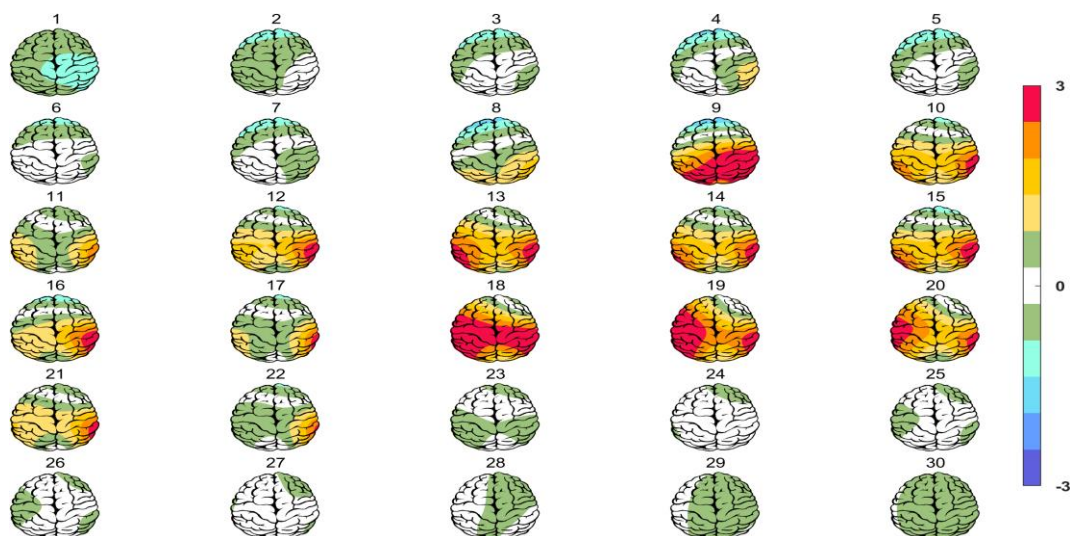
Absolute Power-Eye Close



Relative Power-Eye Close



Absolute Power-Eye Open



Relative Power-Eye Open

