



QEEG Clinical Report

BrainLens V0.4

Report Description

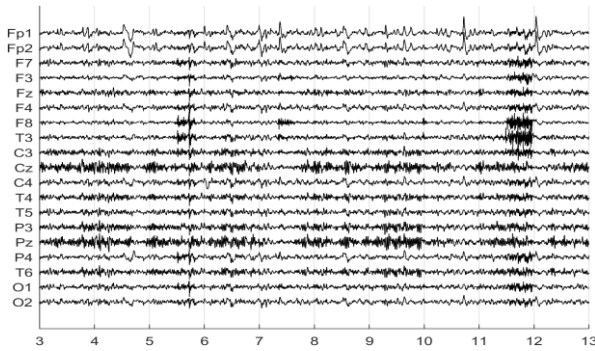
Personal & Clinical Data

Name	Parsa Bakhshalizade	Date of Recording	13-Oct-2024
Date of Birth - Age	10-May-2011 - 13.42	Gender	Male
Handedness(R/L)	Left	Source of Referral	Dr Haghi
Initial Diagnosis	ADD,Anxiety,ODD		
Current Medication	Medication Free		

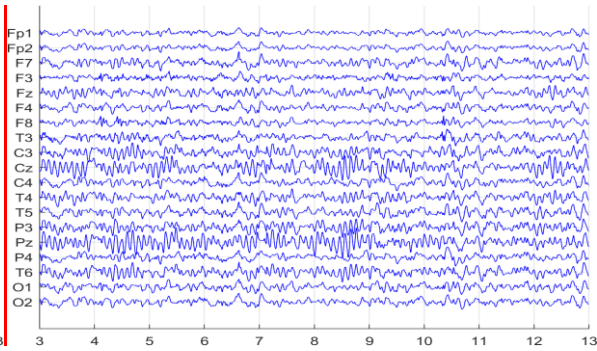
Dr Haghi

Denoising Information (EC)

Raw EEG



Denoised EEG



Flat Channels



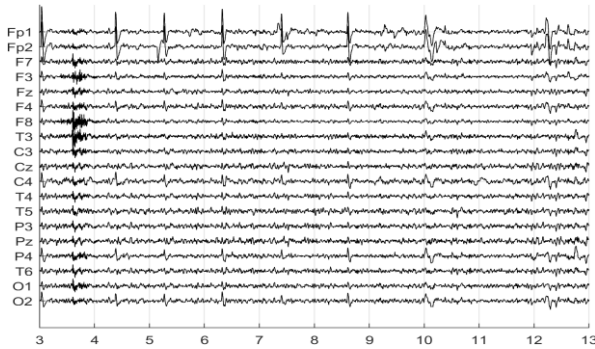
Rejected Channels



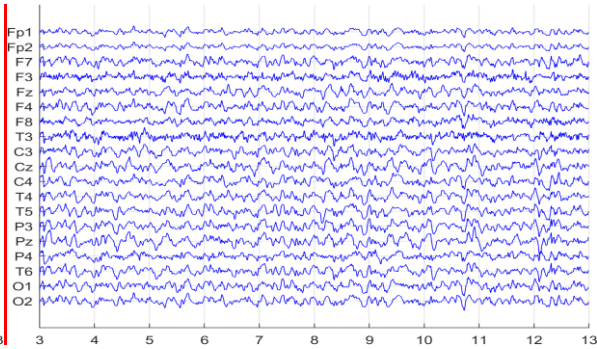
Number of Eye and Muscle Elements				Low Artifact Percentage	
Eye	2	Muscle	0		
Total Artifact Percentage				High Artifact Percentage	
EEG Quality		bad		Total Recording Time Remaining	
				291.29 sec	

Denoising Information (EO)

Raw EEG



Denoised EEG



Flat Channels



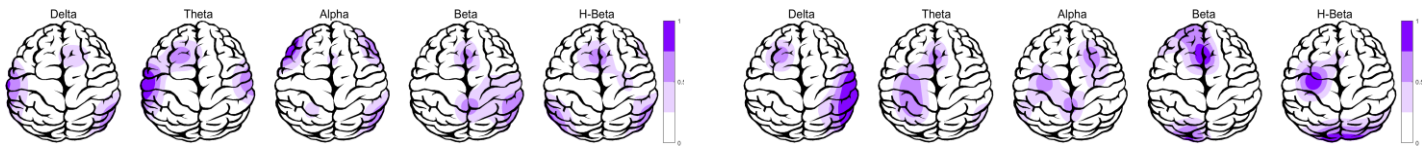
Rejected Channels



Number of Eye and Muscle Elements				Low Artifact Percentage	
Eye	2	Muscle	0		
Total Artifact Percentage				High Artifact Percentage	
EEG Quality		bad		Total Recording Time Remaining	
				297.90 sec	

Pathological assessment for ADHD

Compare to ADHD Database



EEG Compatibility with ADHD Diagnosis

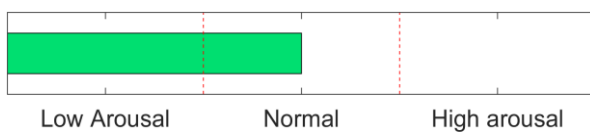
ADHD Table	EC		EO	
Feature Name	Threshold	Region	Threshold	Region
Increased rDelta	0.50	global	1.00	global
Increased rTheta	0.00	NAN	1.00	frontal
Increased rAlpha	0.00	NAN	0.00	NAN
Increased rBeta	0.00	NAN	0.00	frontal
Decreased SMR	-0.50	global	-1.00	global
Increased T/B Ratio	0.50	Cz	1.50	Fz and Cz

ADHD

ADHD Compatibility

ADHD Probability

Arousal Level Detection



ADHD Clustering *

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

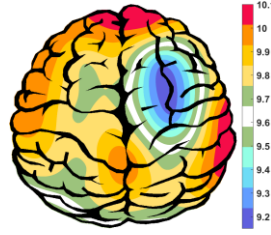
APF(EO)



Frontal APF= 09.25

Posterior APF= 09.12

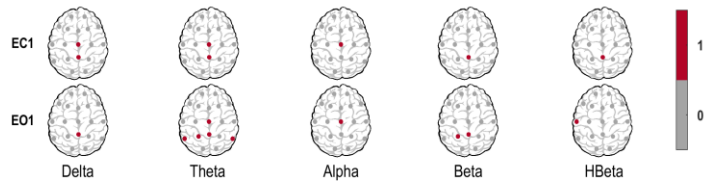
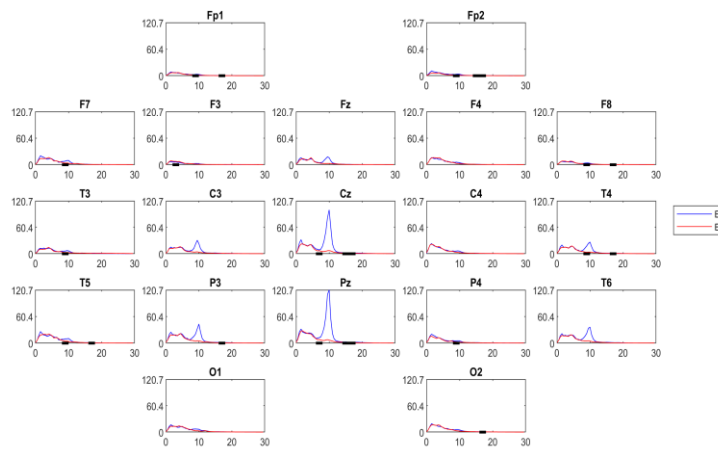
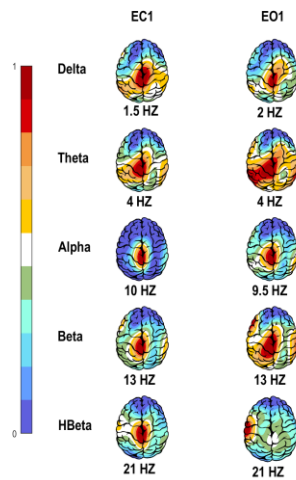
APF(EC)



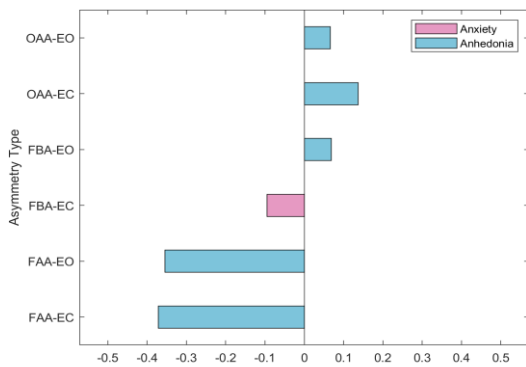
Frontal APF= 09.42

Posterior APF= 09.88

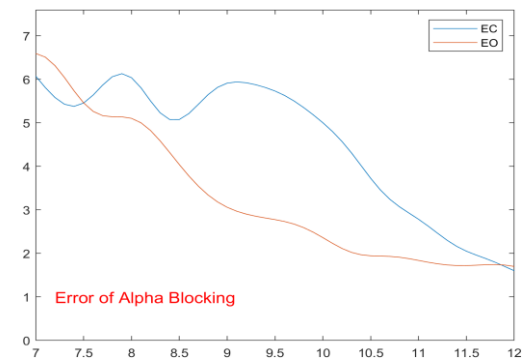
EEG Spectra



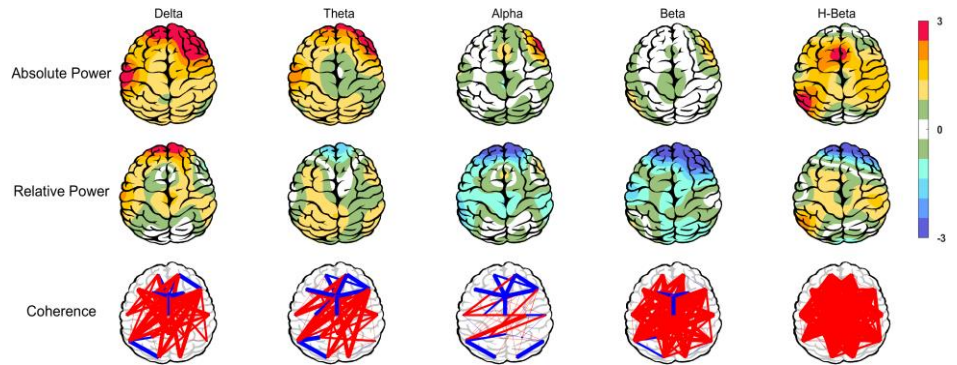
Alpha Asymmetry(AA)



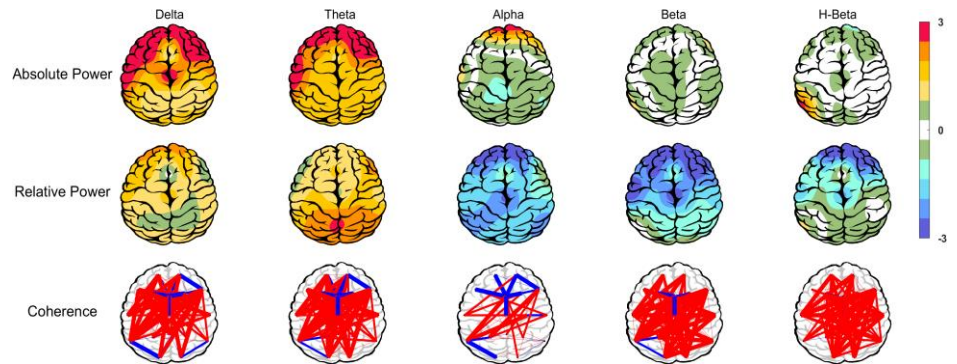
Alpha Blocking



Z Score Summary Information (EC)



Z Score Summary Information (EO)



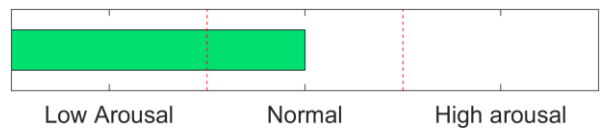
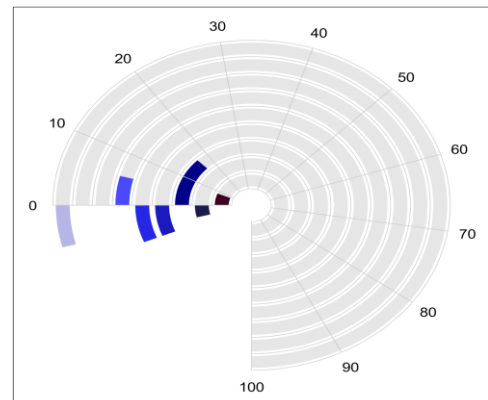
E.C.T/B Ratio (Raw- Z Score)



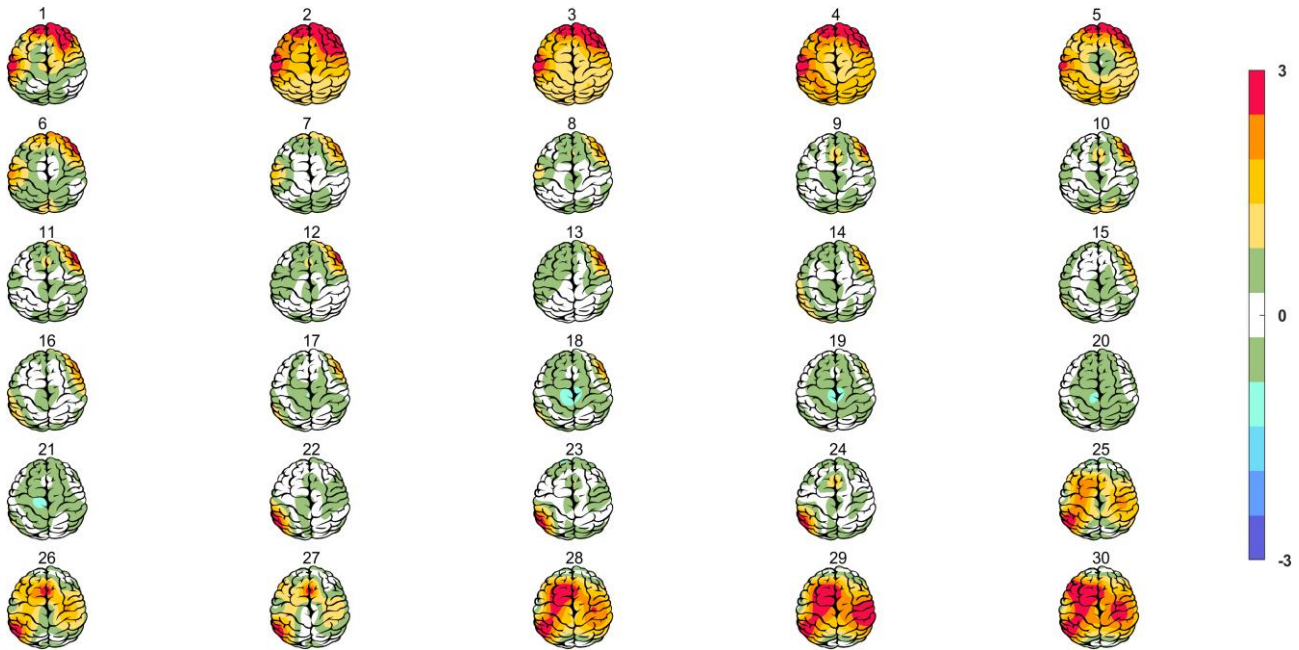
E.O.T/B Ratio (Raw- Z Score)



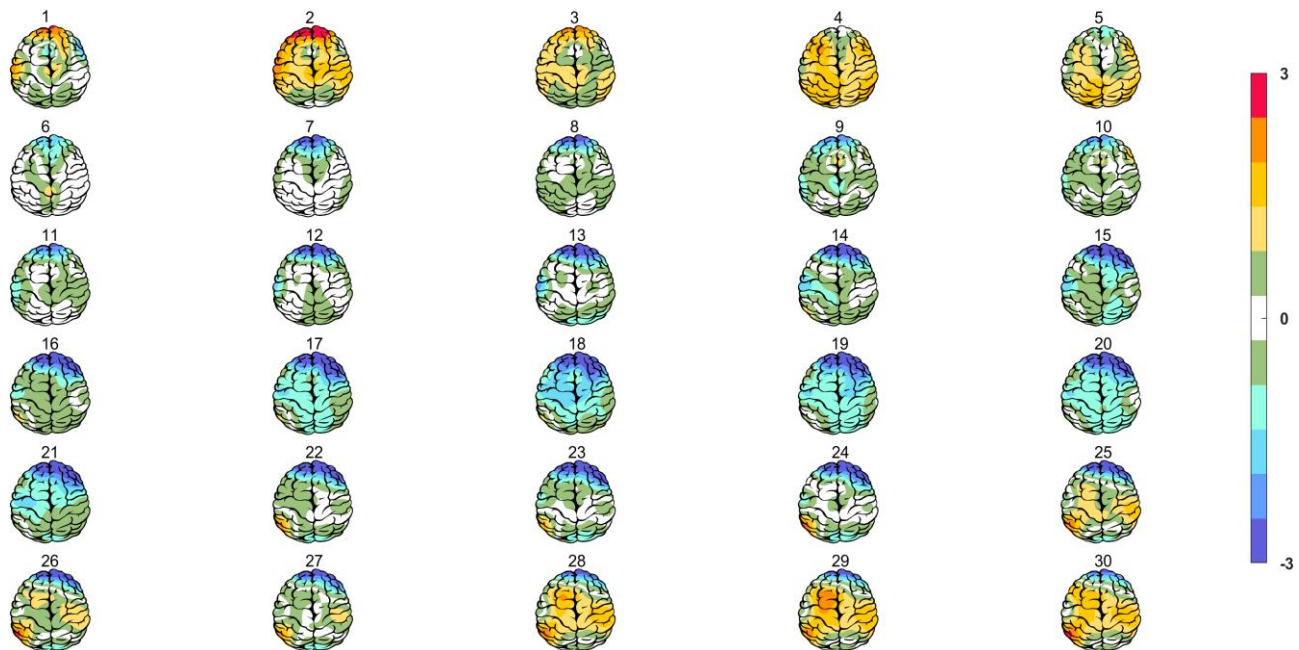
Arousal Level



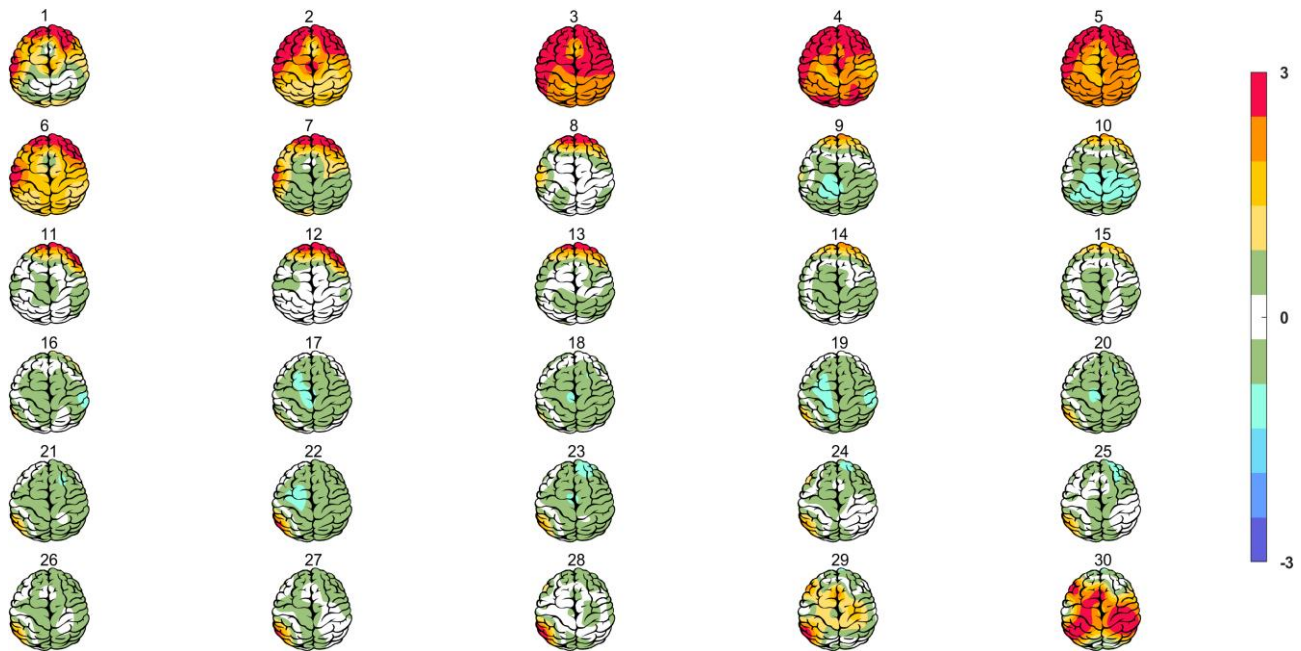
Absolute Power-Eye Closed (EC)



Relative Power-Eye Closed (EC)



Absolute Power-Eye Open (EO)



Relative Power-Eye Open (EO)

