



QEEG Clinical Report

BrainLens V0.4

Report Description



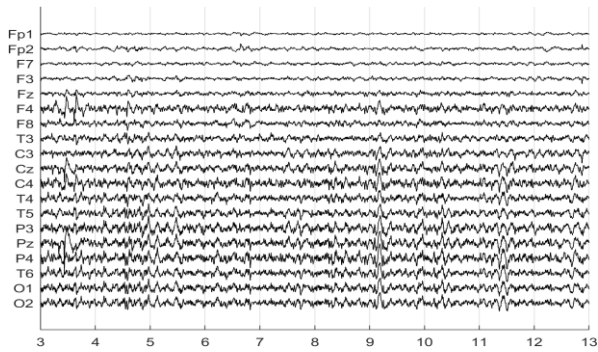
Personal & Clinical Data

Name	Alireza Noorzehi	Date of Recording	2025-06-03
Date of Birth - Age	2000-05-02 - 25.1	Gender	Male
Handedness(R/L)	Right	Source of Referral	Dr Atena Fallah
Initial Diagnosis	Cognitive Problem-Depression		
Current Medication	Carbamazepine-ES-citalopram-Nortriptyline-Risperidone		

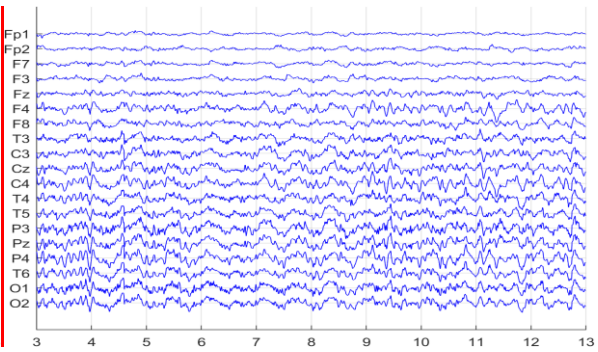
Dr Atena Fallah

Denoising Information

Raw EEG



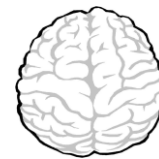
Denoised EEG



Flat Channels



Rejected Channels



Number of Eye and Muscle Elements

Eye 0 Muscle 0

Total Artifact Percentage



EEG Quality bad

Low Artifact Percentage

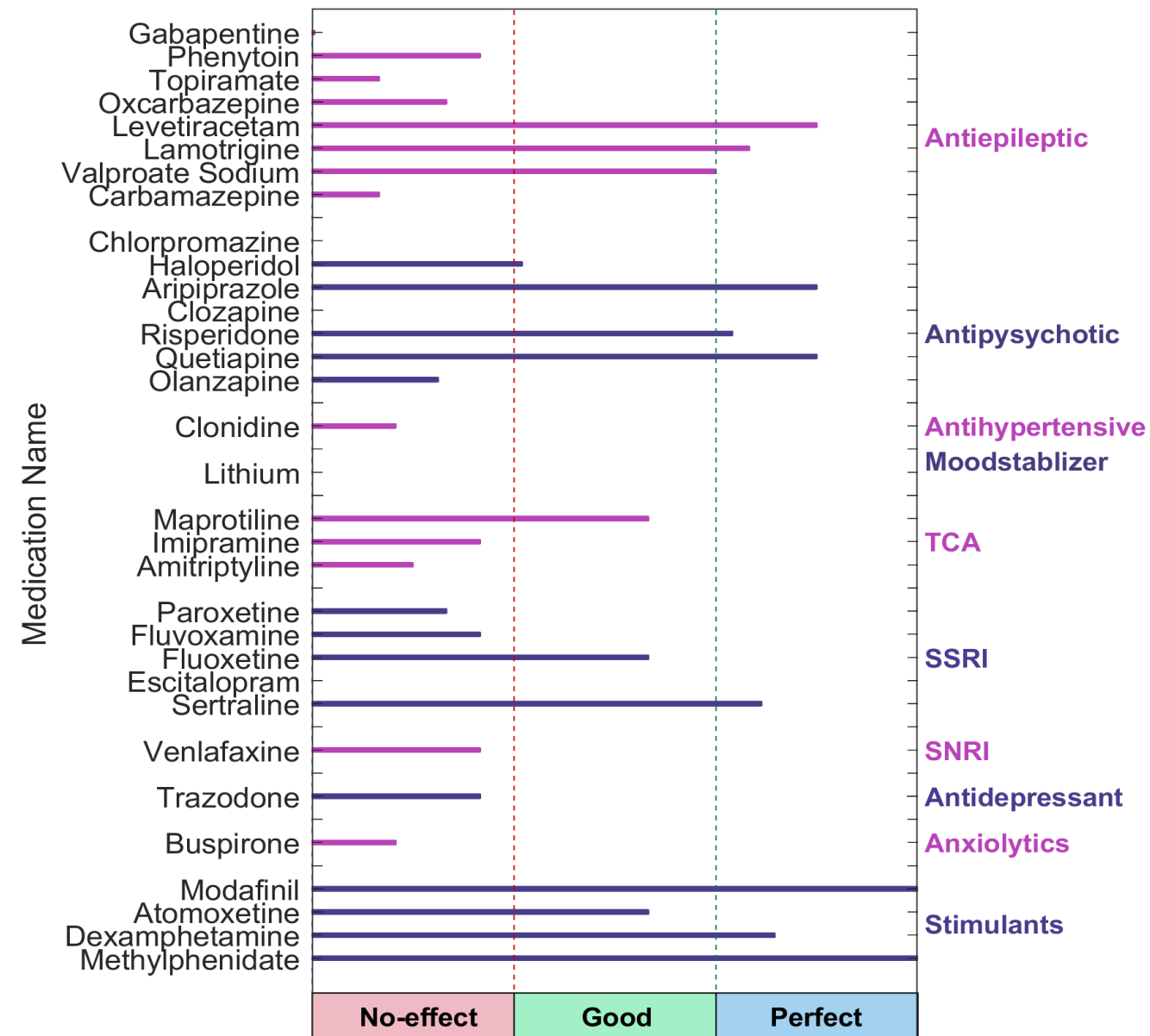


High Artifact Percentage



Total Recording Time Remaining 129.93 sec

QEEG based predicting medication response



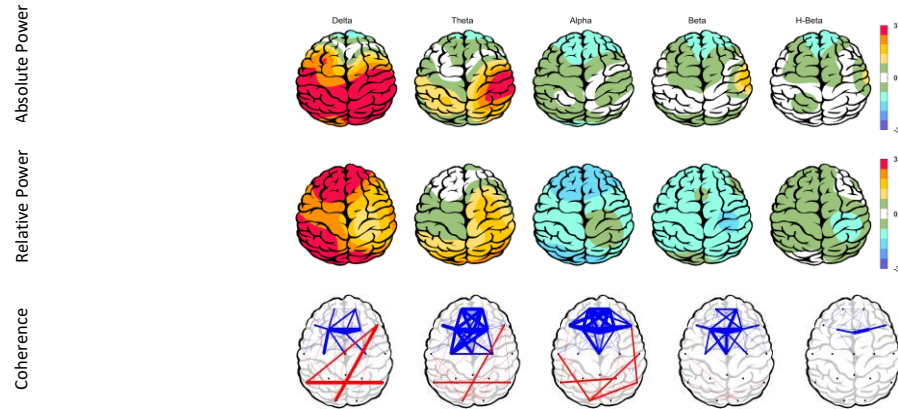
Explanation

These two tables can be considered the most important finding that can be extracted from QEEG. To prepare this list, the NPCIndex Article Review Team has studied, categorized, and extracted algorithms from many authoritative published articles on predict medication response and Pharmacoe EEG studies. These articles are published between 1970 and 2021. The findings extracted from this set include 85 different factors in the raw band domains, spectrum, power, coherence, and loreta that have not been segregated to avoid complexity, and their results are shown in these diagrams. One can review details in NPCIndex.com .

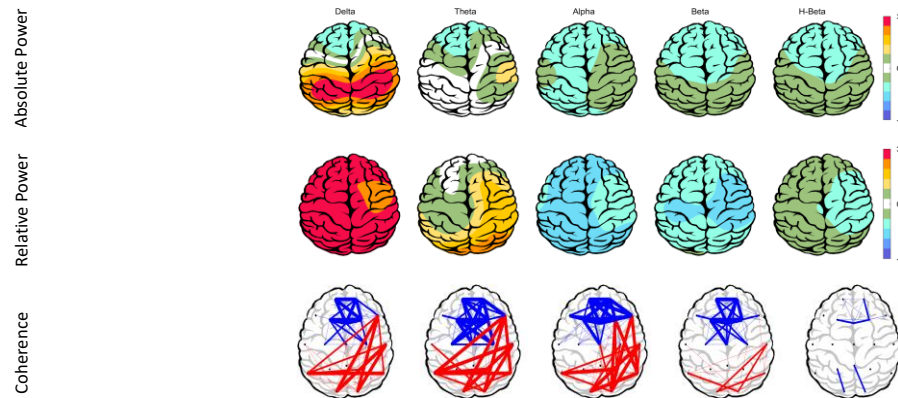
Medication Recommendation

These two charts, calculate response probability to various medications, according only to QEEG indicators. Blue charts favor drug response and red charts favor drug resistance. The longer the bar, the more evidence there is in the articles. Only drugs listed in the articles are listed. These tables present the indicators reviewed in the QEEG studies and are not a substitute for physician selection.

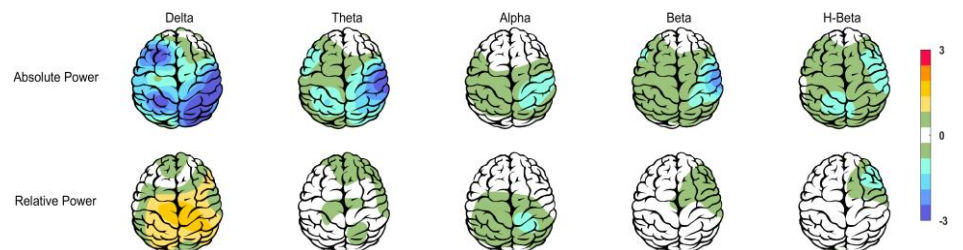
First Topographic Map



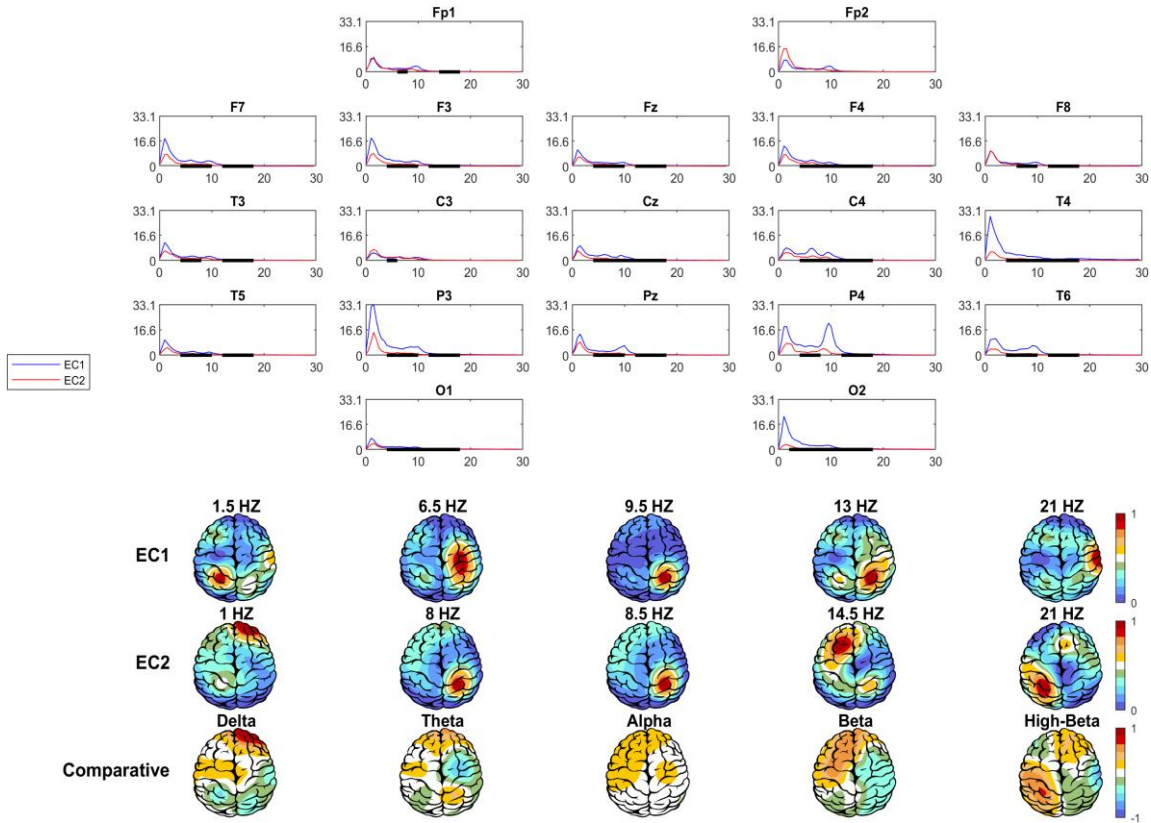
Second Topographic Map



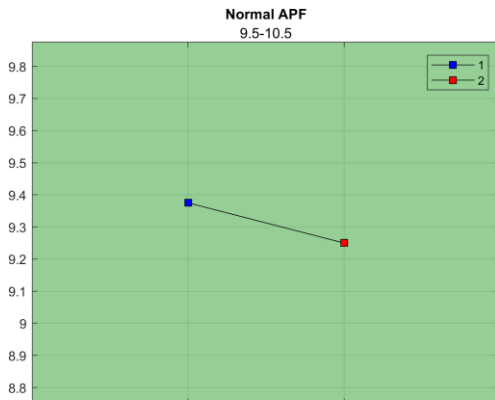
Comparsion Topographic Map



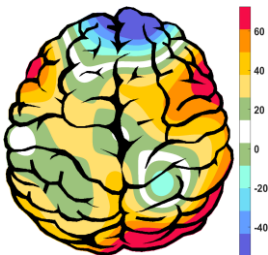
Power Spectrum



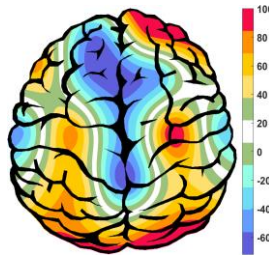
APF



Theta Cordance-Pre



Theta Cordance-Post



Theta Cordance Comparative

