



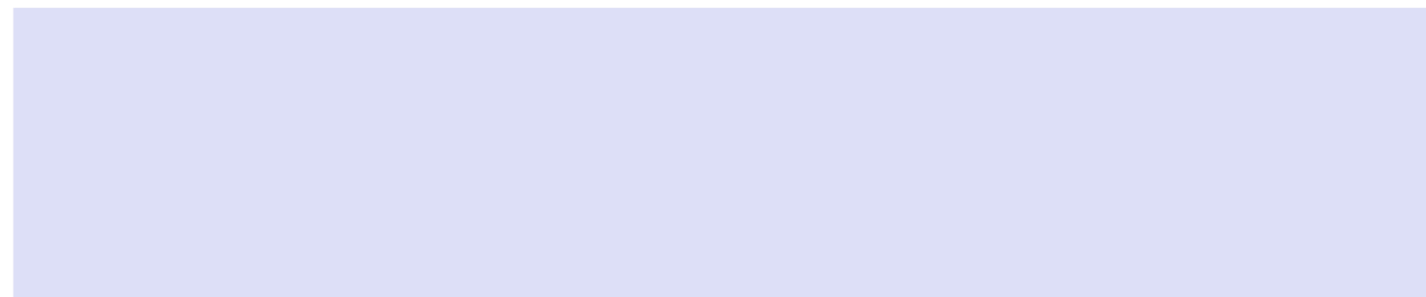
npcindex www.npcindex.com 021-44 47 74 67

QEEG Clinical Report

BrainLens V0.4



Report Description



Personal & Clinical Data

Name	Rasoul Ahmadi	Date of Recording	2025-08-18
Date of Birth - Age	2011-07-26 - 14.06	Gender	Male
Handedness(R/L)	Right	Source of Referral	Dr Dinarvand
Initial Diagnosis	Anxiety-Migraine		
Current Medication	Amitriptyline		

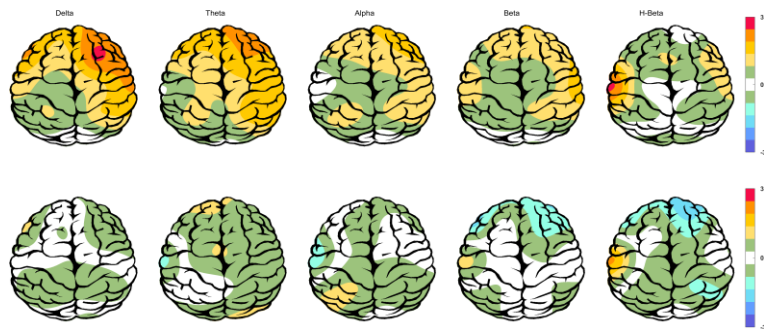
Dr Dinarvand

Summary Report

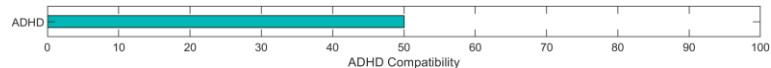
EEG Quality



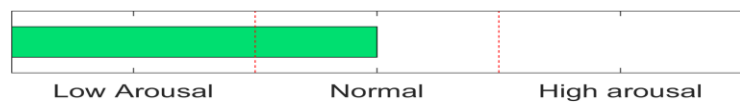
Z-score Information



Compatibility with ADHD



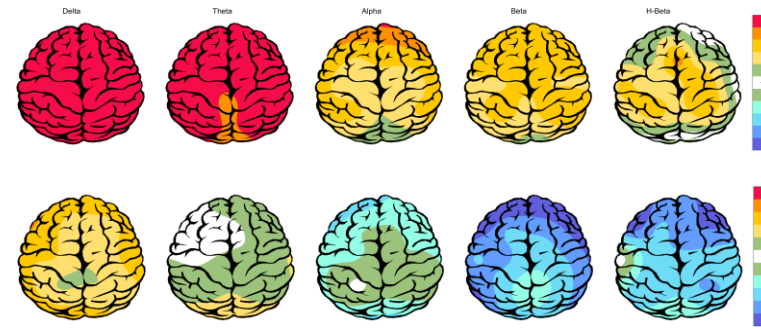
Arousal Level



APF

Posterior APF-EC= 09.88

Posterior APF-EO= 09.88

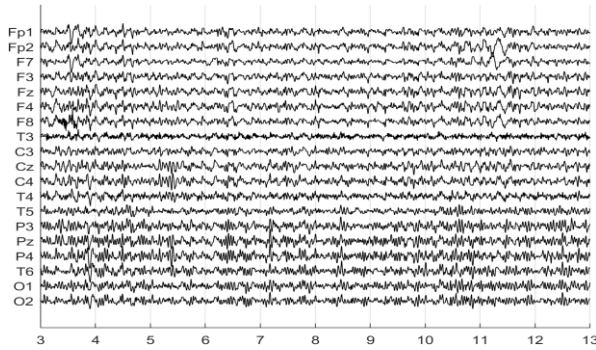


Absolute Power
Relative Power

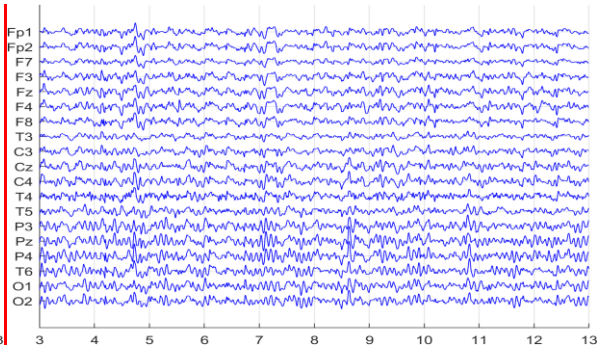
To investigate QEEG-based predicting medication response, please refer to the Report.

Denoising Information (EC)

Raw EEG



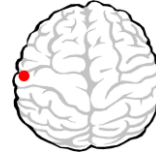
Denoised EEG



Flat Channels



Rejected Channels



Number of Eye and Muscle Elements

Eye	2	Muscle	0
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Low Artifact Percentage



Total Artifact Percentage



High Artifact Percentage



EEG Quality

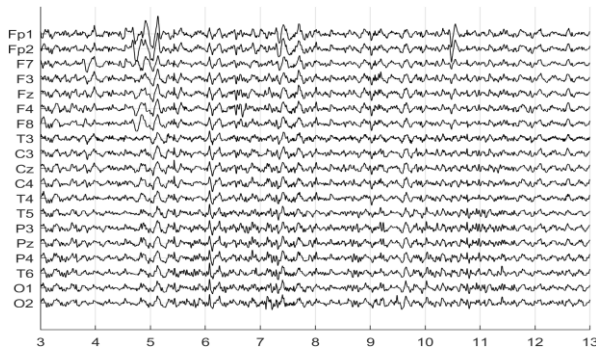
bad

Total Recording Time Remaining

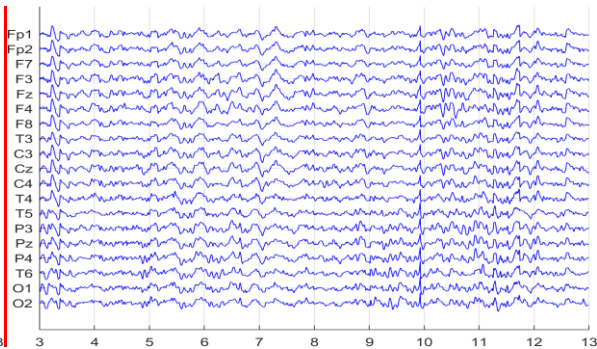
79.75 sec

Denoising Information (EO)

Raw EEG



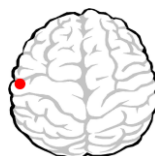
Denoised EEG



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

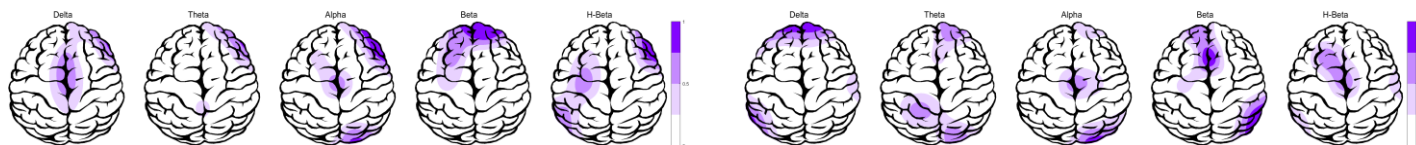
bad

Total Recording Time Remaining

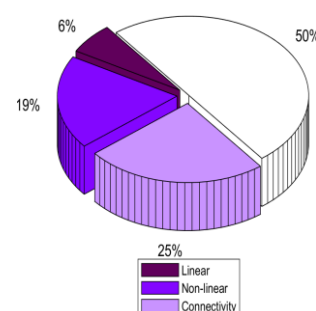
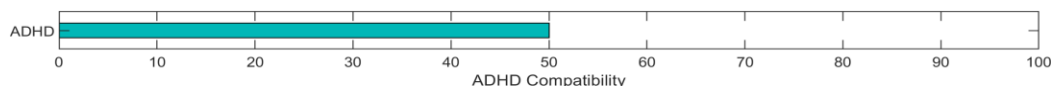
63.16 sec

Pathological assessment for ADHD

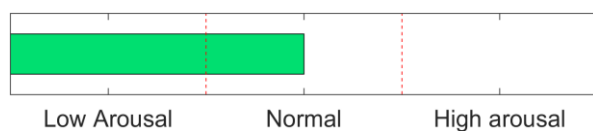
Compare to ADHD Database



EEG Compatibility with ADHD Diagnosis



Arousal Level Detection

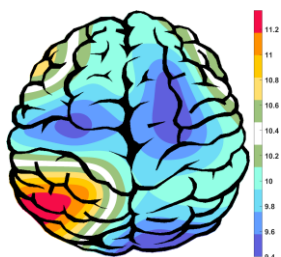


ADHD Clustering *

1. Same inattentive and hyperactive prevalence, may be anxious, may be highly intelligent, need sufficient sleep, and should avoid high carbohydrate intake. Consider clonidine

* 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.

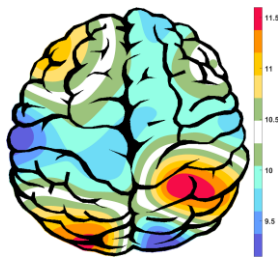
APF(EO)



Frontal APF= 09.50

Posterior APF= 09.88

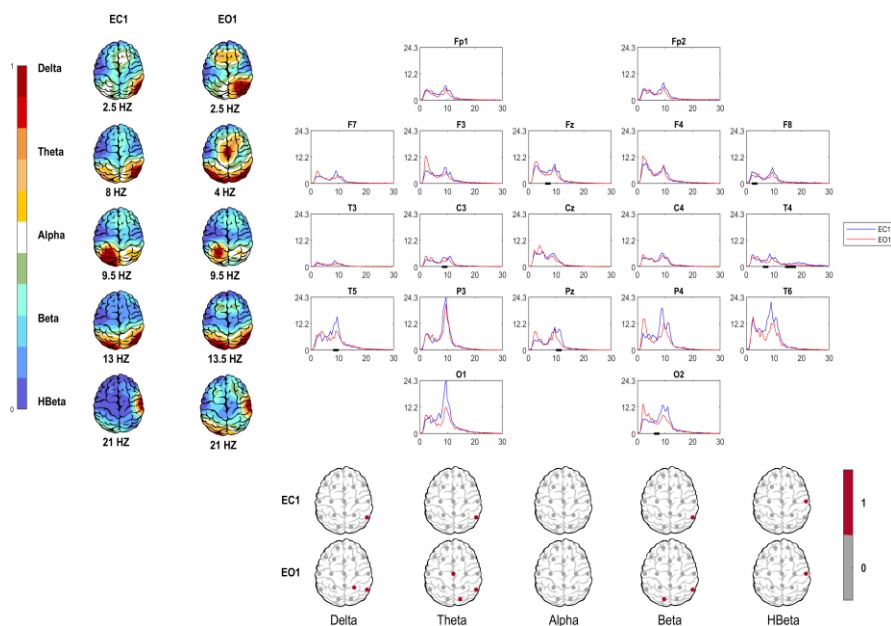
APF(EC)



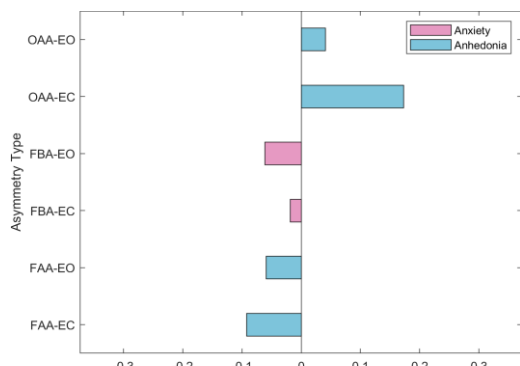
Frontal APF= 10.00

Posterior APF= 09.88

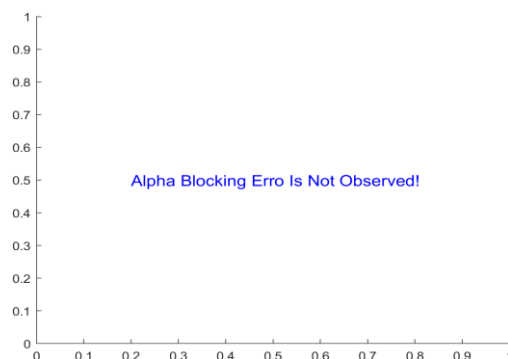
EEG Spectra



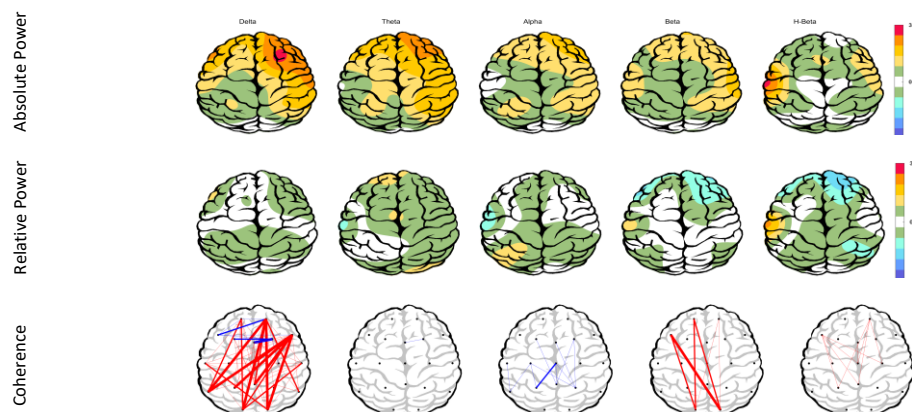
Alpha Asymmetry(AA)



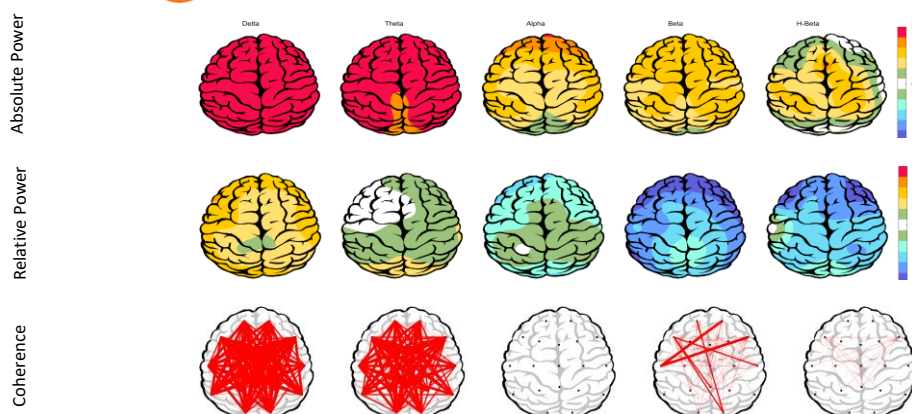
Alpha Blocking



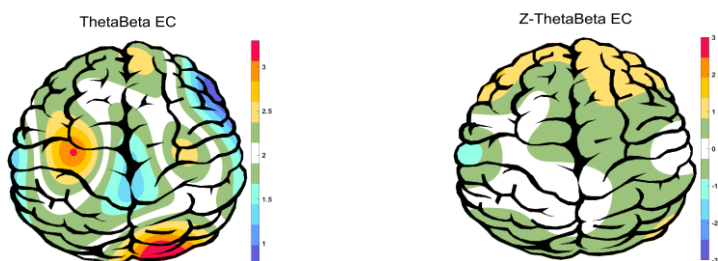
Z Score Summary Information (EC)



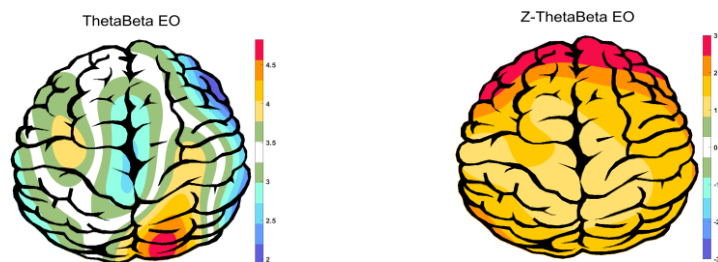
Z Score Summary Information (EO)



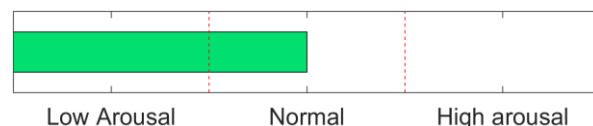
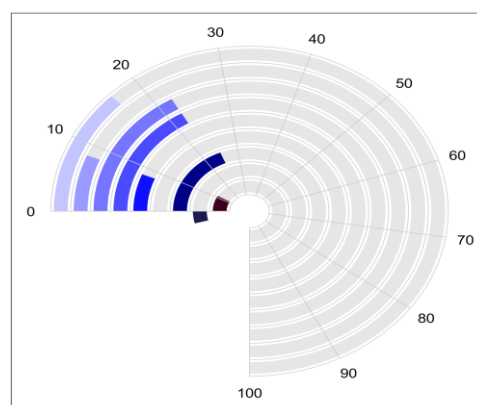
E.C.T/B Ratio (Raw- Z Score)



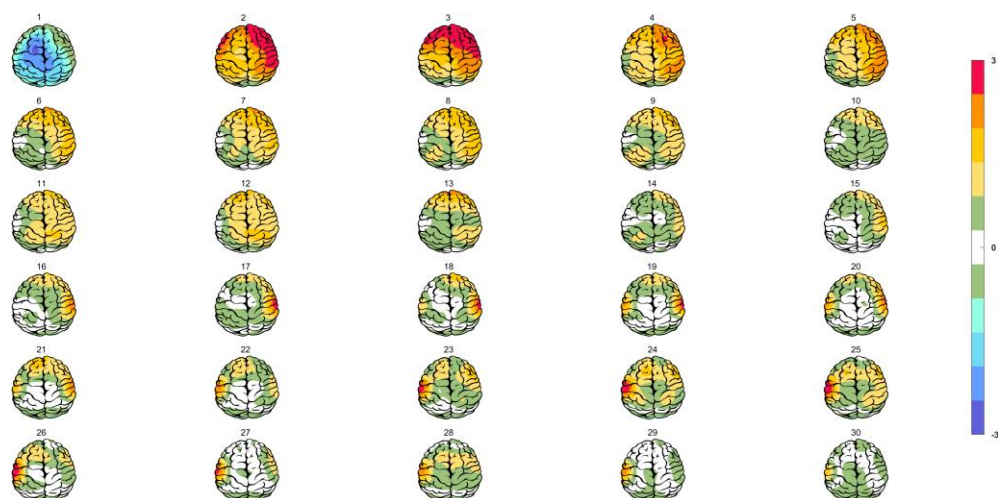
E.O.T/B Ratio (Raw- Z Score)



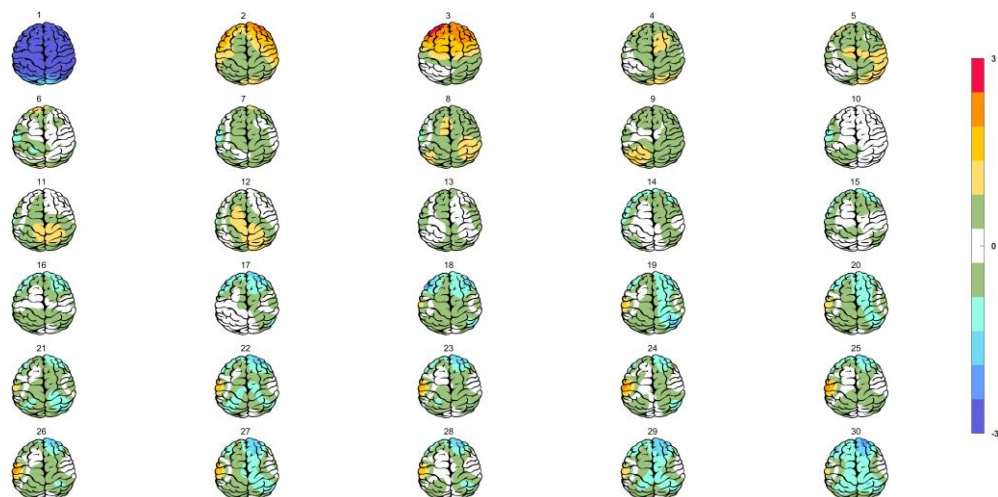
Arousal Level



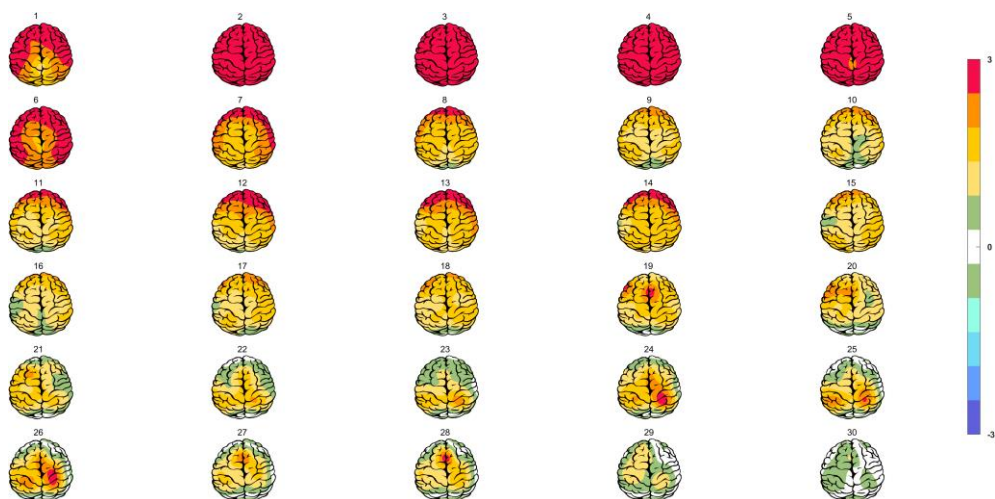
Absolute Power-Eye Closed (EC)



Relative Power-Eye Closed (EC)



Absolute Power-Eye Open (EO)



Relative Power-Eye Open (EO)

