



QEEG Clinical Report

BrainLens V0.4



Report Description



Personal & Clinical Data

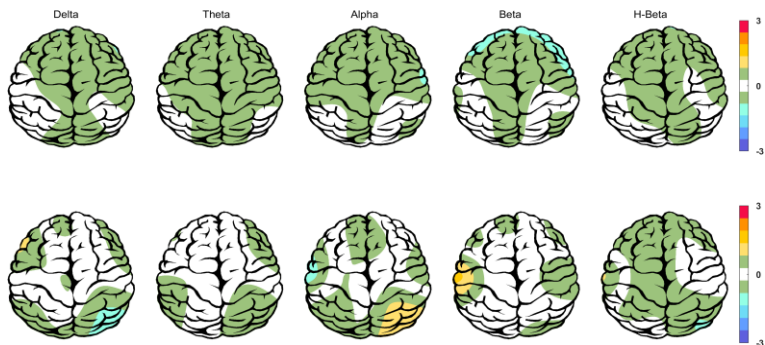
Name	Maryam Mohammadi	Date of Recording	2025-04-14
Date of Birth - Age	1990-12-26 - 34.4	Gender	Female
Handedness(R/L)	Right	Source of Referral	Dr Sahraian
Initial Diagnosis			

Summary Report

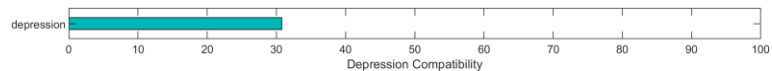
EEG Quality



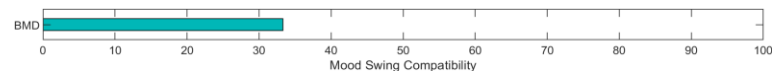
Z-score Information



Compatibility with Depression



Compatibility with Mood Swing



Compatibility with Anxiety



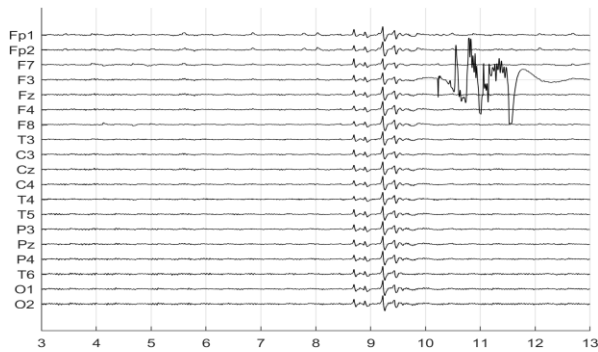
Arousal Level



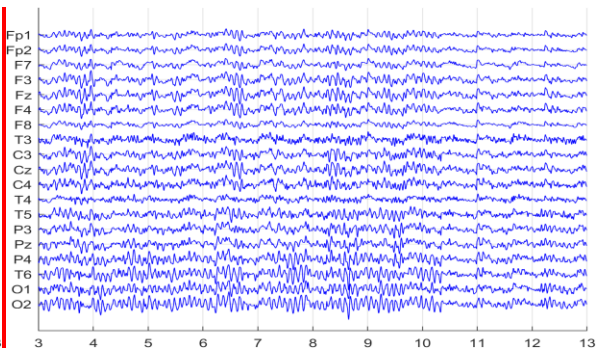
TMS Responsibility

Denoising Information (EC)

Raw EEG



Denoised EEG



Flat Channels

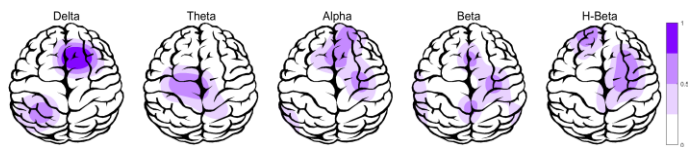


Rejected Channels

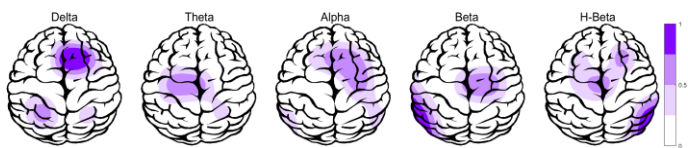


Pathological assessment for mood disorders and adult ADHD

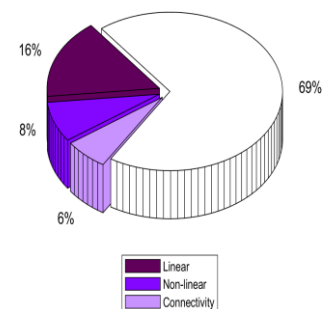
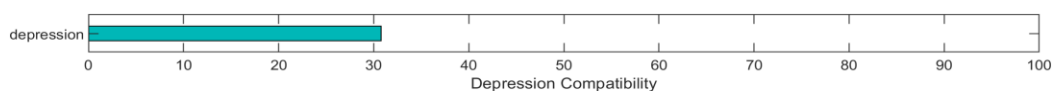
Compare to Mood Disorders Database



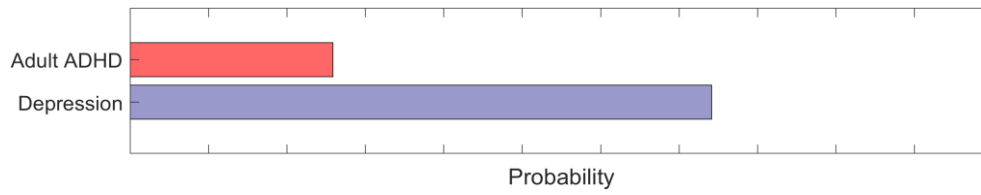
Compare to Adult ADHD Database



EEG Compatibility with Depression Diagnosis



Depression and Adult ADHD Diagnosis Probabiliy



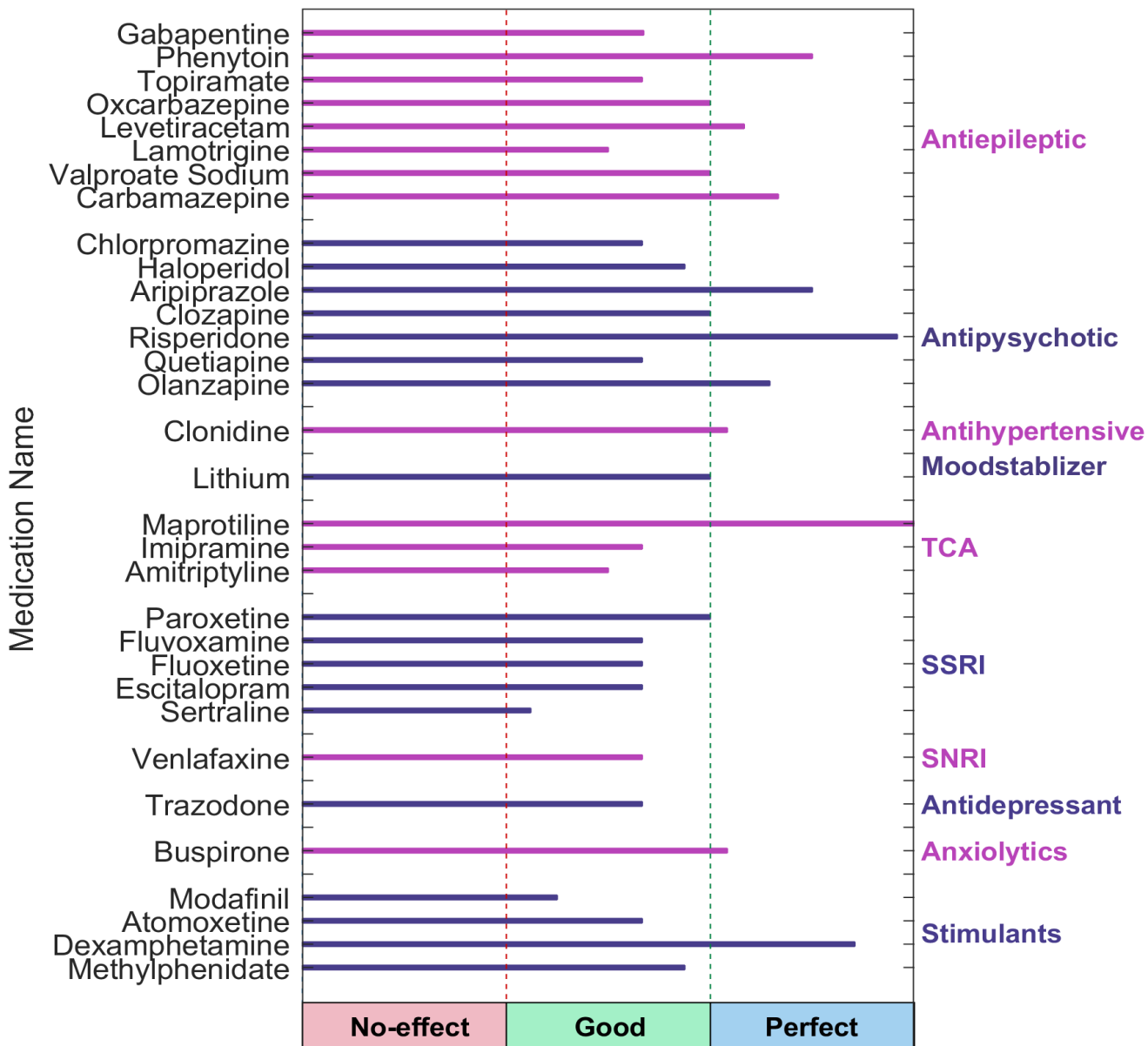
Cognitive Functions Aessment



Arousal Level Detection



QEEG based predicting medication response

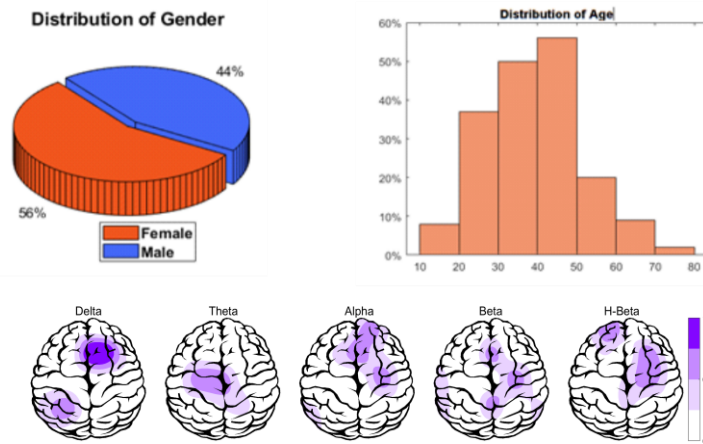


rTMS Response Prediction

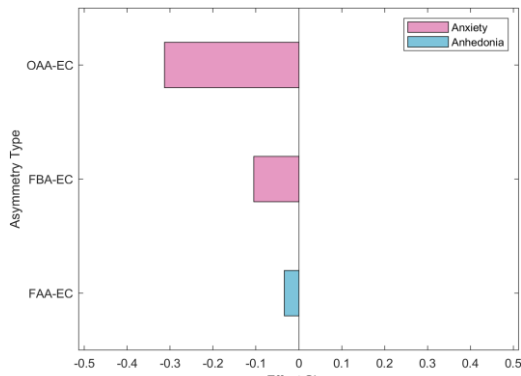
Network Performance

Accuracy: 92.1%
Sensitivity: 89.13%
Specificity: 97.47%

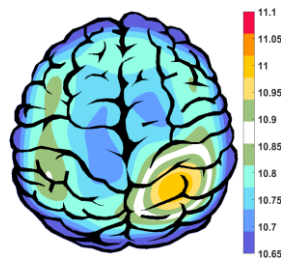
Participants Information



Alpha Asymmetry(AA)



APF(EC)



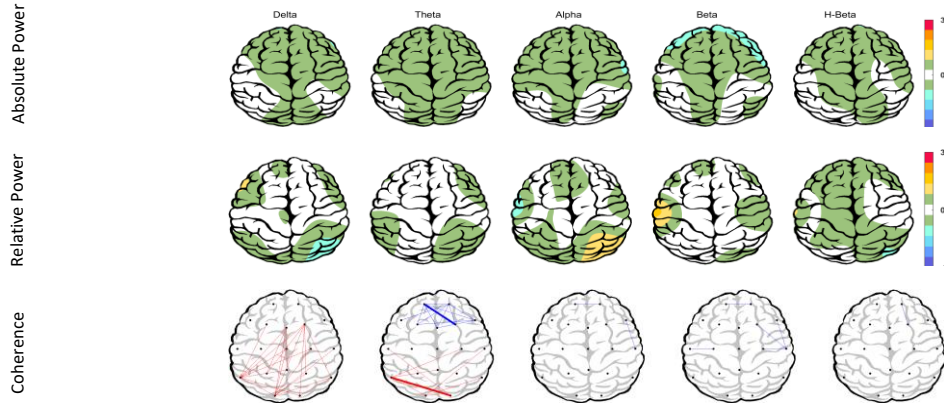
Frontal APF= 10.75

Posterior APF= 10.75

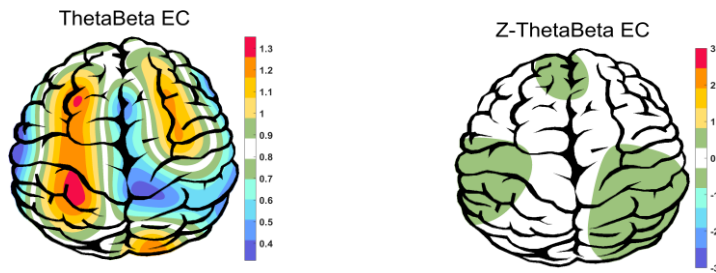
Absolute Power-Eye Closed (EC)

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Z Score Summary Information (EC)



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



Arousal Level

