



QEEG Clinical Report

BrainLens V0.4



Report Description

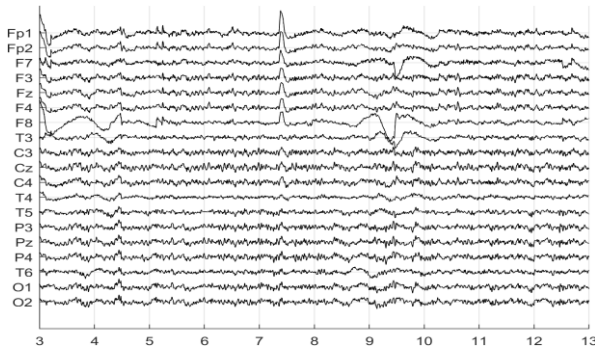
Personal & Clinical Data

Name	Fateme Rezaei	Date of Recording	03-Oct-2024
Date of Birth - Age	27-Apr-2008 - 16.43	Gender	Female
Handedness(R/L)	Left	Source of Referral	Reyhan Clinic-Dr Javadifar
Initial Diagnosis	ADHD-Anxiety-Social Anxiety		
Current Medication	Medication Free		

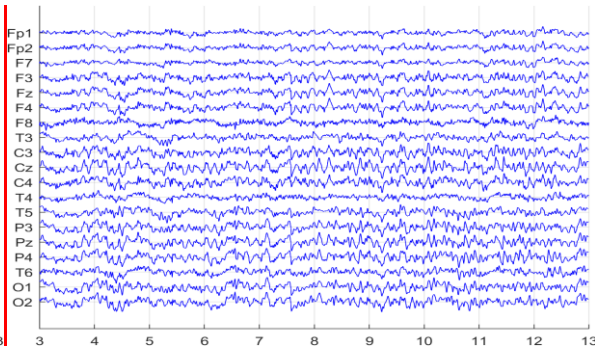
Reyhan Clinic-Dr Javadifar

Denoising Information (EC)

Raw EEG



Denoised EEG



Flat Channels



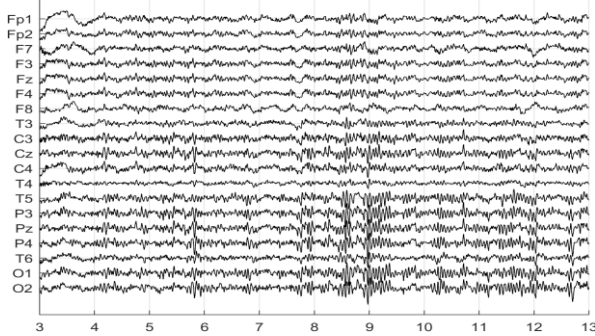
Rejected Channels



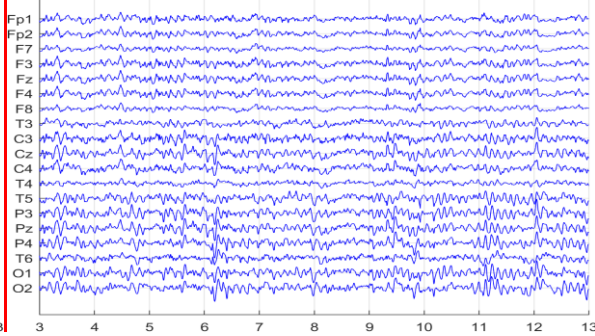
Number of Eye and Muscle Elements				Low Artifact Percentage	
Eye	3	Muscle	0		
Total Artifact Percentage				High Artifact Percentage	
EEG Quality		good		Total Recording Time Remaining	
				209.38 sec	

Denoising Information (EO)

Raw EEG



Denoised EEG



Flat Channels



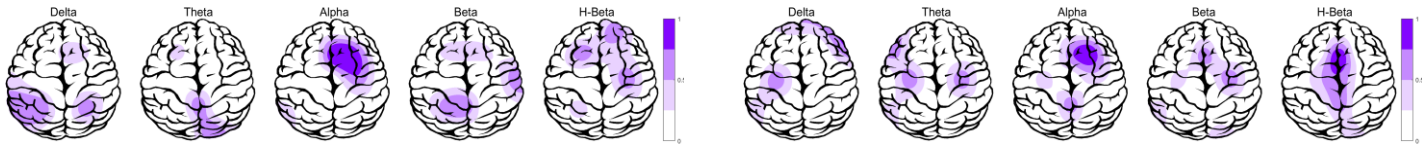
Rejected Channels



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	
				259.67 sec	

Pathological assessment for ADHD

Compare to ADHD Database



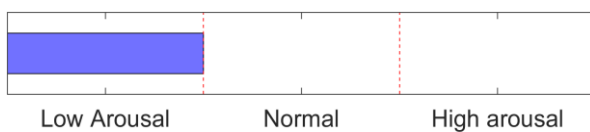
EEG Compatibility with ADHD Diagnosis

ADHD Table	EC		EO	
Feature Name	Threshold	Region	Threshold	Region
Increased rDelta	1.00	global	0.00	NAN
Increased rTheta	0.00	NAN	0.50	frontal
Increased rAlpha	0.00	NAN	0.50	global
Increased rBeta	0.00	NAN	0.00	frontal
Decreased SMR	0.00	NAN	0.00	NAN
Increased T/B Ratio	0.50	Fz and Cz	0.50	Fz

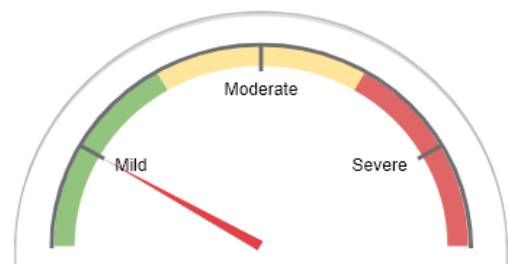
ADHD Compatibility: 0 to 100

ADHD Probability

Arousal Level Detection



ADHD Severity



ADHD Clustering *

1. Same inattentive and hyperactive prevalence. Well respond to stimulants.

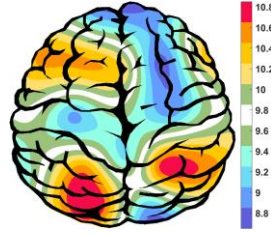
APF(EO)



Frontal APF= 09.75

Posterior APF= 09.38

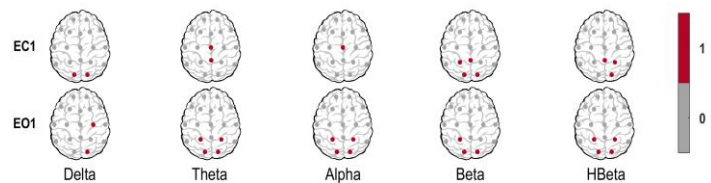
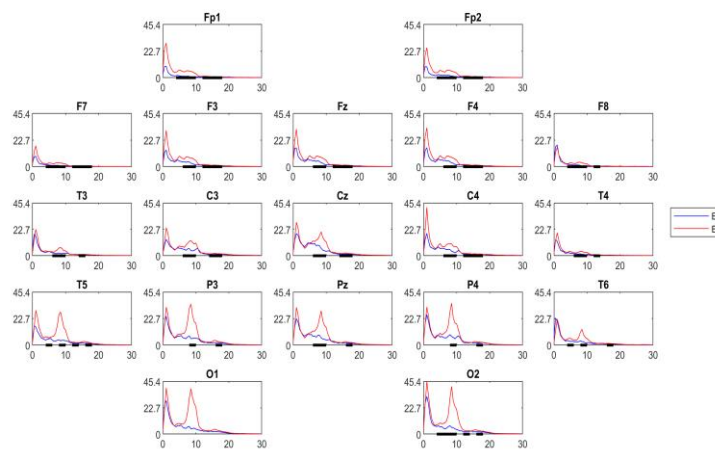
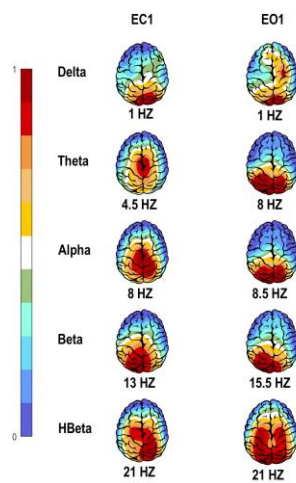
APF(EC)



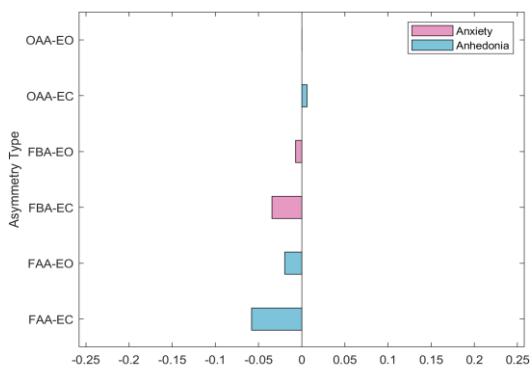
Frontal APF= 08.92

Posterior APF= 09.38

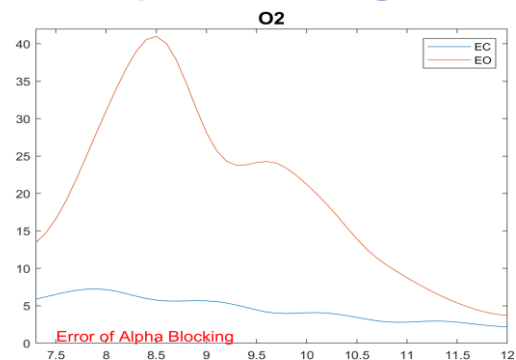
EEG Spectra



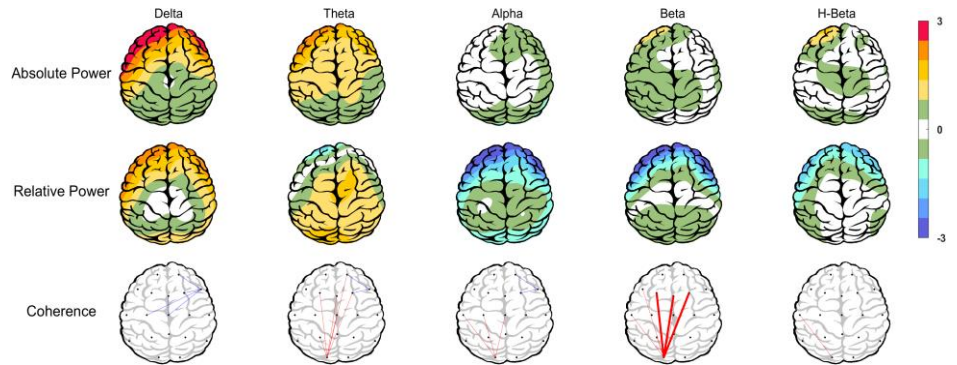
Alpha Asymmetry(AA)



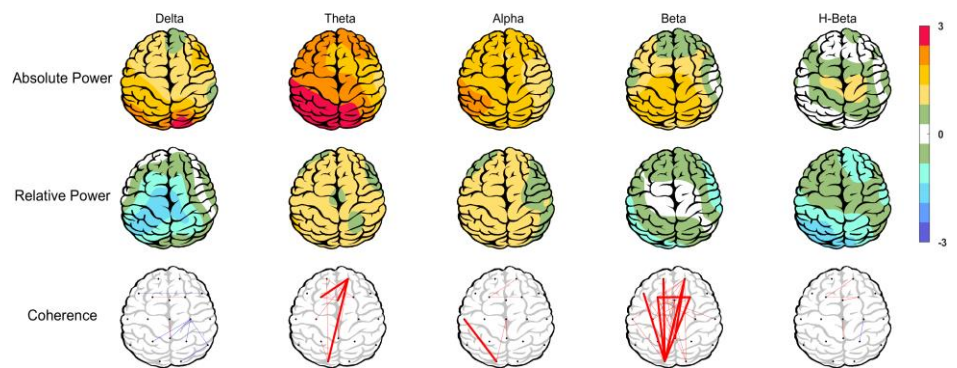
Alpha Blocking



Z Score Summary Information (EC)



Z Score Summary Information (EO)



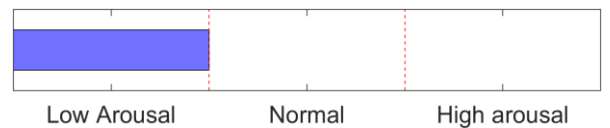
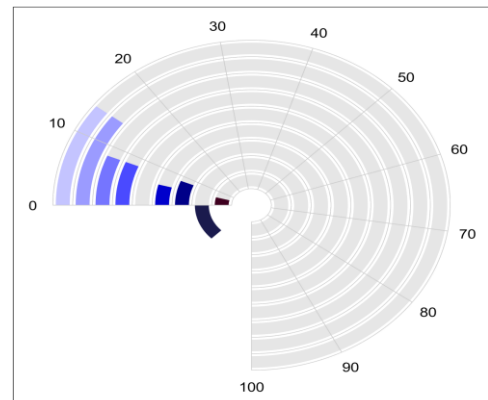
E.C.T/B Ratio (Raw- Z Score)



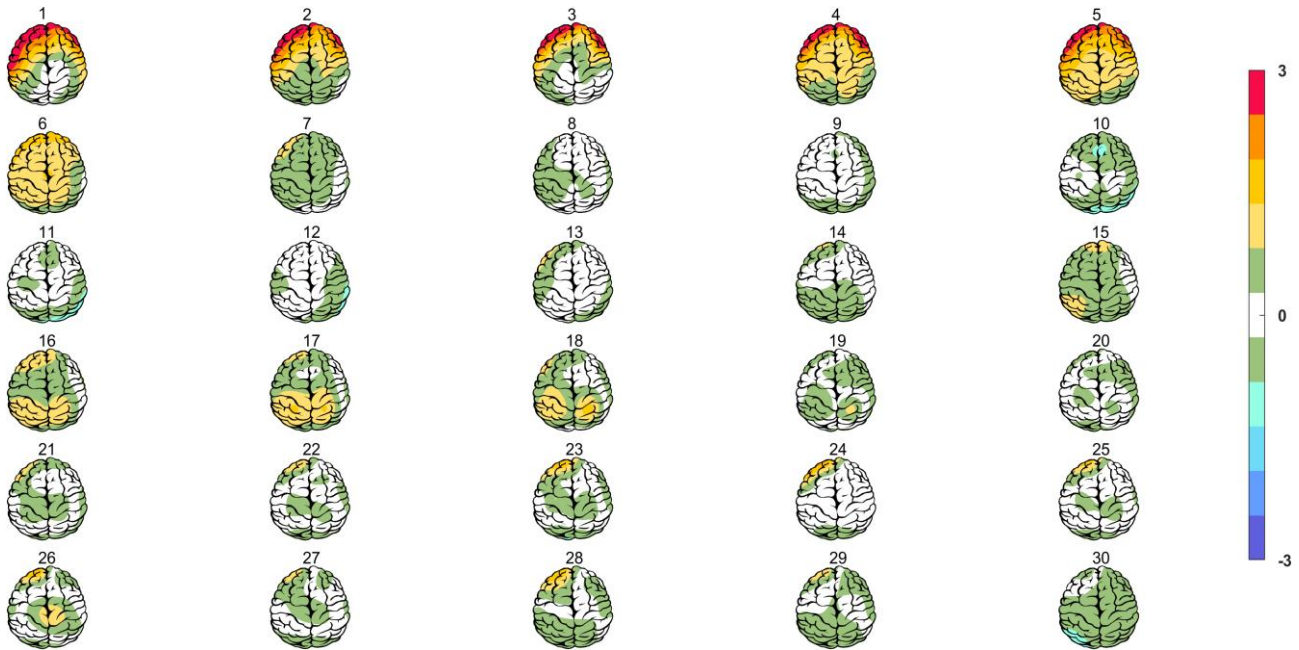
E.O.T/B Ratio (Raw- Z Score)



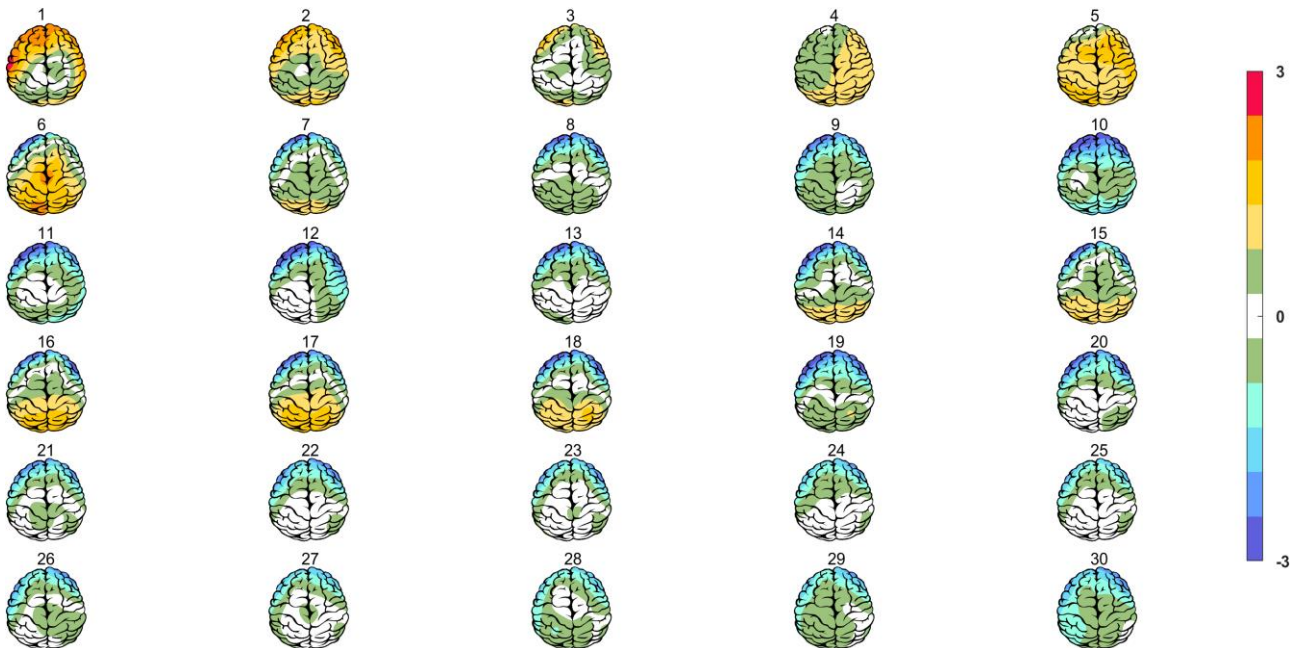
Arousal Level



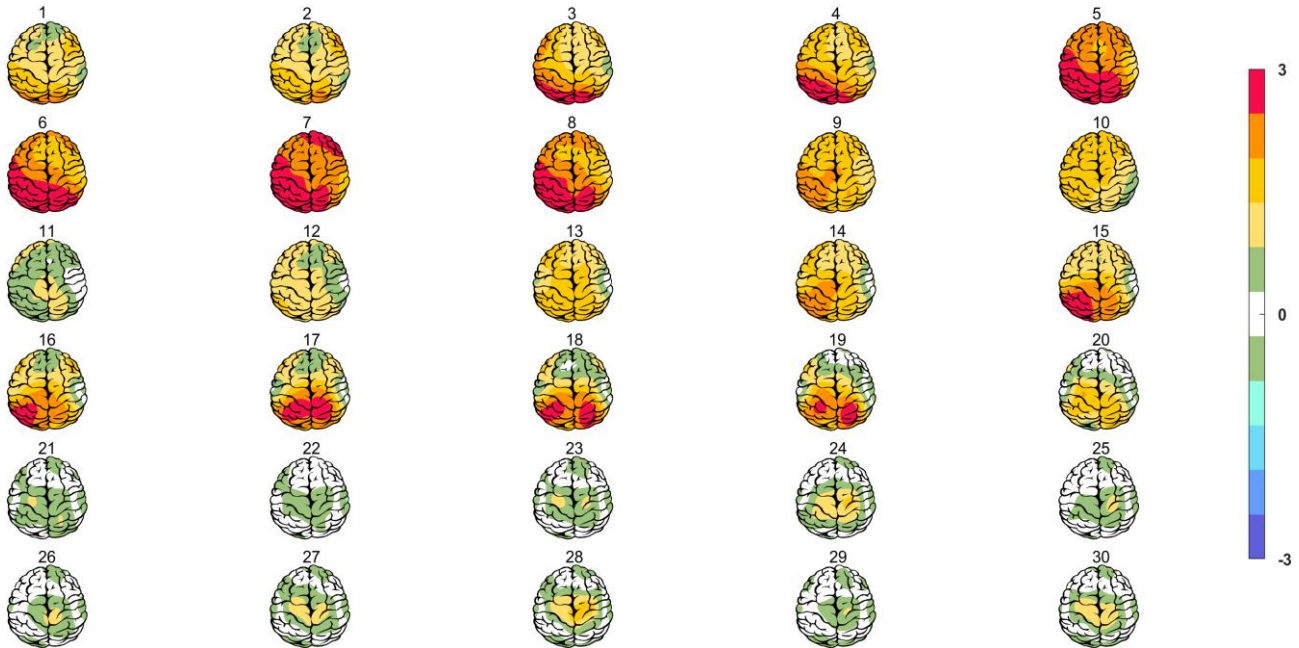
Absolute Power-Eye Closed (EC)



Relative Power-Eye Closed (EC)



Absolute Power-Eye Open (EO)



Relative Power-Eye Open (EO)

