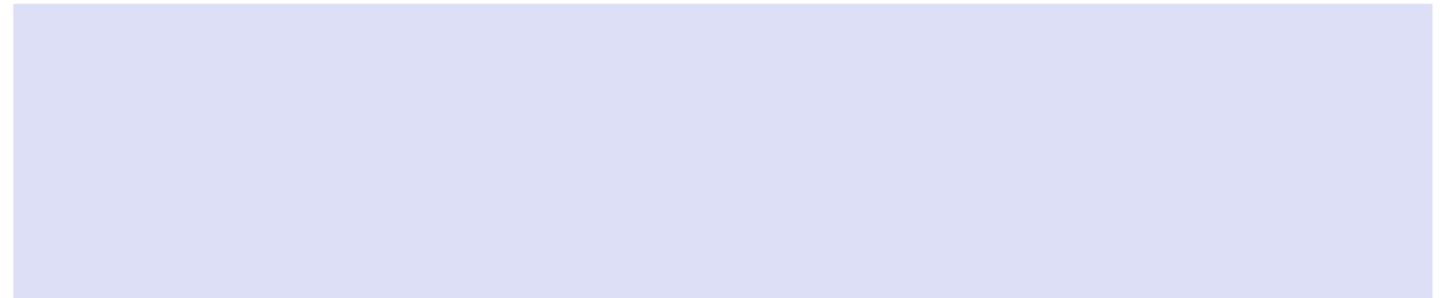




## QEEG Clinical Report

BrainLens V0.4

### Report Description



### Personal & Clinical Data

|                     |                                    |                    |             |
|---------------------|------------------------------------|--------------------|-------------|
| Name                | Hadis Tofighi                      | Date of Recording  | 09-Jan-2025 |
| Date of Birth - Age | 17-Feb-2014 - 10.89                | Gender             | Female      |
| Handedness(R/L)     | Right                              | Source of Referral | Ms Samiei   |
| Initial Diagnosis   | ADD-Anxiety-Low Executive Function |                    |             |
| Current Medication  | -                                  |                    |             |

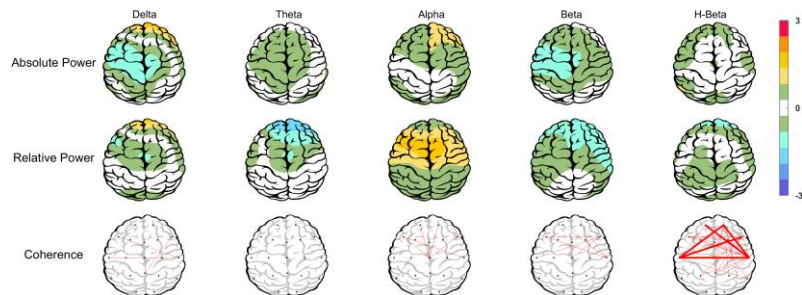
Ms Samiei

# Summary Report

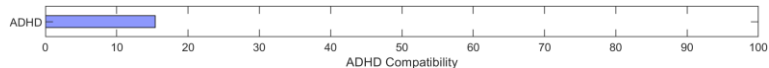
## EEG Quality



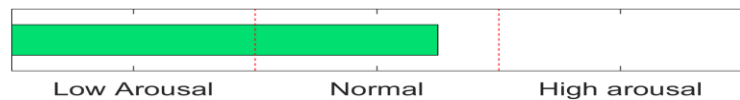
## Z-score Information



## Compatibility with ADHD



## Arousal Level



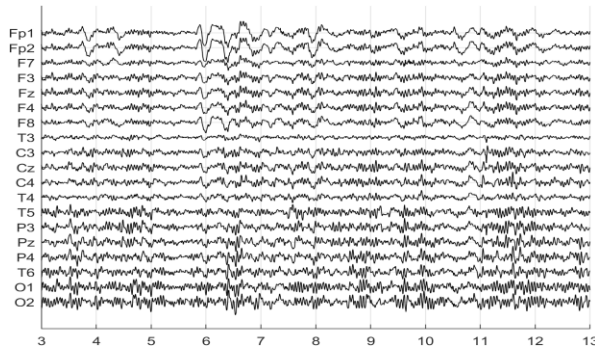
## APF

Posterior APF-EC= 10.00

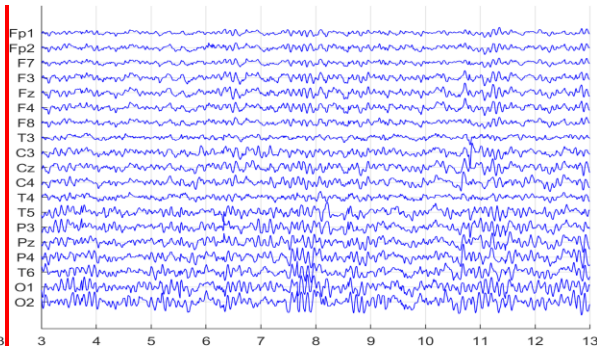
To investigate QEEG-based predicting medication response, please refer to the Report.

## Denoising Information (EC)

Raw EEG



Denoised EEG



Flat Channels



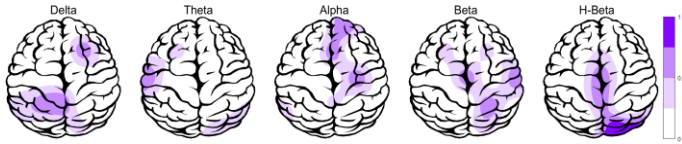
Rejected Channels



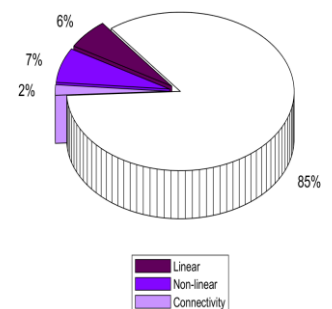
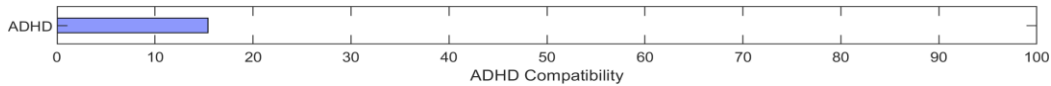
| Number of Eye and Muscle Elements |   |        |   | Low Artifact Percentage        |            |
|-----------------------------------|---|--------|---|--------------------------------|------------|
| Eye                               | 2 | Muscle | 0 |                                |            |
| Total Artifact Percentage         |   |        |   | High Artifact Percentage       |            |
|                                   |   |        |   |                                |            |
| EEG Quality                       |   | good   |   | Total Recording Time Remaining | 171.30 sec |

## Pathological assessment for ADHD

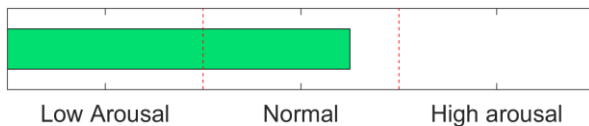
### Compare to ADHD Database



### EEG Compatibility with ADHD Diagnosis



### Arousal Level Detection

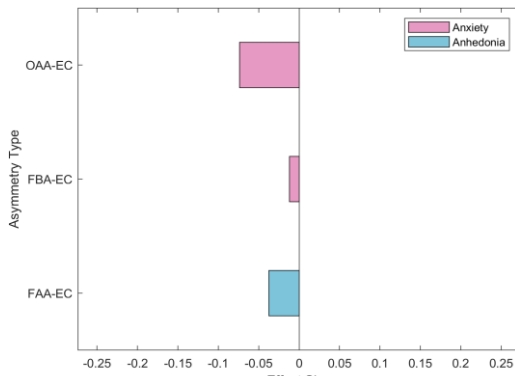


### ADHD Clustering \*

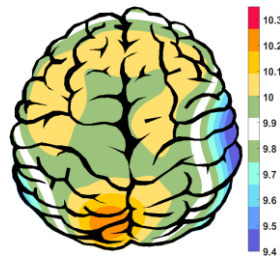
1. Least impulsive group, almost only inattentive. May respond to stimulants.

\* 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)



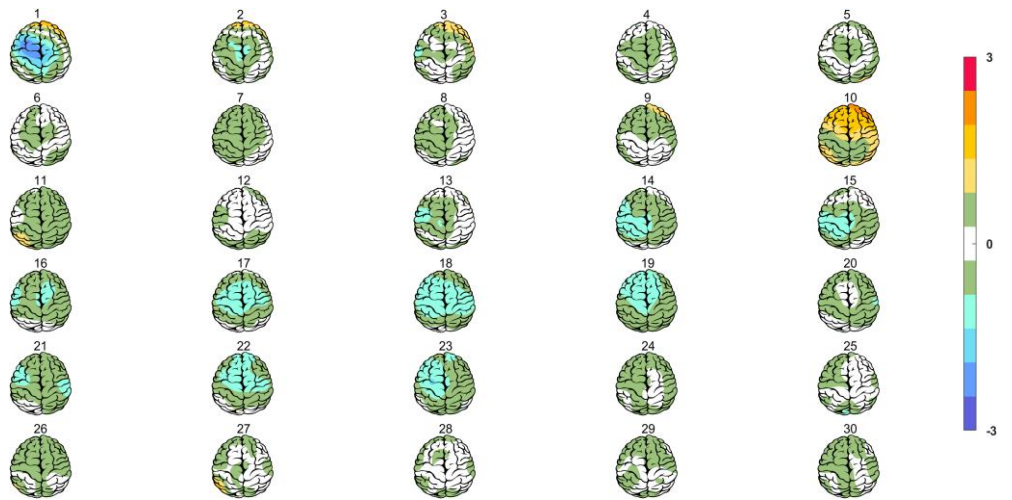
## APF(EC)



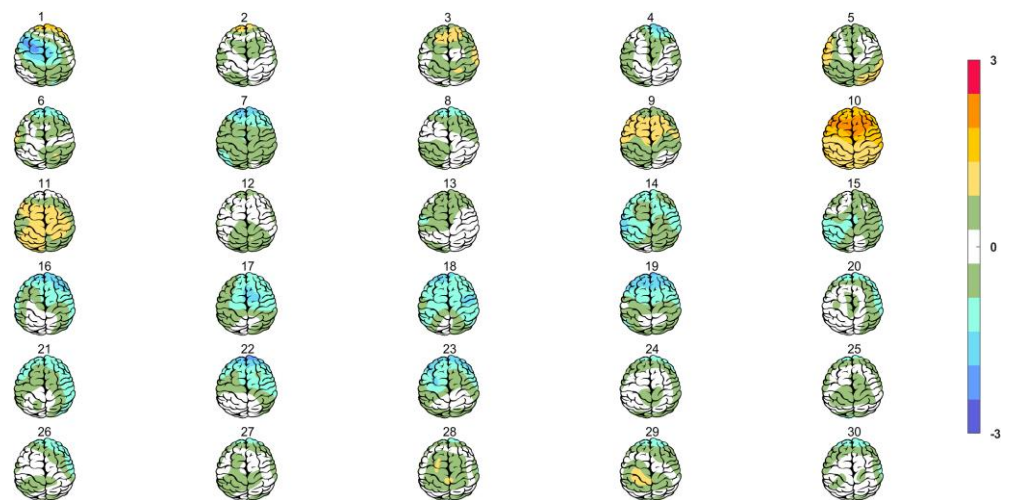
Frontal APF= 10.00

Posterior APF= 10.00

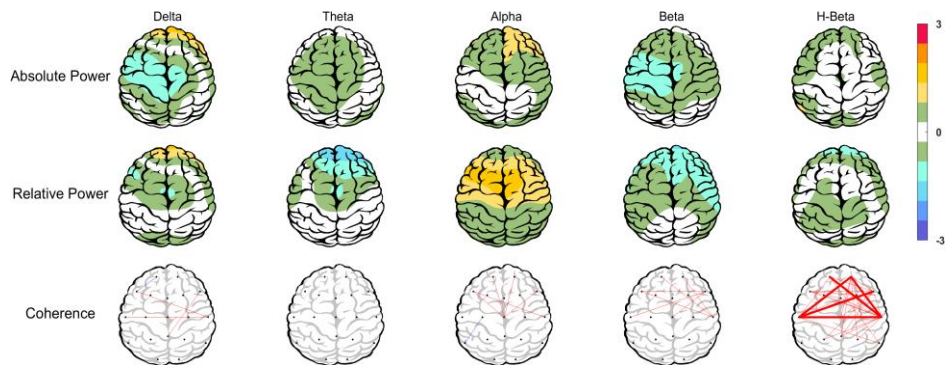
## Absolute Power-Eye Closed (EC)



## Relative Power-Eye Closed (EC)



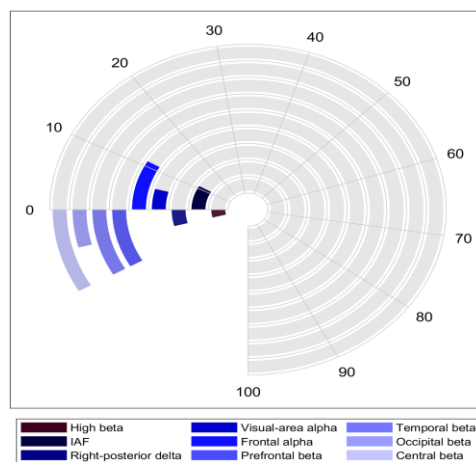
## Z Score Summary Information (EC)



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



## Arousal Level



## EEG Spectra

