



QEEG Clinical Report

BrainLens V0.4

Report Description



Personal & Clinical Data

Name	Amir Parsa	Date of Recording	2025-03-15
Date of Birth - Age	2016-04-25 - 8.89	Gender	Male
Handedness(R/L)	Right	Source of Referral	Dr Sajjadi
Initial Diagnosis	Depression-OCD-Rumination		
Current Medication	-		

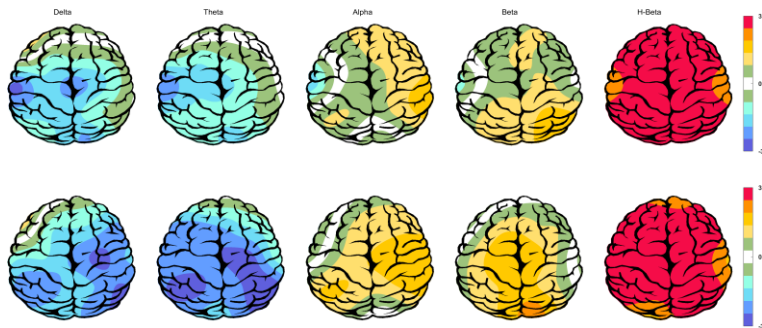
Dr Sajjadi

Summary Report

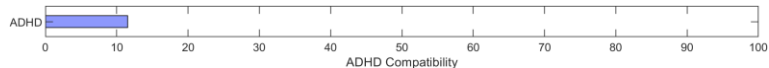
EEG Quality



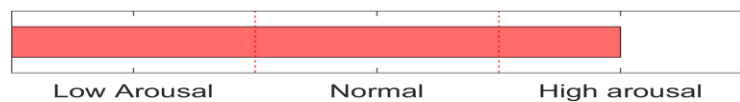
Z-score Information



Compatibility with ADHD



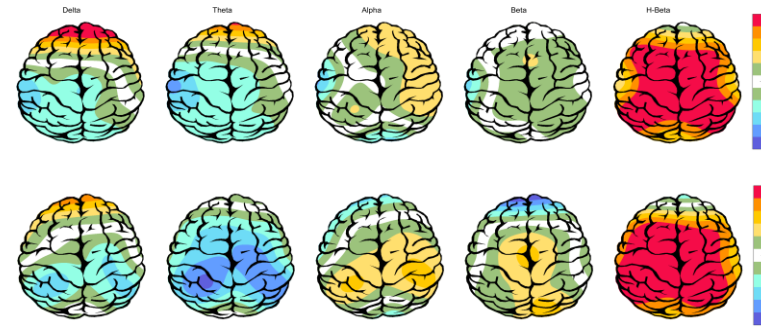
Arousal Level



APF

Posterior APF-EC= 10.50

Posterior APF-EO= 10.38

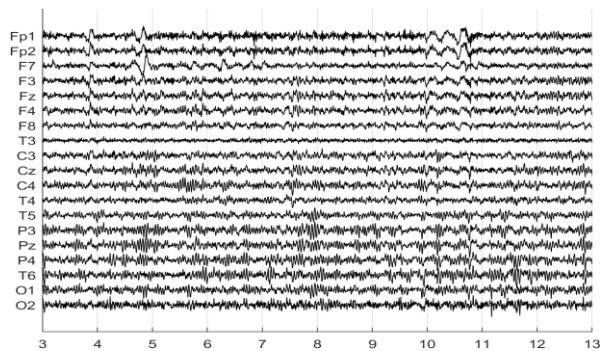


Absolute Power
Relative Power

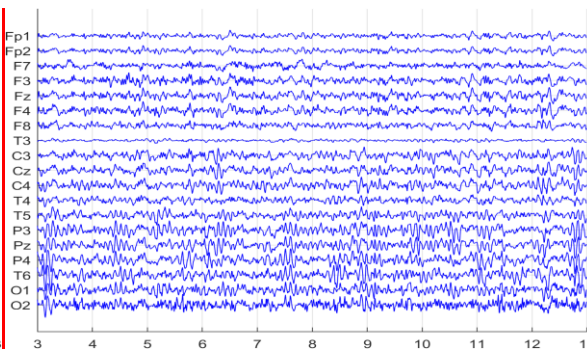
To investigate QEEG-based predicting medication response, please refer to the Report.

Denoising Information (EC)

Raw EEG



Denoised EEG



Flat Channels



Rejected Channels



Number of Eye and Muscle Elements

Eye	2	Muscle	1
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Total Artifact Percentage



EEG Quality	good
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Low Artifact Percentage



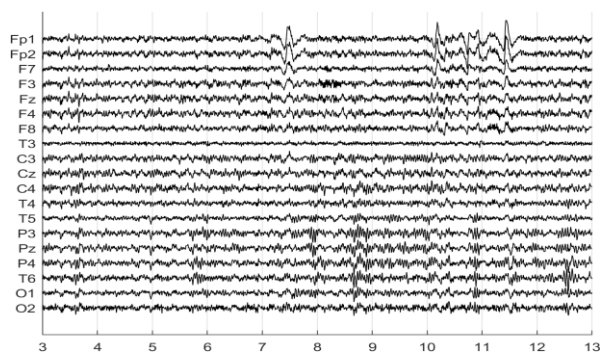
High Artifact Percentage



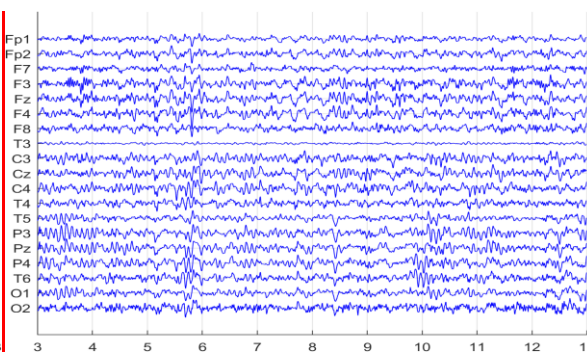
Total Recording Time Remaining	229.46 sec
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Denoising Information (EO)

Raw EEG



Denoised EEG



Flat Channels



Rejected Channels



Number of Eye and Muscle Elements

Eye	1	Muscle	1
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Total Artifact Percentage

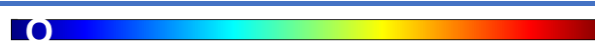


EEG Quality	good
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Low Artifact Percentage



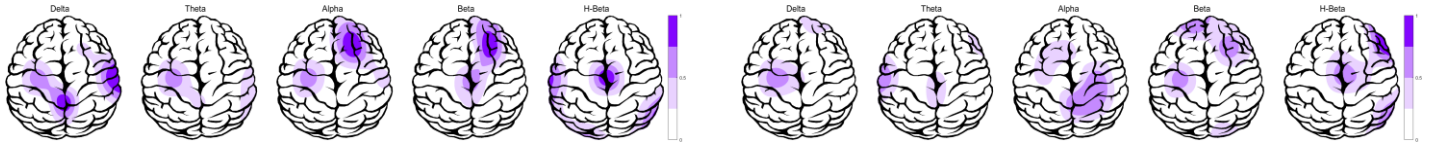
High Artifact Percentage



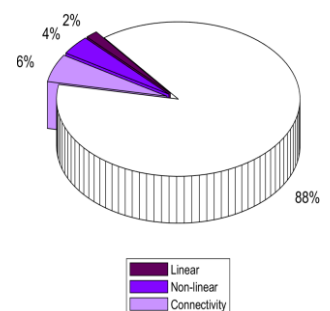
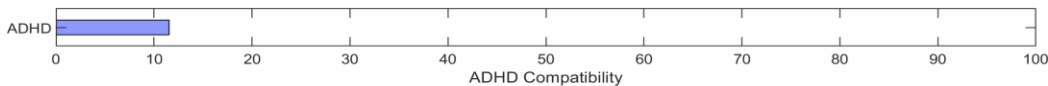
Total Recording Time Remaining	137.22 sec
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Pathological assessment for ADHD

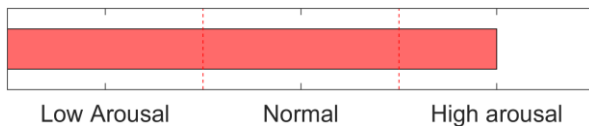
Compare to ADHD Database



EEG Compatibility with ADHD Diagnosis



Arousal Level Detection

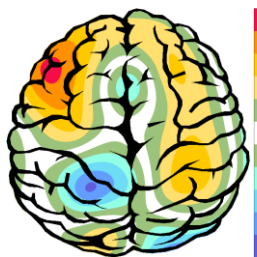


ADHD Clustering *

1. Prone to moody behavior and temper tantrums. May respond to stimulants, consider anticonvulsants or clonidine, avoid SSRI.

* 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.

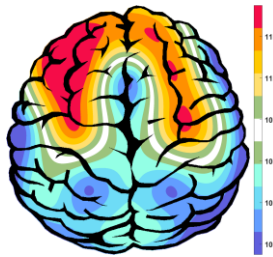
APF(EO)



Frontal APF= 10.75

Posterior APF= 10.38

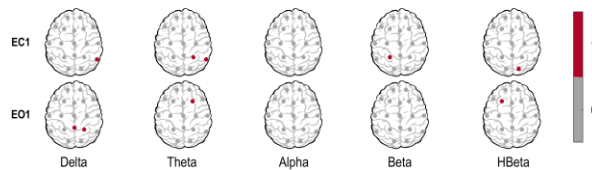
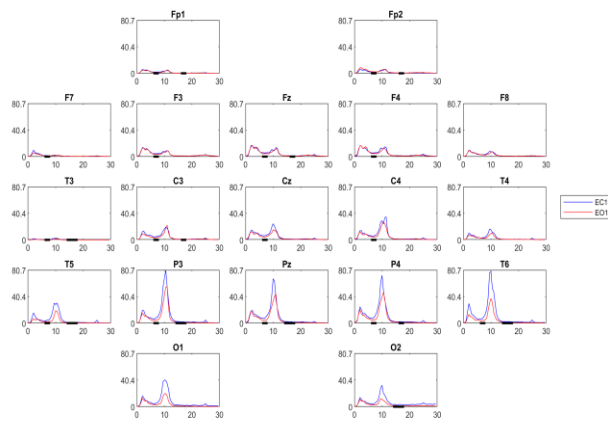
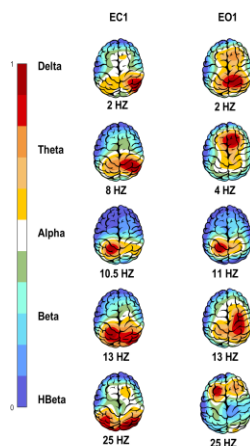
APF(EC)



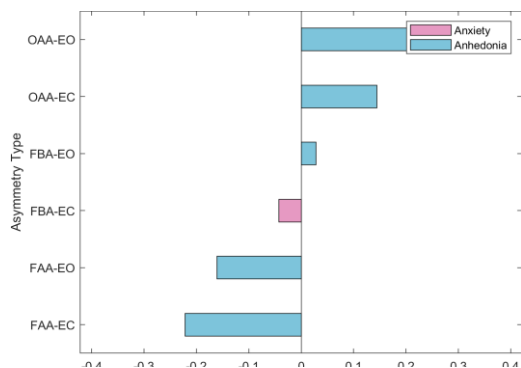
Frontal APF= 11.25

Posterior APF= 10.50

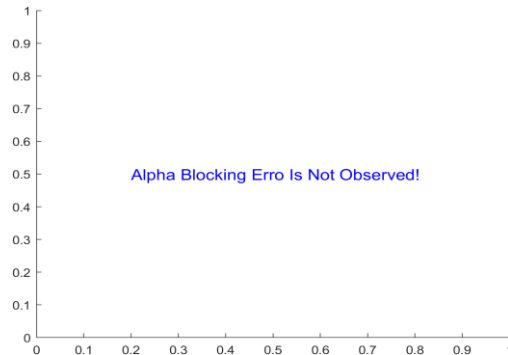
EEG Spectra



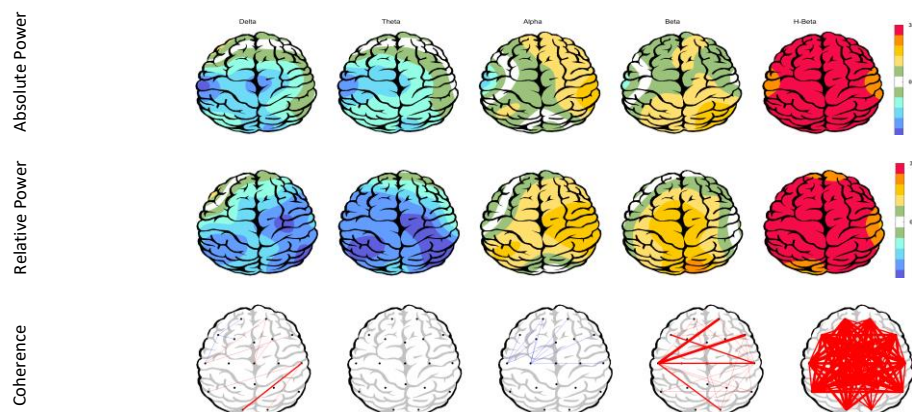
Alpha Asymmetry(AA)



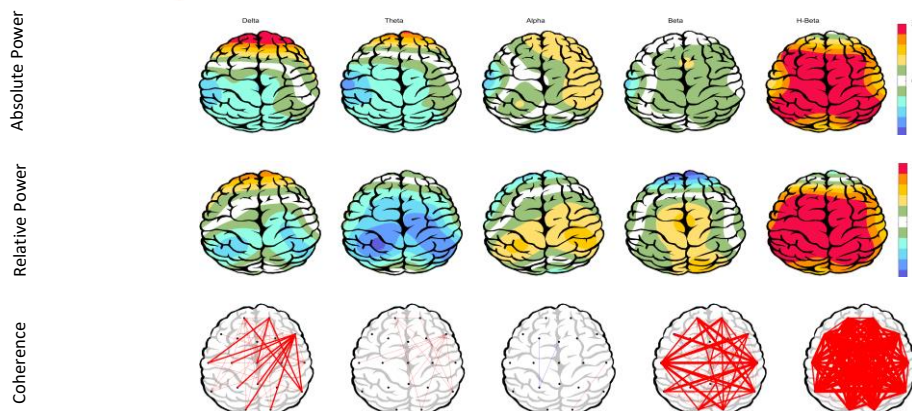
Alpha Blocking



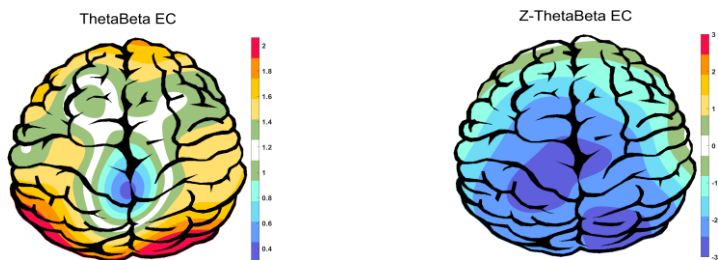
Z Score Summary Information (EC)



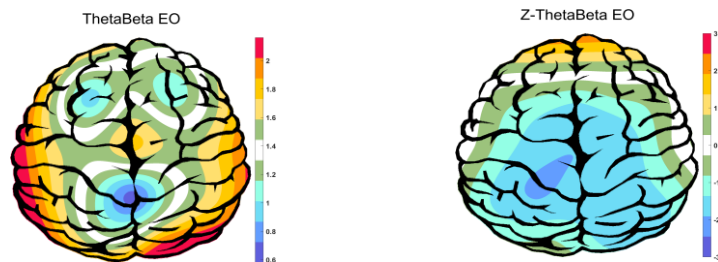
Z Score Summary Information (EO)



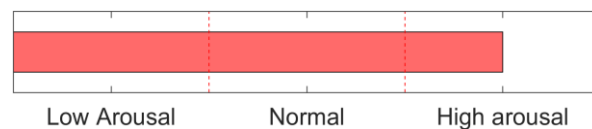
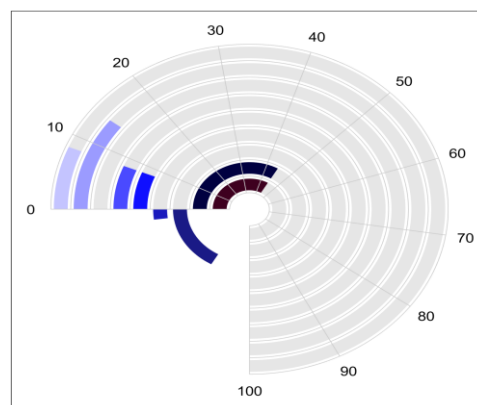
E.C.T/B Ratio (Raw- Z Score)



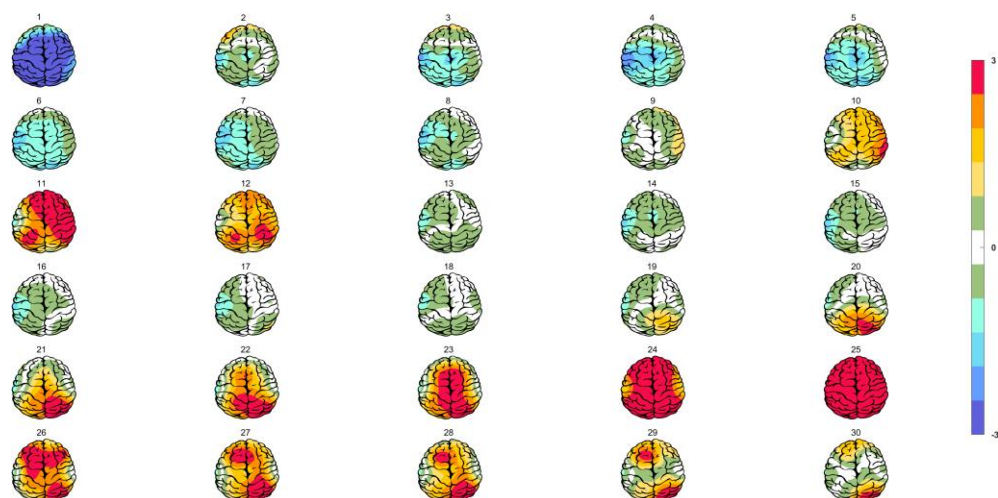
E.O.T/B Ratio (Raw- Z Score)



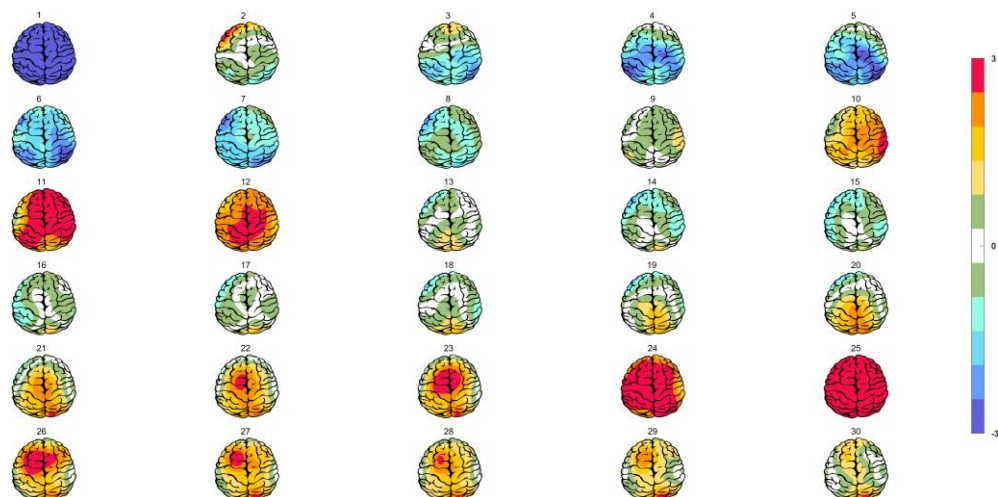
Arousal Level



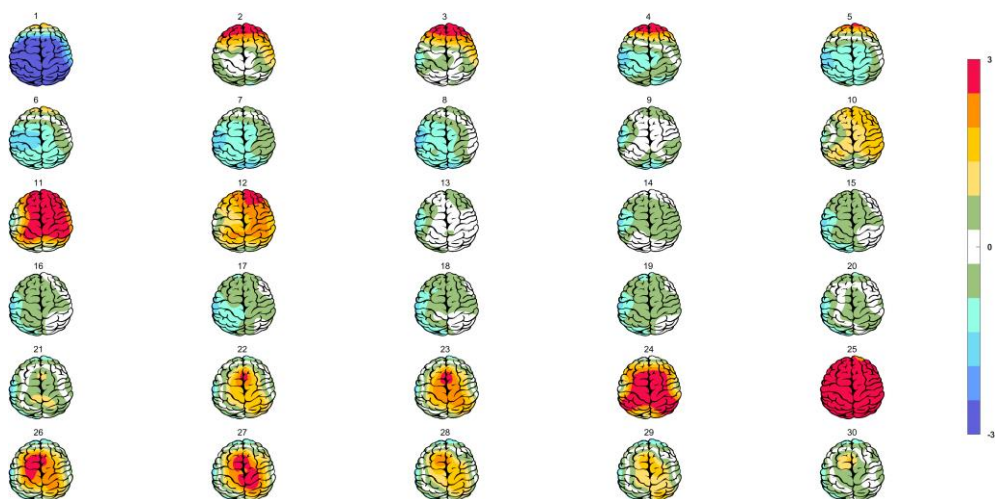
Absolute Power-Eye Closed (EC)



Relative Power-Eye Closed (EC)



Absolute Power-Eye Open (EO)



Relative Power-Eye Open (EO)

