

Local Neurogenic

CEC	EEG	Symptom	CEC	EEG	Symptom	CEC	EEG	Symptom
●	●	Impulsive	●	●	Excessive Self-concern	●	●	Worry
●	●	Socially Inappropriate	●	●	Anger	●	●	Hyper-vigilant
●	●	Hyperactive	●	●	Agitation	●	●	Restless
●	●	Easily Distracted	●	●	Irritability			
●	●	Disorganized	●	●	Passive Aggressive			

Probability Legend
 ● Low ● Moderate ● High

Local Psychogenic

CEC	EEG	Symptom	CEC	EEG	Symptom	CEC	EEG	Symptom
●	●	Excessive Speech	●	●	Victim Mentality	●	●	Obsessive Thinking
●	●	Hyper-emotional	●	●	Rumination	●	●	Dislike of Change/Novelty
			●	●	Self-Deprecation	●	●	Excessive Rationalization
						●	●	Poor Emotional Self-Awareness

Probability Legend
 ● Low ● Moderate ● High

Executive Processing



CEC	EEG	Symptom
Red	Yellow	Attention
Green	Green	Categorization
Red	Yellow	Decision Making
Yellow	Green	Filtering Difficulties
Red	Yellow	Motivation
Red	Green	Problem Solving
Red	Red	Socio-Emotional Decision Making

Memory Processing



CEC	EEG	Symptom
Red	Green	Declarative
Red	Green	Episodic
Red	Yellow	Procedural
Red	Green	Sequential
Red	Green	Short Term
Red	Green	Short Term (Digit Span)
Red	Green	Working

Math Comprehension



CEC	EEG	Symptom
Red	Green	Math Comprehension

Verbal Processing



CEC	EEG	Symptom
Yellow	Green	Dialogue Organization
Red	Green	Short Term Verbal
Yellow	Yellow	Tonal Inflection and Comprehension Difficulties
Red	Yellow	Tone Sequencing
Yellow	Yellow	Verbal Sequencing

Visual Processing



CEC	EEG	Symptom
Red	Yellow	Event Sequencing
Red	Green	Facial Decoding & Recognition
Red	Green	Figure Memory
Yellow	Green	Short Term Visual Memory
Yellow	Yellow	Spatial Sequence

Reading Comprehension



CEC	EEG	Symptom
Green	Red	Processing Speed
Red	Green	Reading Comprehension

Theta Beta Ratios

Theta Beta Ratio
eyes OPEN

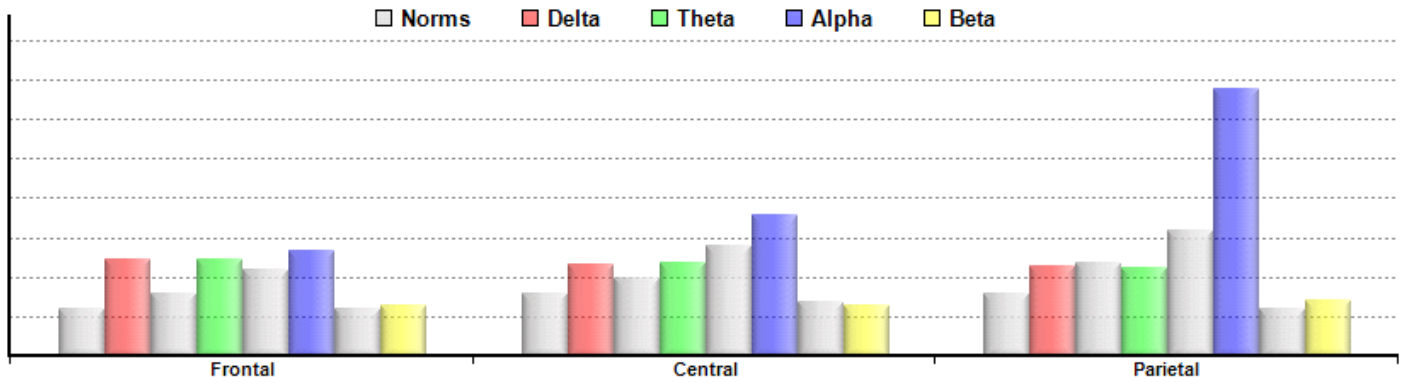
1.76

Severe
Moderate
Normal

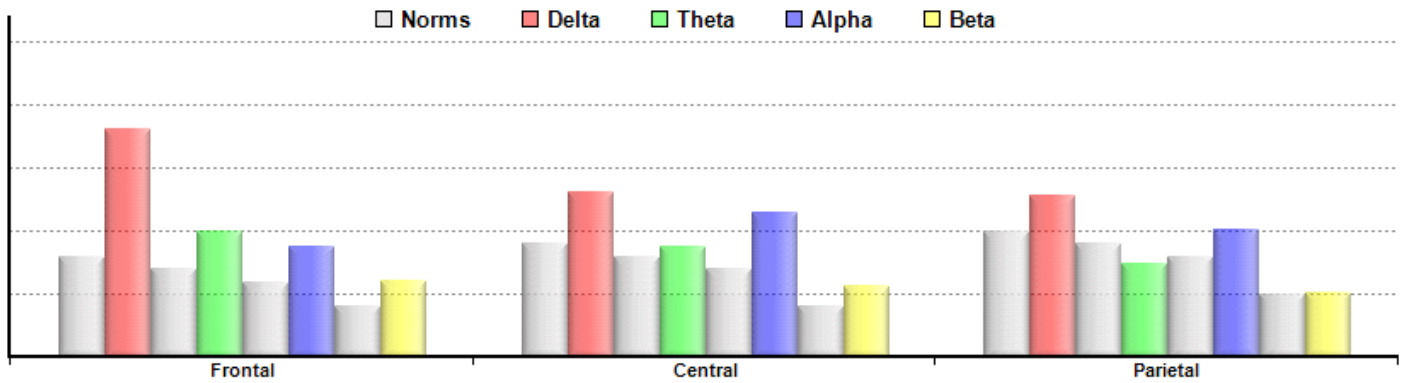
Theta Beta Ratio
eyes CLOSED

2.04

Eyes Closed Midline Analysis



Eyes Open Midline Analysis



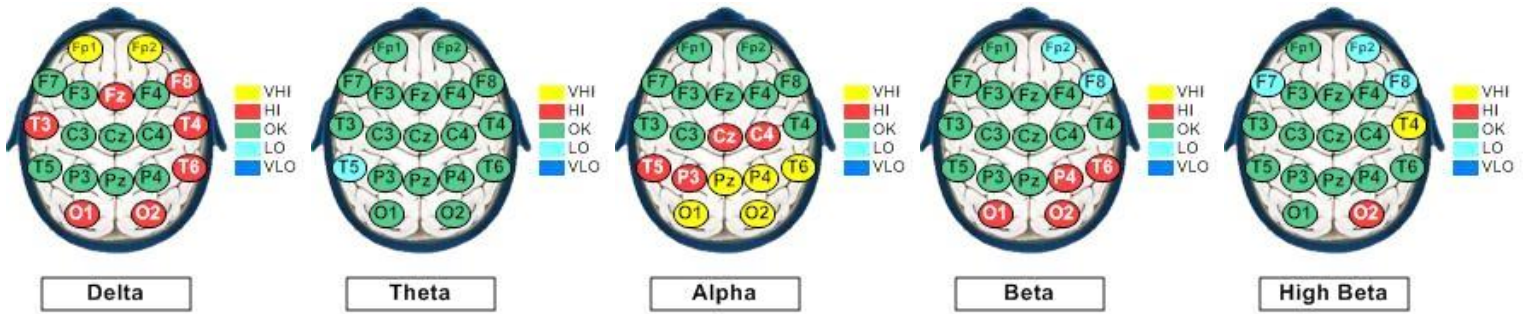
Subcomponent Analysis

Lo/Hi Alpha valid only if 'Gamma' filter was set for 8-10hz and 'User' filter was set for 10-12hz when doing map



■ = Low ■ = Ok ■ = High

Magnitude



Magnitude Contrast

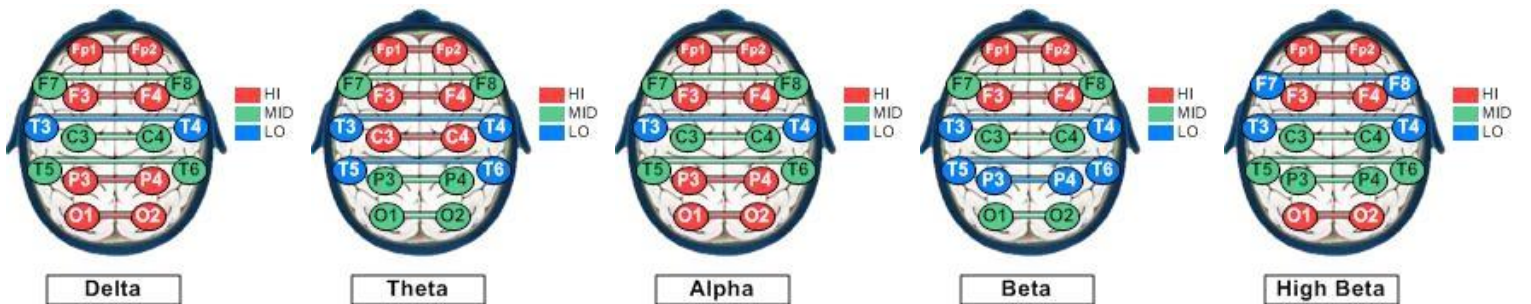
Down Up

Dominant Frequency

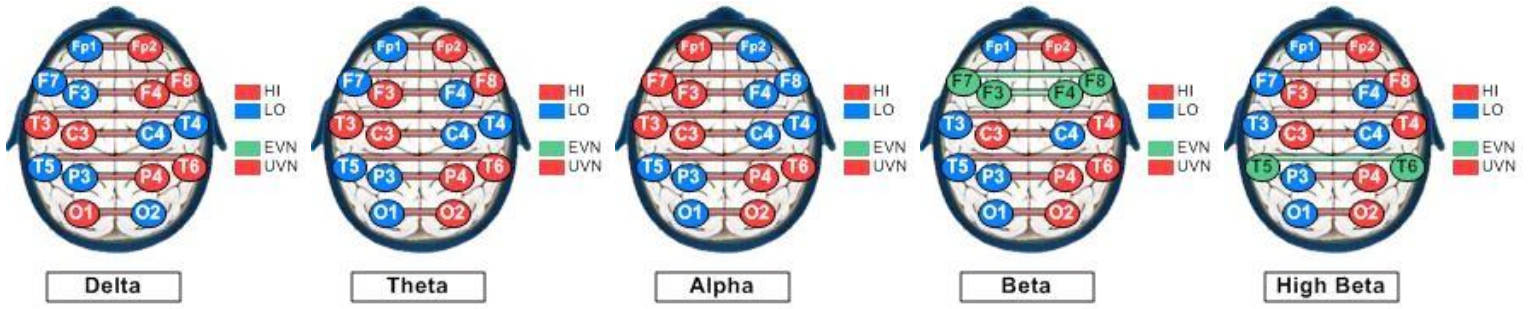


⚠ Check Physiology

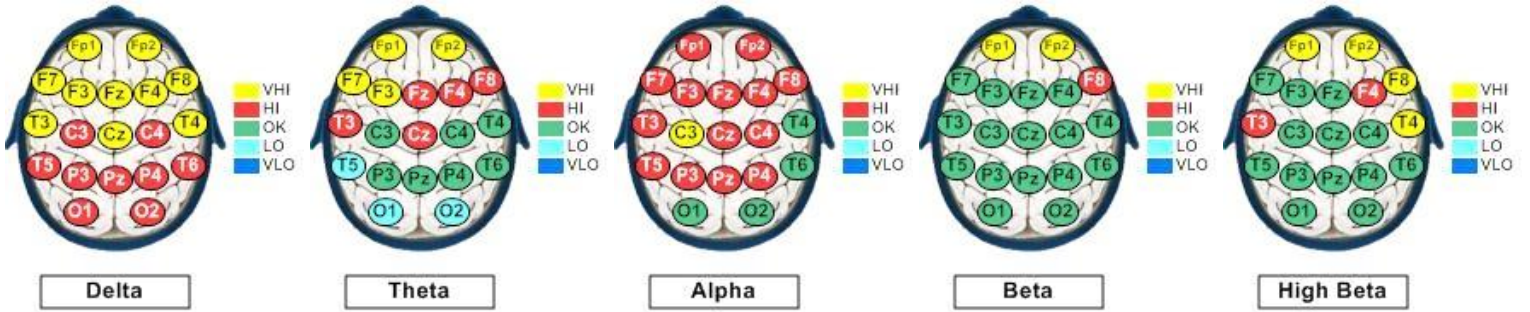
Inter-Connectivity



Asymmetry



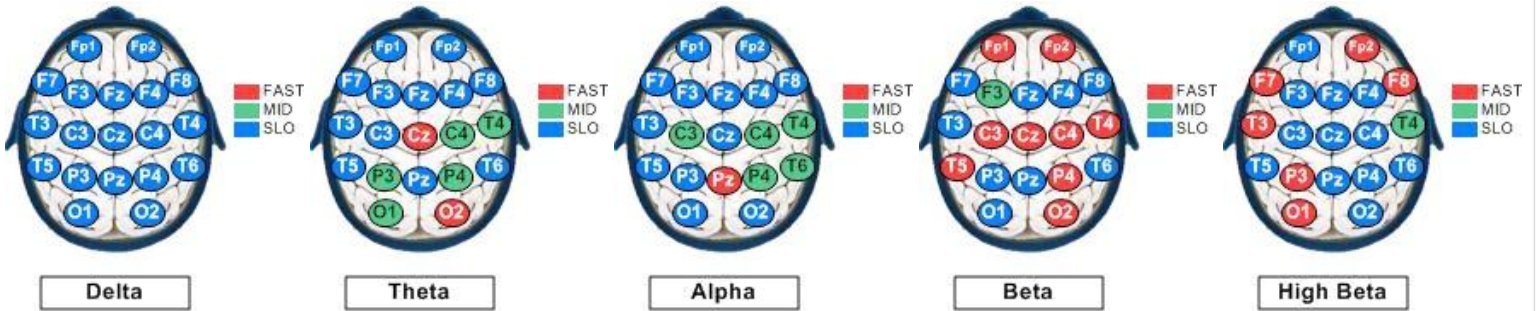
Magnitude



Magnitude Contrast

Down Up

Dominant Frequency



 Check Physiology

Inter-Connectivity



Asymmetry

