



QEEG Clinical Report

BrainLens V0.4

Report Description

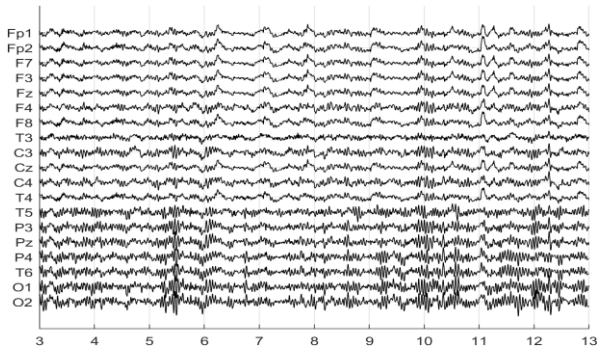
Personal & Clinical Data

Name	Sina Veisi	Date of Recording	08-Oct-2024
Date of Birth - Age	06-Jun-2016 - 8.34	Gender	Male
Handedness(R/L)	Right	Source of Referral	Reyhan Clinic
Initial Diagnosis	ADHD-Anxiety		
Current Medication	Risperidone-Ritalin-Buprenorphine		

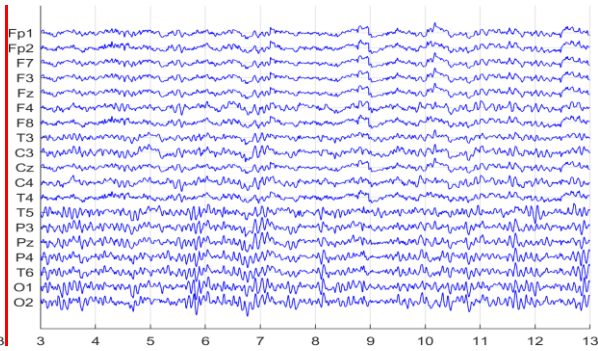
Reyhan Clinic

Denoising Information (EC)

Raw EEG



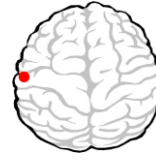
Denoised EEG



Flat Channels



Rejected Channels



Number of Eye and Muscle Elements

Eye 0 Muscle 0

Low Artifact Percentage



Total Artifact Percentage



High Artifact Percentage



EEG Quality

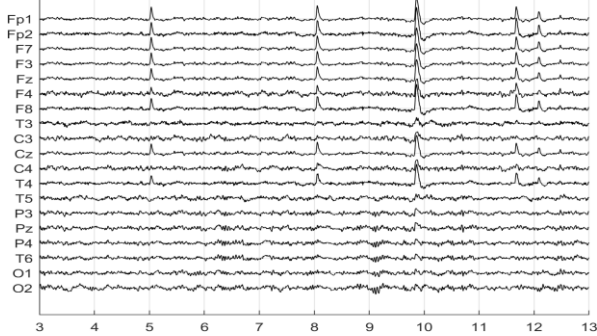
good

Total Recording Time Remaining

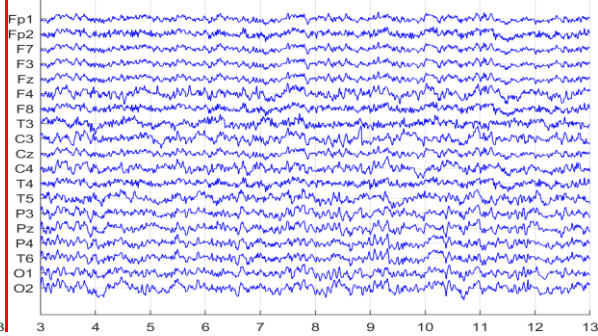
240.50 sec

Denoising Information (EO)

Raw EEG



Denoised EEG



Flat Channels



Rejected Channels



Number of Eye and Muscle Elements

Eye 0 Muscle 0

Low Artifact Percentage



Total Artifact Percentage



High Artifact Percentage



EEG Quality

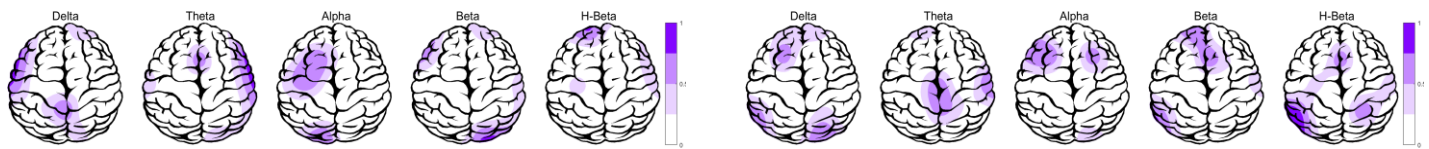
good

Total Recording Time Remaining

232.66 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	0.00	NAN	0.50	global
Increased rTheta	0.00	NAN	0.50	frontal
Increased rAlpha	1.00	global	0.00	NAN
Increased rBeta	0.00	NAN	0.00	frontal
Decreased SMR	-0.50	global	0.00	NAN
Increased T/B Ratio	0.00	NAN	0.50	Fz

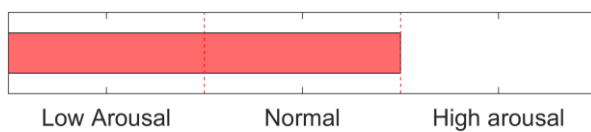
ADHD

0 10 20 30 40 50 60 70 80 90 100

ADHD Compatibility

ADHD Probability

Arousal Level Detection



ADHD Clustering *

1.

APF(EO)



Frontal APF= 09.58

Posterior APF= 10.38

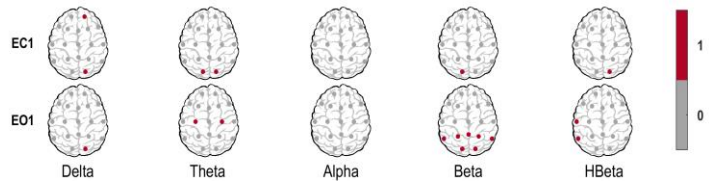
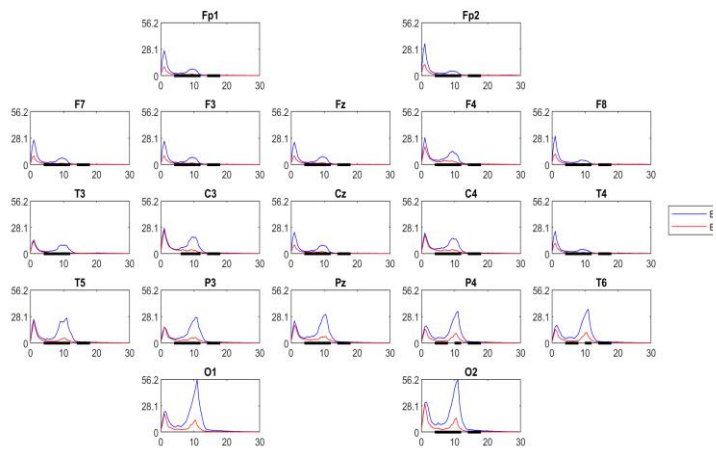
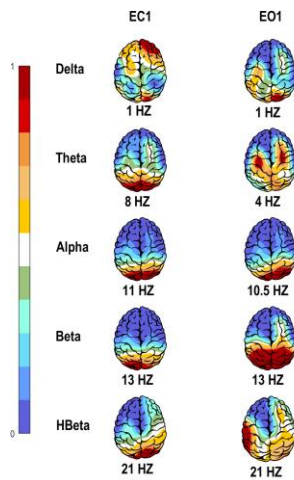
APF(EC)



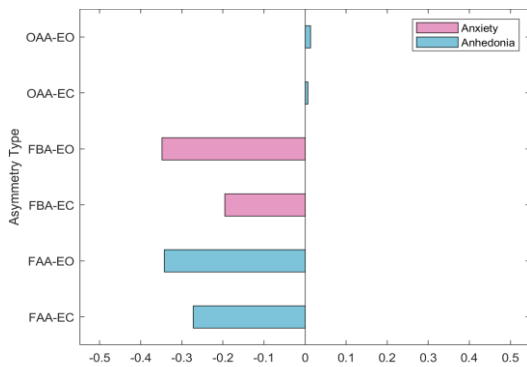
Frontal APF= 09.75

Posterior APF= 10.75

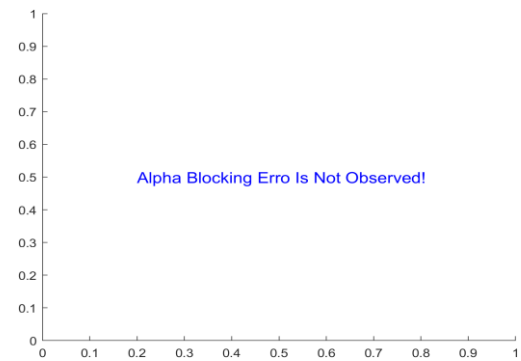
EEG Spectra



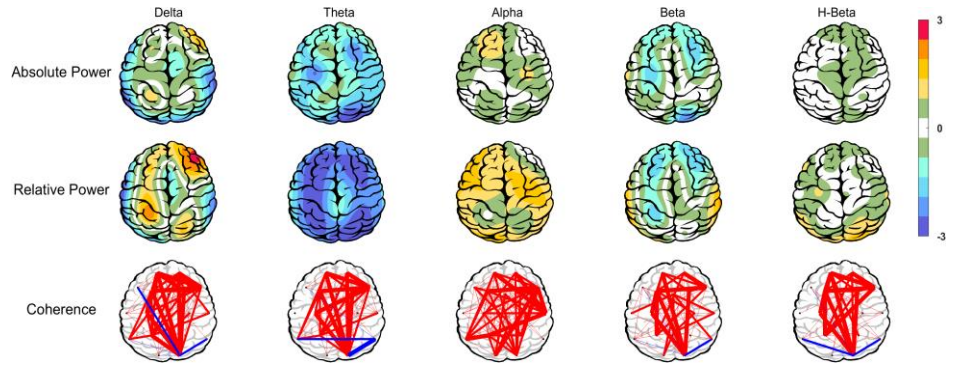
Alpha Asymmetry(AA)



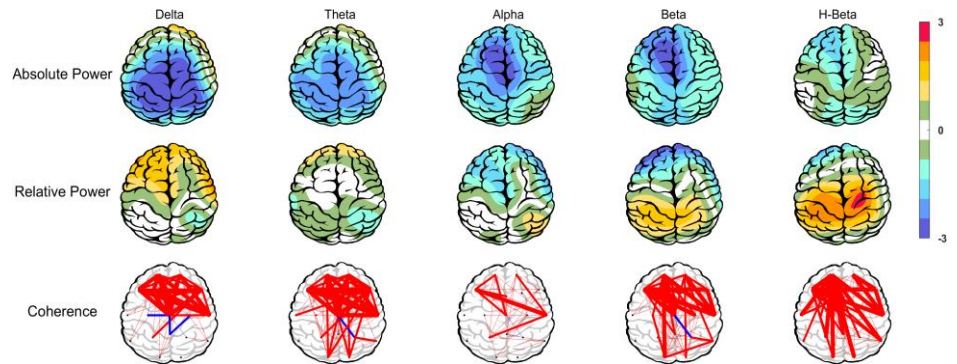
Alpha Blocking



Z Score Summary Information (EC)



Z Score Summary Information (EO)



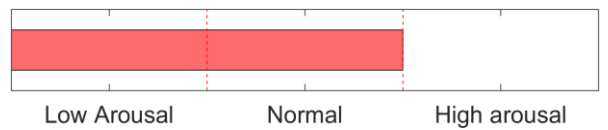
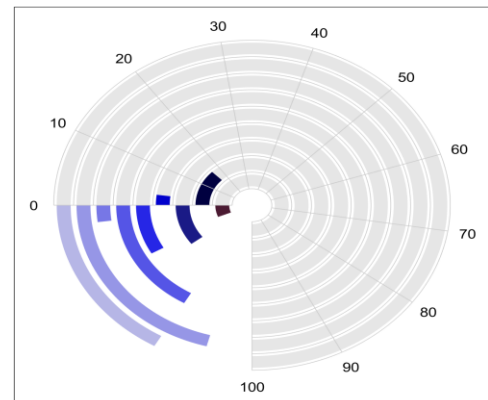
E.C.T/B Ratio (Raw- Z Score)



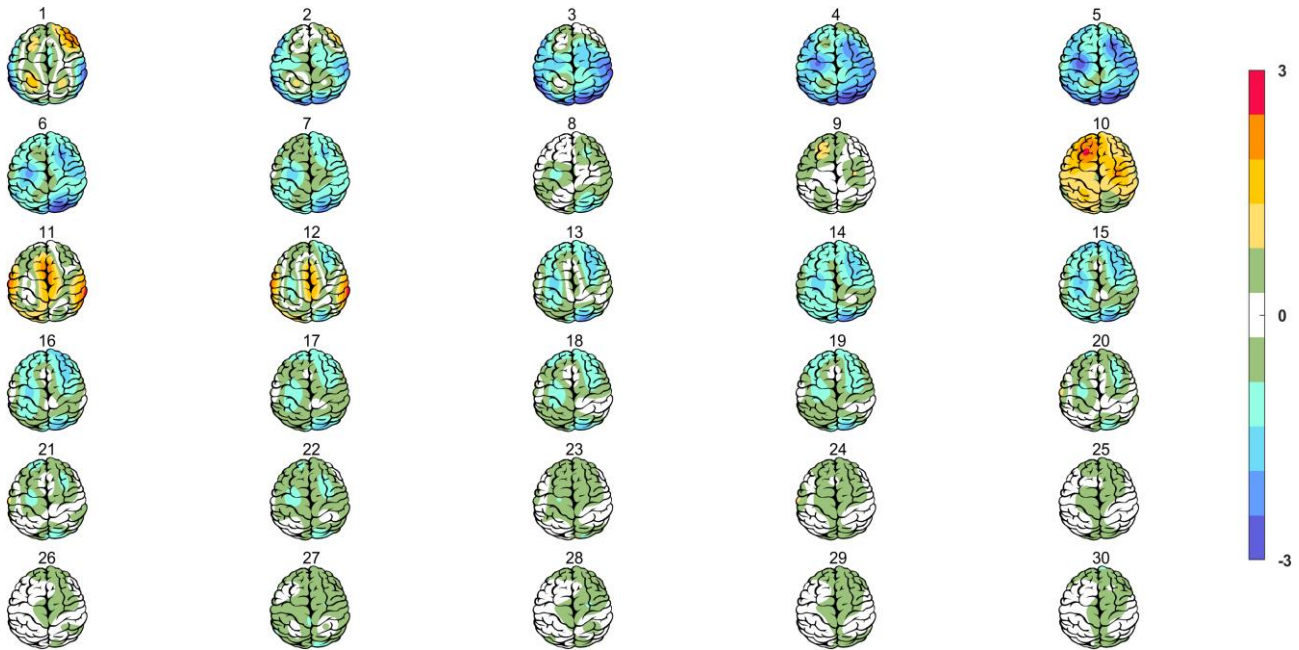
E.O.T/B Ratio (Raw- Z Score)



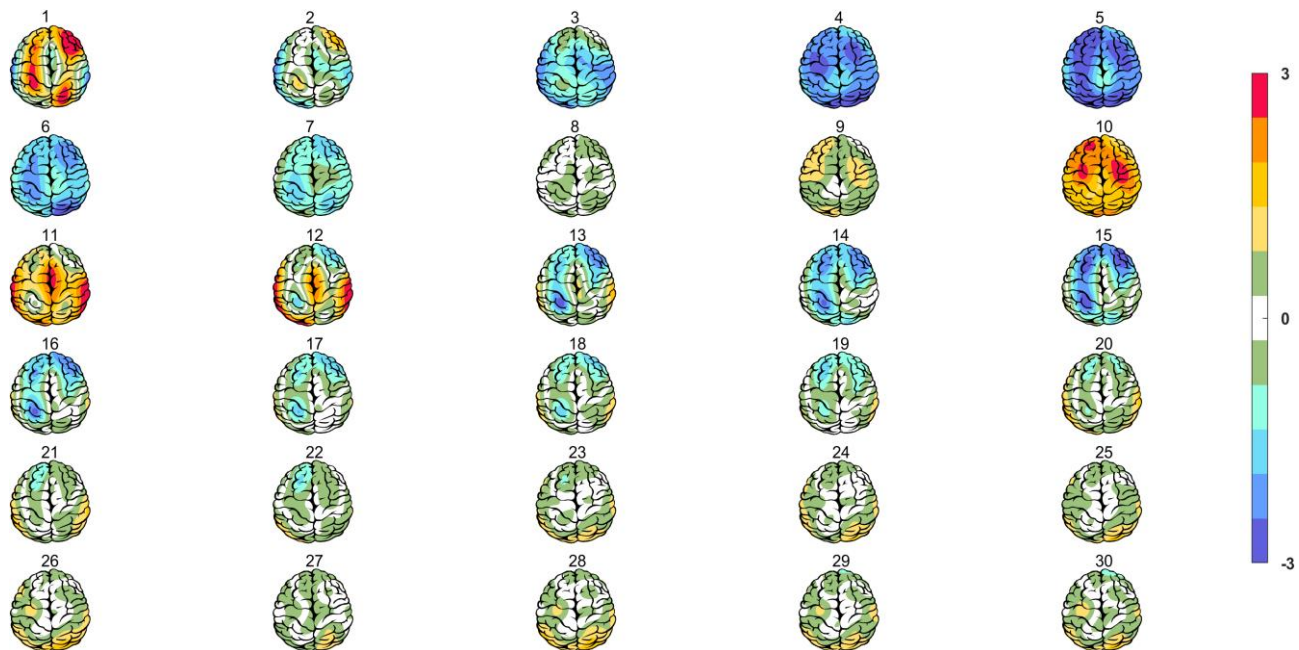
Arousal Level



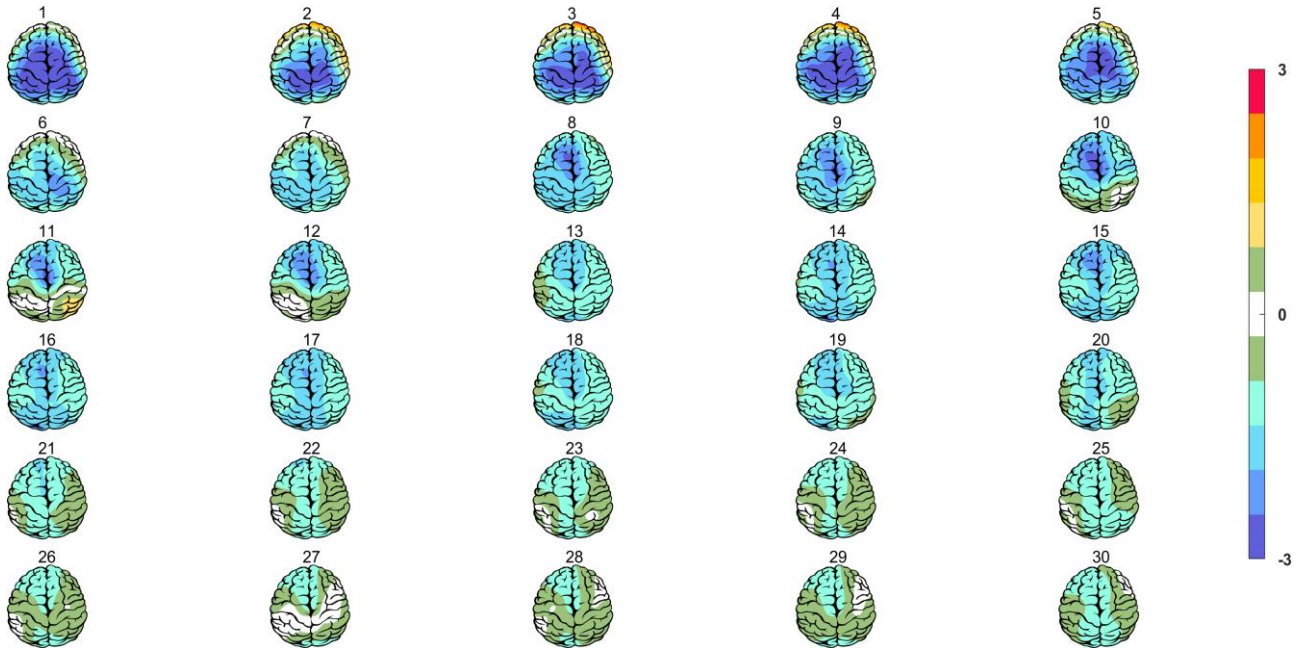
Absolute Power-Eye Closed (EC)



Relative Power-Eye Closed (EC)



Absolute Power-Eye Open (EO)



Relative Power-Eye Open (EO)

