



QEEG Clinical Report

BrainLens V0.4

Report Description



Personal & Clinical Data

Name	Elay	Date of Recording	02-Feb-2025
Date of Birth - Age	17-May-2010 - 14.71	Gender	Female
Handedness(R/L)	Right	Source of Referral	Ms Golshan
Initial Diagnosis	Anxiety		
Current Medication	-		

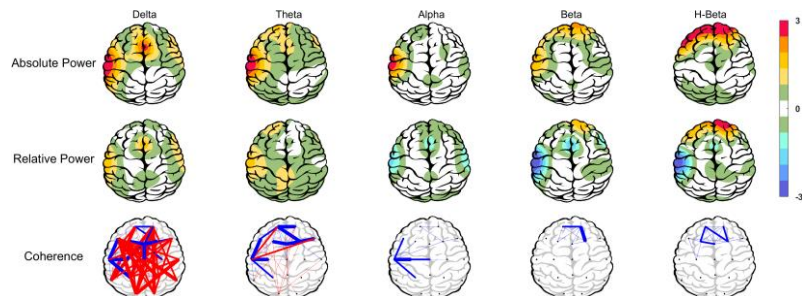
Ms Golshan

Summary Report

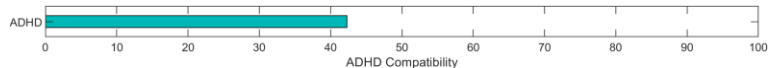
EEG Quality



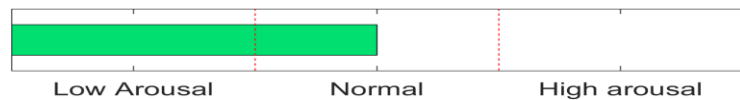
Z-score Information



Compatibility with ADHD



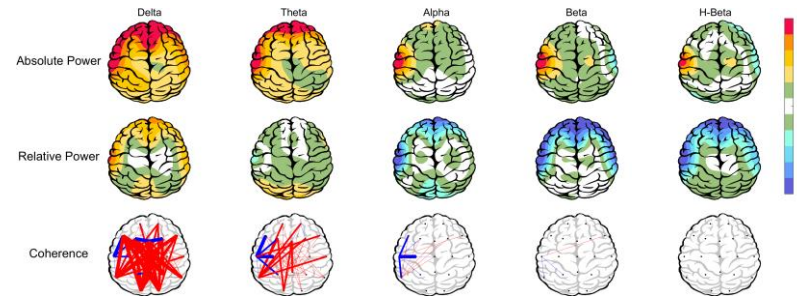
Arousal Level



APF

Posterior APF-EC= 10.38

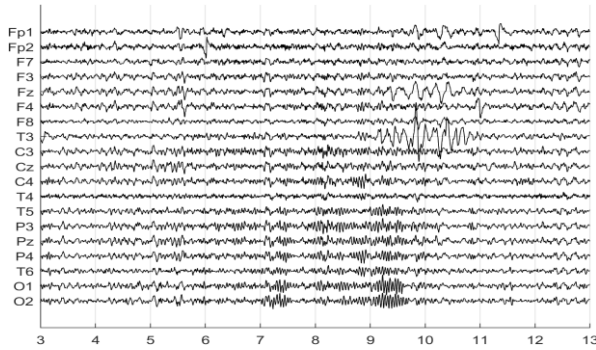
Posterior APF-EO= 10.00



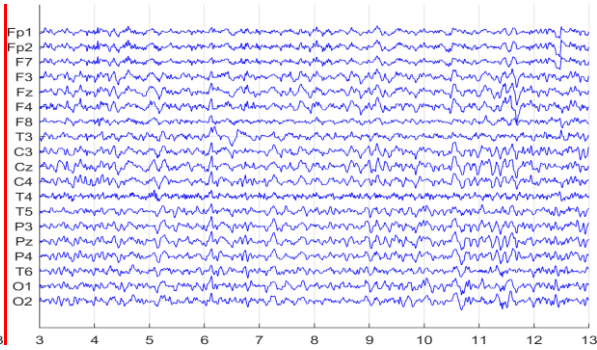
To investigate QEEG-based predicting medication response, please refer to the Report.

Denoising Information (EC)

Raw EEG



Denoised EEG



Flat Channels



Rejected Channels



Number of Eye and Muscle Elements

Eye 2 Muscle 0

Total Artifact Percentage



EEG Quality good

Low Artifact Percentage



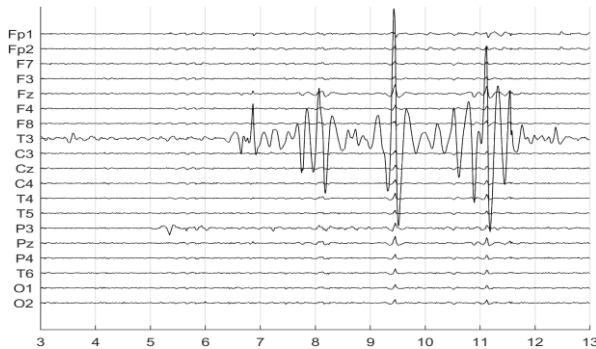
High Artifact Percentage



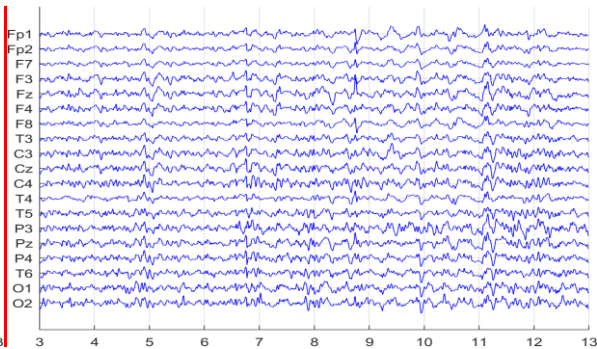
Total Recording Time Remaining 231.66 sec

Denoising Information (EO)

Raw EEG



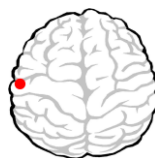
Denoised EEG



Flat Channels



Rejected Channels



Number of Eye and Muscle Elements

Eye 2 Muscle 0

Total Artifact Percentage



EEG Quality good

Low Artifact Percentage



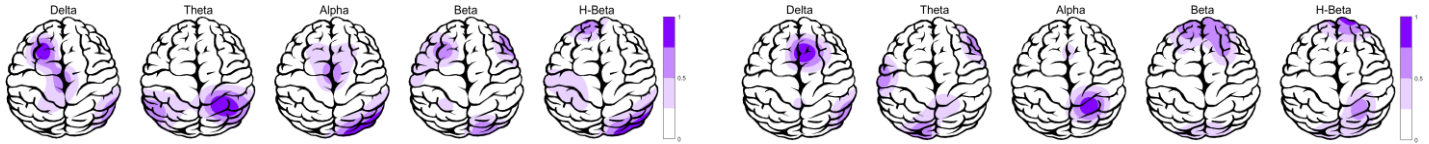
High Artifact Percentage



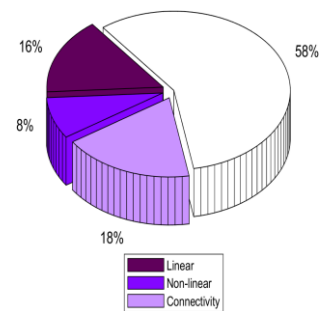
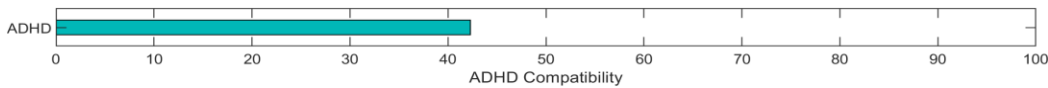
Total Recording Time Remaining 259.66 sec

Pathological assessment for ADHD

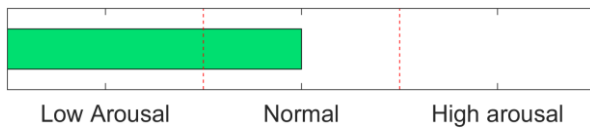
Compare to ADHD Database



EEG Compatibility with ADHD Diagnosis



Arousal Level Detection

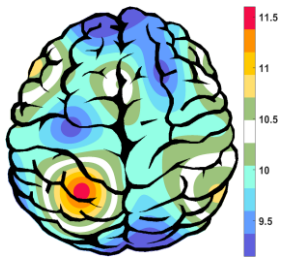


ADHD Clustering *

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.

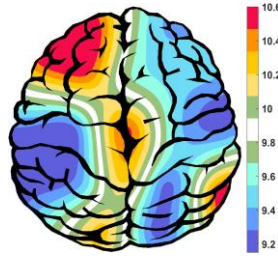
APF(EO)



Frontal APF= 09.50

Posterior APF= 10.00

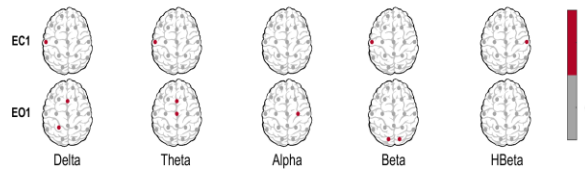
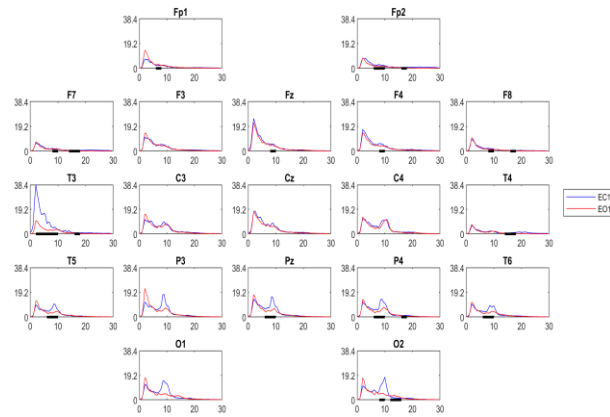
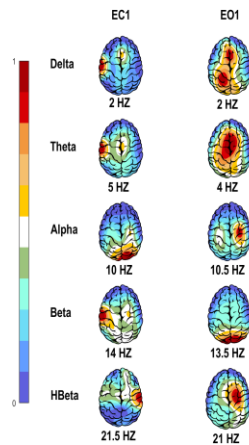
APF(EC)



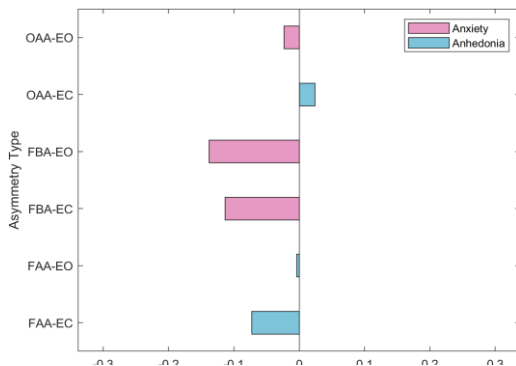
Frontal APF= 09.42

Posterior APF= 10.38

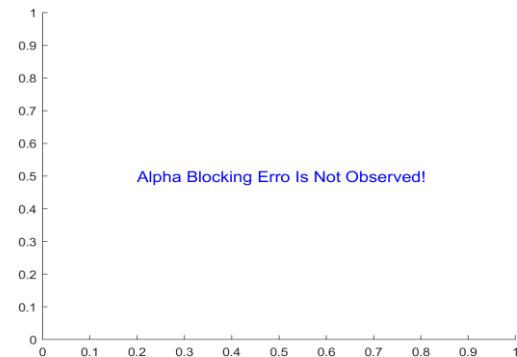
EEG Spectra



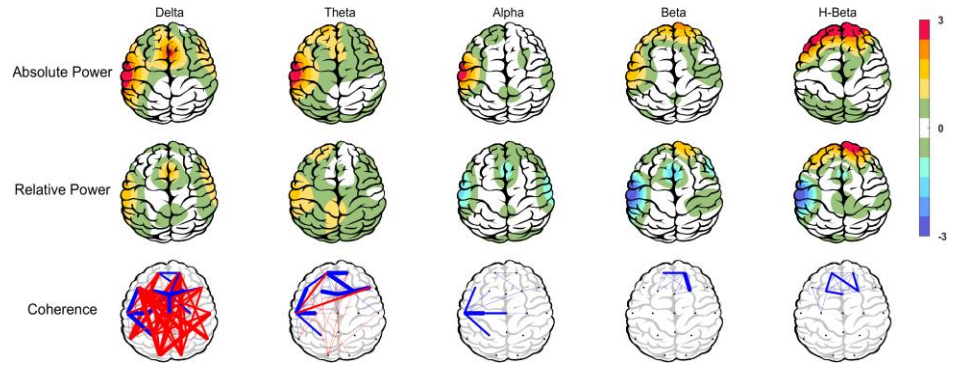
Alpha Asymmetry(AA)



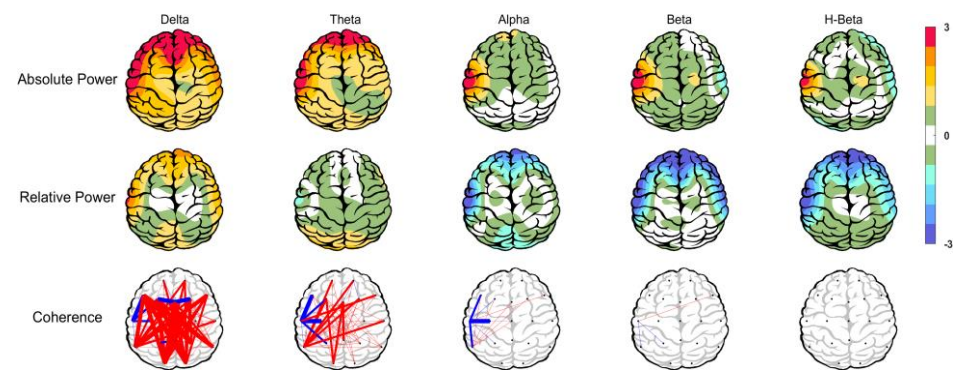
Alpha Blocking



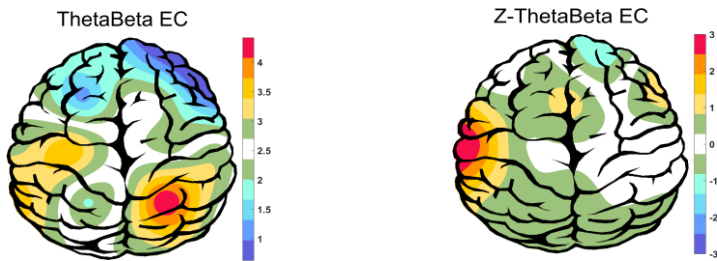
Z Score Summary Information (EC)



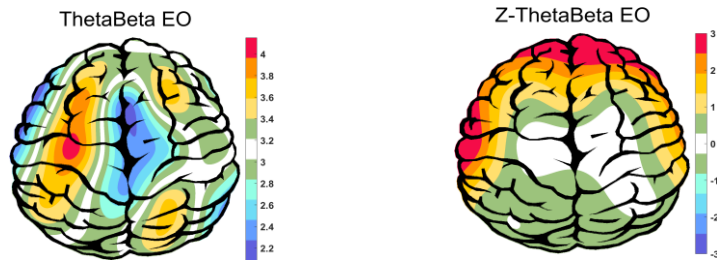
Z Score Summary Information (EO)



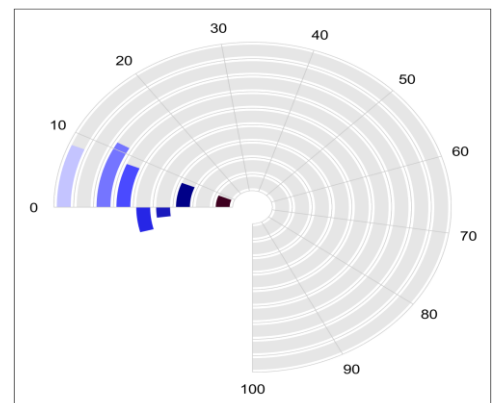
E.C.T/B Ratio (Raw- Z Score)



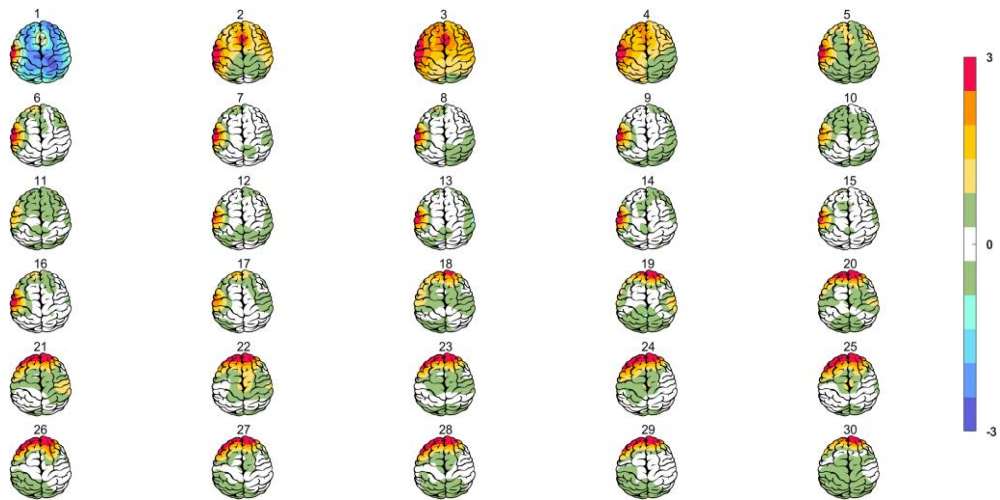
E.O.T/B Ratio (Raw- Z Score)



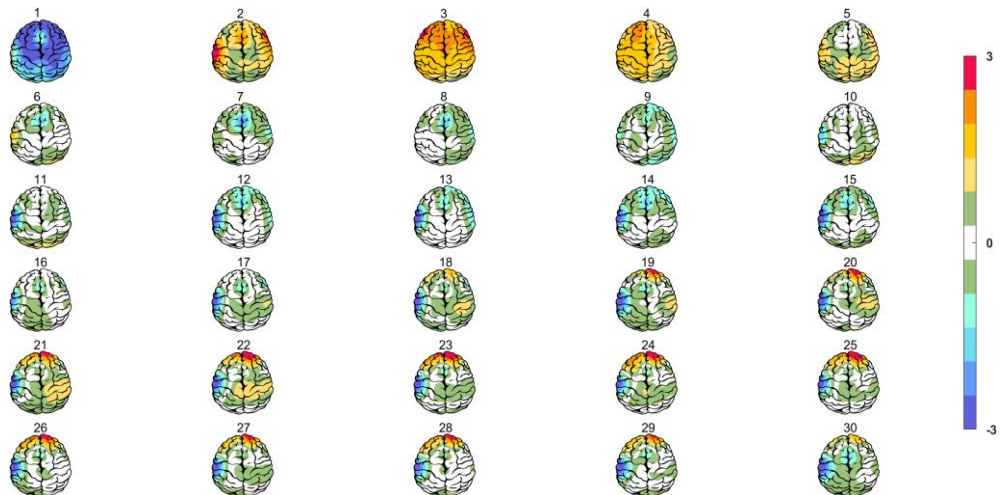
Arousal Level



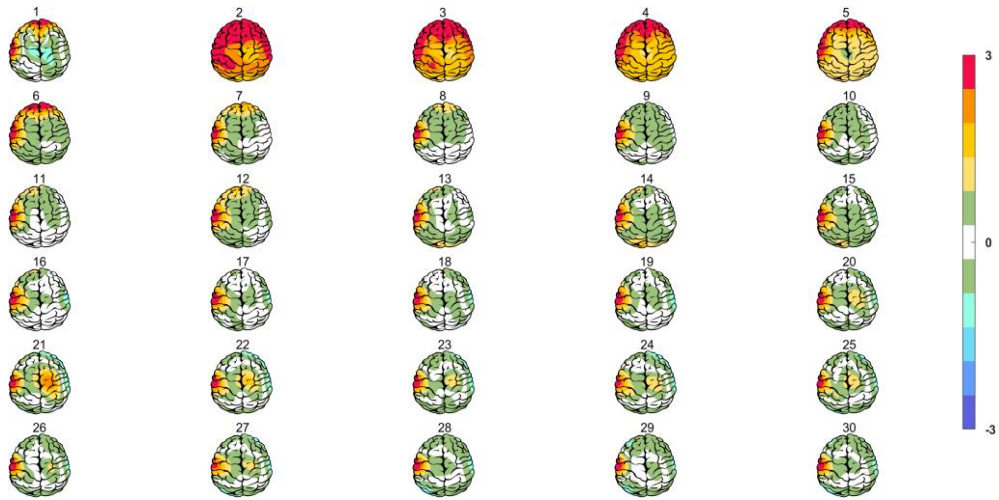
Absolute Power-Eye Closed (EC)



Relative Power-Eye Closed (EC)



Absolute Power-Eye Open (EO)



Relative Power-Eye Open (EO)

