



QEEG Clinical Report

BrainLens V0.4

Report Description



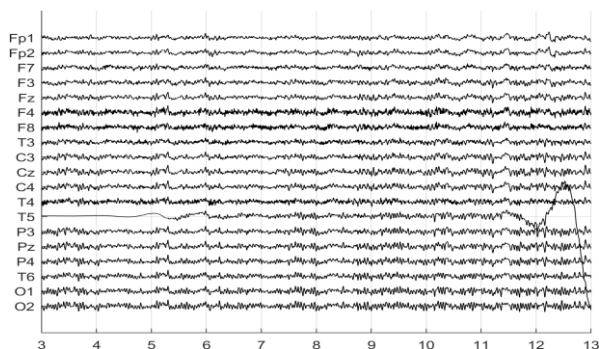
Personal & Clinical Data

Name	Atefe Alamdarmilani	Date of Recording	21-Oct-2024
Date of Birth - Age	29-Nov-1991 - 32.7	Gender	Female
Handedness(R/L)	Right	Source of Referral	Asayesh Psychiatric Clinic - Dr Torabi
Initial Diagnosis	-		
Current Medication	-		

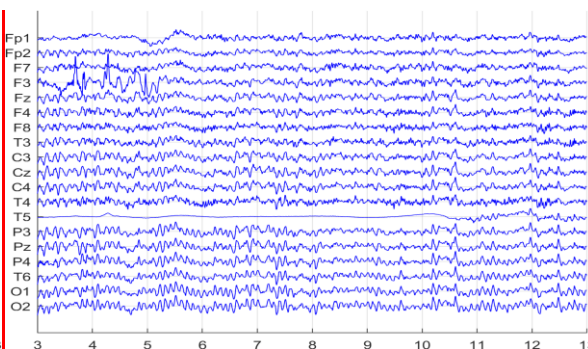
Asayesh Psychiatric Clinic -
Dr Torabi

Denoising Information

Raw EEG



Denoised EEG



Flat Channels

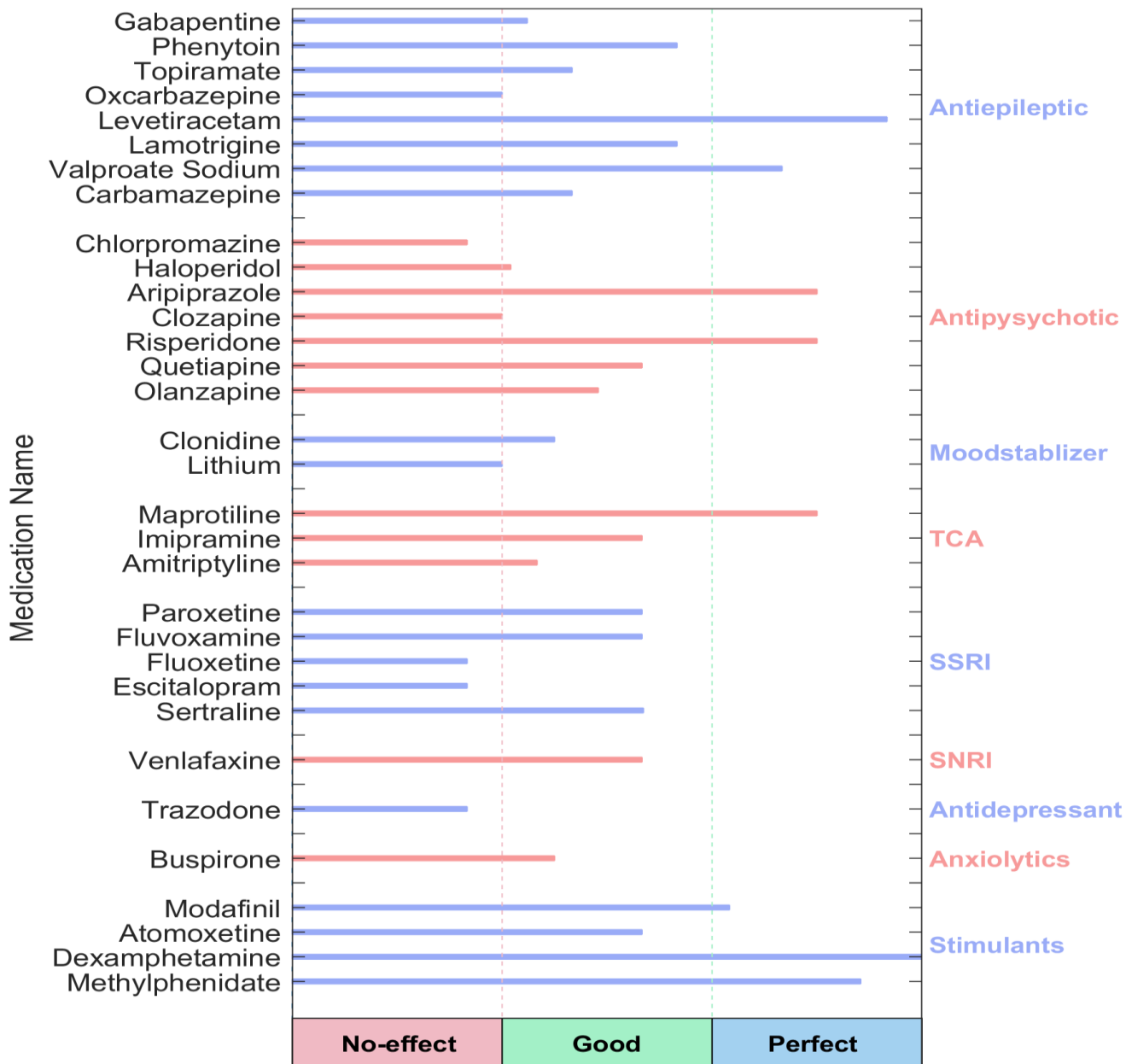


Rejected Channels



Number of Eye and Muscle Elements				Low Artifact Percentage	
Eye	1	Muscle	2		
Total Artifact Percentage				High Artifact Percentage	
EEG Quality		bad		Total Recording Time Remaining	
				251.51 sec	

QEEG based predicting medication response



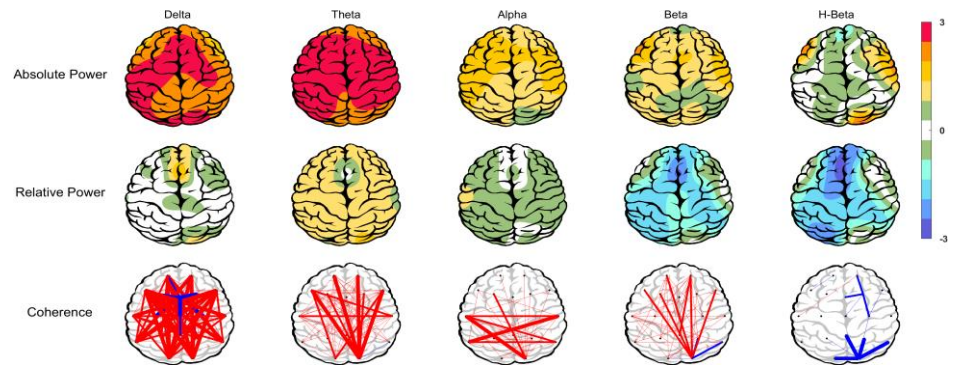
Explanation

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 Pharmac 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 .

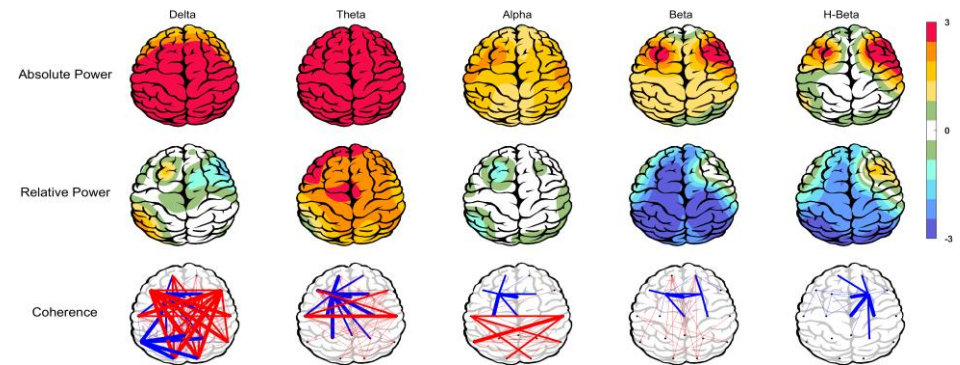
⚠ Medication Recommendation

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.

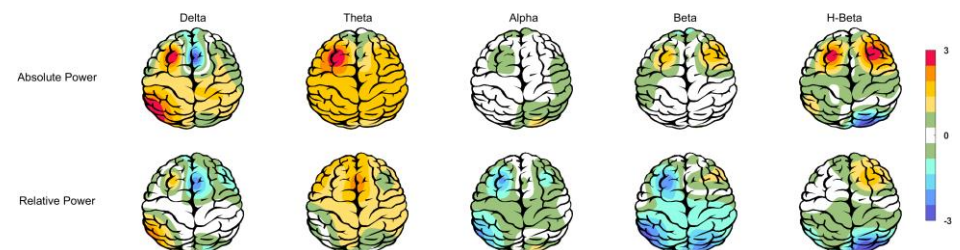
First Topographic Map



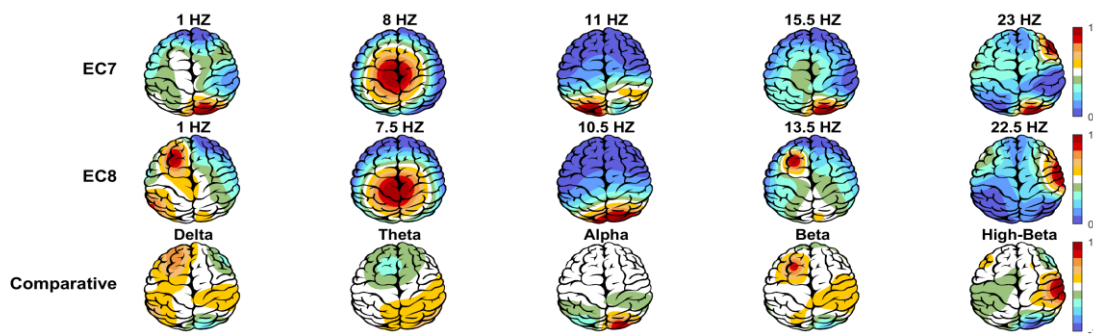
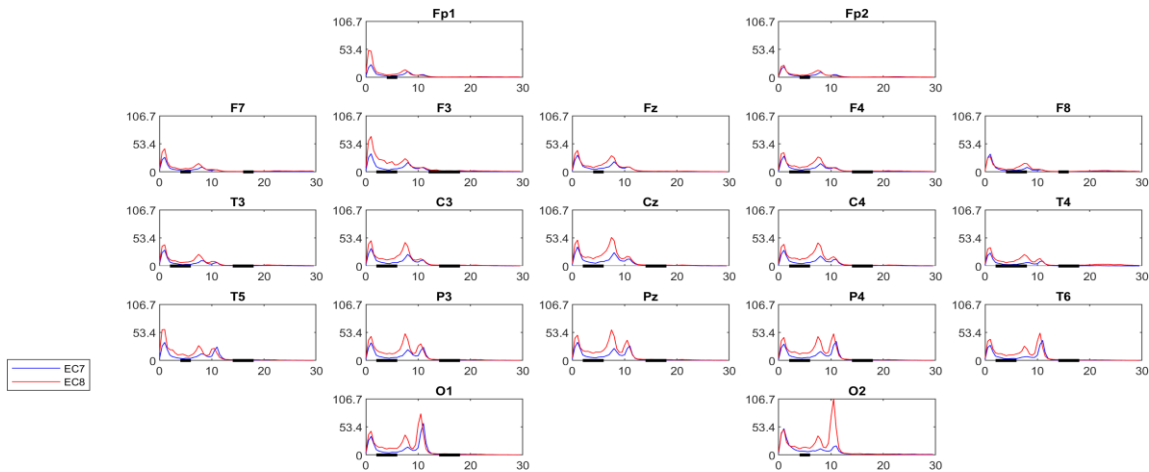
Second Topographic Map



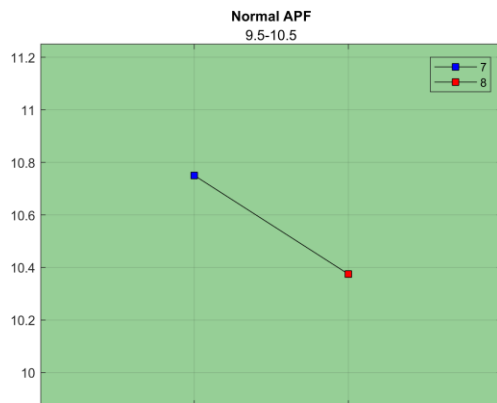
Comparsion Topographic Map



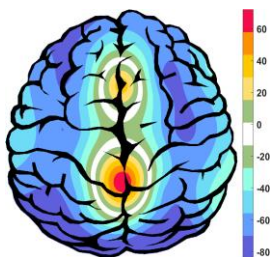
Power Spectrum



APF



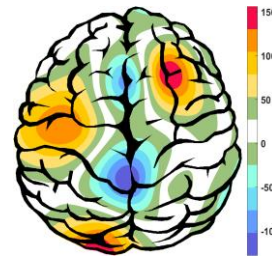
Theta Cordance-Pre



Theta Cordance-Post



Theta Cordance Comparative



 Report

گزارش:

- 1- ارزیابی تحت تاثیر مصرف دارو قرار دارد.
- 2- Hyper-coherence و Hypo-coherence مشاهده میشود.
- 3- در مقیاس Z-score، افزایش در توان مطلق در فرکانسهای دلتا و تتا مشاهده میشود.
- 4- افزایش توان مطلق در فرکانسهای تتا و آلفا مشاهده میشود.
- 5- اختلال عملکرد در نواحی Medial sensory و Medial sensory-motor مشاهده میشود.
- 6- کاهش IAF نسبت به ارزیابی پیشین مشاهده میشود.
- 7- مارکرهای خلق پایین مشاهده میشود.
- 8- مارکرهای نشخوار فکری مشاهده میشود.
- 9- مارکرهای اختلال در کارکردهای اجرایی مشاهده میشود.

نتایج تشخیصی:

- 1- خلق پایین، نشخوار فکری، اختلال در کارکردهای اجرایی
- 2- در مقایسه با ارزیابی پیشین، افزایش اختلال در مارکرهای مرتبط با خلق و کاهش اختلال در مارکرهای مرتبط با انگیزتگی مشاهده میشود.