



QEEG Clinical Report

BrainLens V0.4

Report Description



Personal & Clinical Data

Name	Mohammad Ali Ghorbani	Date of Recording	2025-03-18
Date of Birth - Age	1956-08-10 - 68.61	Gender	Male
Handedness(R/L)	Right	Source of Referral	Ms Samiei
Initial Diagnosis	Stroke		
Current Medication	-		

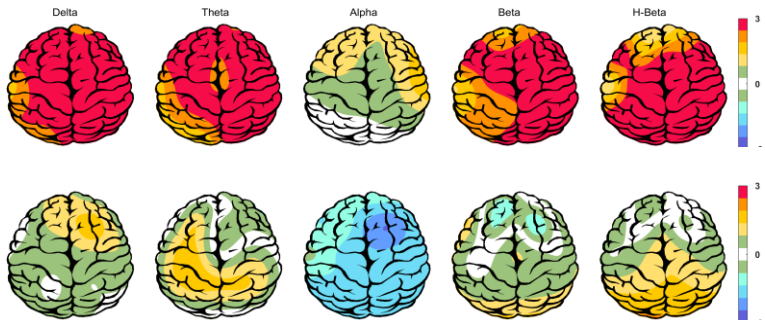
Ms Samiei

Summary Report

EEG Quality

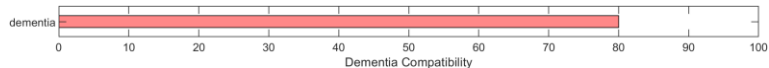


Z-score Information

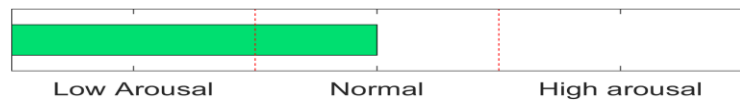


Absolute Power
Relative Power

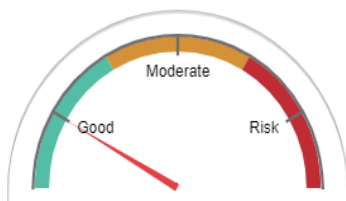
Compatibility with Dementia



Arousal Level



Cognitive Performance



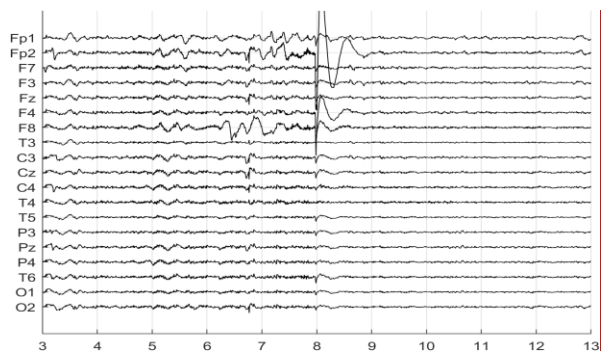
APF

Posterior APF-EO= 11.75

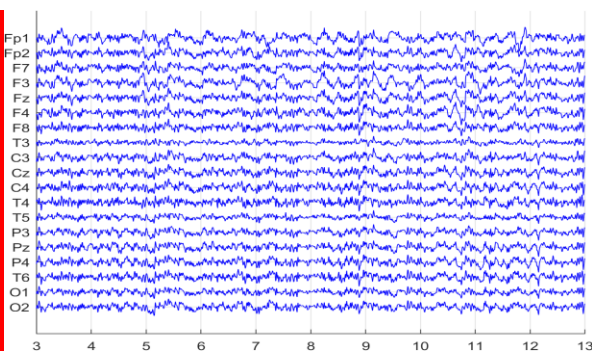
To investigate QEEG-based predicting medication response, please refer to the Report.

Denoising Information (EO)

Raw EEG



Denoised EEG



Flat Channels



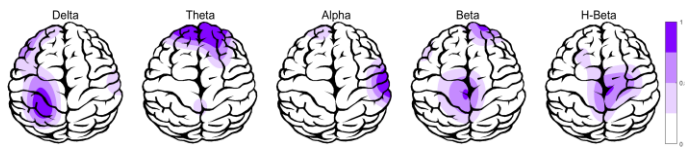
Rejected Channels



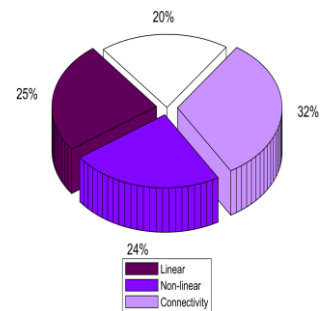
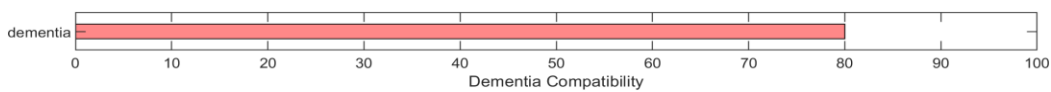
Number of Eye and Muscle Elements				Low Artifact Percentage	
Eye	3	Muscle	0		
Total Artifact Percentage				High Artifact Percentage	
EEG Quality		good		Total Recording Time Remaining	250.23 sec

Pathological Assessment for Dementia

Compare to Dementia Database



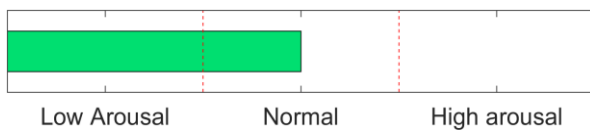
EEG Compatibility with Dementia Diagnosis



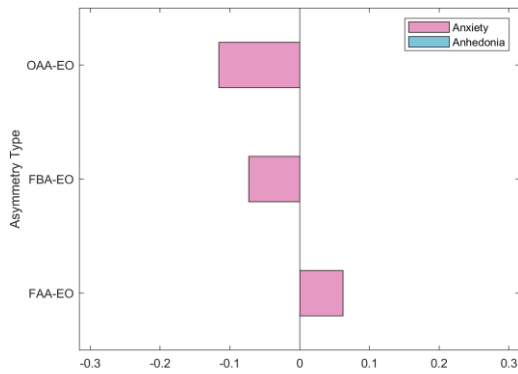
Cognitive Functions Assessment



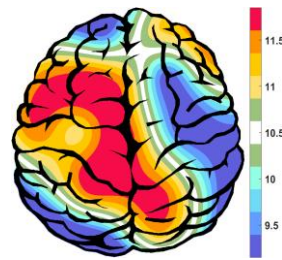
Arousal Level Detection



Alpha Asymmetry(AA)



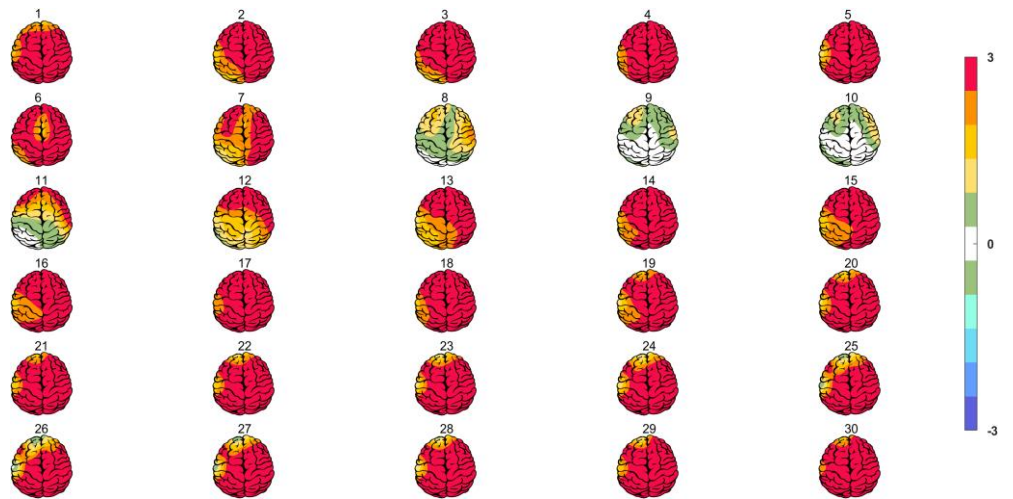
APF(EO)



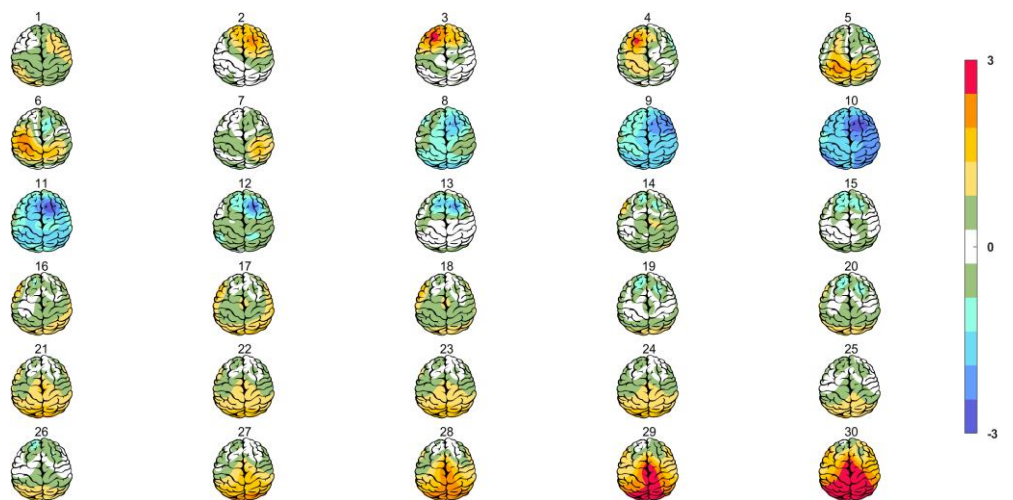
Frontal APF= 09.83

Posterior APF= 11.75

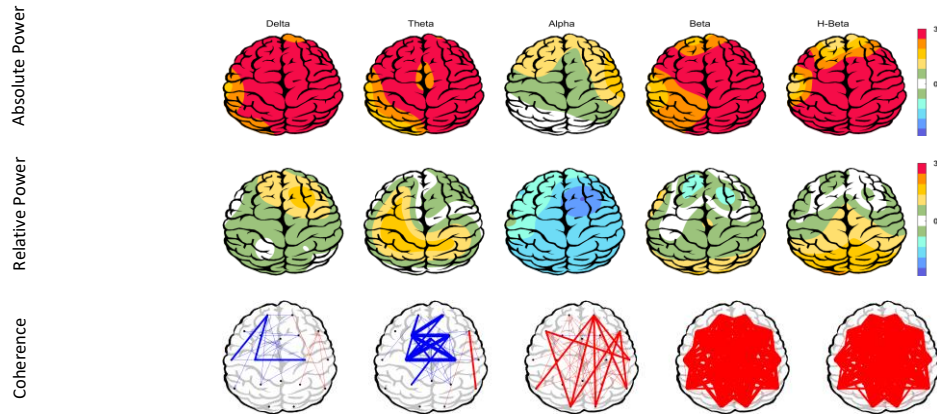
Absolute Power-Eye Open (EO)



Relative Power-Eye Open (EO)



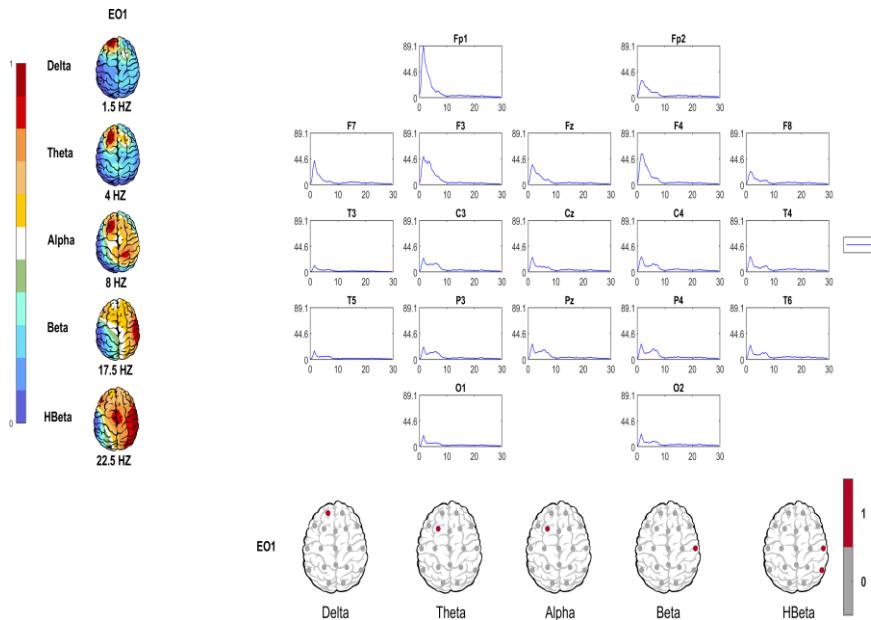
Z Score Summary Information (EO)



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



EEG Spectra



Arousal Level

