



QEEG Clinical Report

BrainLens V0.4

Report Description



Personal & Clinical Data

Name	Elena Tajvar	Date of Recording	25-Dec-2024
Date of Birth - Age	05-Mar-2016 - 8.8	Gender	Female
Handedness(R/L)	Left	Source of Referral	Ms Aliakbari
Initial Diagnosis	ADHD-Aggressive		
Current Medication	Aripiprazole-Methylphenidate		

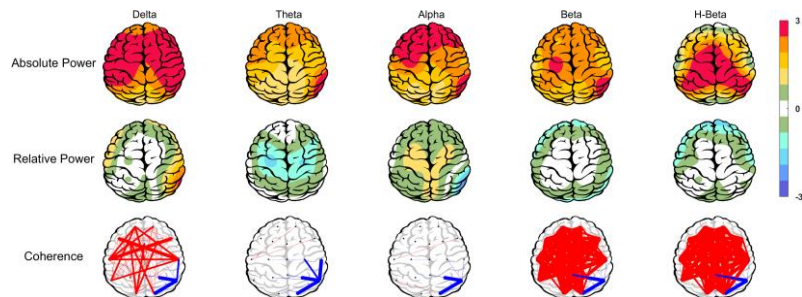
Ms Aliakbari

Summary Report

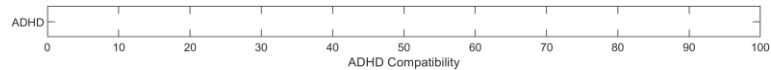
EEG Quality



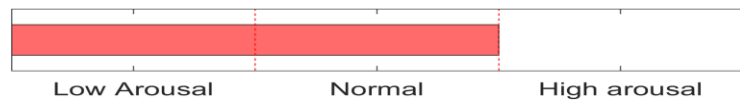
Z-score Information



Compatibility with ADHD



Arousal Level



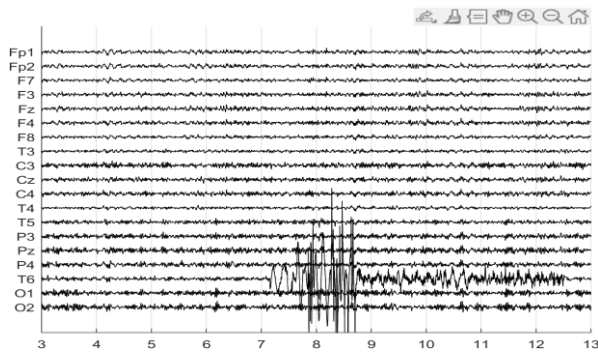
APF

Posterior APF-EC= 09.62

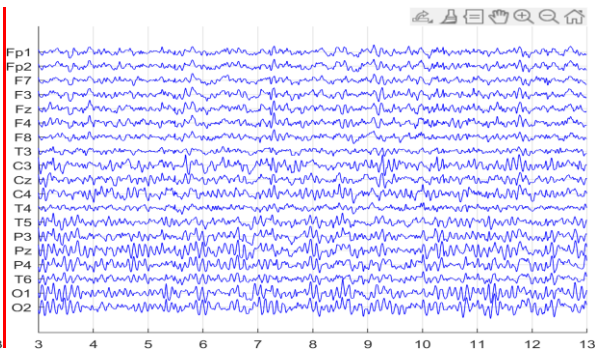
To investigate QEEG-based predicting medication response, please refer to the Report.

Denoising Information (EC)

Raw EEG



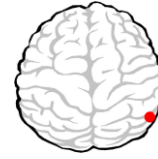
Denoised EEG



Flat Channels



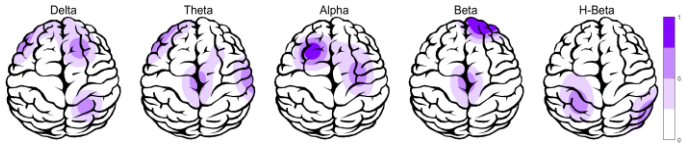
Rejected Channels



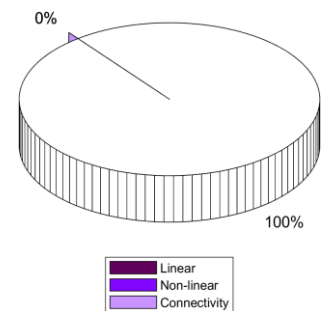
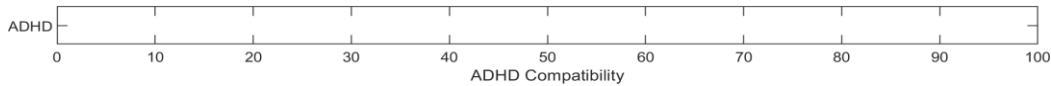
Number of Eye and Muscle Elements				Low Artifact Percentage	
Eye	0	Muscle	0		
Total Artifact Percentage				High Artifact Percentage	
EEG Quality		bad		Total Recording Time Remaining	
				50.00 sec	

Pathological assessment for ADHD

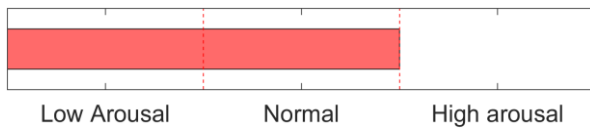
Compare to ADHD Database



EEG Compatibility with ADHD Diagnosis



Arousal Level Detection

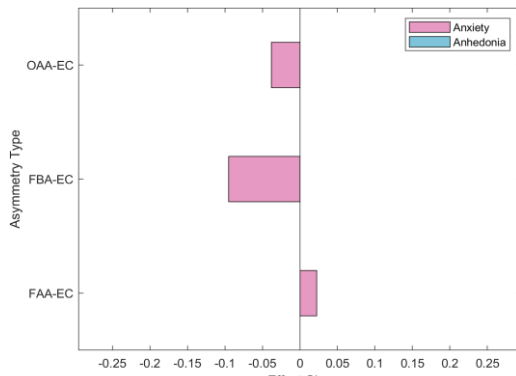


ADHD Clustering *

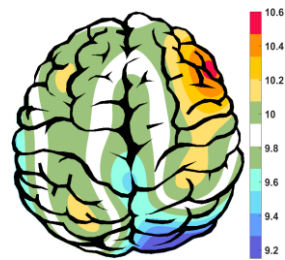
1. Least impulsive group, almost only inattentive. May respond to stimulants.

* 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.

Alpha Asymmetry(AA)



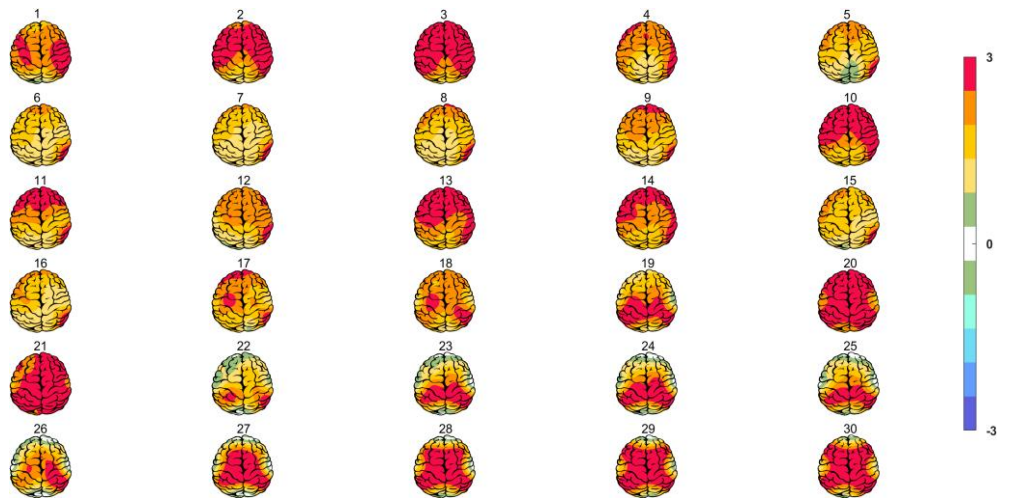
APF(EC)



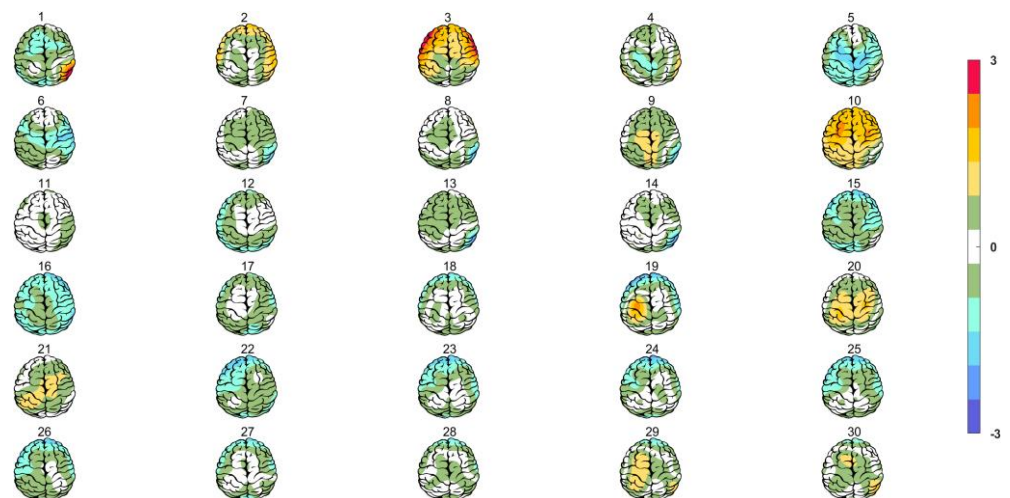
Frontal APF= 10.00

Posterior APF= 09.62

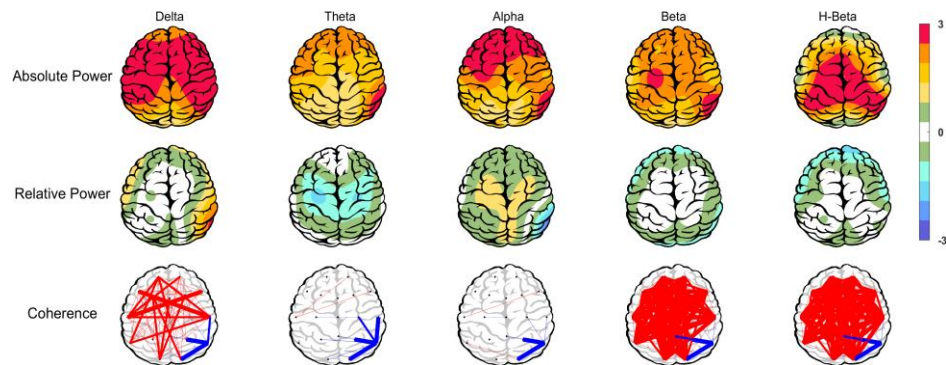
Absolute Power-Eye Closed (EC)



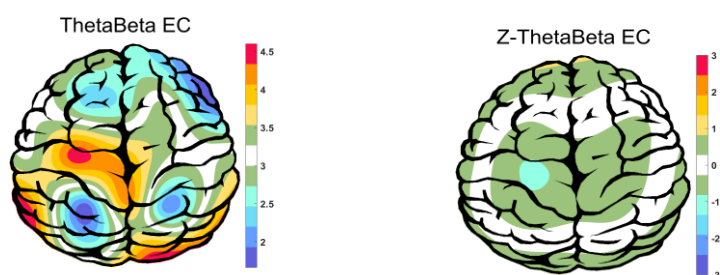
Relative Power-Eye Closed (EC)



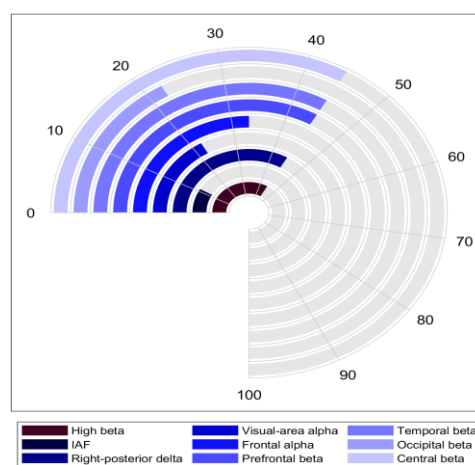
Z Score Summary Information (EC)



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



Arousal Level



EEG Spectra

