QEEG Clinical Report

EEGLens

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

Personal Data:

Name: Alyaa
Gender: Female
Age: 2019-10-24 - 6.2
Handedness: Right

Clinical Data:

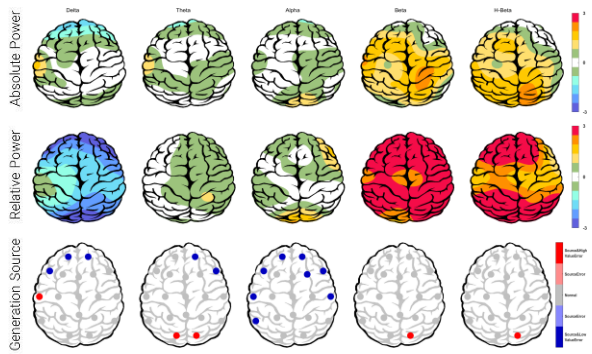
Initial diagnosis: ADHD-Autism
Medication: -
Date of Recording: 2025-10-12
Source of Referral: Ms Rezaei

This case belongs to Ms Rezaei

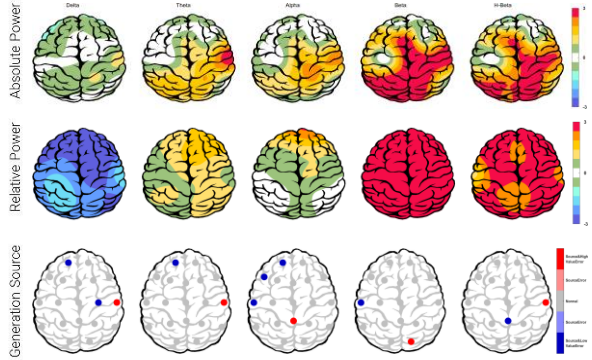
EEG Quality

Z-score Information

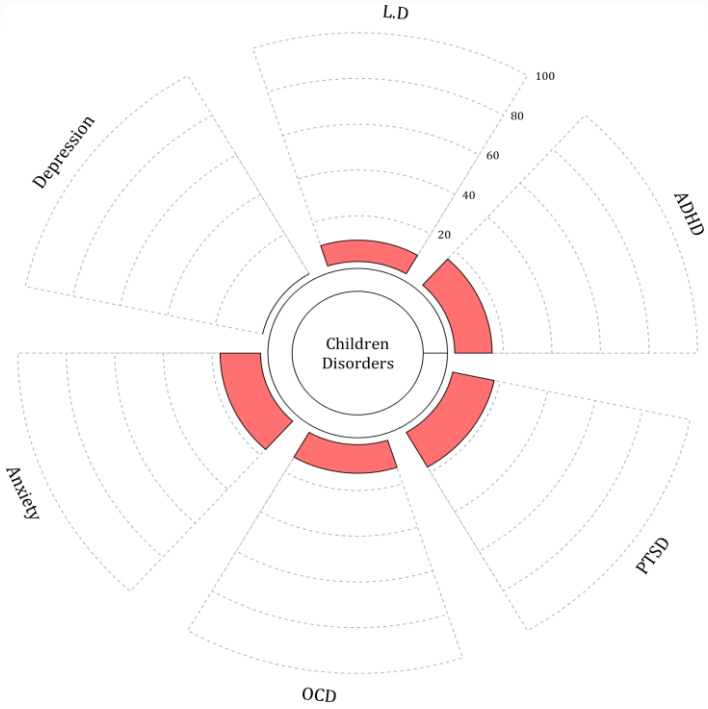
EC



EO



Pathological Assessment



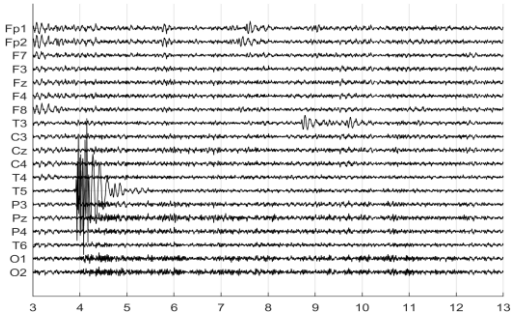
EEG Neuromarker Values

Neuromarker	Region	Value	Assessment
APF - EO	Frontal	09.25	High
AFP - EC	Frontal	09.25	High
APF - EO	Occipital	09.50	High
AFP - EC	Occipital	09.25	High
Arousal Level - EO	-	-	Normal
Arousal Level - EC	-	-	Normal

Denoising Information

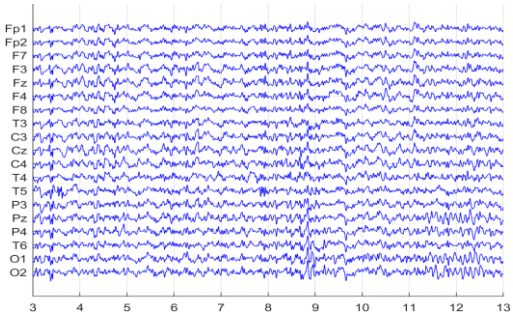
Eye Close

Raw EEG



Rejected Channel

Denoised EEG



Flat Channel

Total Recording Time Remaining:
81.99 sec

Number of Eye and Muscle Elements
Eye: 4
Muscle: 0

Low Artifact Percentage

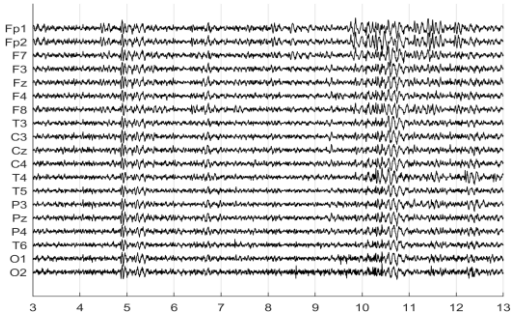
High Artifact Percentage

Total Artifact Percentage

EEG Quality: good

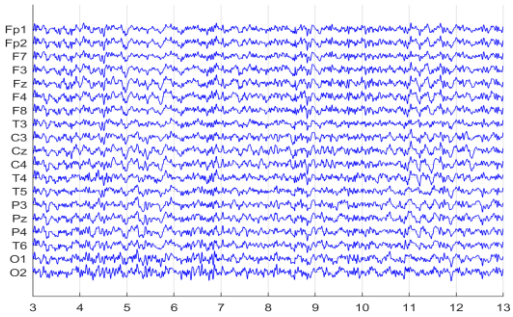
Eye Open

Raw EEG



Rejected Channel

Denoised EEG



Flat Channel

Total Recording Time Remaining:
212.62 sec

Number of Eye and Muscle Elements
Eye: 3
Muscle: 0

Low Artifact Percentage

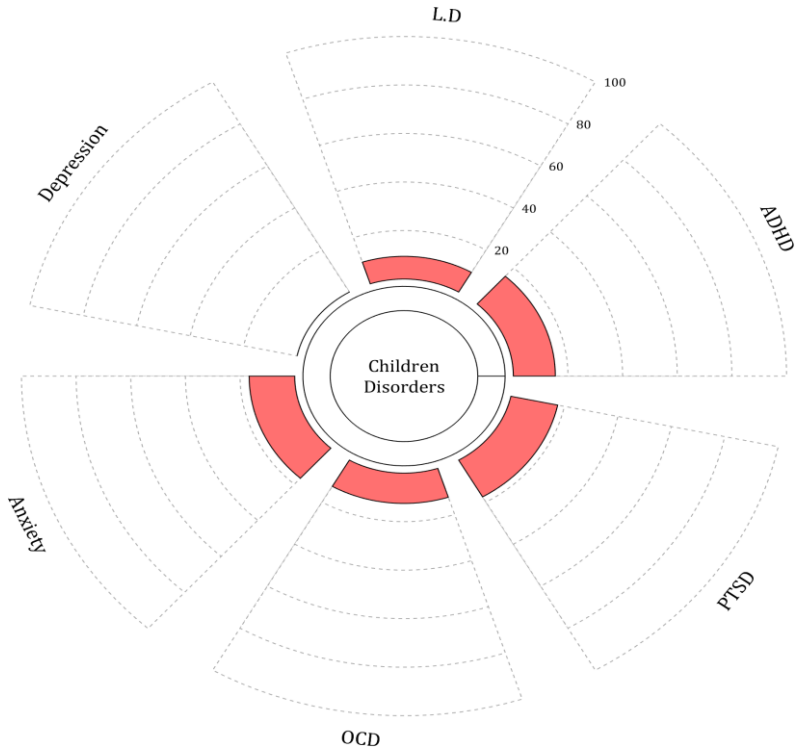
High Artifact Percentage

Total Artifact Percentage

EEG Quality: perfect

Pathological Assessment

Main Diagnosis: Children Disorder



ADHD Subtypes

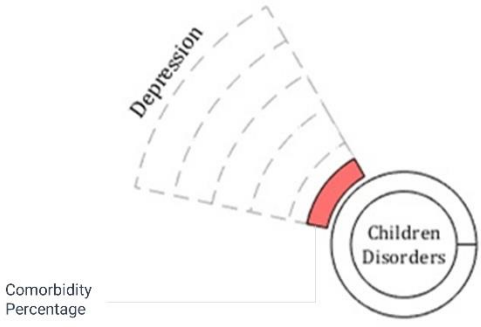
1. Prone to moody behavior and temper tantrums and may have affective regulatory dysfunction. May respond to stimulants.

Description

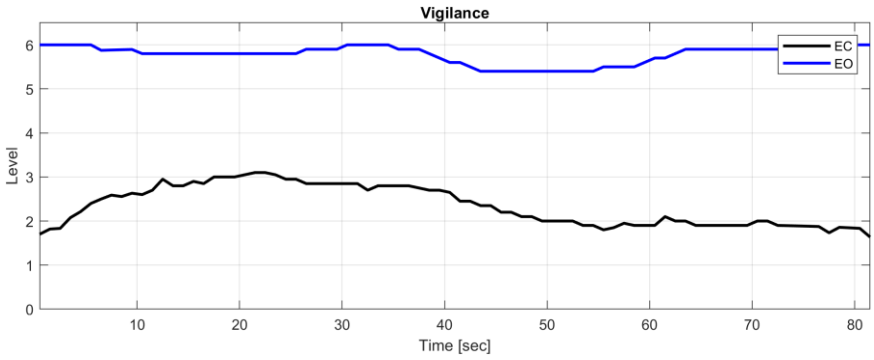
According to the guidelines, psychiatric disorders in children (under 17 years) include *ADHD, learning disorder (LD), PTSD, OCD, depression, and anxiety.* In the above graph, the red area shows the percentage of each disorder from your patient's EEG markers. Observe that each disorder marker is not 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



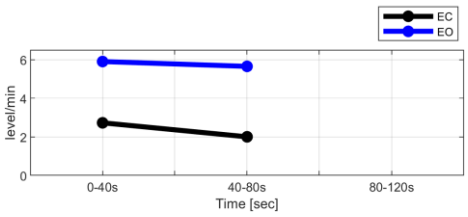
Vigilance



Vigilance Slope

EC:-0.72 2min

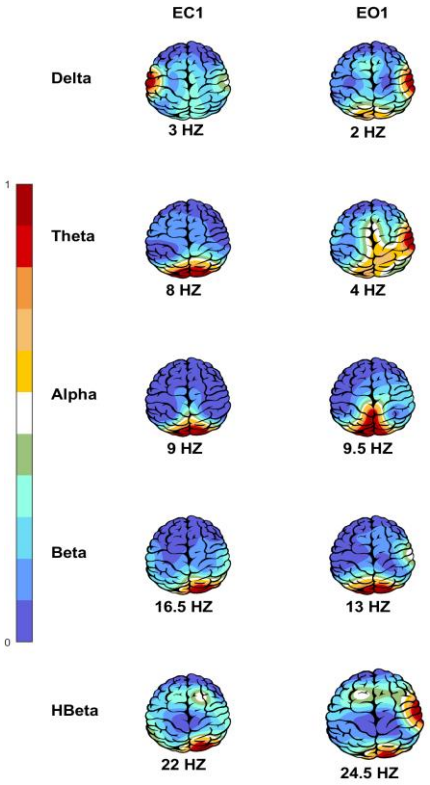
EO:-0.07 2min

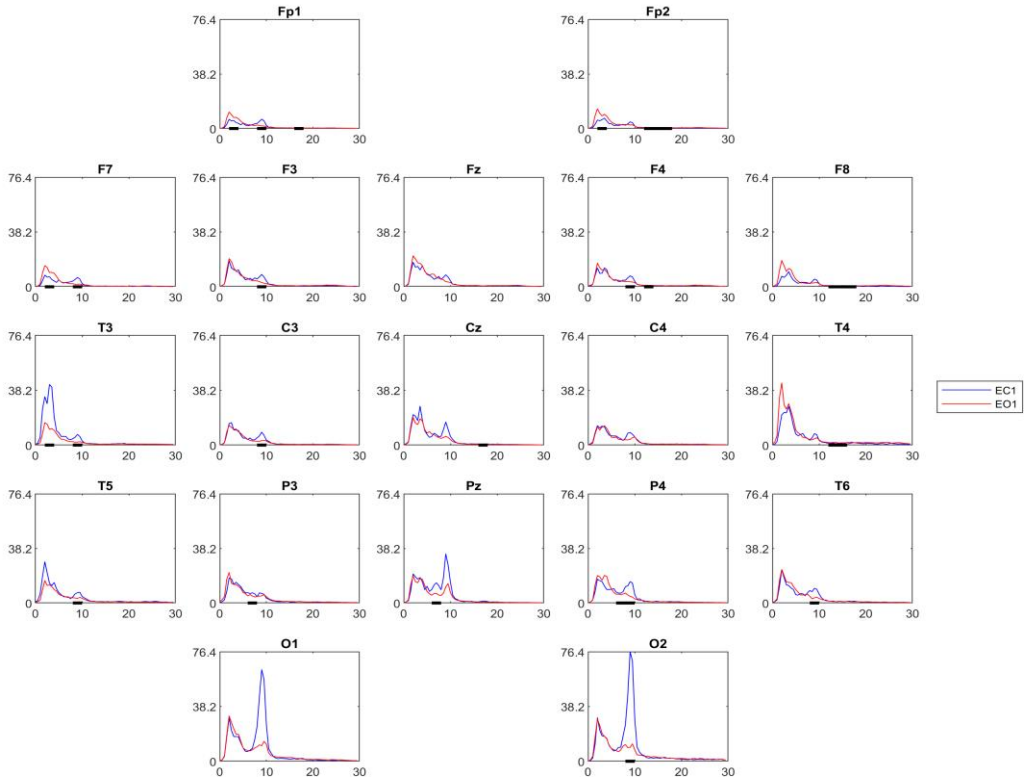


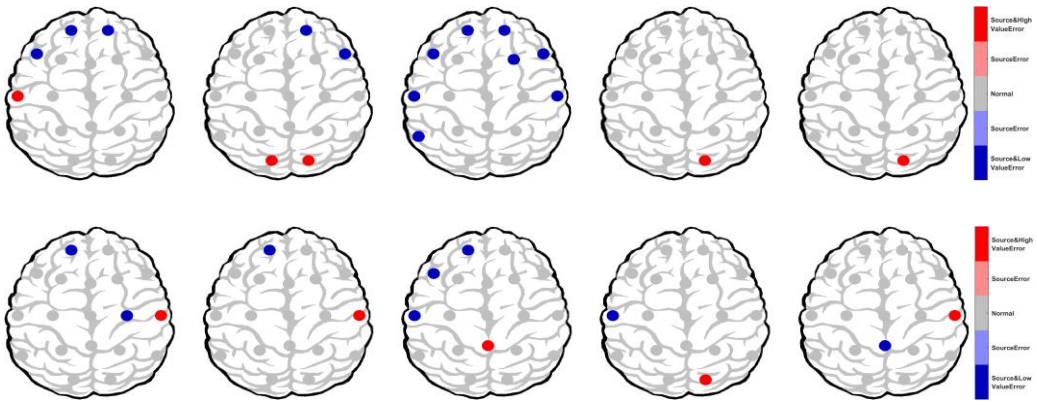
EEG Neuromarker Values

Neuromarker	Region	Value	Assessment
APF - EO	Frontal	09.25	High
AFP - EC	Frontal	09.25	High
APF - EO	Occipital	09.50	High
AFP - EC	Occipital	09.25	High
Alpha Asymmetry - EO	Frontal	-0.06	Anhedonia
Alpha Asymmetry - EC	Frontal	-0.04	Anhedonia
Alpha Asymmetry - EO	Occipital	-0.01	Anhedonia
Alpha Asymmetry - EC	Occipital	-0.10	Anhedonia
Beta Asymmetry - EO	Frontal	00.03	Anhedonia
Beta Asymmetry - EC	Frontal	-0.03	Anxiety
Alpha Blocking	-	-	Not Observed
Arousal Level - EO	-	-	Normal
Arousal Level - EC	-	-	Normal
Vigilance Level - EO	-	06.00	Normal
Vigilance Level - EC	-	02.00	Low
Vigilance Mean - EO	-	05.78	Normal
Vigilance Mean - EC	-	02.33	Normal
Vigilance Regulation - EO	-	-0.07	Normal
Vigilance Regulation - EC	-	-0.72	Low
Vigilance 0 Stage (%) - EO	-	89.02	High
Vigilance 0 Stage (%) - EC	-	00.00	Normal
Vigilance A1 Stage (%) – EO	-	00.00	-
Vigilance A1 Stage (%) – EC	-	06.10	-

EEG Spectra


EC1
EO1
Delta
3 HZ
2 HZ
Theta
8 HZ
4 HZ
Alpha
9 HZ
9.5 HZ
Beta
16.5 HZ
13 HZ
HBeta
22 HZ
24.5 HZ
1
0

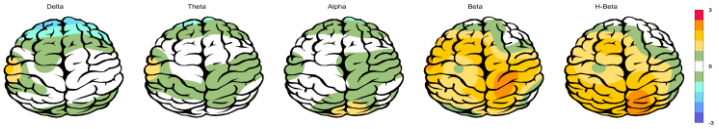

Fp1
Fp2
F7
F3
Fz
F4
F8
T3
C3
Cz
C4
T4
T5
P3
Pz
P4
T6
O1
O2
76.4
38.2
0
10
20
30
EC1
EO1



Z Score Summary Information

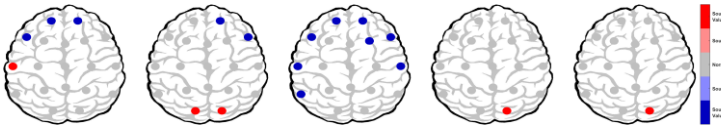
Eye Close

Absolute Power



Relative Power

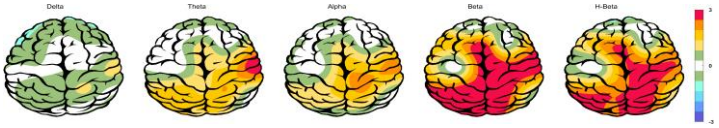
Generation Source



Coherence

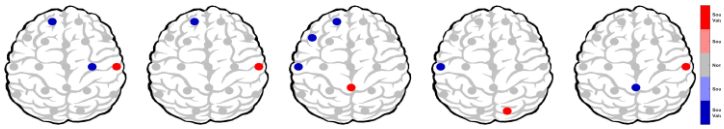
Eye Open

Absolute Power



Relative Power

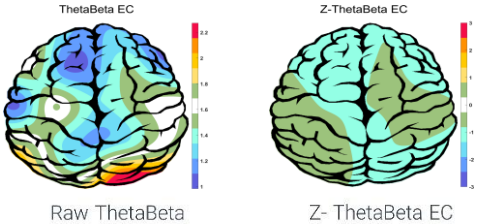
Generation Source



Coherence

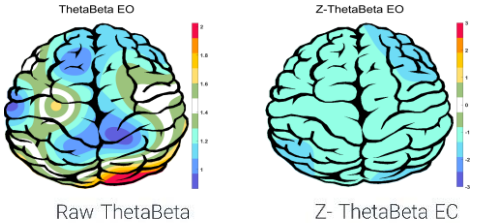
Theta/Beta Ratio

Eye Close



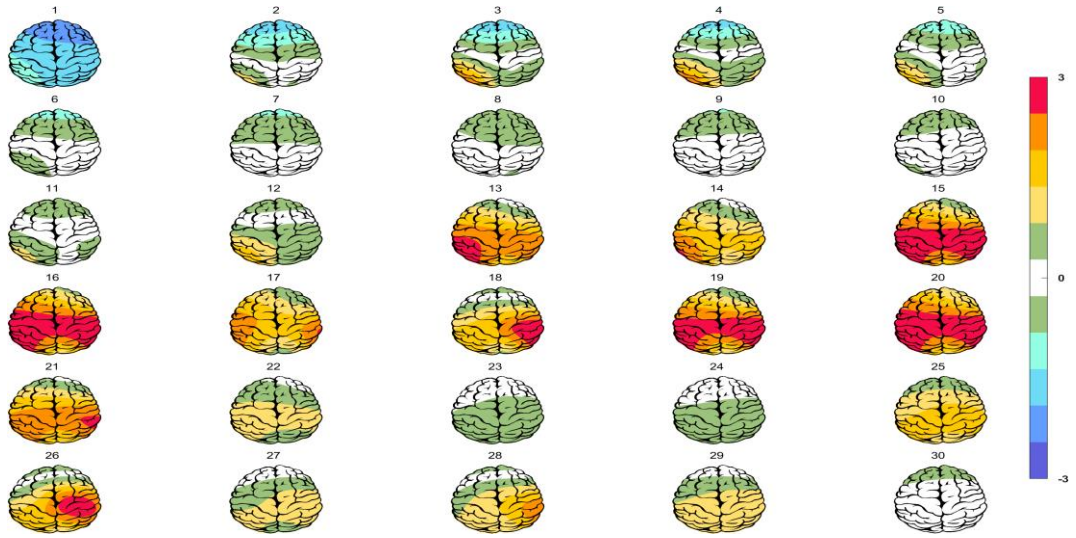
Raw ThetaBeta | Z- ThetaBeta EC

Eye Open

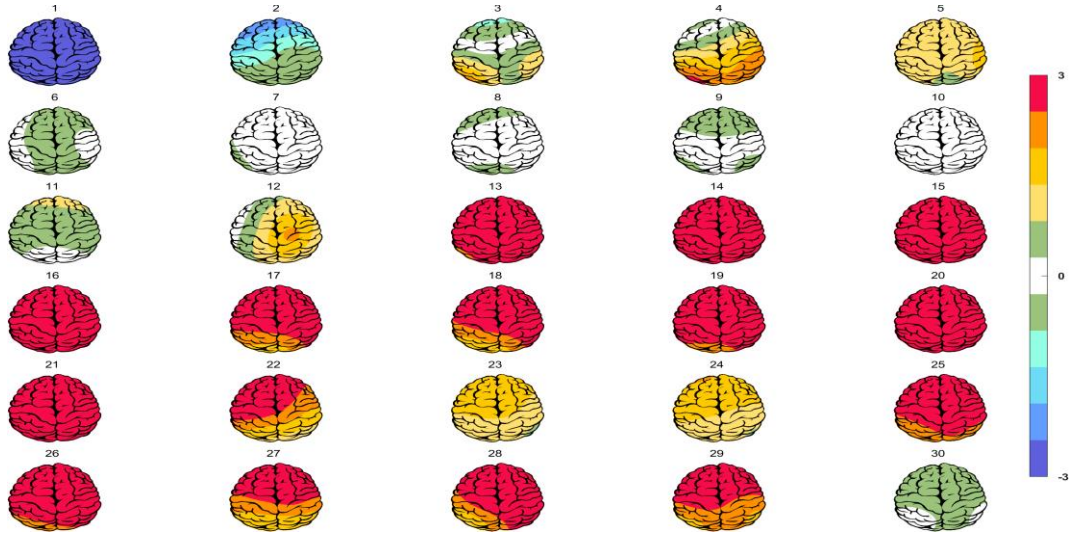


Raw ThetaBeta | Z- ThetaBeta EC

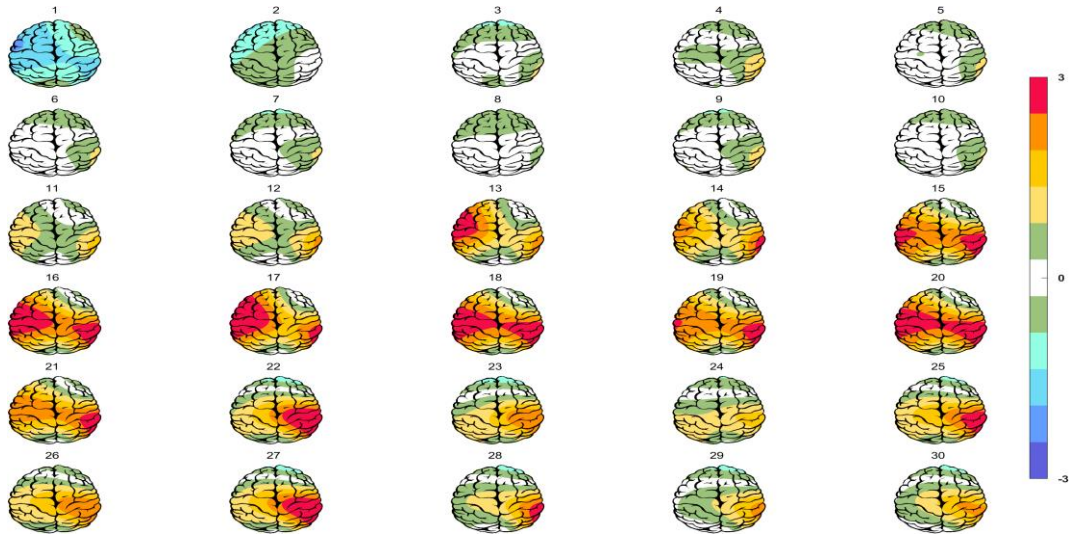
Absolute Power-Eye Close



Relative Power-Eye Close



Absolute Power-Eye Open



Relative Power-Eye Open