



QEEG Clinical Report

BrainLens V0.4

Report Description

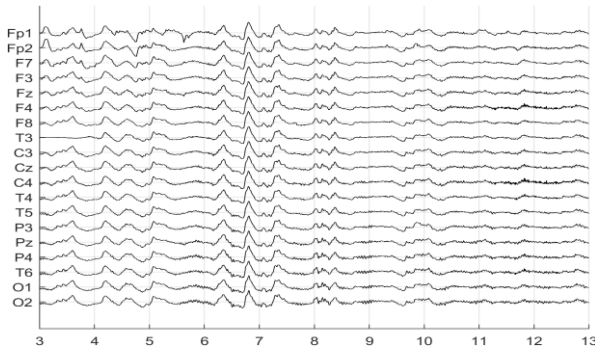
Personal & Clinical Data

Name	Faeze Hosseini	Date of Recording	20-Oct-2024
Date of Birth - Age	16-Feb-2010 - 14.68	Gender	Female
Handedness(R/L)	Right	Source of Referral	Asayesh Psychiatric Clinic -
Initial Diagnosis	PTSD-Puberty-F.conflict		
Current Medication	Medication Free		

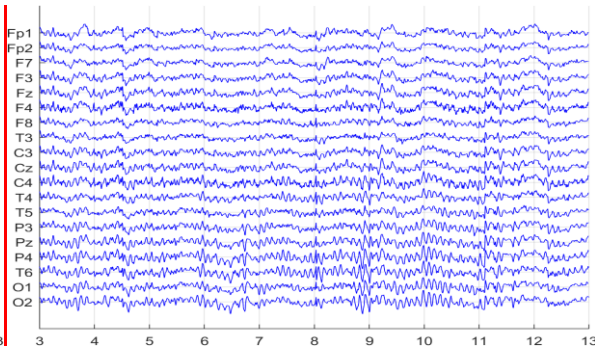
Asayesh Psychiatric Clinic -
Dr Torabi

Denoising Information (EC)

Raw EEG



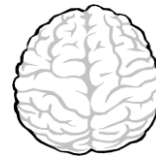
Denoised EEG



Flat Channels



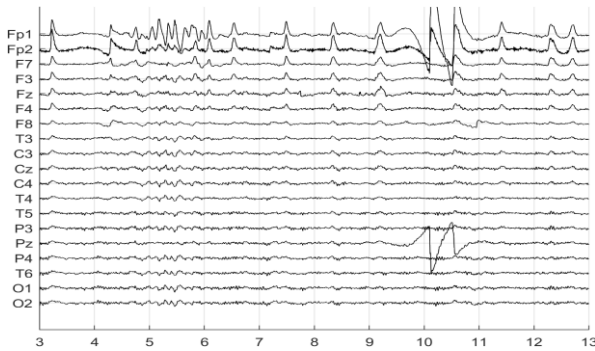
Rejected Channels



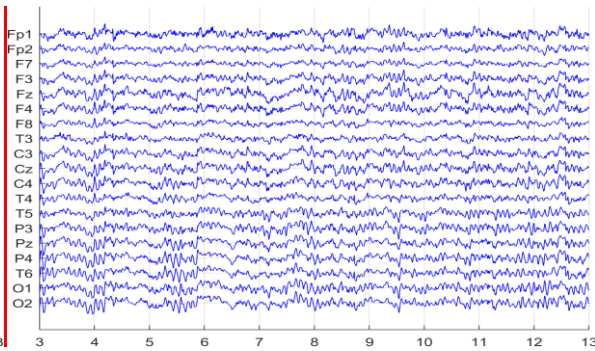
Number of Eye and Muscle Elements				Low Artifact Percentage	
Eye	1	Muscle	0		
Total Artifact Percentage				High Artifact Percentage	
EEG Quality		good		Total Recording Time Remaining	275.55 sec

Denoising Information (EO)

Raw EEG



Denoised EEG



Flat Channels



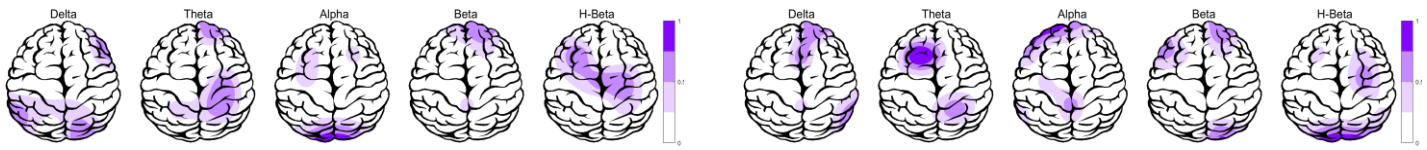
Rejected Channels



Number of Eye and Muscle Elements				Low Artifact Percentage	
Eye	5	Muscle	0		
Total Artifact Percentage				High Artifact Percentage	
EEG Quality		good		Total Recording Time Remaining	242.80 sec

Pathological assessment for ADHD

Compare to ADHD Database



EEG Compatibility with ADHD Diagnosis

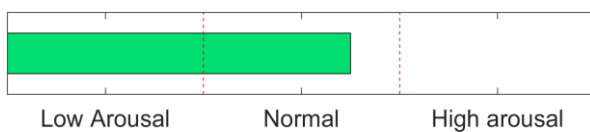
ADHD Table	EC		EO	
Feature Name	Threshold	Region	Threshold	Region
Increased rDelta	0.00	NAN	0.00	NAN
Increased rTheta	0.00	NAN	0.00	NAN
Increased rAlpha	0.50	global	0.00	NAN
Increased rBeta	0.00	NAN	0.00	NAN
Decreased SMR	-0.50	global	0.00	NAN
Increased T/B Ratio	0.00	NAN	0.00	NAN

ADHD

ADHD Compatibility

ADHD Probability

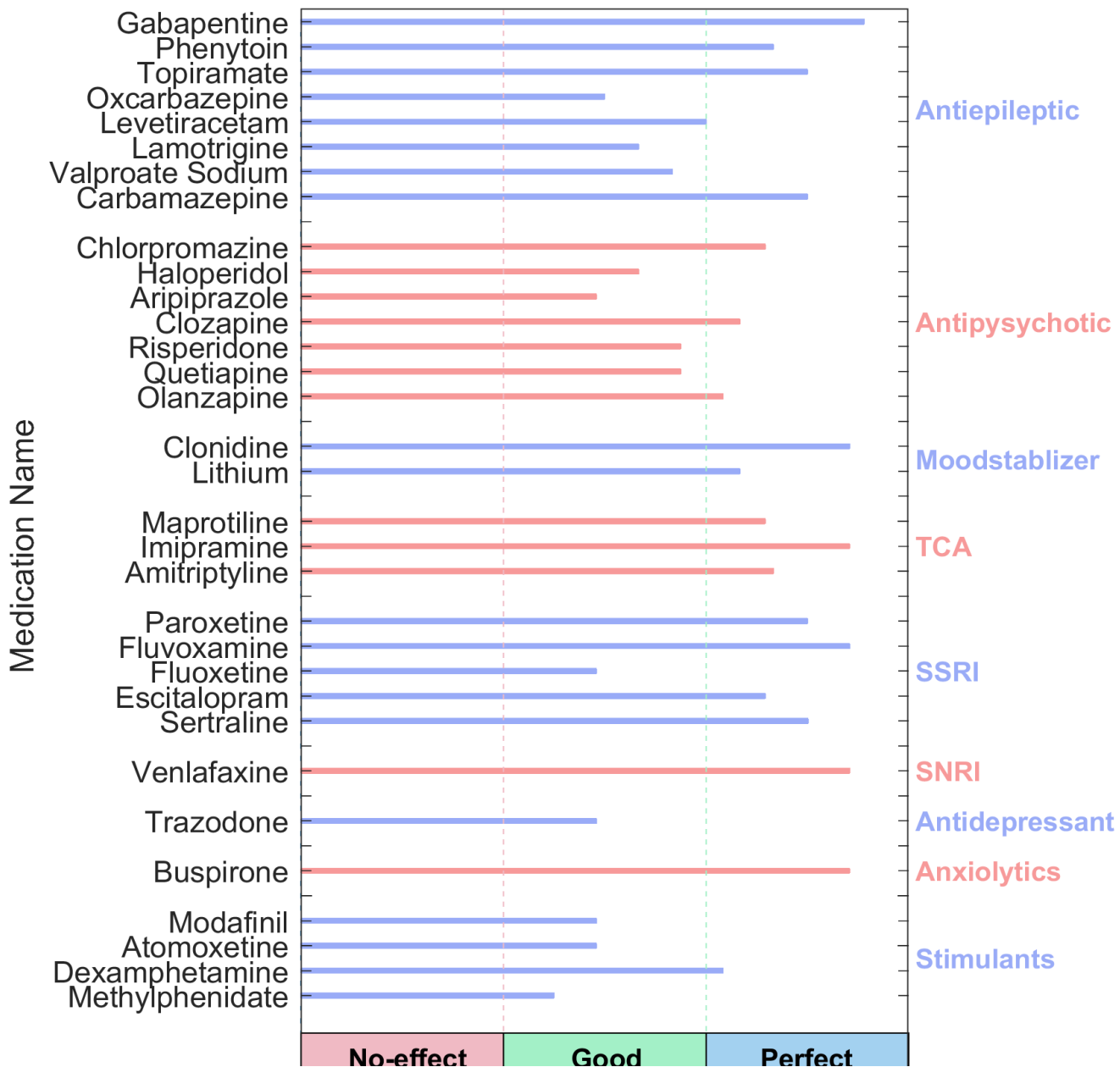
Arousal Level Detection



ADHD Clustering *

1. May be anxious, may be highly intelligent, need sufficient sleep, and should avoid high carbohydrate intake. Avoid stimulants, benzodiazepines and SNRI. Consider clonidine.

QEEG based predicting medication response



Explanation

These two tables can be considered the most important finding that can be extracted from QEEG. To prepare this list, the NPCIndex Article Review Team has studied, categorized, and extracted algorithms from many authoritative published articles on predict medication response and Pharmac EEG studies. These articles are published between 1970 and 2021. The findings extracted from this set include 85 different factors in the raw band domains, spectrum, power, coherence, and loreta that have not been segregated to avoid complexity, and their results are shown in these diagrams. One can review details in NPCIndex.com .

Medication Recommendation

These two charts, calculate response probability to various medications, according only to QEEG indicators. Blue charts favor drug response and red charts favor drug resistance. The longer the bar, the more evidence there is in the articles. Only drugs listed in the articles are listed. These tables present the indicators reviewed in the QEEG studies and are not a substitute for physician selection.

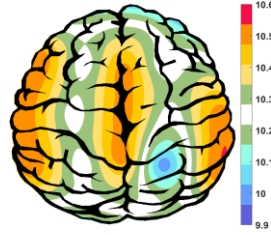
APF(EO)



Frontal APF= 12.08

Posterior APF= 11.62

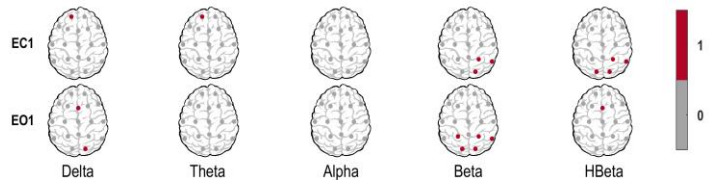
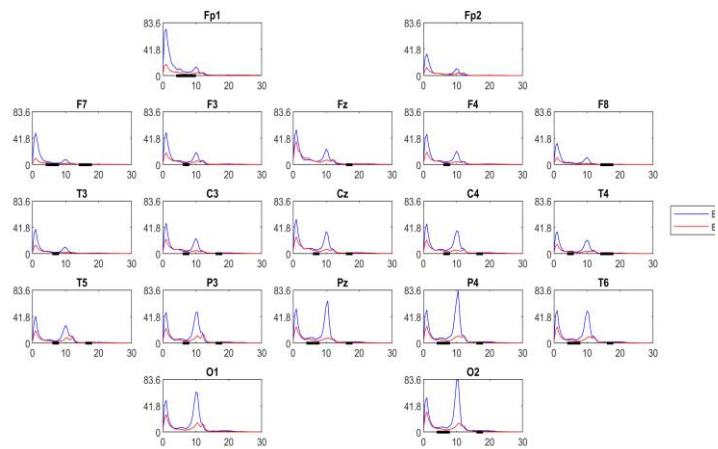
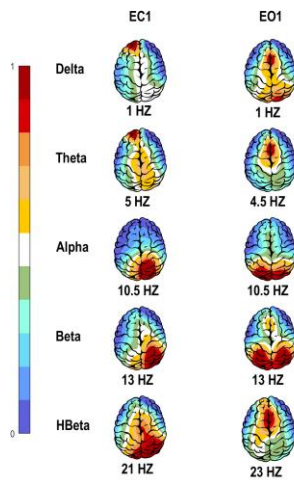
APF(EC)



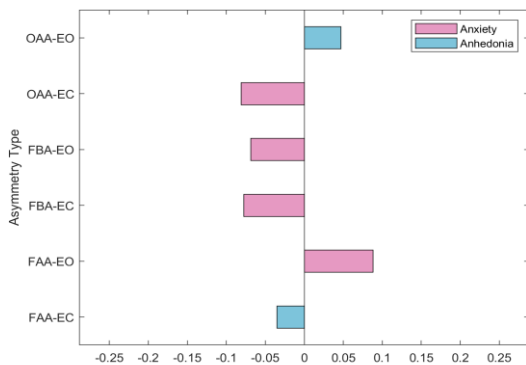
Frontal APF= 10.25

Posterior APF= 10.50

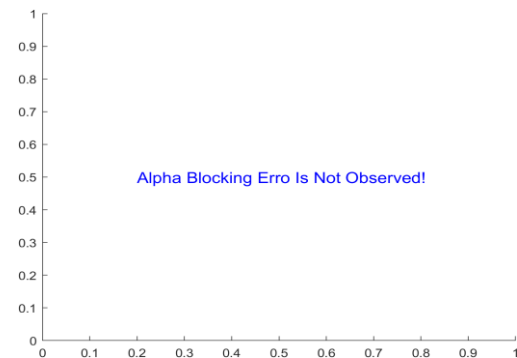
EEG Spectra



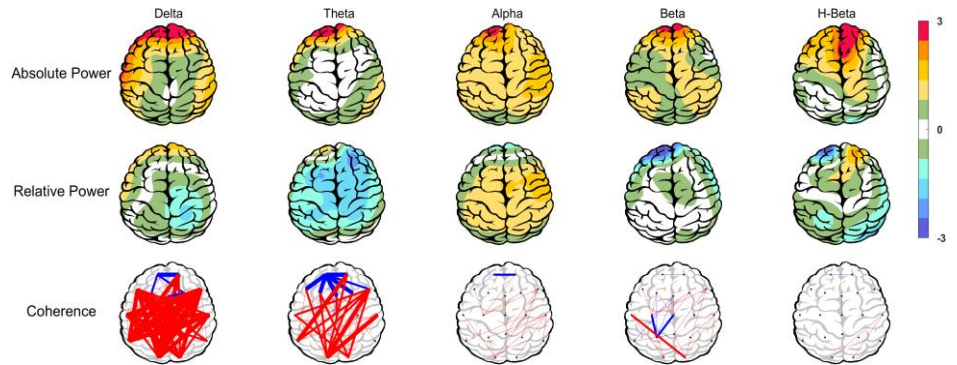
Alpha Asymmetry(AA)



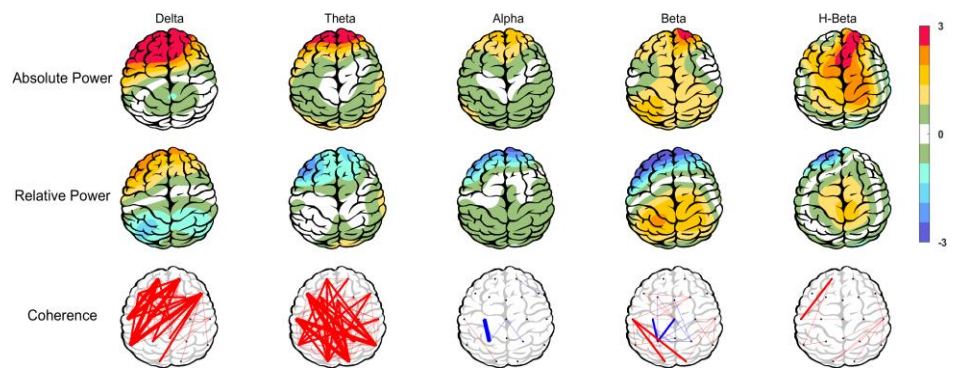
Alpha Blocking



Z Score Summary Information (EC)



Z Score Summary Information (EO)



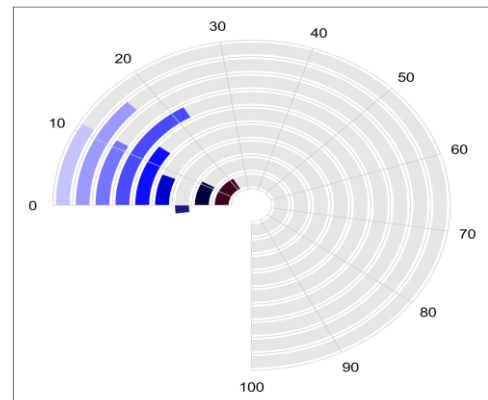
E.C.T/B Ratio (Raw- Z Score)



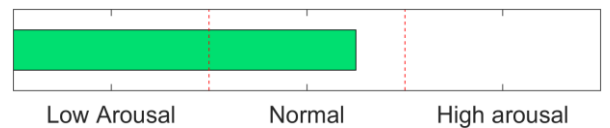
E.O.T/B Ratio (Raw- Z Score)



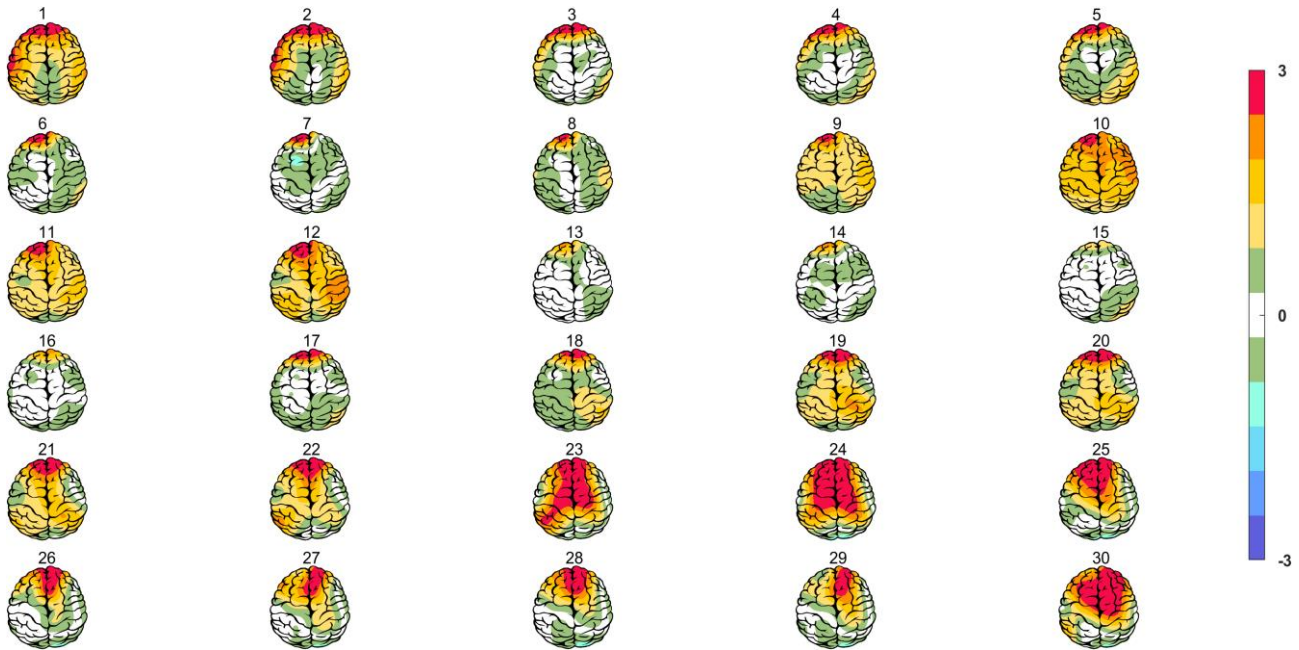
Arousal Level



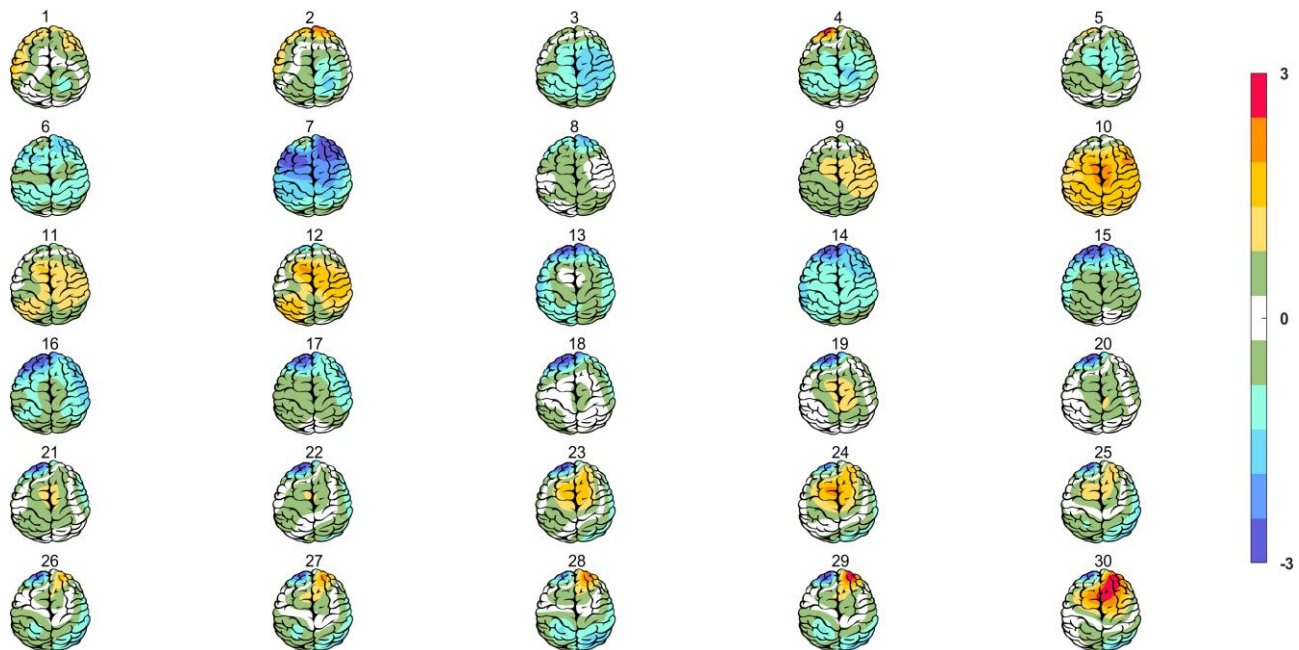
High beta
IAF
Right-posterior delta
Visual-area alpha
Frontal alpha
Prefrontal beta
Temporal beta
Occipital beta
Central beta



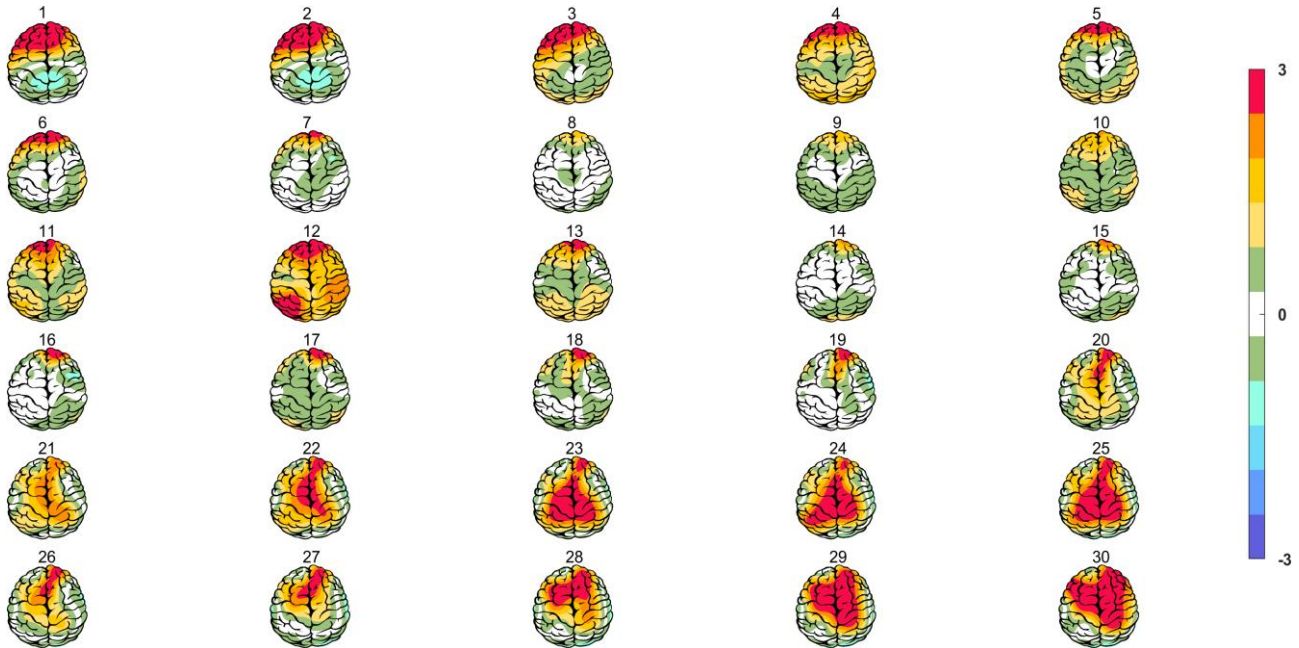
Absolute Power-Eye Closed (EC)



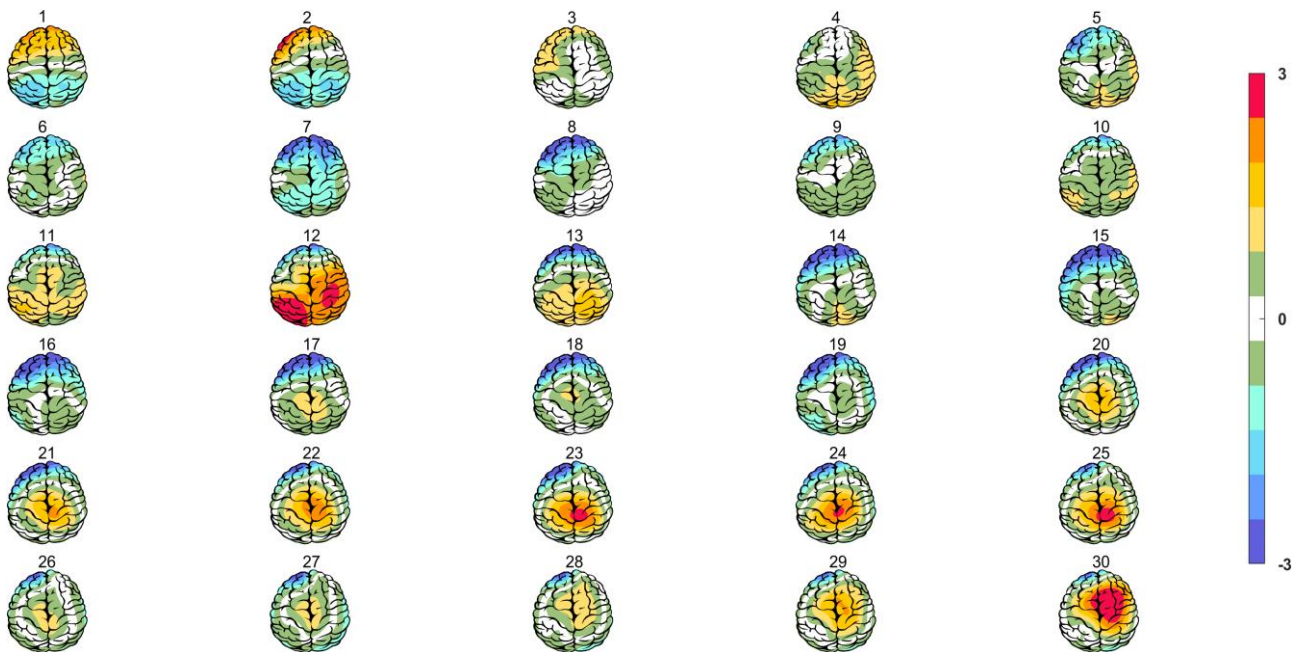
Relative Power-Eye Closed (EC)



Absolute Power-Eye Open (EO)



Relative Power-Eye Open (EO)





NPCindex



QEEGhome

Report

گزارش:

-1 -.....

نتایج تشخیصی:

-1 -.....