



QEEG Clinical Report

BrainLens V0.4

Report Description



Personal & Clinical Data

Name	Hosein Akhondi	Date of Recording	2025-09-16
Date of Birth - Age	2015-10-23 - 9.9	Gender	Male
Handedness(R/L)	Right	Source of Referral	Dr Sajjadi
Initial Diagnosis	Lack of Attention and Concentration		
Current Medication	-		

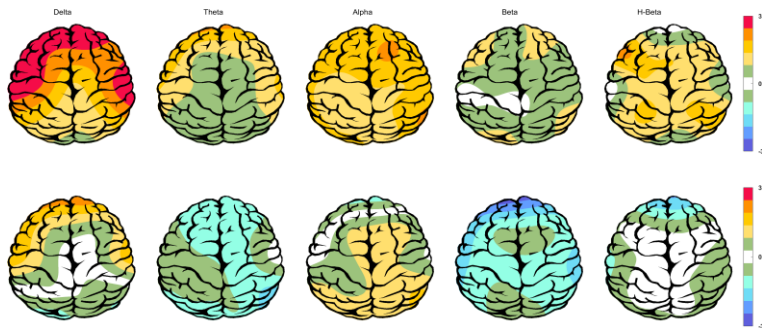
Dr Sajjadi

Summary Report

EEG Quality



Z-score Information



Compatibility with ADHD



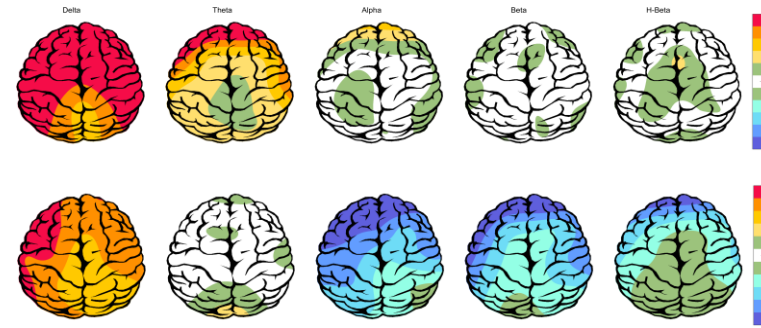
Arousal Level



APF

Posterior APF-EC= 09.62

Posterior APF-EO= 09.75

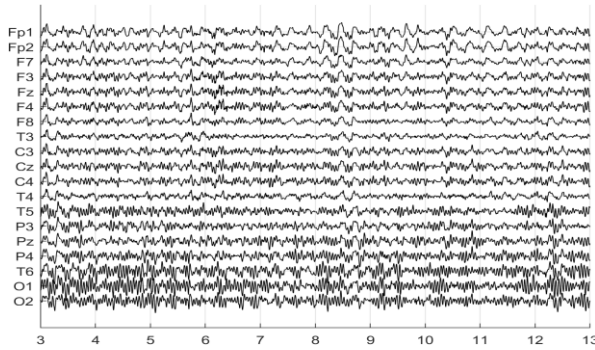


Absolute Power
Relative Power

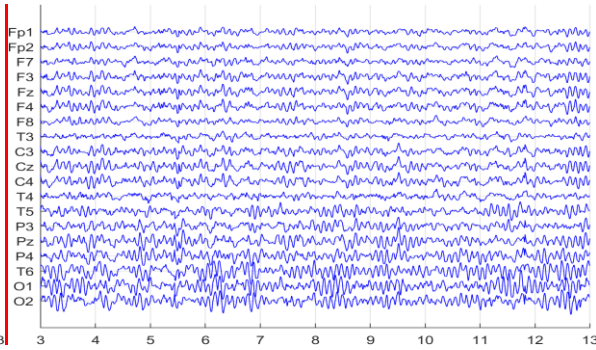
To investigate QEEG-based predicting medication response, please refer to the Report.

Denoising Information (EC)

Raw EEG



Denoised EEG



Flat Channels



Rejected Channels



Number of Eye and Muscle Elements

Eye 1 Muscle 0

Low Artifact Percentage



Total Artifact Percentage



High Artifact Percentage



EEG Quality

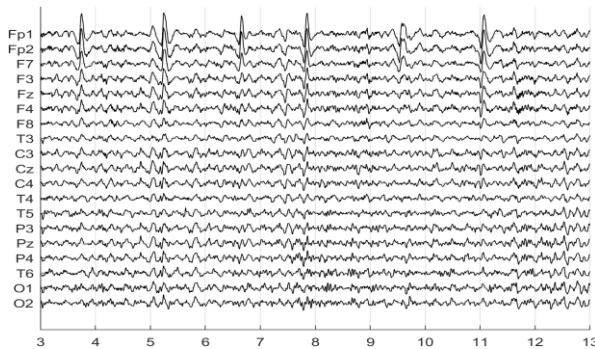
good

Total Recording Time Remaining

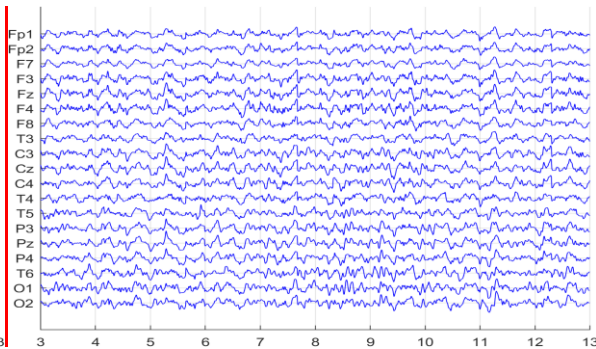
244.45 sec

Denoising Information (EO)

Raw EEG



Denoised EEG



Flat Channels



Rejected Channels



Number of Eye and Muscle Elements

Eye 2 Muscle 0

Low Artifact Percentage



Total Artifact Percentage



High Artifact Percentage



EEG Quality

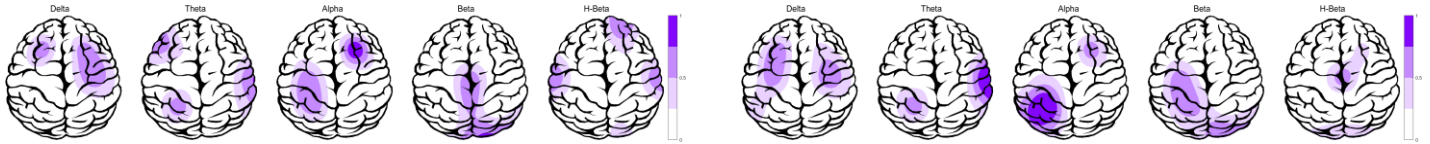
good

Total Recording Time Remaining

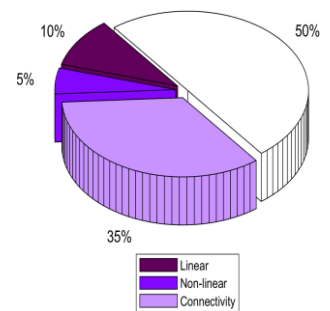
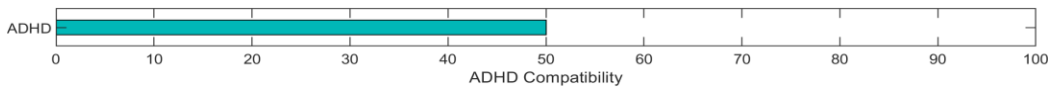
146.83 sec

Pathological assessment for ADHD

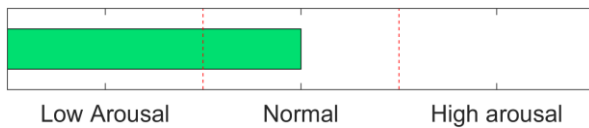
Compare to ADHD Database



EEG Compatibility with ADHD Diagnosis



Arousal Level Detection

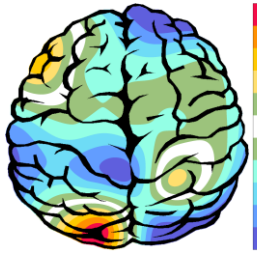


ADHD Clustering *

1. Same inattentive and hyperactive prevalence. Well respond to stimulants.

* If there is Paroxymal epileptic discharge in EEG data, this case needs sufficient sleep and should avoid high carbohydrate intake.
You can consider anticonvulant medications.

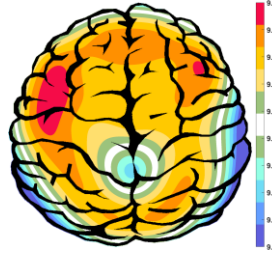
APF(EO)



Frontal APF= 10.00

Posterior APF= 09.75

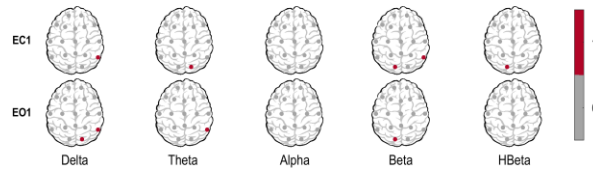
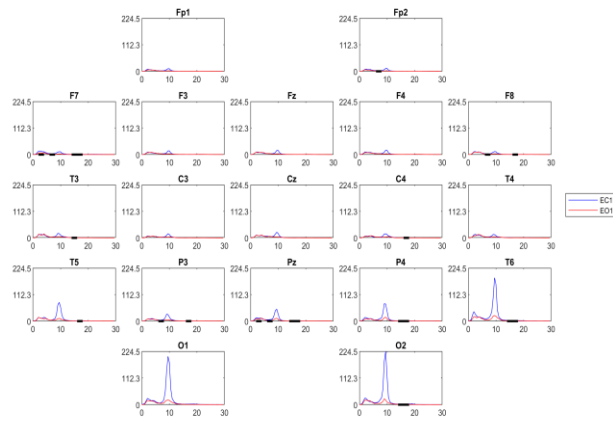
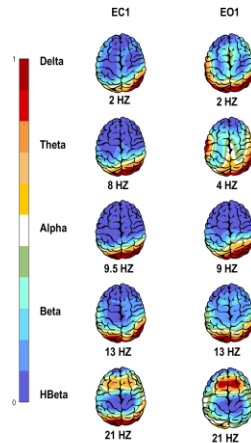
APF(EC)



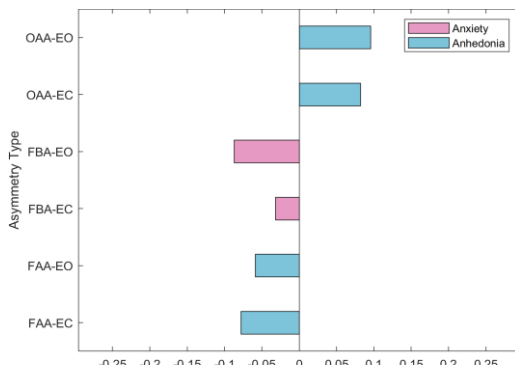
Frontal APF= 09.75

Posterior APF= 09.62

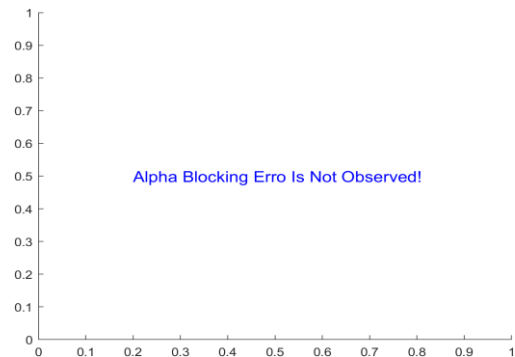
EEG Spectra



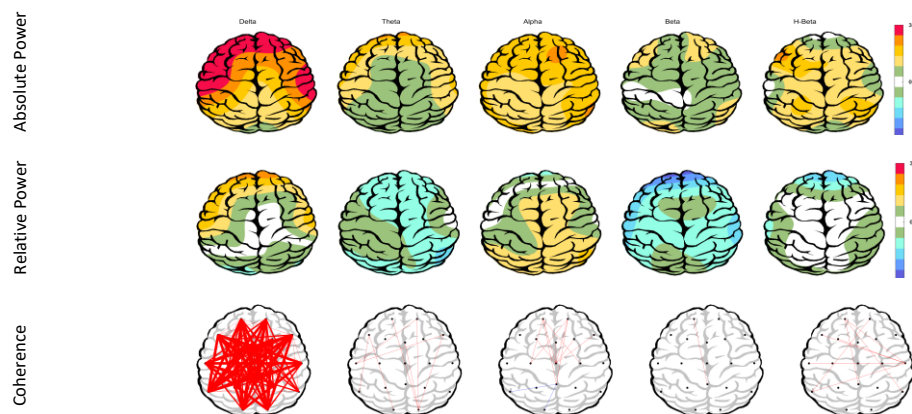
Alpha Asymmetry(AA)



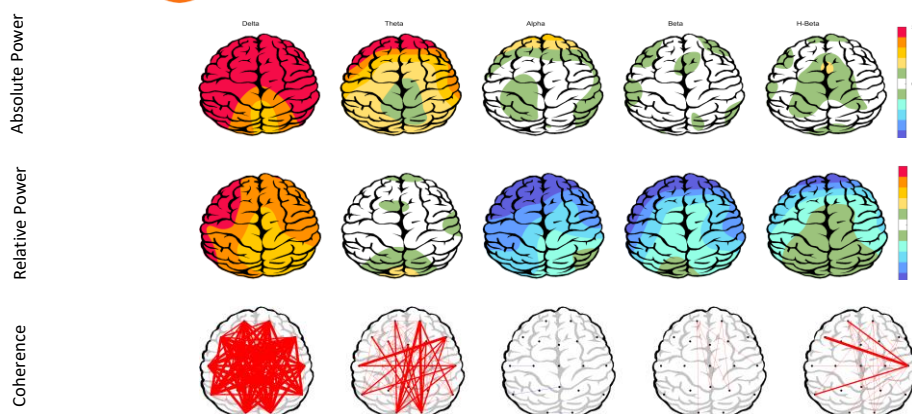
Alpha Blocking



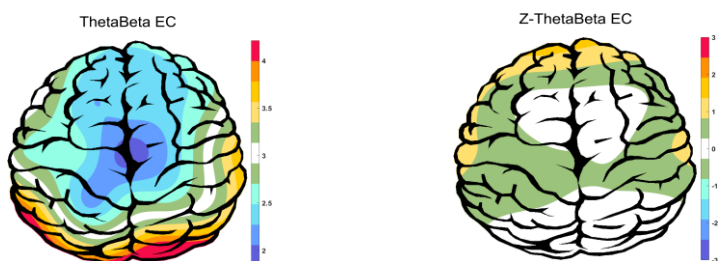
Z Score Summary Information (EC)



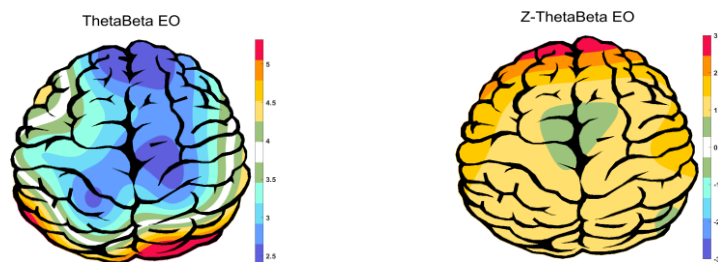
Z Score Summary Information (EO)



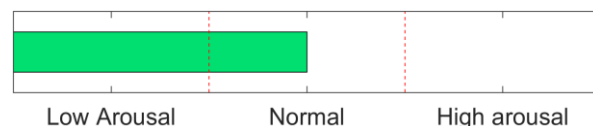
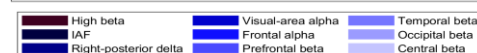
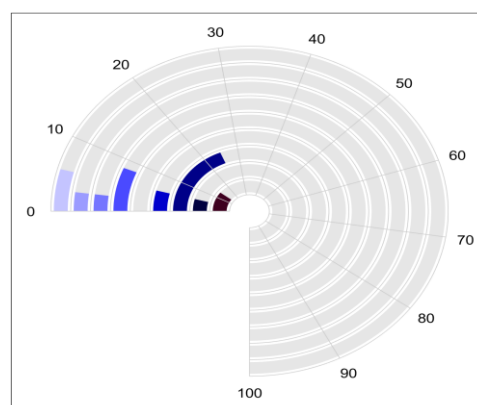
E.C.T/B Ratio (Raw- Z Score)



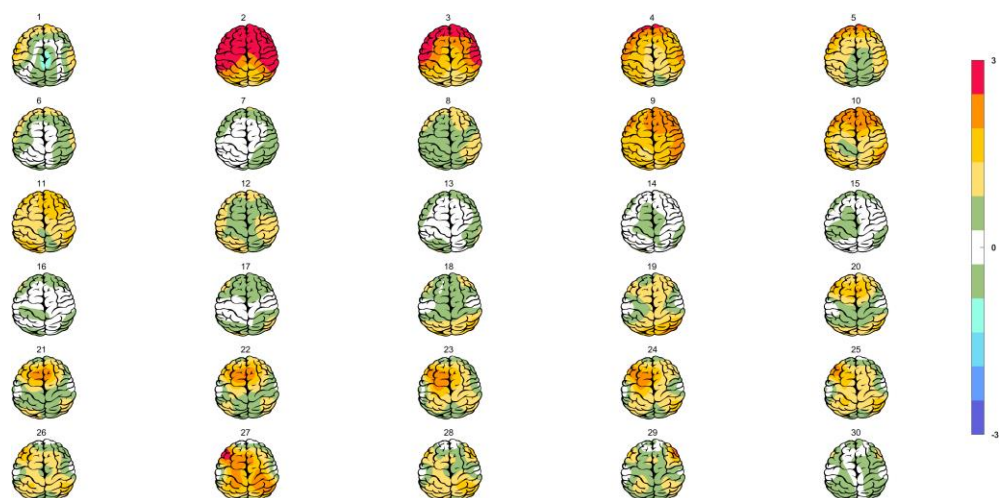
E.O.T/B Ratio (Raw- Z Score)



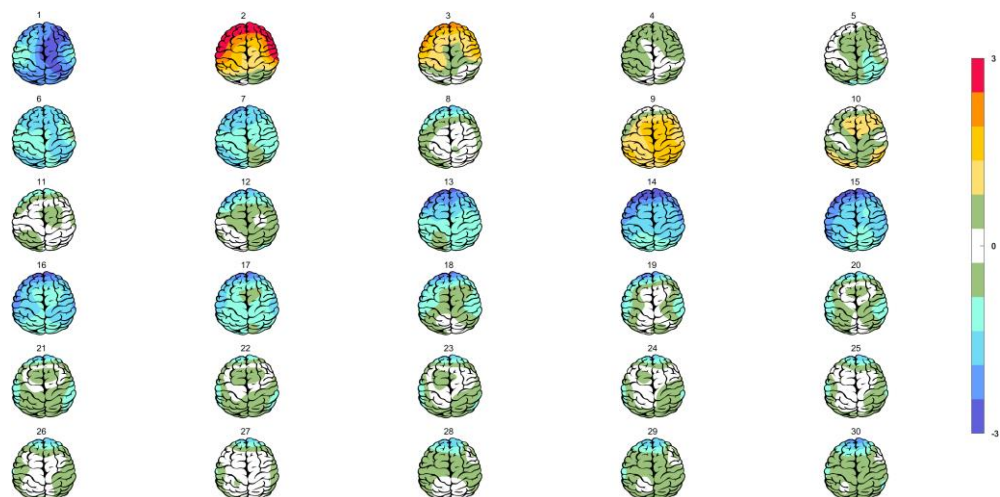
Arousal Level



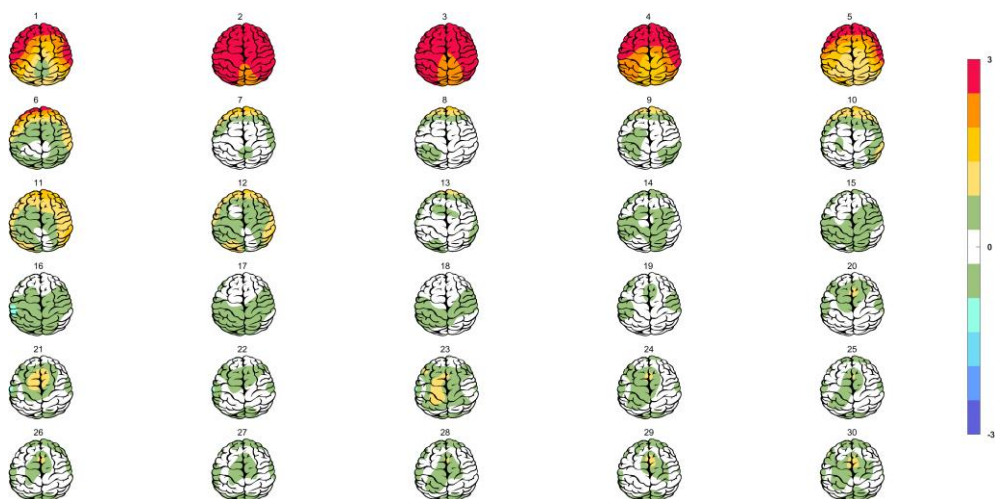
Absolute Power-Eye Closed (EC)



Relative Power-Eye Closed (EC)



Absolute Power-Eye Open (EO)



Relative Power-Eye Open (EO)

