NPCindex | QEEGhome

npcindex www.npcindex.com 021-44 47 74 67

QEEG Clinical Report

BrainLens V0.4

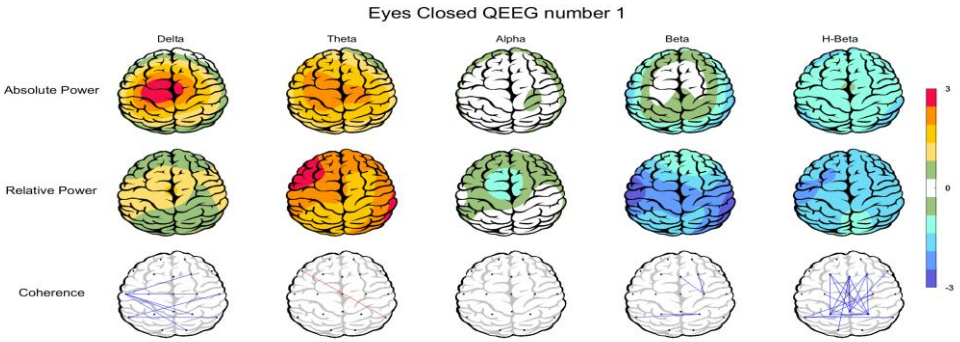
Report Description

Personal & Clinical Data

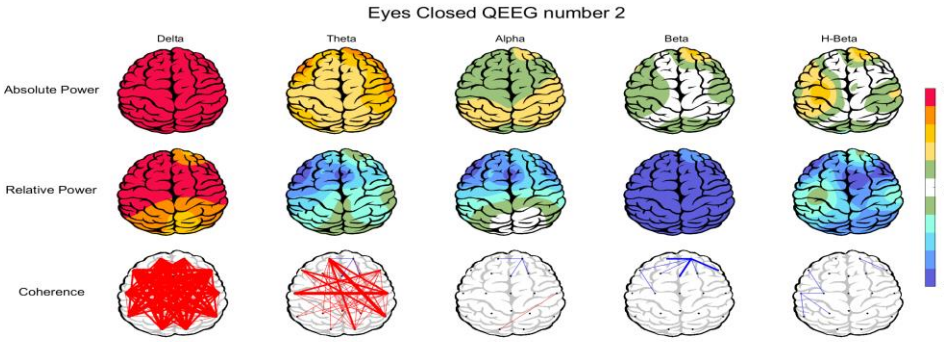
Name	Hossein Soltani	Date of Recording	29-Sep-2024
Date of Birth - Age	15-Jun-1979 - 42.44	Gender	Male
Handedness(R/L)	Right	Source of Referral	Dr Torabi
Initial Diagnosis	Epileptic		
Current Medication	ES-citalopram-Carbamazepine-Buspirone		

Dr Torabi

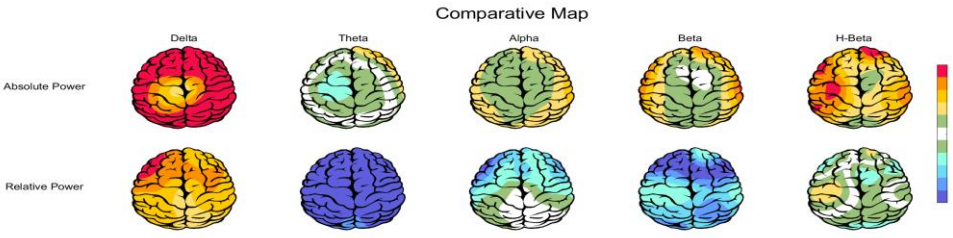
First Topographic Map



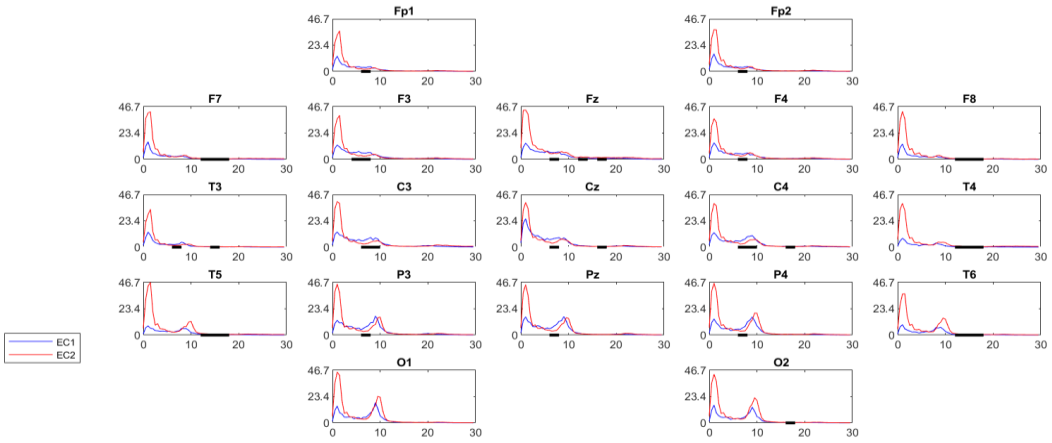
Second Topographic Map

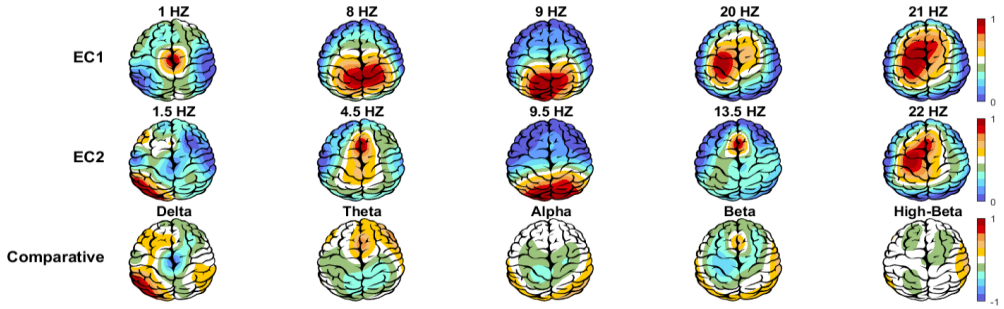


Comparsion Topographic Map

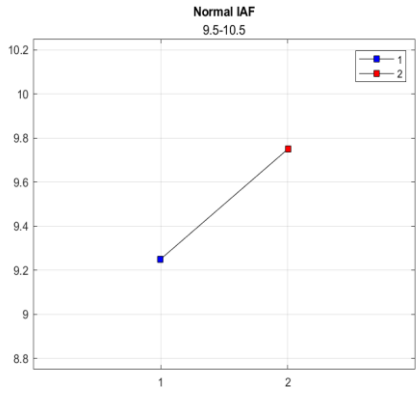


Power Spectrum

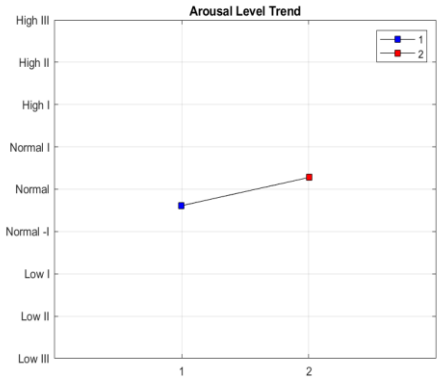




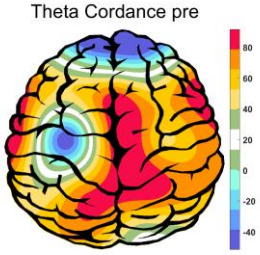
IAF



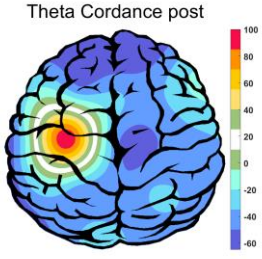
Arousal Level



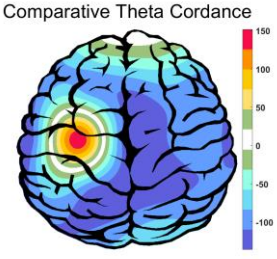
Theta Cordance-Pre



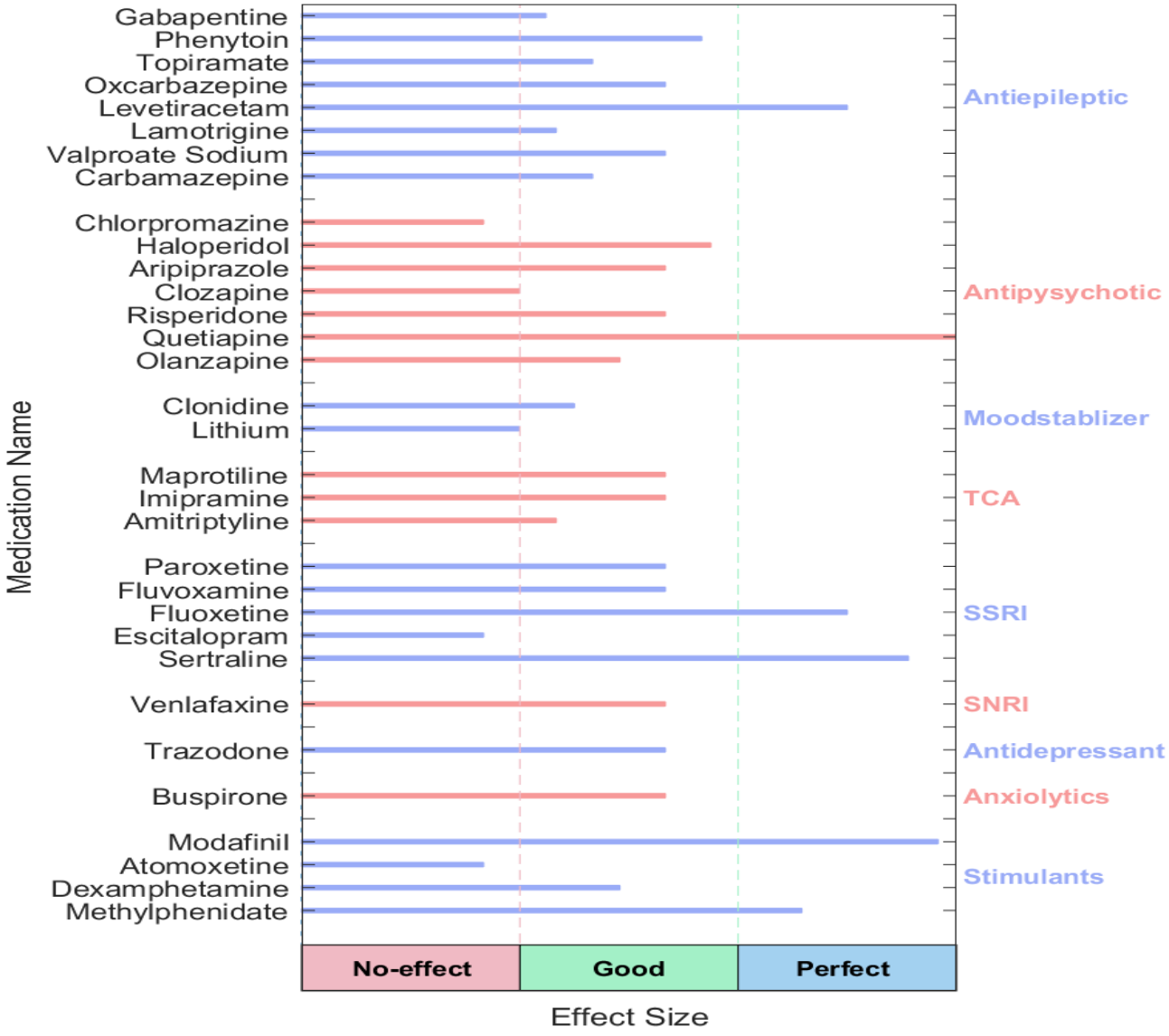
Theta Cordance-Post



Theta Cordance Comparitive



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 Pharmaco 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.

Report

گزارش:

1- ارزیابی تحت تاثیر مصرف دارو قرار دارد.
2- اسپایک مشاهده میشود.
3- Hyper-coherenceو Hypo-coherence مشاهده میشود.
4- در مقیاس Z-score،افزایش توان مطلق در فرکانسهای دلتا و بتای بالا مشاهده میشود.
5- افزایش IAF مشاهده میشود.
6- کاهش توان مطلق در فرکانس آلفا مشاهده میشود.
7- اختلال عملکرد در ناحیه Medial dorsal pre-frontal مشاهده میشود.
8- مارکرهای اختلال در کارکردهای اجرایی مشاهده میشود.
9- مارکرهای نوشخوار فکری مشاهده میشود.

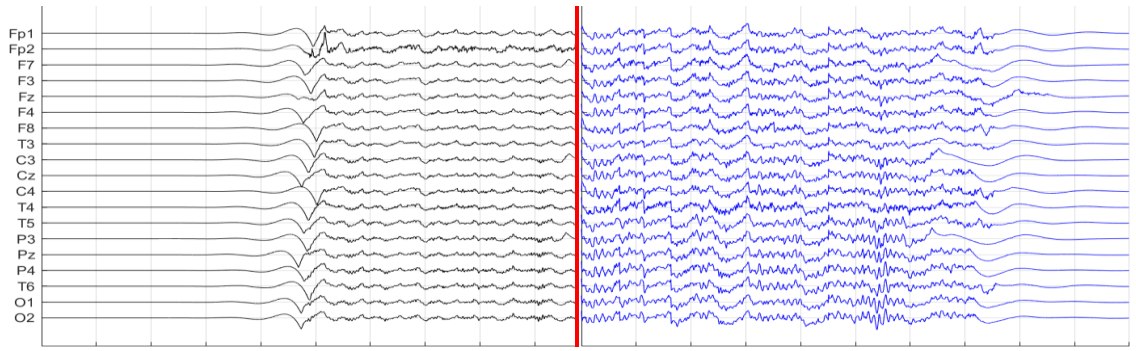
نتایج تشخیصی:

1- اختلال در کارکردهای اجرایی توام با نوشخوار فکری

Denoising Information

Raw EEG

Denoised EEG



Flat Channels

Rejected Channels

Number of Eye and Muscle Elements				Low Artifact Percentage	
Eye	2	**Muscle**	1		
Total Artifact Percentage				**High Artifact Percentage**	
EEG Quality	good			**Total Recording Time Remaining**	231.77 sec