



QEEG Clinical Report

BrainLens V0.4

Report Description



Personal & Clinical Data

Name	Amirmohammad Samadi	Date of Recording	14-Dec-2024
Date of Birth - Age	09-Jun-2017 - 7.51	Gender	Male
Handedness(R/L)	Right	Source of Referral	Dr Tabatabaei
Initial Diagnosis	-		
Current Medication	-		

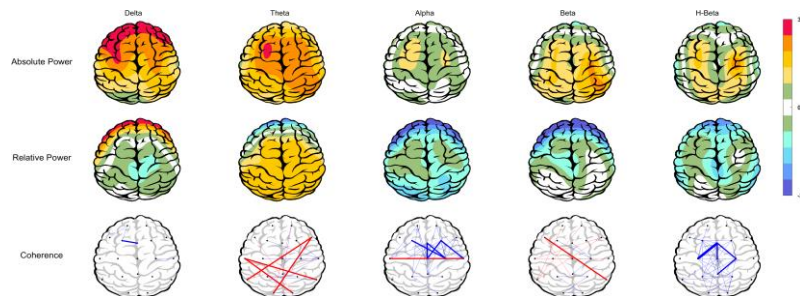
Dr Tabatabaei

Summary Report

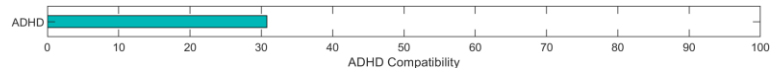
EEG Quality



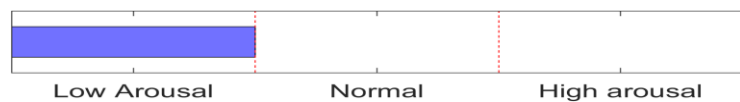
Z-score Information



Compatibility with ADHD



Arousal Level



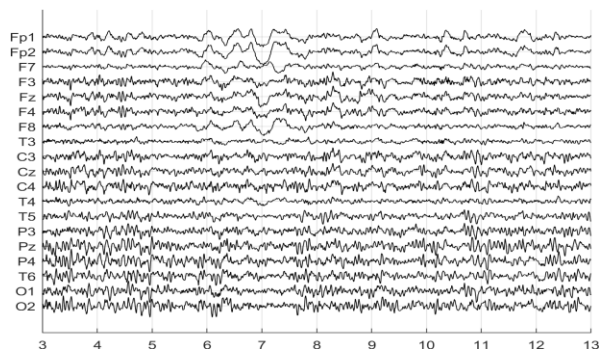
APF

Posterior APF-EC= 08.25

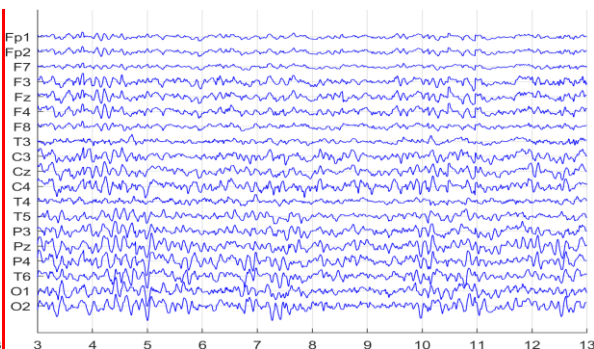
To investigate QEEG-based predicting medication response, please refer to the Report.

Denoising Information (EC)

Raw EEG



Denoised EEG



Flat Channels



Rejected Channels



Number of Eye and Muscle Elements

Eye 4 Muscle 0

Total Artifact Percentage



EEG Quality good

Low Artifact Percentage



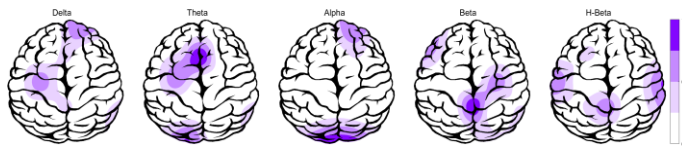
High Artifact Percentage



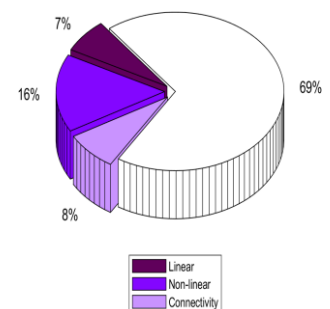
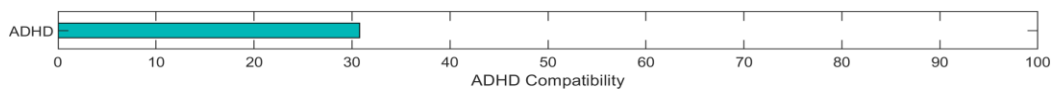
Total Recording Time Remaining 244.74 sec

Pathological assessment for ADHD

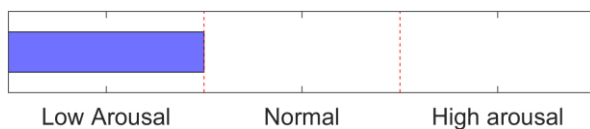
Compare to ADHD Database



EEG Compatibility with ADHD Diagnosis



Arousal Level Detection

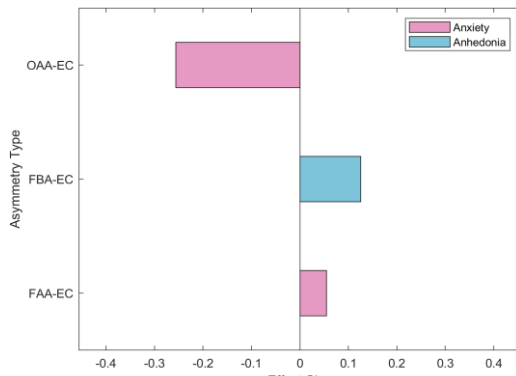


ADHD Clustering *

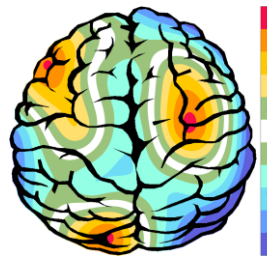
1. Mostly inattentive and hyper-active prevalence. Well respond to amphetamine-type stimulants and neurofeedback.

* 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)



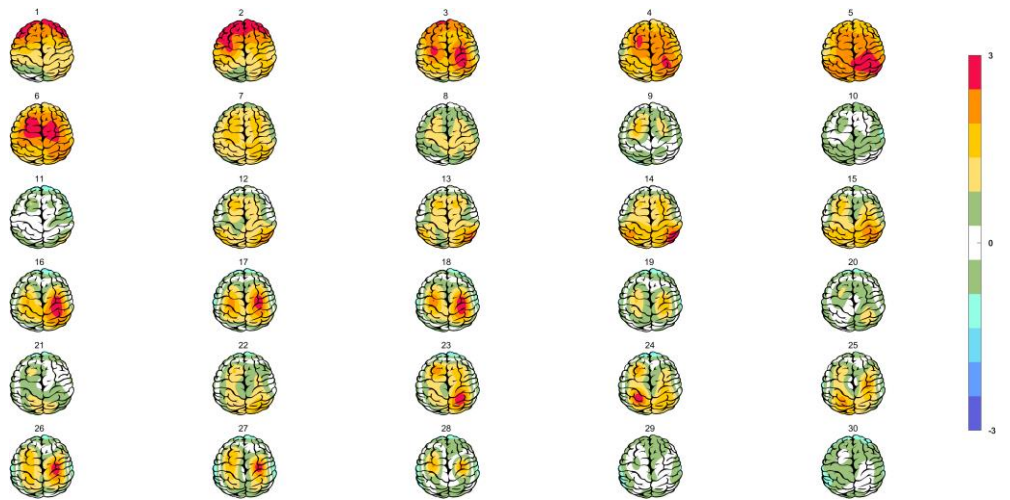
APF(EC)



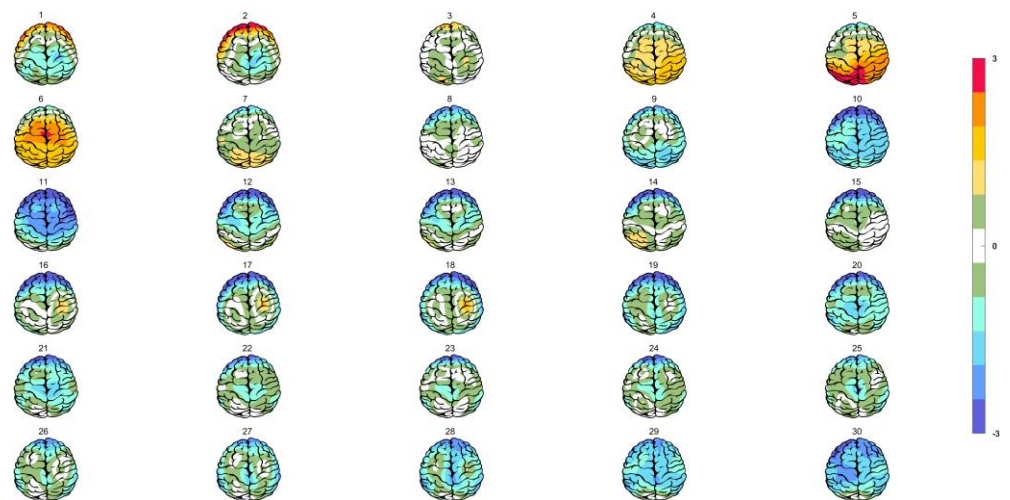
Frontal APF= 08.83

Posterior APF= 08.25

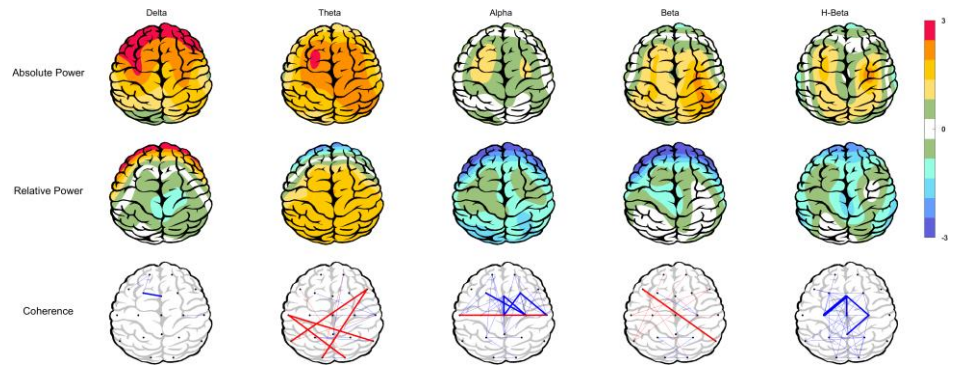
Absolute Power-Eye Closed (EC)



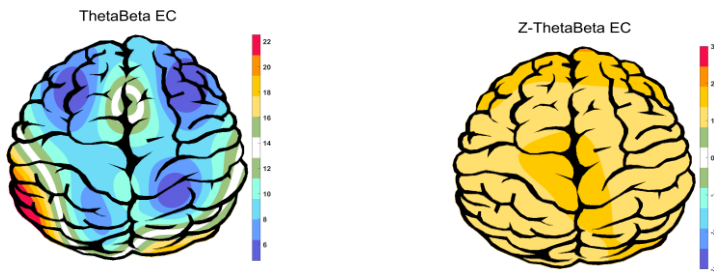
Relative Power-Eye Closed (EC)



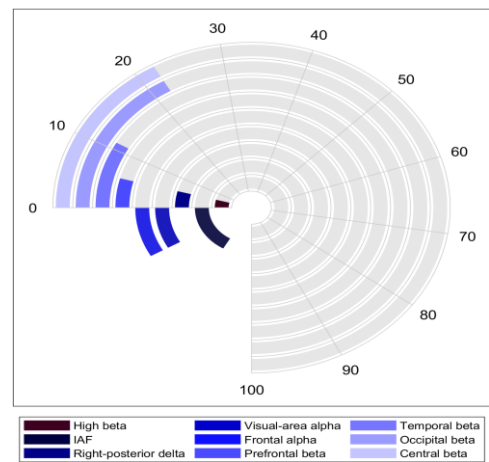
Z Score Summary Information (EC)



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



Arousal Level



EEG Spectra

