QEEG Clinical Report

BrainLens V0.4

Report Description

Personal & Clinical Data

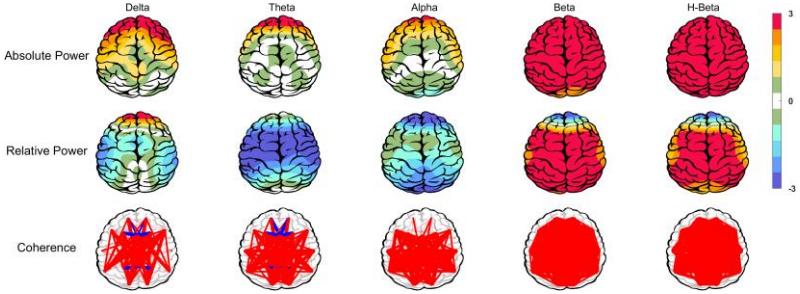
Name	Anas Masrur	Date of Recording	24-Dec-2024
Date of Birth - Age	05-Jul-2013 - 11.47	Gender	Male
Handedness(R/L)	Right	Source of Referral	Ms Jafari
Initial Diagnosis	ADHD-Aggressive-Anxiety-Attention and Concentration Problem-Boredom		
Current Medication	-		

Ms Jafari

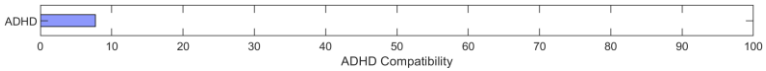
Summary Report

EEG Quality

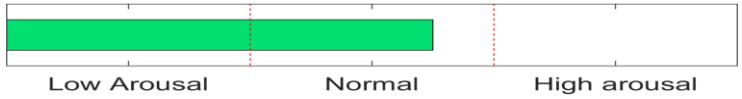
Z-score Information



Compatibility with ADHD



Arousal Level



APF

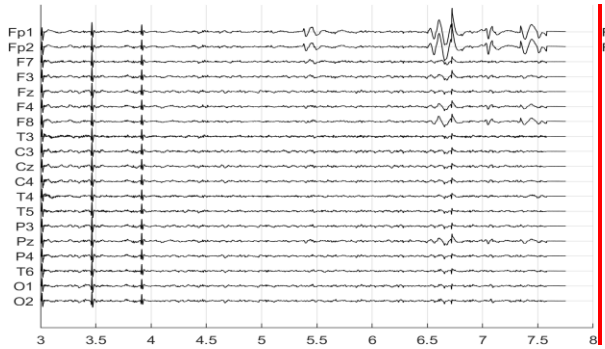
Posterior APF-EC= 11.00

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

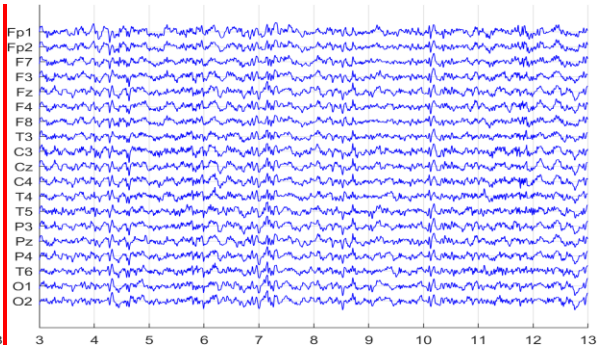
Anas Masrur\Ms Jafari

Denoising Information (EC)

Raw EEG



Denoised EEG



Flat Channels

Rejected Channels

Number of Eye and Muscle Elements				Low Artifact Percentage
Eye	2	**Muscle**	2	
Total Artifact Percentage				**High Artifact Percentage**
EEG Quality	bad			**Total Recording Time Remaining** 26.89 sec

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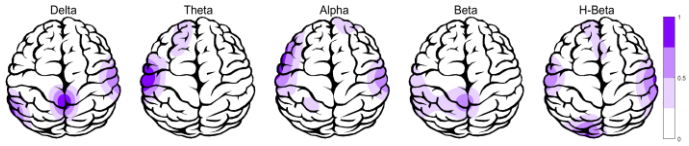
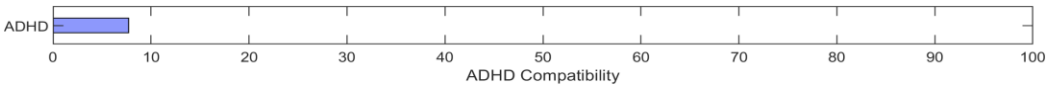
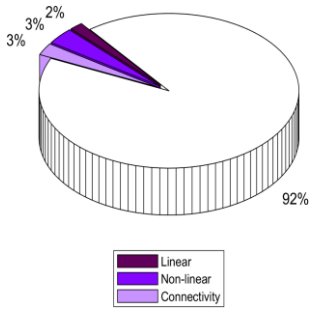
Pathological assessment for ADHD

Compare to ADHD Database

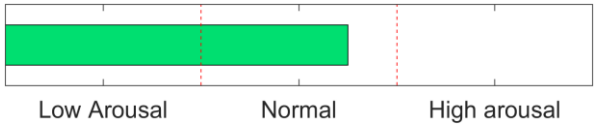


EEG Compatibility with ADHD Diagnosis





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.

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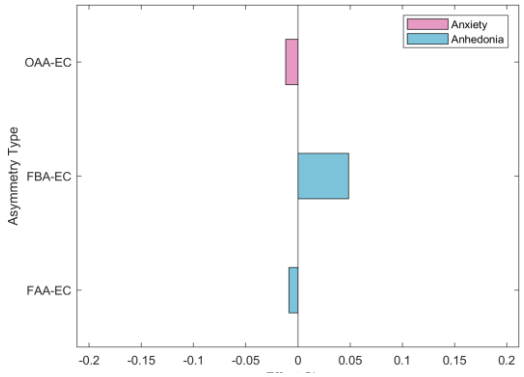
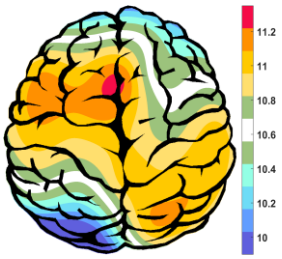
Alpha Asymmetry(AA)



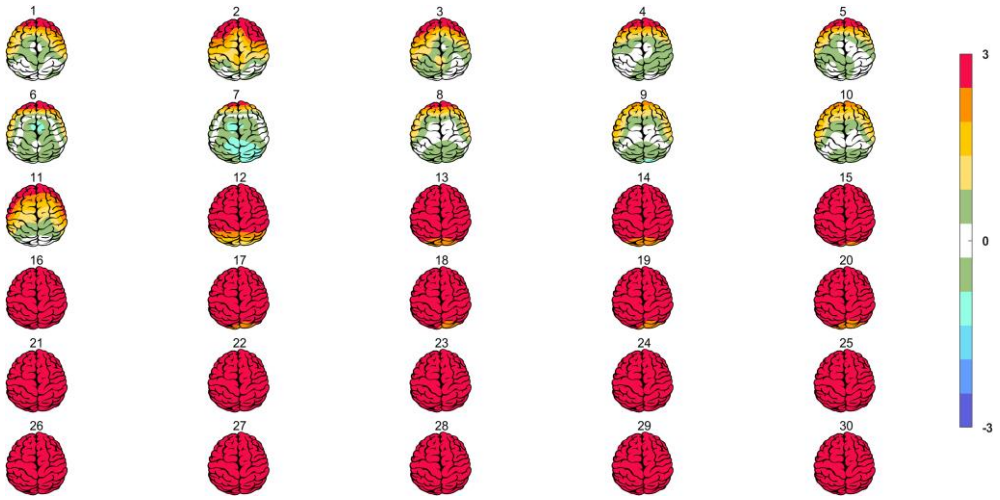
APF(EC)



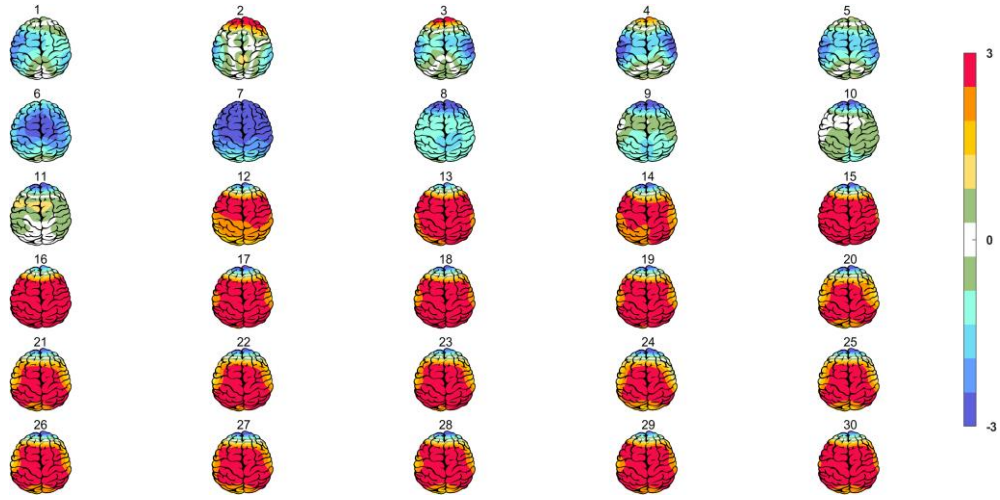
Frontal APF= 10.75

Posterior APF= 11.00

Absolute Power-Eye Closed (EC)



Relative Power-Eye Closed (EC)



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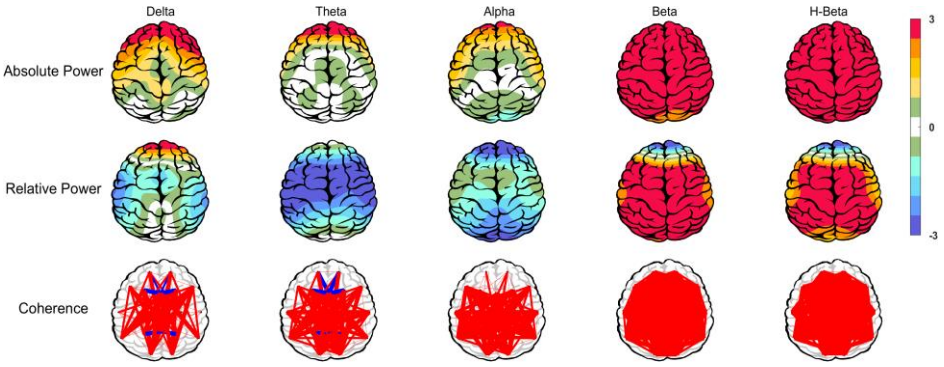
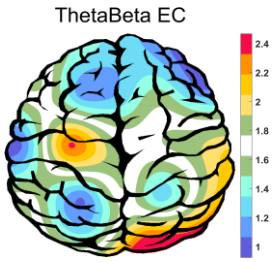
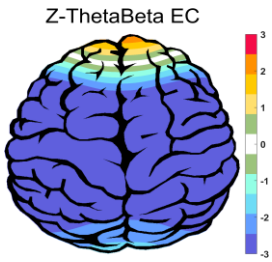
Z Score Summary Information (EC)

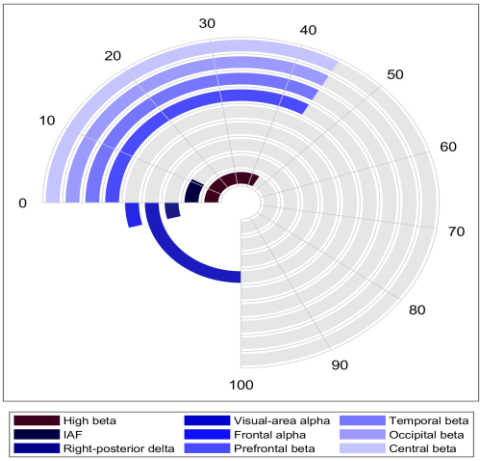


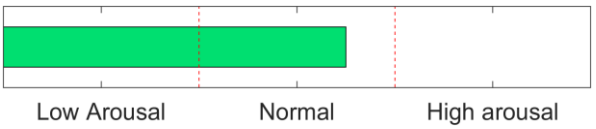
E.C.T/B Ratio (Raw- Z Score)





Arousal Level





EEG Spectra