

QEEG Clinical Report

EEGLens



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

Personal Data:

Name: Niloofar Razi
Gender: Female
Age: 1990-08-01 - 35.3
Handedness: Right

Clinical Data:

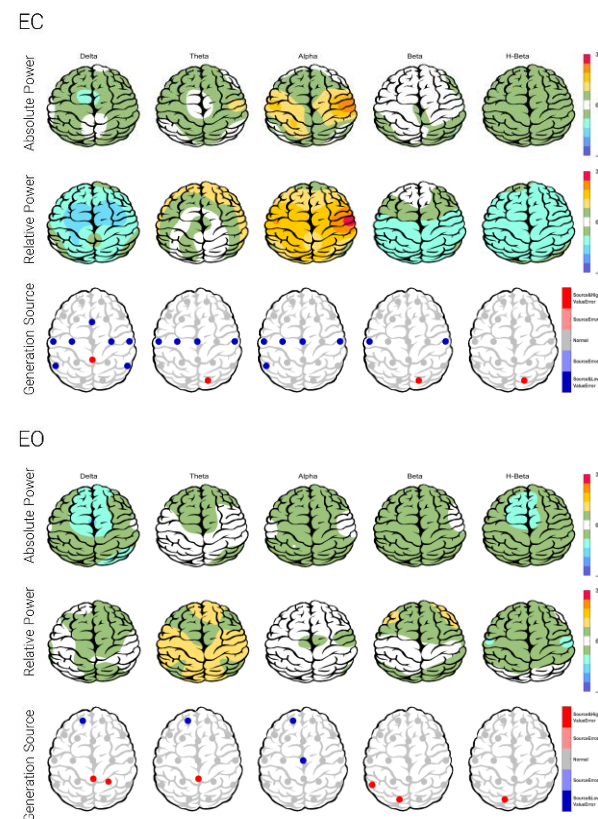
Initial diagnosis: R/O OCD
Medication: Asentra-Clomipramine
Date of Recording: 2025-10-19
Source of Referral: Dr Safavi

This case belongs to Dr Safavi

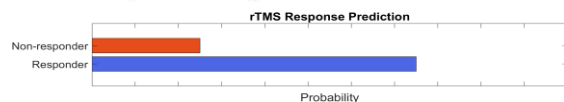
EEG Quality



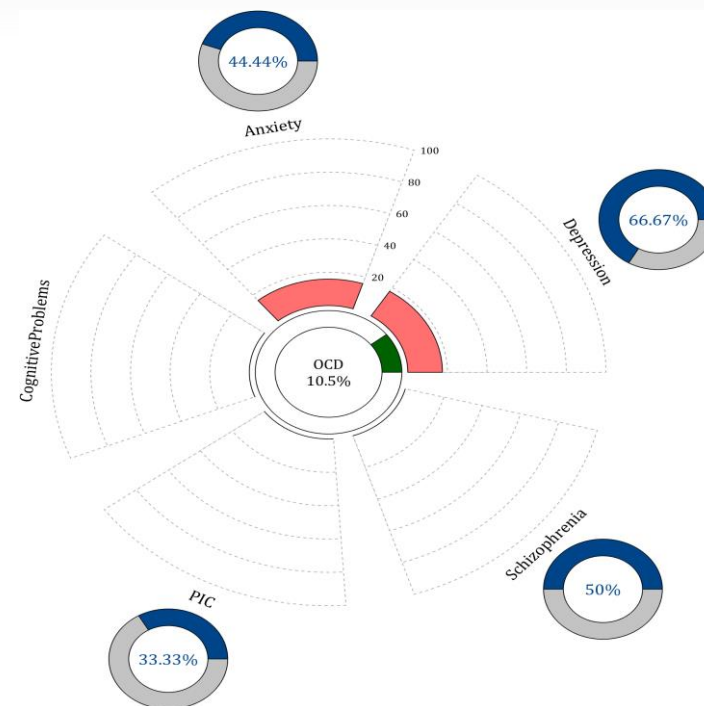
Z-score Information



TMS Responsibility



Pathological Assessment



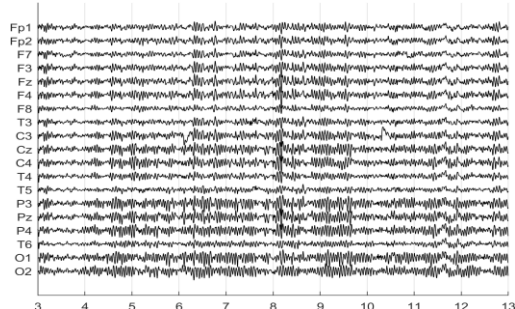
EEG Neuromarker Values

Neuromarker	Region	Value	Assessment
APF - EO	Frontal	11.17	High
AFP - EC	Frontal	09.50	Normal
APF - EO	Occipital	11.12	

Denoising Information

Eye Close

Raw EEG



Rejected Channel



Total Recording Time Remaining:

140.49 sec

Number of Eye and Muscle Elements

Eye: 0

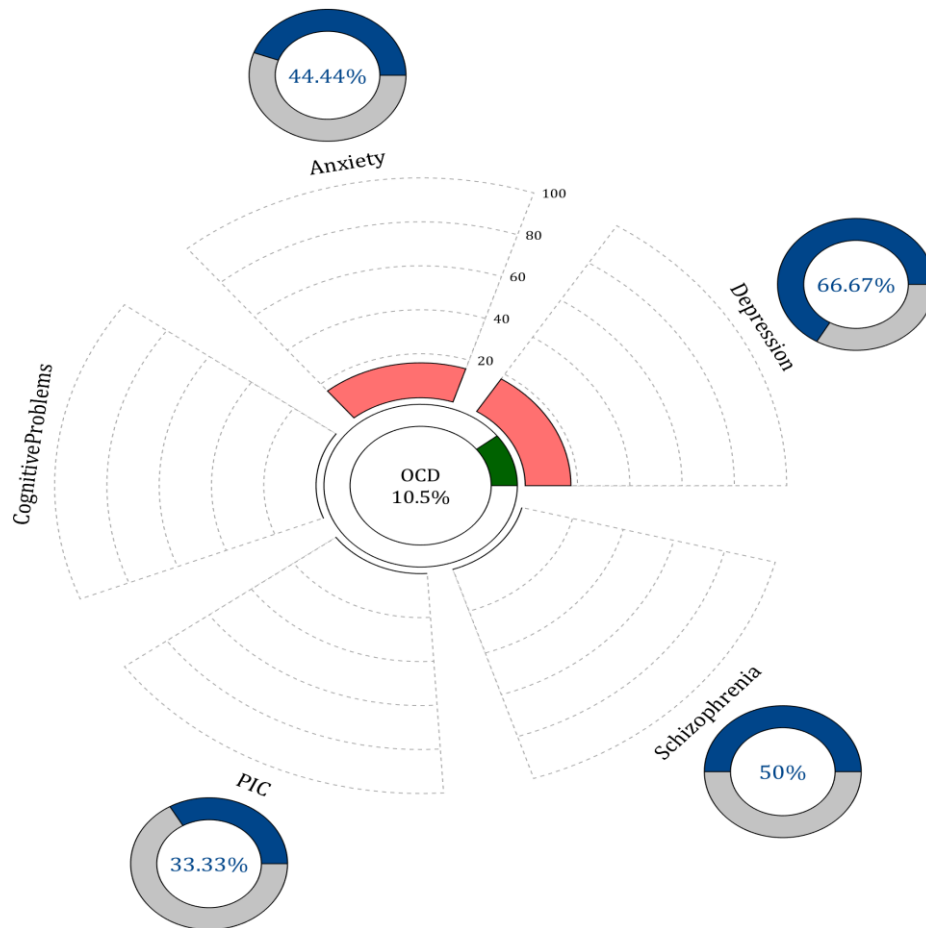
Muscle: 0

Low Artifact Percentage



Pathological Assessment

Main Diagnosis: OCD



Description

According to the guidelines, the initial diagnosis of OCD could have comorbidities such as **alcohol abuse, depression, and anxiety**. It also differentially diagnoses with **anxiety, impulsive control disorder, depression, and schizophrenia**.

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

Side circles in the above graph represent the differential diagnosis between depression and its misdiagnosis conditions based on your patient's EEG markers and trained artificial intelligence. The differential diagnosis probability is represented by the **bold blue bars** in the circles, and the probability of depression is represented by the **gray bars**.

Note:</

rTMS Response Prediction

Network Performance

Accuracy: 92.10%
Sensitivity: 89.13%
Specificity: 97.47%

Participants Information

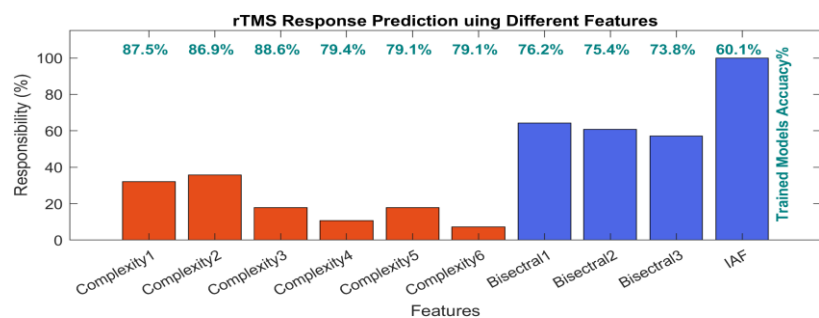
Distribution of Gender



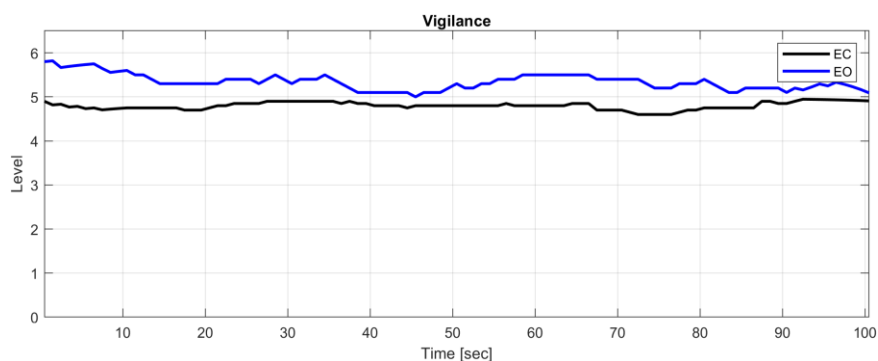
Distribution of Age



Features Information



Vigilance



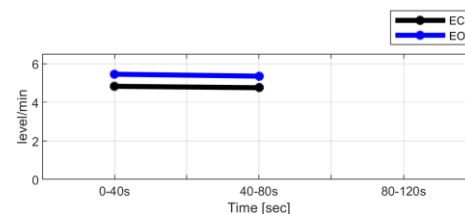
Vigilance Slope

EC:-0.00

2min

EO:-0.20

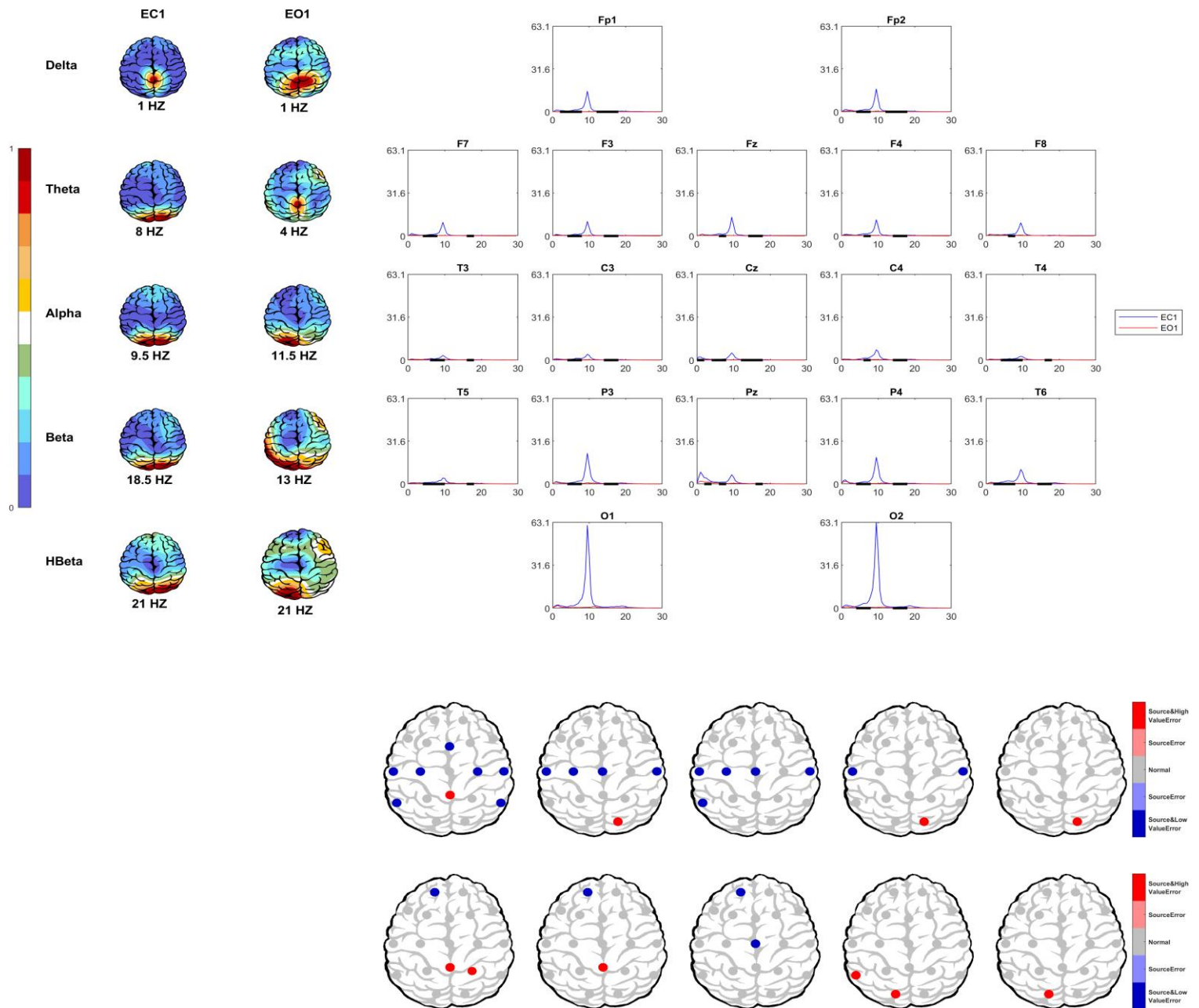
2min



EEG Neuromarker Values

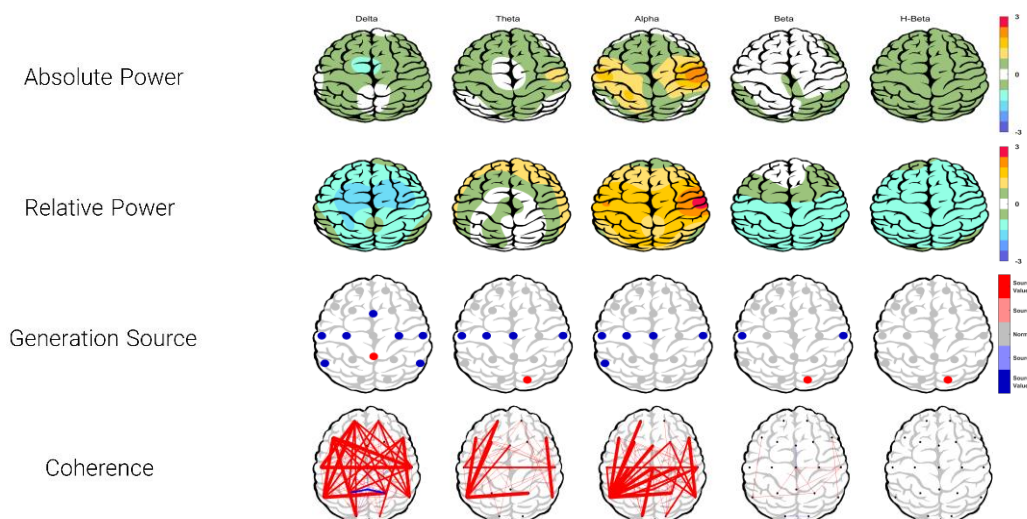
Neuromarker	Region	Value	Assessment
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EEG Spectra

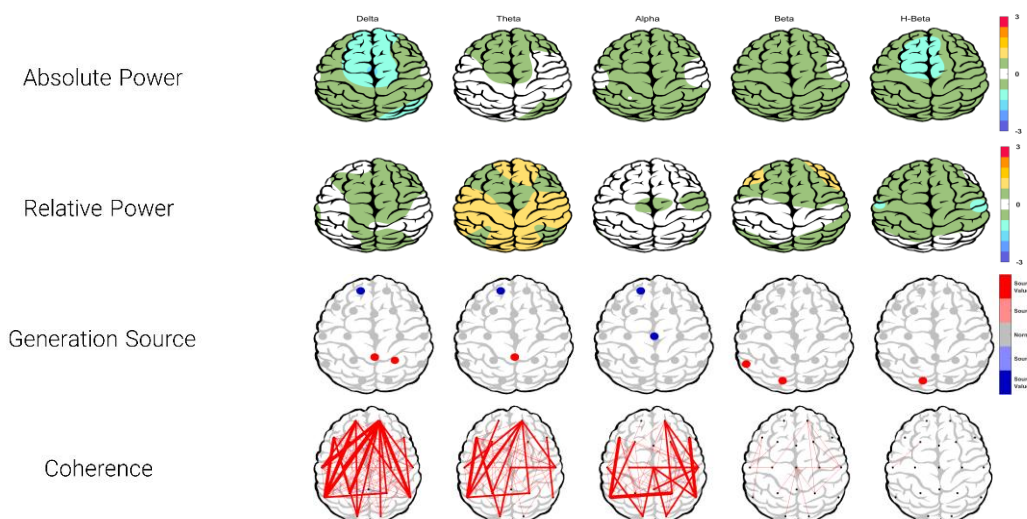


Z Score Summary Information

Eye Close

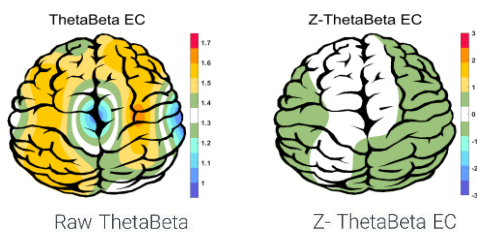


Eye Open

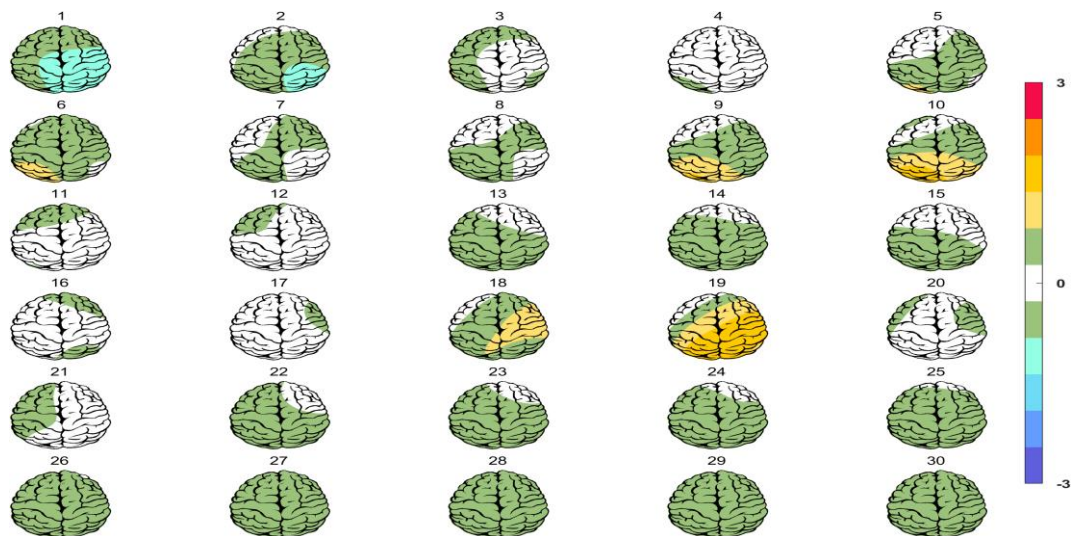


Theta/Beta Ratio

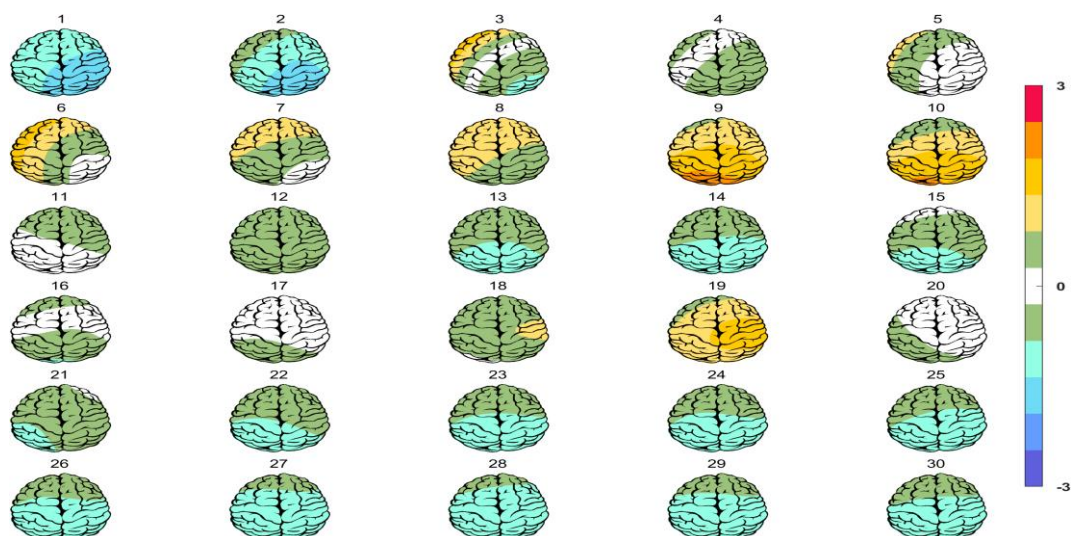
Eye Close



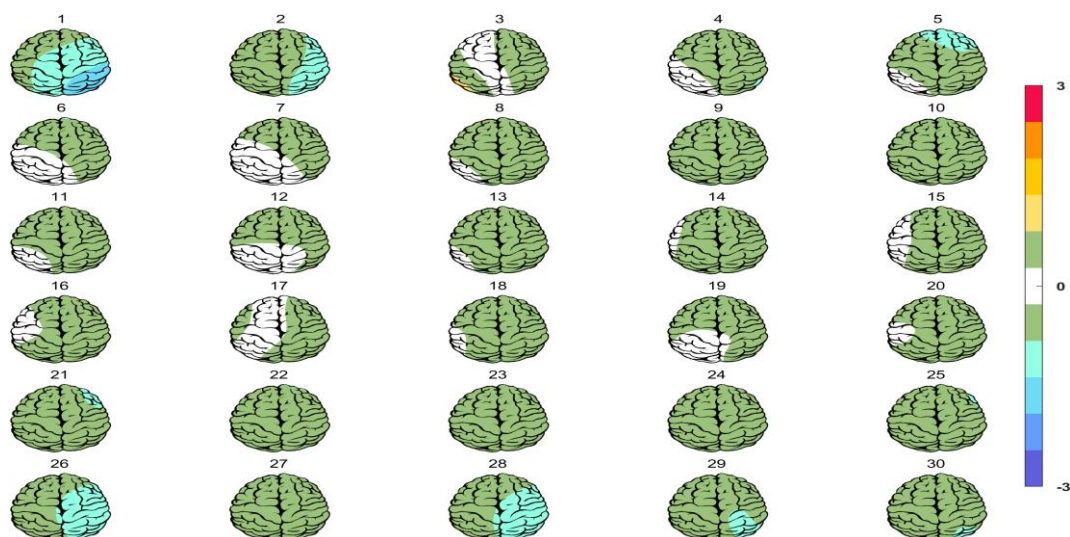
Absolute Power-Eye Close



Relative Power-Eye Close



Absolute Power-Eye Open



Relative Power-Eye Open

