

EEG recorded on: 08–Aug–2022  
EEG processed on: 08–Aug–2022 22:41h

MONTAGE: Linked Ears



#### SUBJECT INFORMATION:

EEG ID: 989641  
Age: 43.0  
Gender: male  
Handedness: right  
Condition: Eyes Closed

#### ARTIFACT REJECTION/CORRECTION RESULTS:

Noisy channels:  
High frequency artifacts will be ignored in these channels.  
Percentage rejected data: 16%  
(High percentages indicate bad data quality)  
Record length: 6:04  
Edit length: 5:07

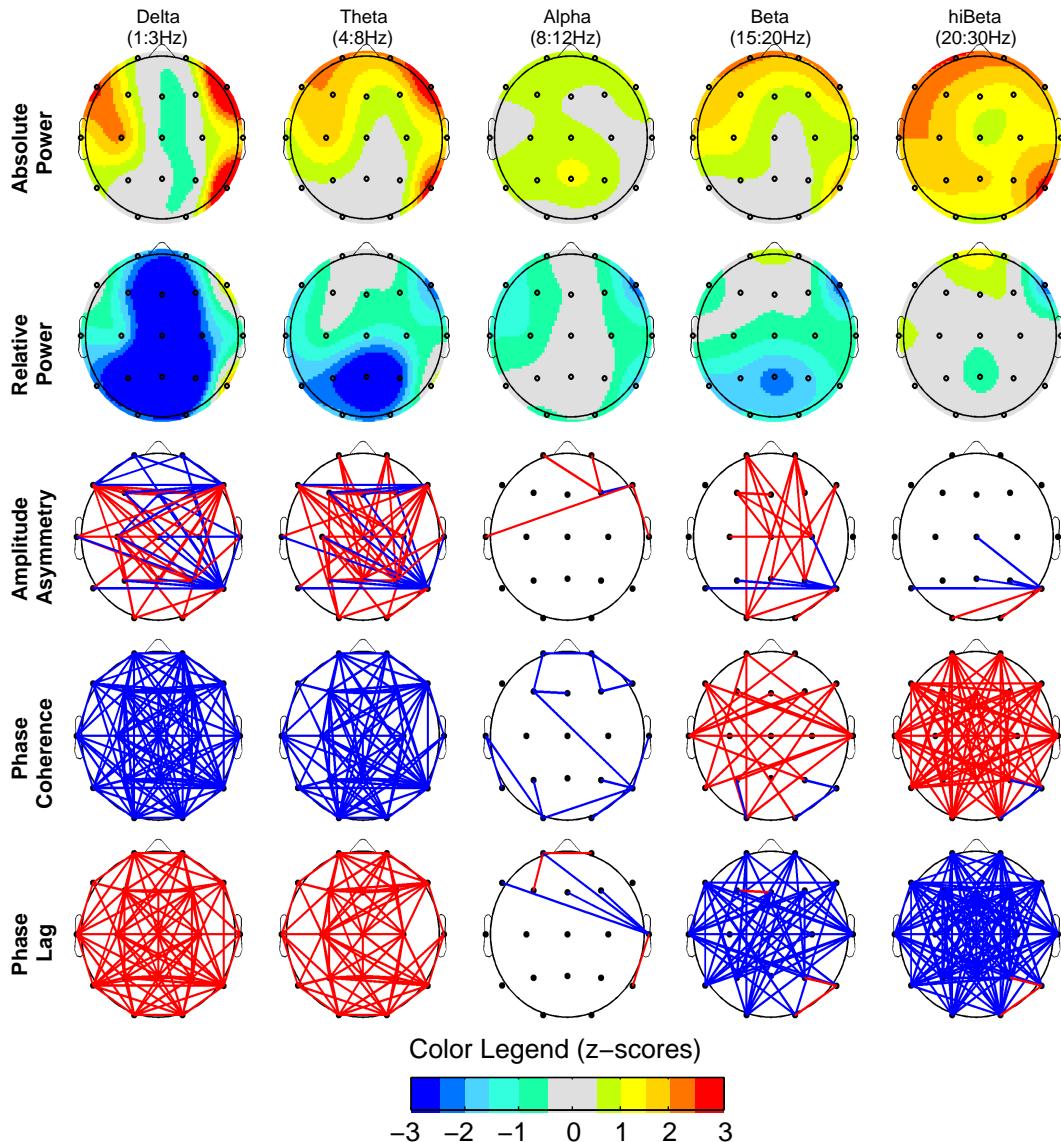
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WARNING: Very large artifacts detected, possible epileptiform episode(s).

Nr of episodes: 1  
Time of detection in original recording (minutes:seconds):  
1:53  
Duration of episodes (seconds):  
4  
Please review the original recording and/or consult a certified neurologist.

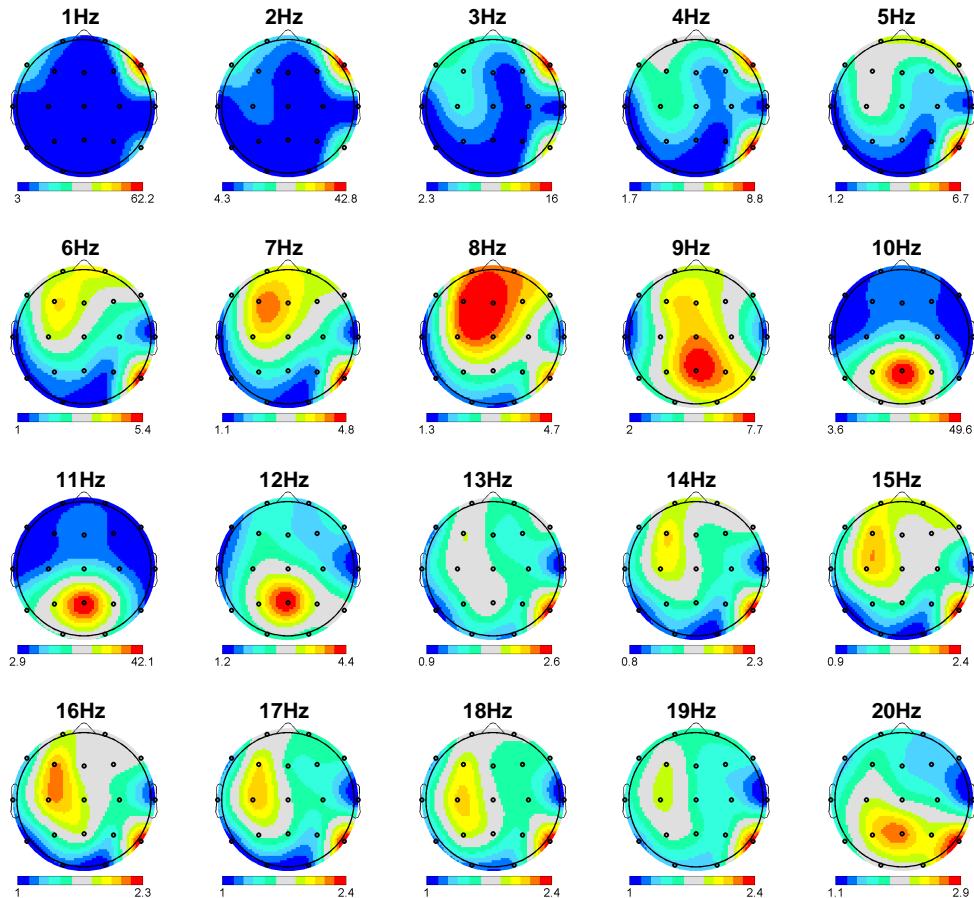
EEG ID: 989641  
Test Date: 2022-08-08  
Age: 43.0  
Gender: Male  
Montage: Linked Ears  
Eyes Closed

## Summary of the Z-score analyses



EEG ID: 989641  
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## FFT Absolute Power



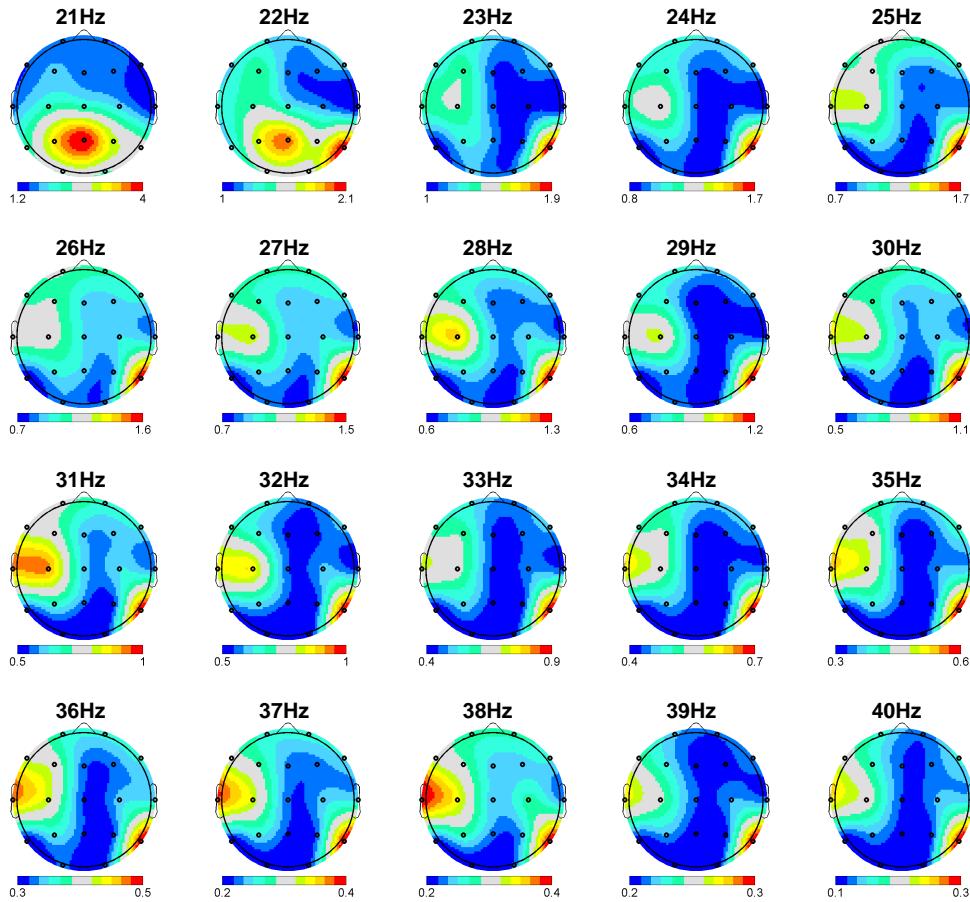
Color Legend ( $\mu\text{V}^2$  squared)



(adaptive)

EEG ID: 989641  
Test Date: 2022-08-08  
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## FFT Absolute Power



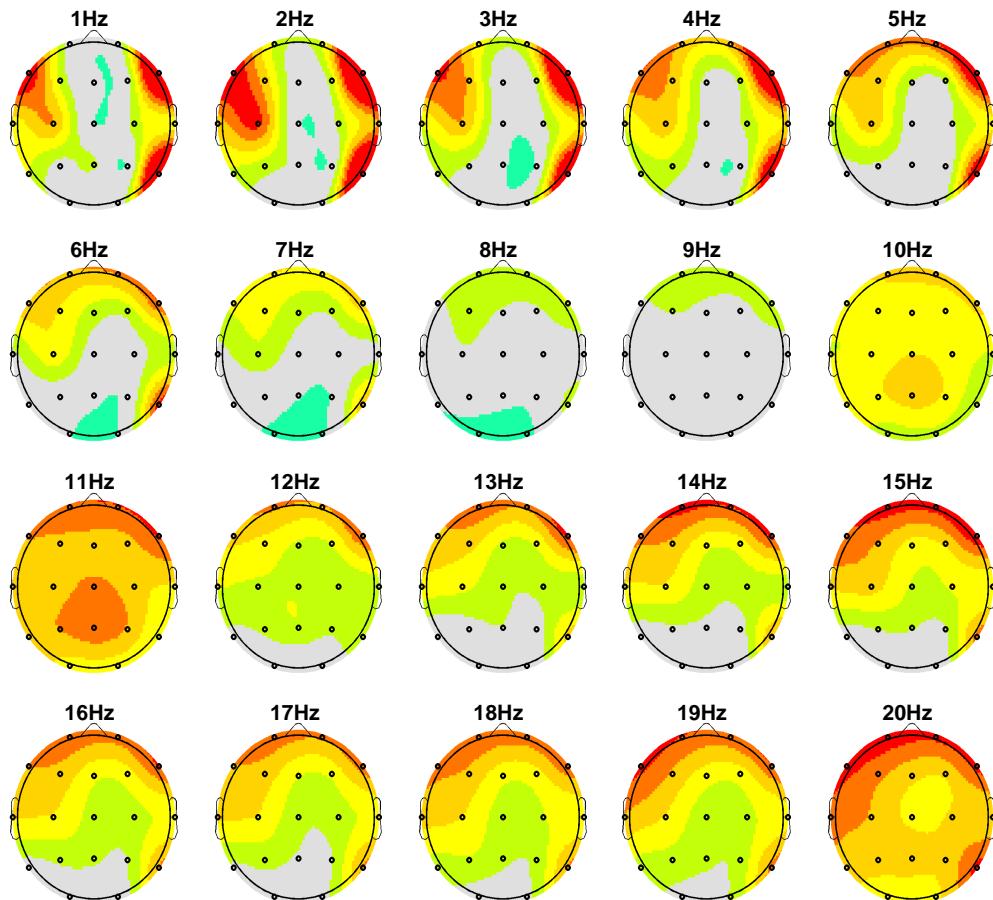
Color Legend ( $\mu\text{V}^2$  squared)



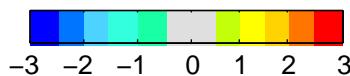
(adaptive)

EEG ID: 989641  
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## Z-scored FFT Absolute Power

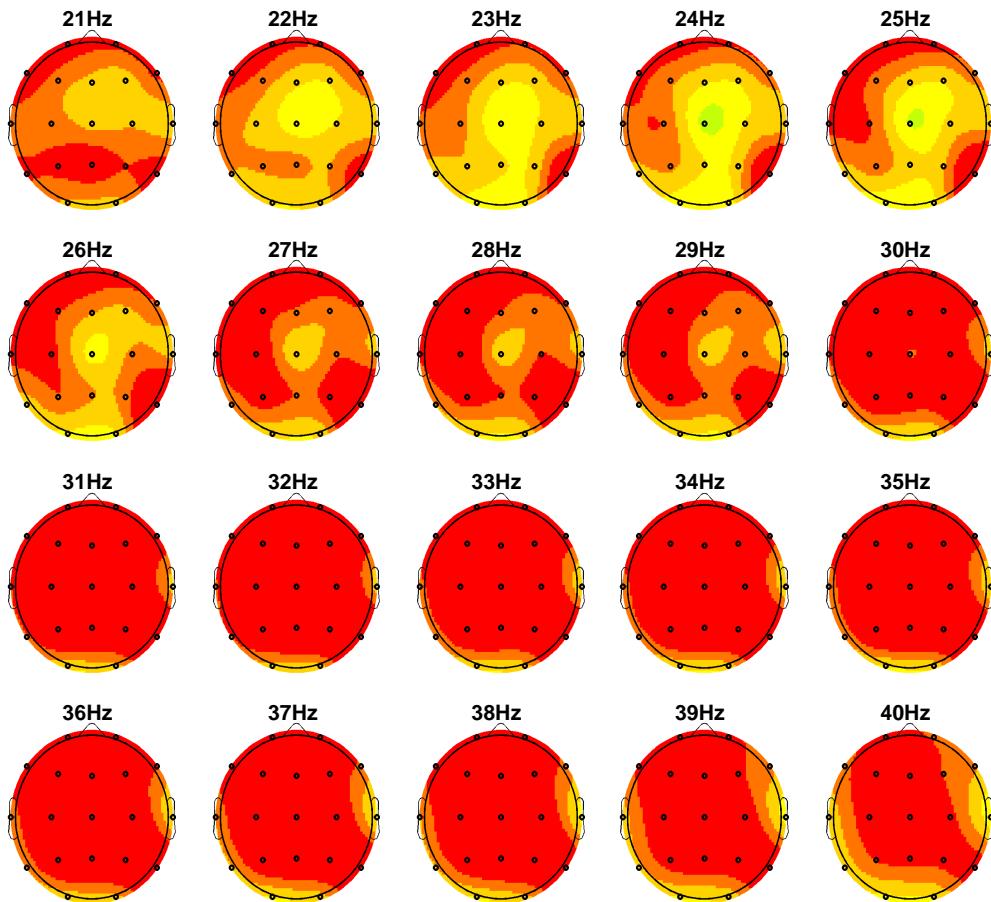


Color Legend (z-scores)

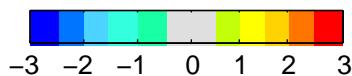


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## Z-scored FFT Absolute Power

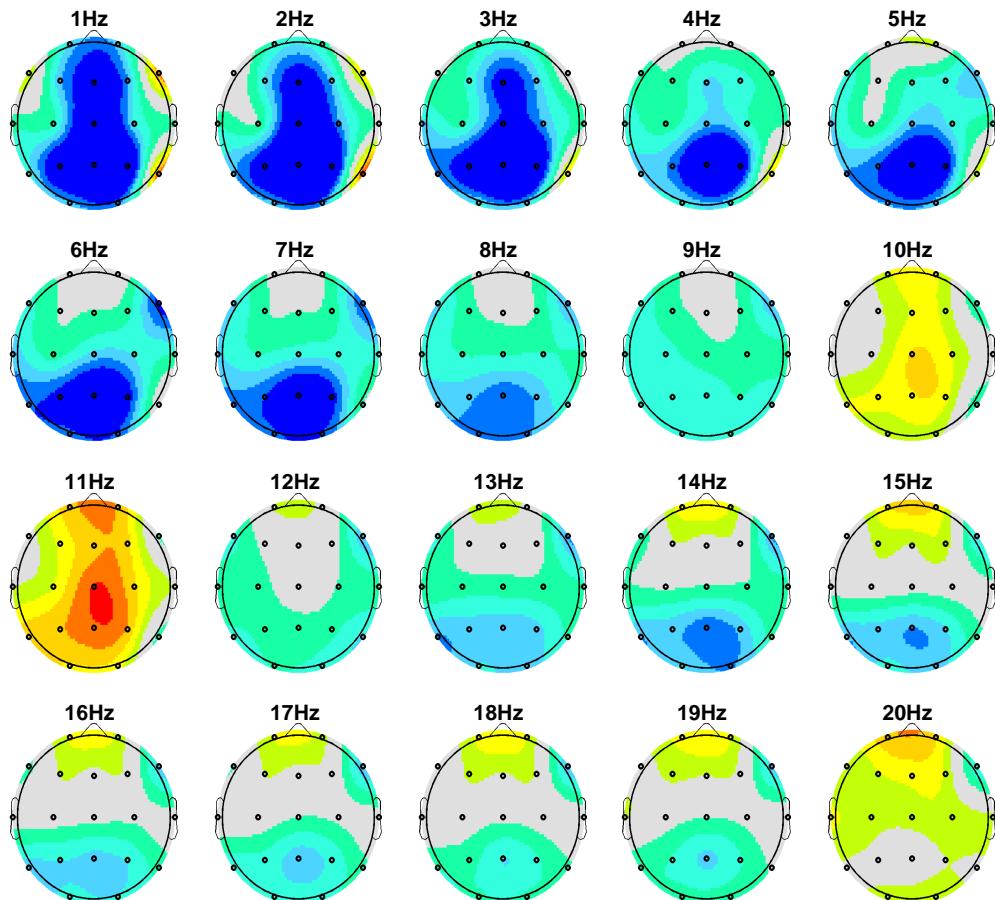


Color Legend (z-scores)

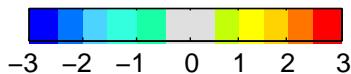


EEG ID: 989641  
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## Z-scored FFT Relative Power

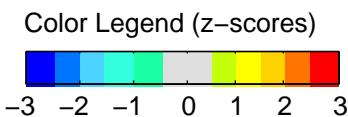
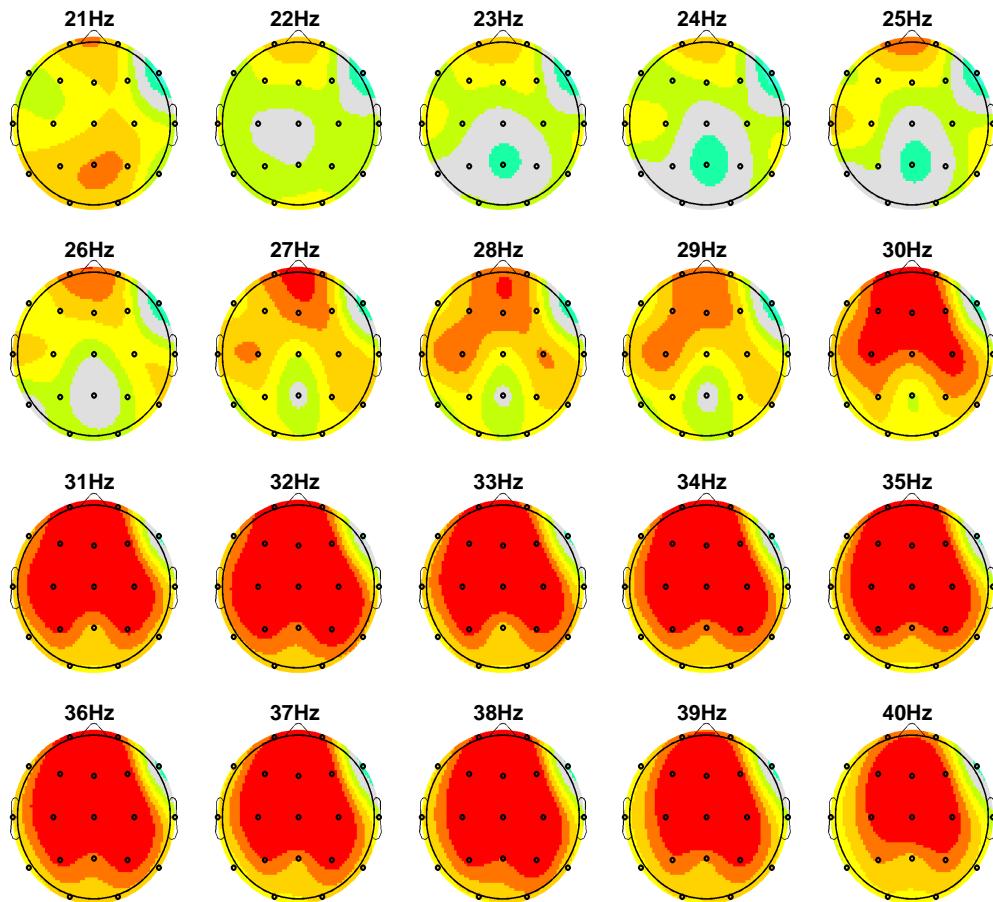


Color Legend (z-scores)



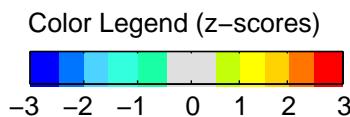
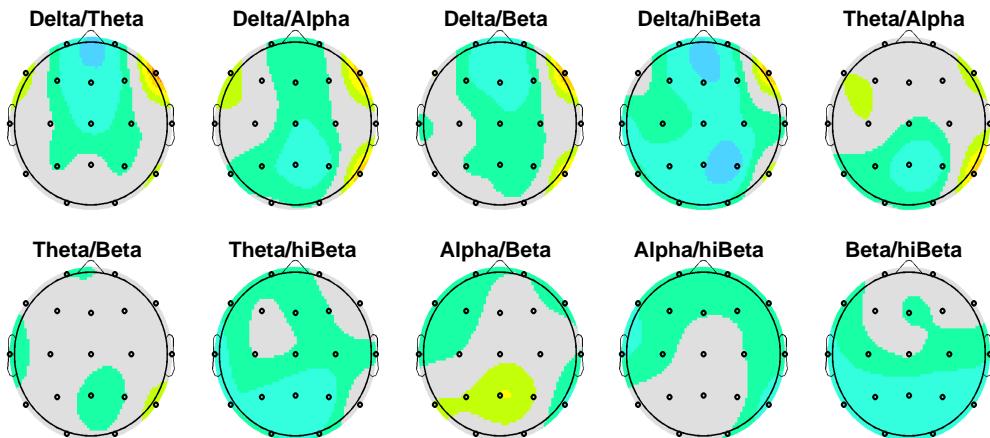
EEG ID: 989641  
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## Z-scored FFT Relative Power



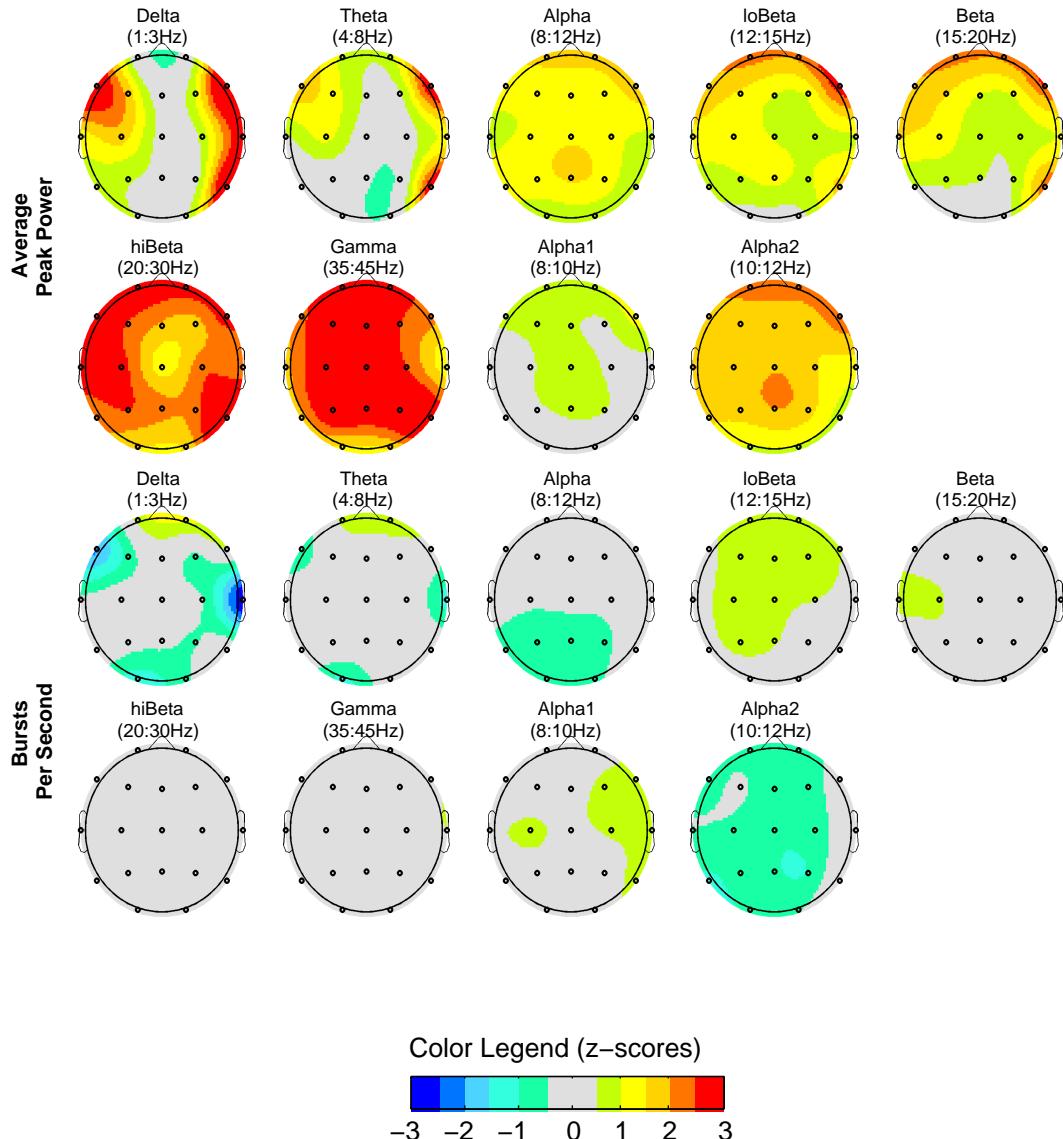
EEG ID: 989641  
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## Z-scored Power Ratio



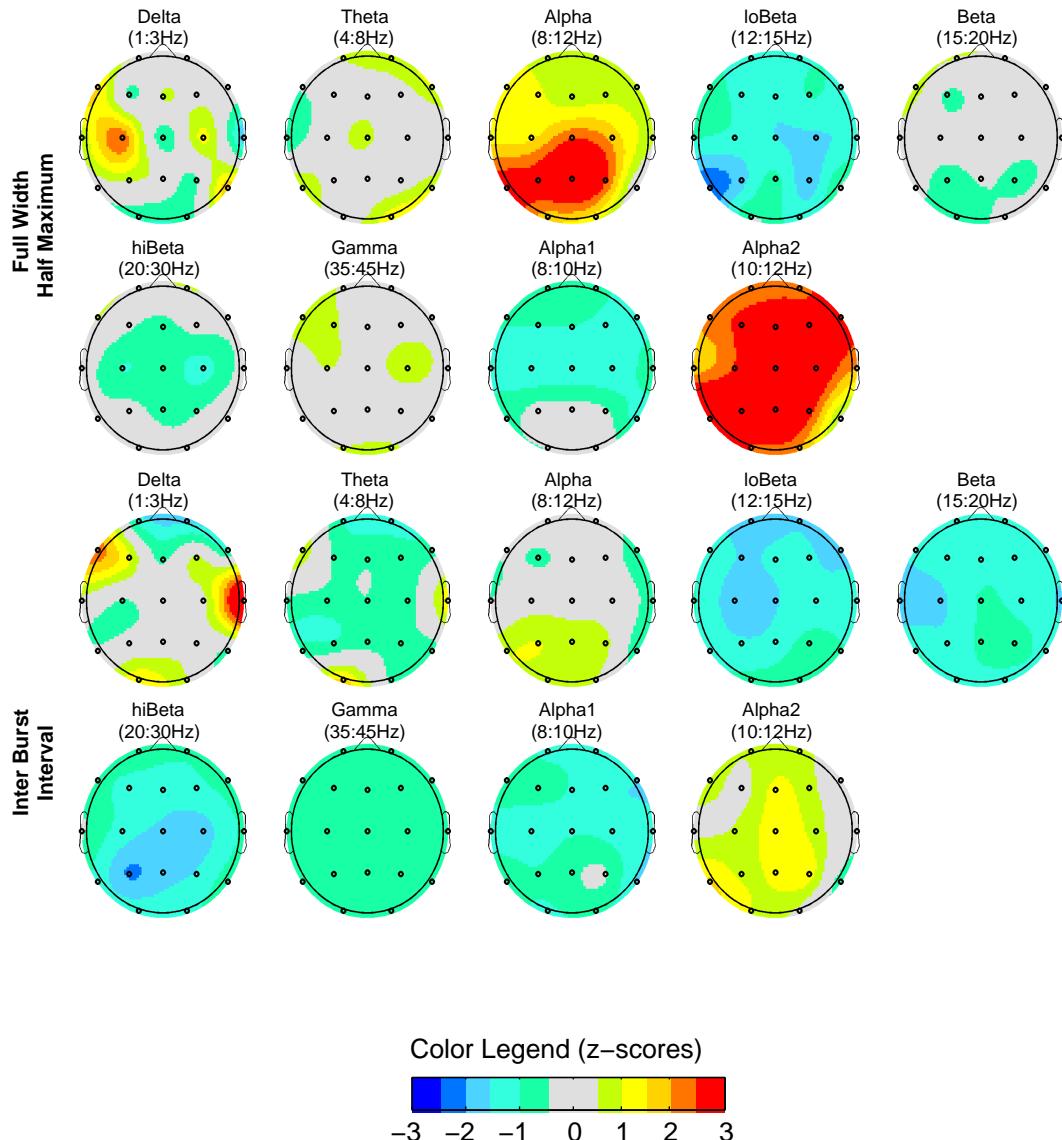
EEG ID: 989641  
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## Z-scored Burst Metrics



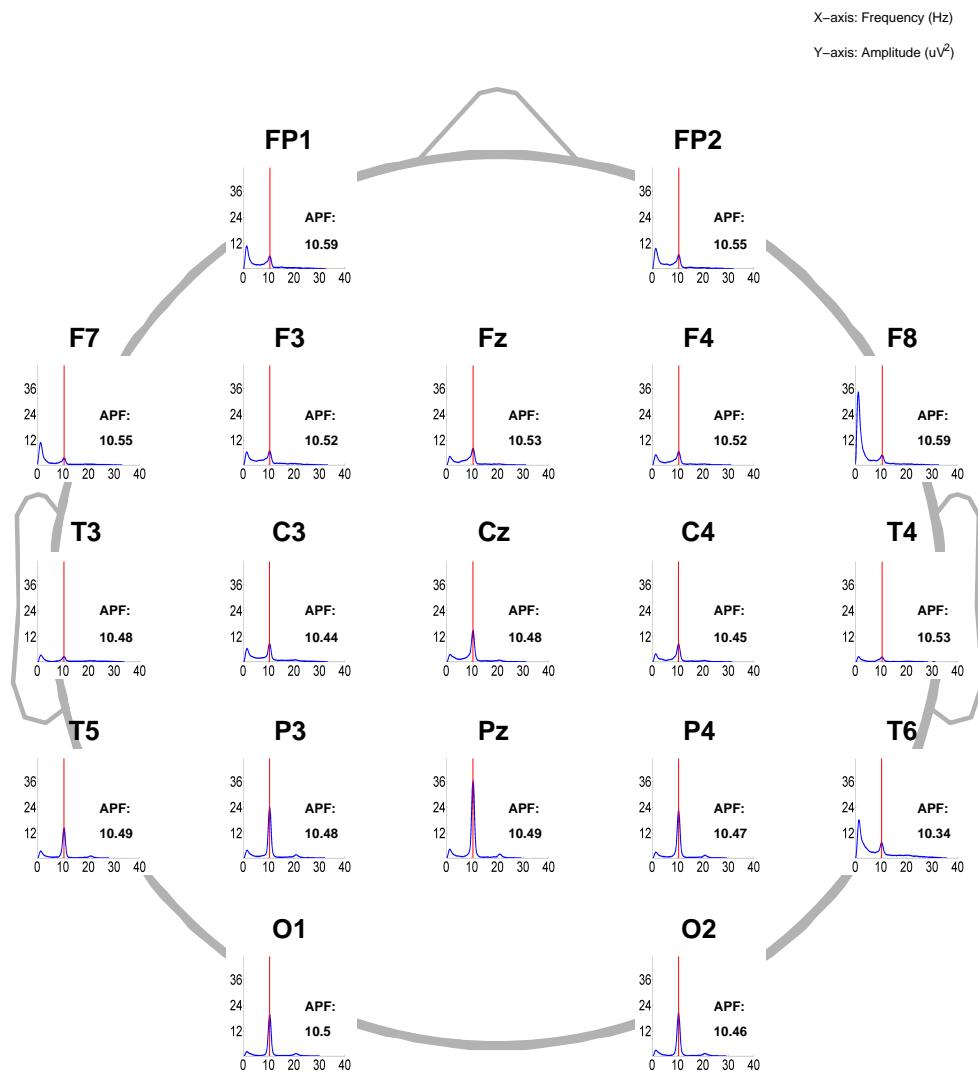
EEG ID: 989641  
Test Date: 2022-08-08  
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## Z-scored Burst Metrics



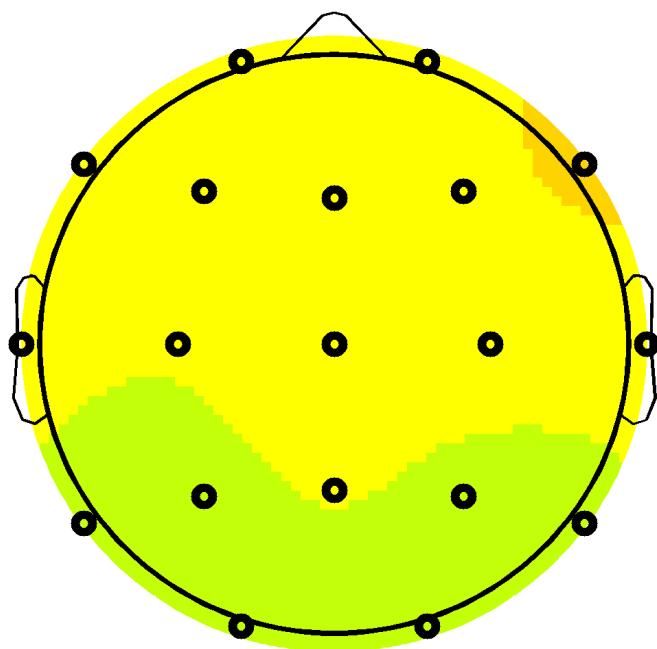
EEG ID: 989641  
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## FFT power distribution and Alpha Peak

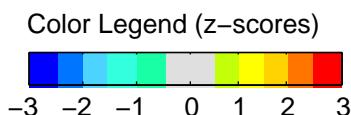


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## Z-scored Alpha Peak

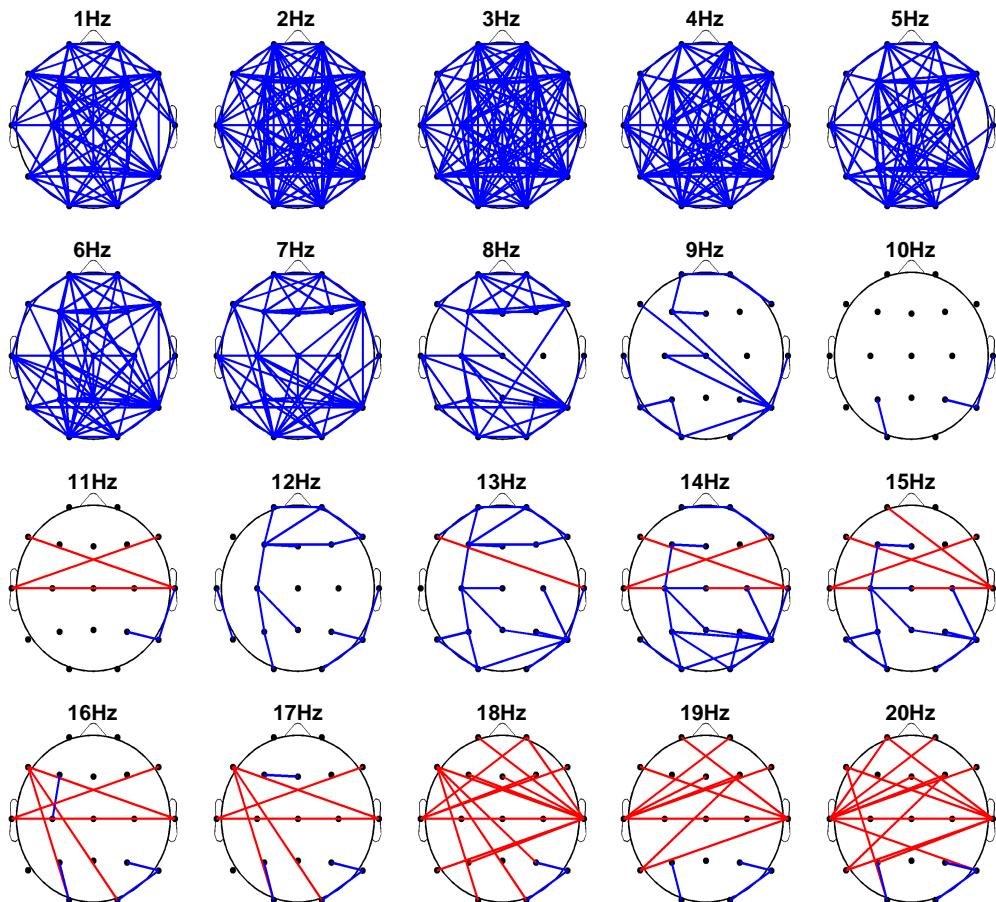


Ch	APF	Z-APF
FP1	10.6	1.3
FP2	10.6	1.4
F7	10.6	1.4
F3	10.5	1.3
Fz	10.5	1.4
F4	10.5	1.4
F8	10.6	1.6
T3	10.5	1.2
C3	10.4	1.1
Cz	10.5	1.3
C4	10.5	1.3
T4	10.5	1.3
T5	10.5	0.9
P3	10.5	0.9
Pz	10.5	1.1
P4	10.5	0.9
T6	10.3	0.9
O1	10.5	0.8
O2	10.5	0.8

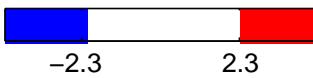


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## Z-scored Phase Coherence

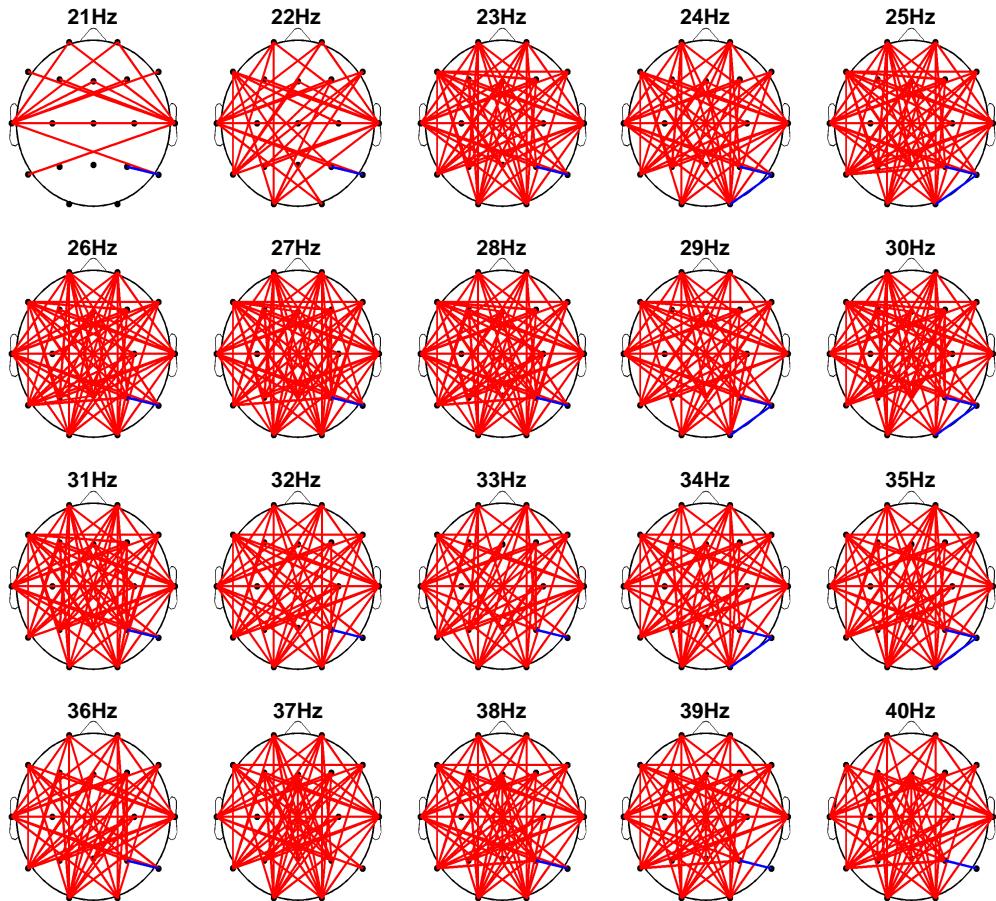


Color Legend (z-scores)



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## Z-scored Phase Coherence

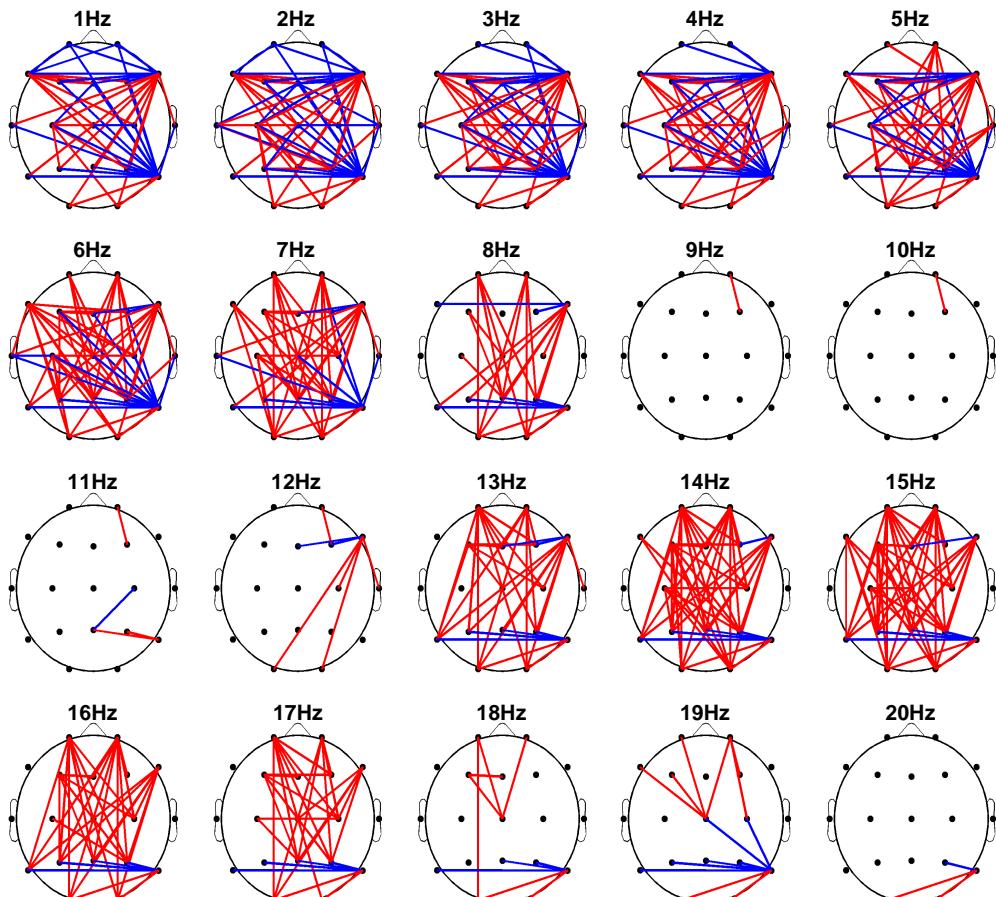


Color Legend (z-scores)

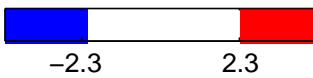


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## Z-scored Amplitude Asymmetry

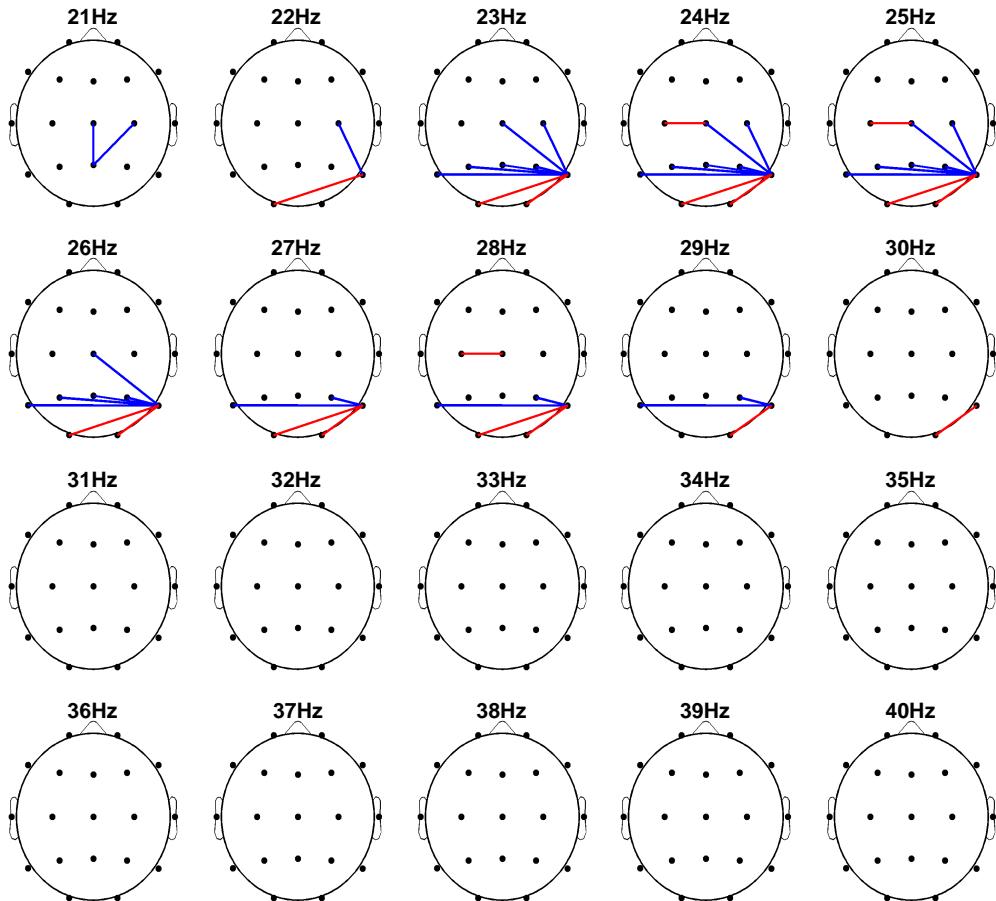


Color Legend (z-scores)

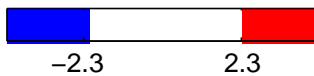


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## Z-scored Amplitude Asymmetry

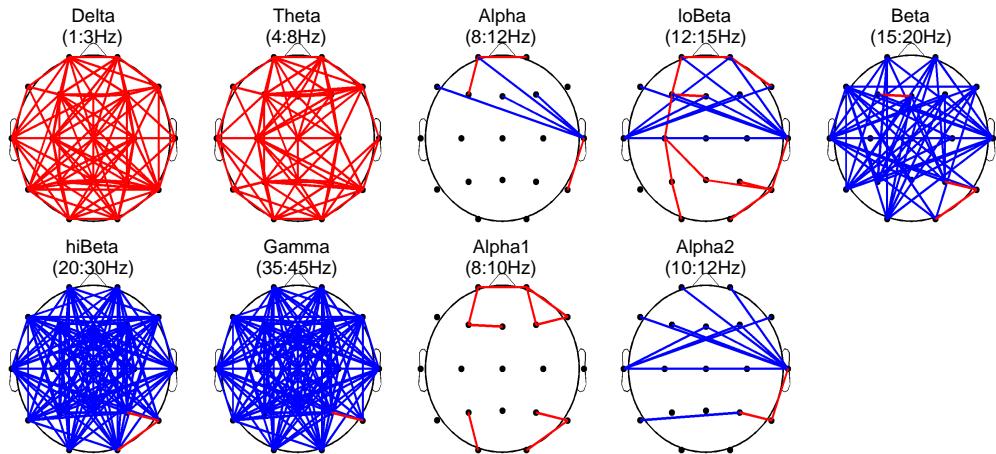


Color Legend (z-scores)

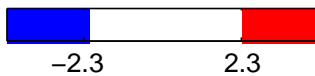


EEG ID: 989641  
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## Z-scored Phase Lag

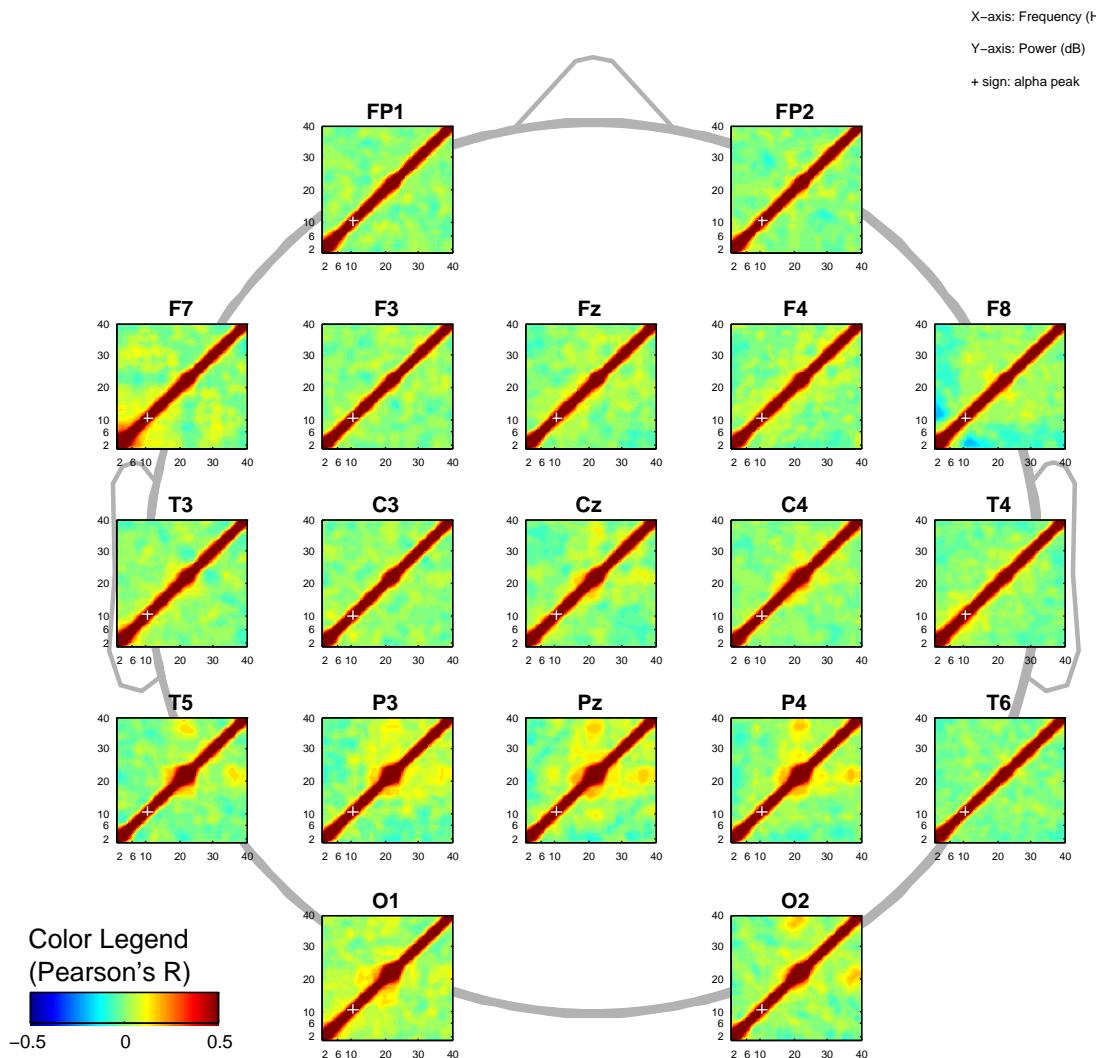


Color Legend (z-scores)



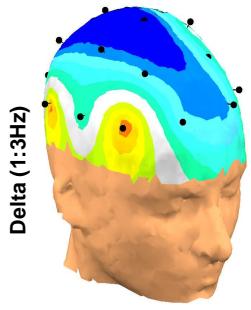
EEG ID: 989641  
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Eyes Closed

## Comodulation

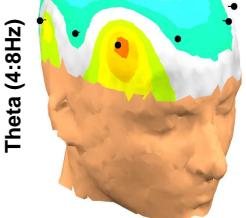


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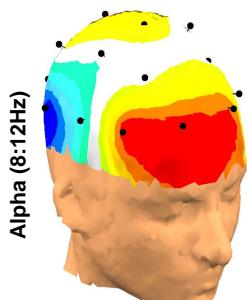
## Extreme z-score development



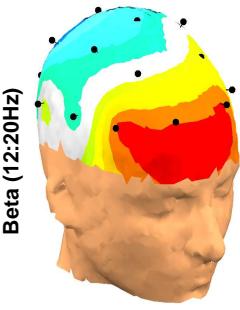
Z-score: 5.2  
Channel: F8  
Frequency: 2 Hz



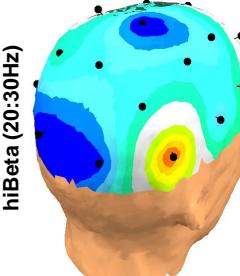
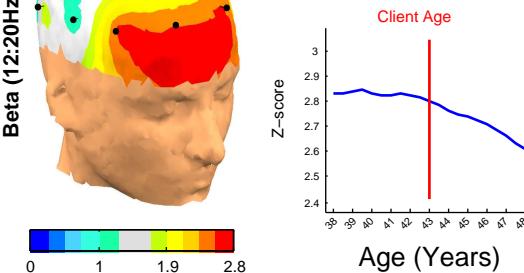
Z-score: 4.2  
Channel: F8  
Frequency: 4 Hz



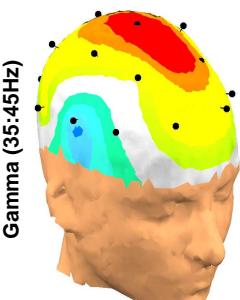
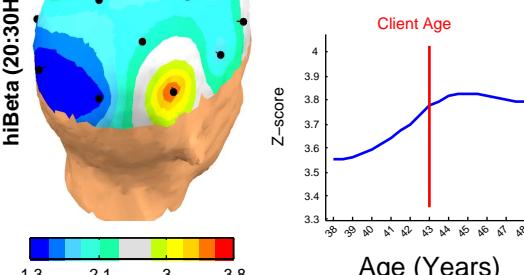
Z-score: 2.5  
Channel: F8  
Frequency: 11 Hz



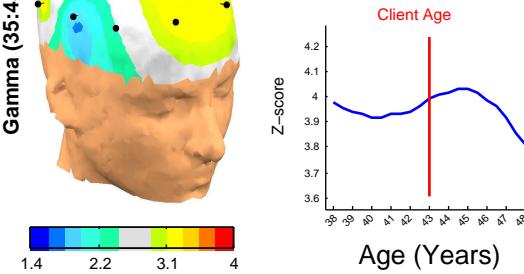
Z-score: 2.8  
Channel: F8  
Frequency: 15 Hz



Z-score: 3.8  
Channel: T6  
Frequency: 26 Hz

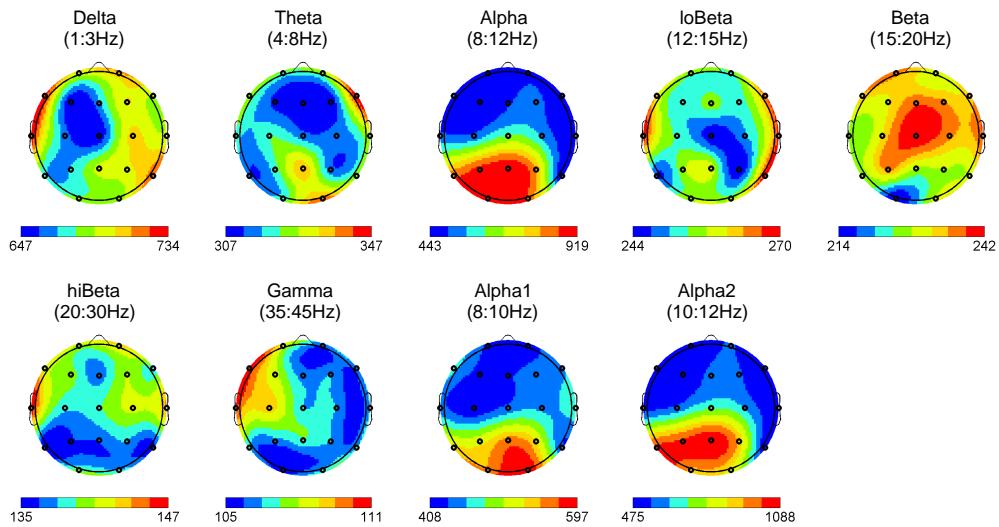


Z-score: 4  
Channel: Fz  
Frequency: 38 Hz



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## Fluctuation Time



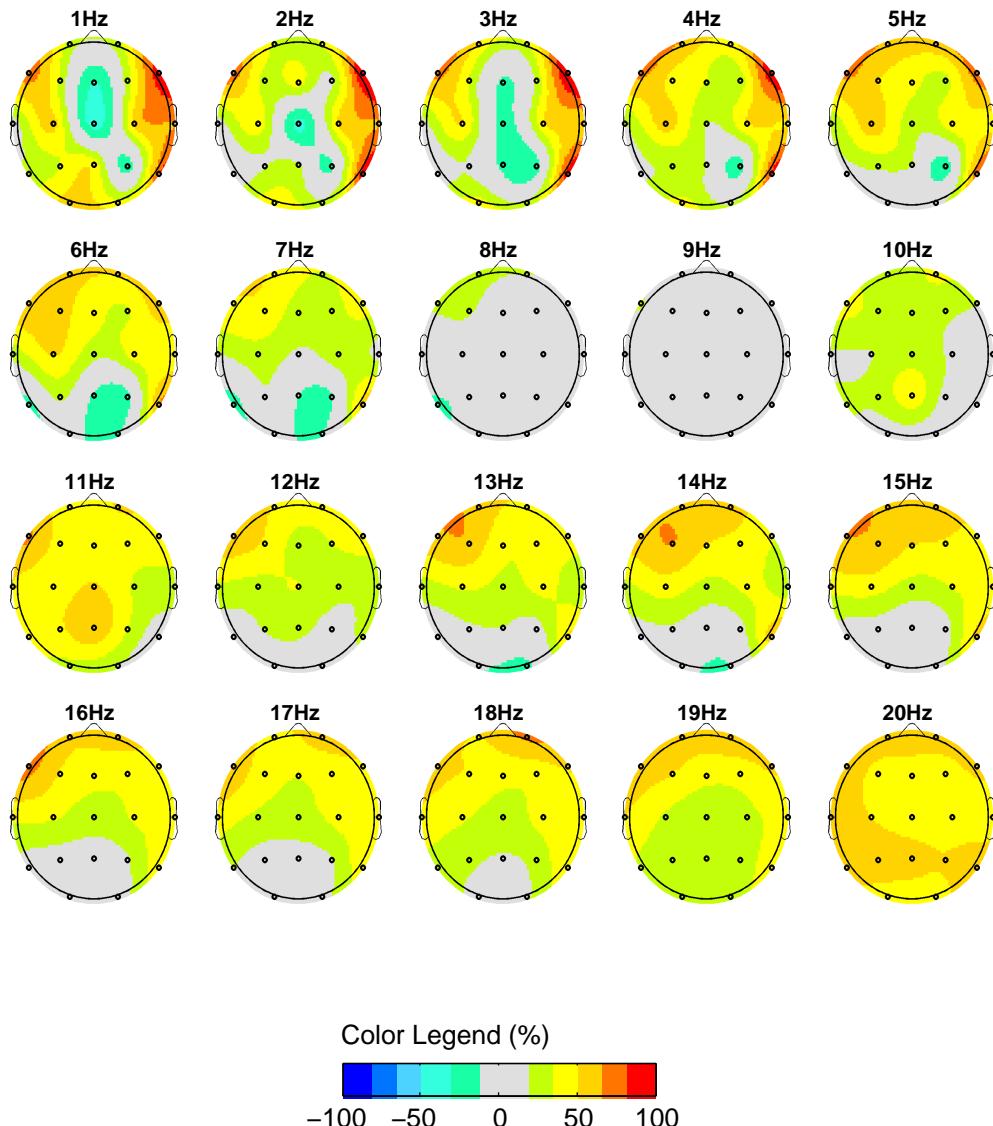
Fluctuation Time (Ms)



(adaptive)

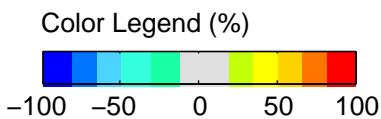
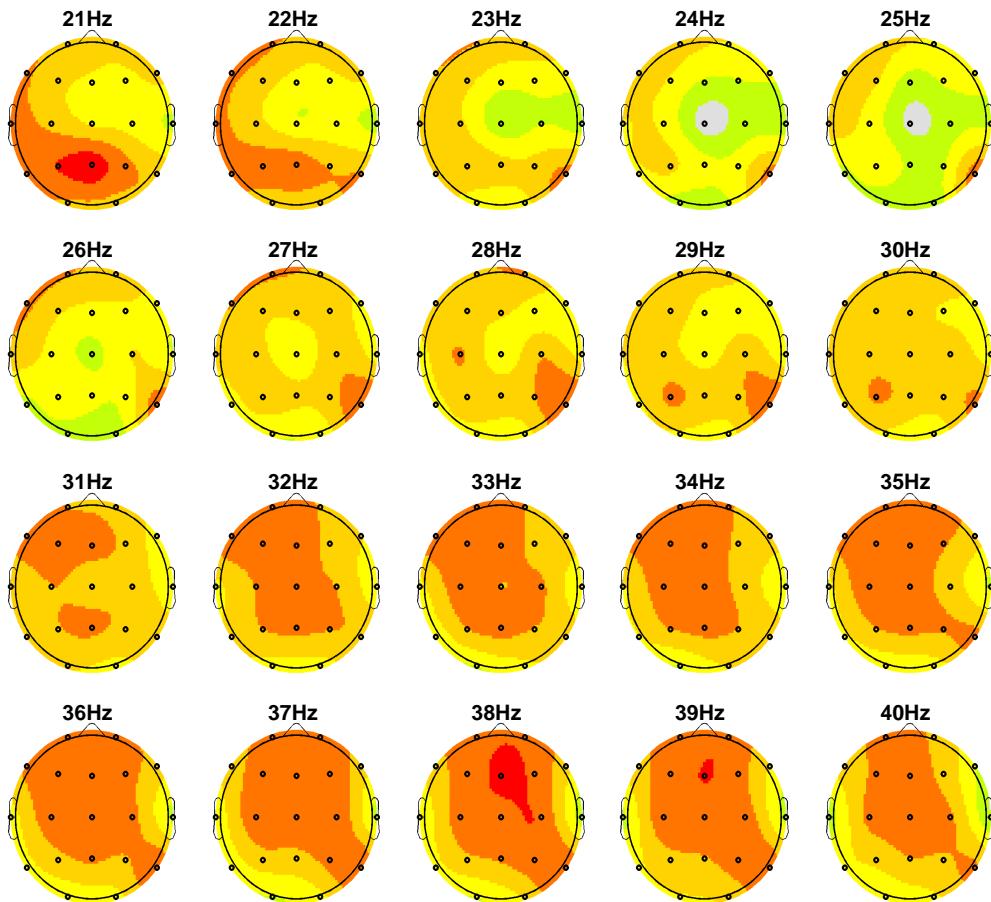
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## Percentage Deviant Activity



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## Percentage Deviant Activity



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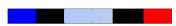
## Tables: Amplitude

Absolute Power ( $\mu\text{V}^2$ )

Ch	Delta	Z-Delta	Theta	Z-Theta	Alpha	Z-Alpha	Beta	Z-Beta	hiBeta	Z-hiBeta
FP1	22.2	0.4	14.2	2.0	17.1	0.9	6.8	2.1	8.3	2.5
FP2	22.5	0.5	14.4	2.1	17.7	0.9	6.5	2.0	7.8	2.2
F7	31.6	2.6	9.5	1.9	10.4	0.6	5.3	1.9	8.0	2.4
F3	15.5	1.2	14.8	1.9	18.6	0.6	7.9	1.5	8.7	1.9
Fz	10.1	-0.4	12.4	1.0	20.3	0.5	6.3	0.9	7.1	1.3
F4	11.8	0.3	10.7	1.1	17.1	0.5	6.1	1.0	7.1	1.3
F8	88.2	4.8	14.9	3.3	13.9	1.1	6.1	2.1	7.4	2.0
T3	7.2	1.2	4.2	0.8	7.7	0.4	5.3	1.4	8.9	2.0
C3	15.7	2.1	13.2	1.8	20.7	0.6	8.2	1.3	10.0	1.9
Cz	9.3	-0.5	11.2	0.6	30.4	0.7	6.8	0.5	8.0	0.9
C4	9.5	0.5	8.7	0.8	20.0	0.5	6.1	0.7	7.5	1.3
T4	7.9	1.5	5.0	1.4	7.7	0.4	4.1	0.9	6.3	1.4
T5	7.3	0.8	5.0	0.4	29.7	0.7	4.7	0.3	7.2	1.5
P3	9.0	0.3	8.0	0.6	46.8	0.8	7.0	0.6	9.8	1.7
Pz	9.9	0.1	7.8	0.1	69.2	1.1	7.1	0.5	10.1	1.7
P4	6.9	-0.4	6.3	0.1	45.5	0.8	6.0	0.4	8.8	1.5
T6	35.8	4.6	19.8	3.0	21.4	0.3	9.7	1.8	13.2	2.7
O1	7.4	0.1	5.5	-0.0	35.9	0.2	5.1	0.1	8.3	1.0
O2	7.2	0.0	5.5	0.0	38.0	0.3	5.2	0.2	8.2	1.1

Font

Color Legend (z-scores)



-3 -2 -1.5 0 1.5 2 3

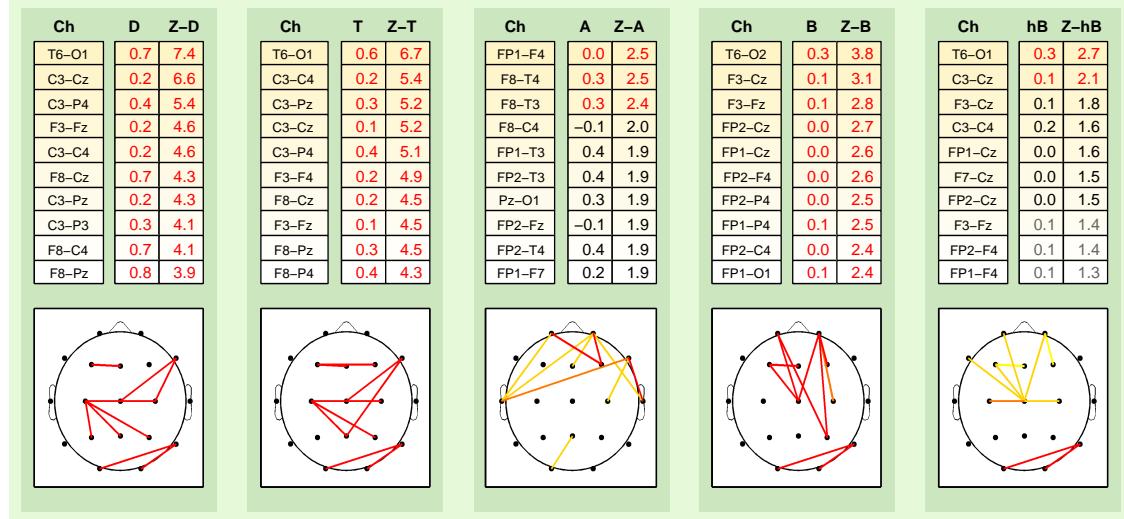
Relative Power (%)

Ch	Delta	Z-Delta	Theta	Z-Theta	Alpha	Z-Alpha	Beta	Z-Beta	hiBeta	Z-hiBeta
FP1	21.2	-1.7	13.6	-0.0	16.3	-0.4	6.5	0.6	7.9	1.0
FP2	21.4	-1.7	13.7	-0.0	16.8	-0.4	6.2	0.4	7.4	0.8
F7	31.9	0.1	9.6	-1.5	10.5	-1.5	5.3	-0.8	8.0	-0.0
F3	15.4	-2.2	14.7	-0.2	18.5	-0.8	7.8	-0.0	8.6	0.3
Fz	11.9	-3.9	14.5	-0.5	23.9	-0.3	7.4	-0.2	8.4	0.5
F4	14.6	-2.6	13.3	-0.6	21.3	-0.5	7.6	-0.2	8.8	0.3
F8	46.9	1.4	7.9	-2.2	7.4	-2.2	3.3	-2.4	4.0	-2.2
T3	13.1	-1.3	7.5	-1.6	14.0	-1.0	9.6	-0.2	16.1	0.8
C3	14.9	-1.2	12.6	-0.4	19.8	-0.8	7.8	-0.4	9.6	0.2
Cz	9.3	-4.3	11.2	-1.3	30.3	0.0	6.8	-0.8	8.0	-0.2
C4	11.9	-2.5	10.8	-1.0	25.0	-0.4	7.6	-0.6	9.4	0.2
T4	15.8	-0.7	10.0	-0.6	15.6	-0.9	8.3	-0.5	12.7	0.3
T5	8.6	-2.2	6.0	-2.0	35.3	-0.2	5.6	-1.8	8.5	-0.2
P3	7.2	-3.9	6.4	-2.4	37.5	-0.2	5.6	-1.7	7.8	-0.1
Pz	6.2	-5.0	4.9	-3.7	43.1	0.1	4.4	-2.2	6.3	-0.6
P4	6.1	-4.8	5.6	-2.8	40.0	-0.0	5.3	-1.7	7.7	-0.1
T6	23.3	1.8	12.8	0.6	13.9	-1.7	6.3	-1.0	8.6	-0.0
O1	7.6	-2.2	5.7	-1.8	37.1	-0.5	5.3	-1.4	8.6	0.1
O2	7.2	-2.5	5.5	-1.9	38.3	-0.4	5.3	-1.4	8.3	0.1

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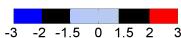
## Tables: Amplitude Asymmetry

Top 10 Z-scores



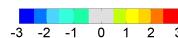
Font

Color Legend (z-scores)

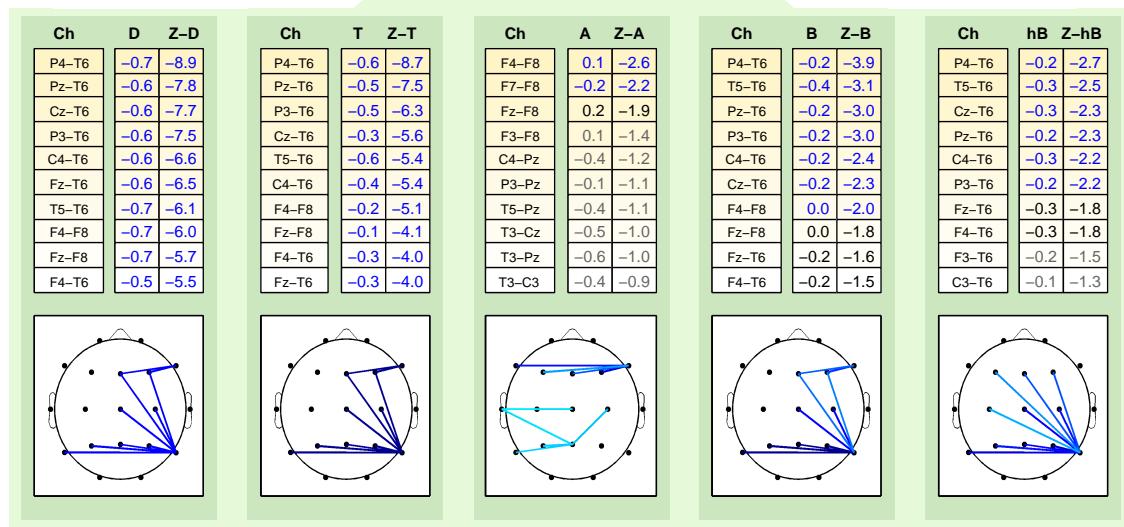


Headplot

Color Legend (z-scores)



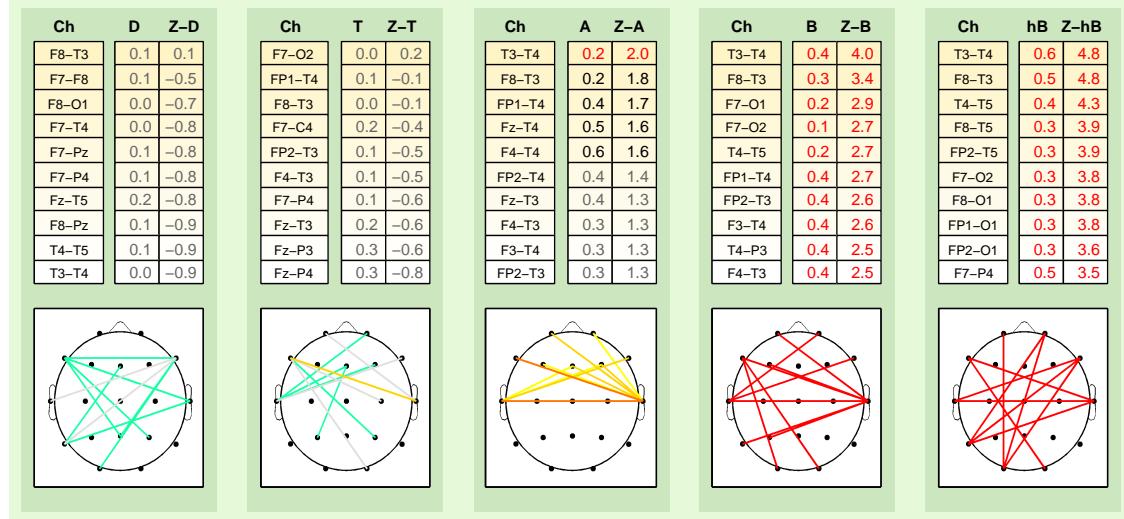
Bottom 10 Z-scores



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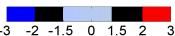
## Tables: Phase Coherence

Top 10 Z-scores



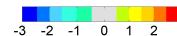
Font

Color Legend (z-scores)

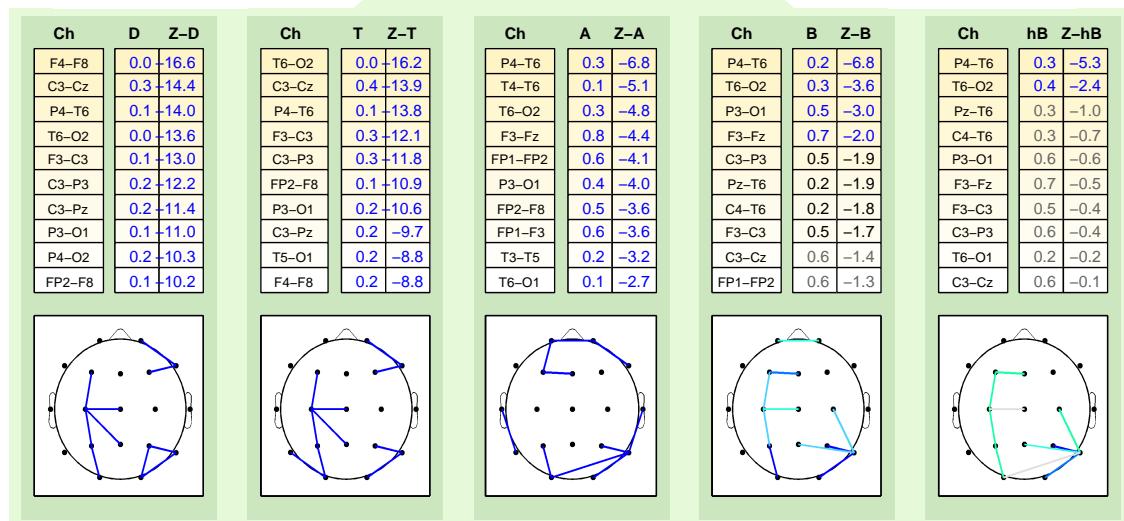


Headplot

Color Legend (z-scores)



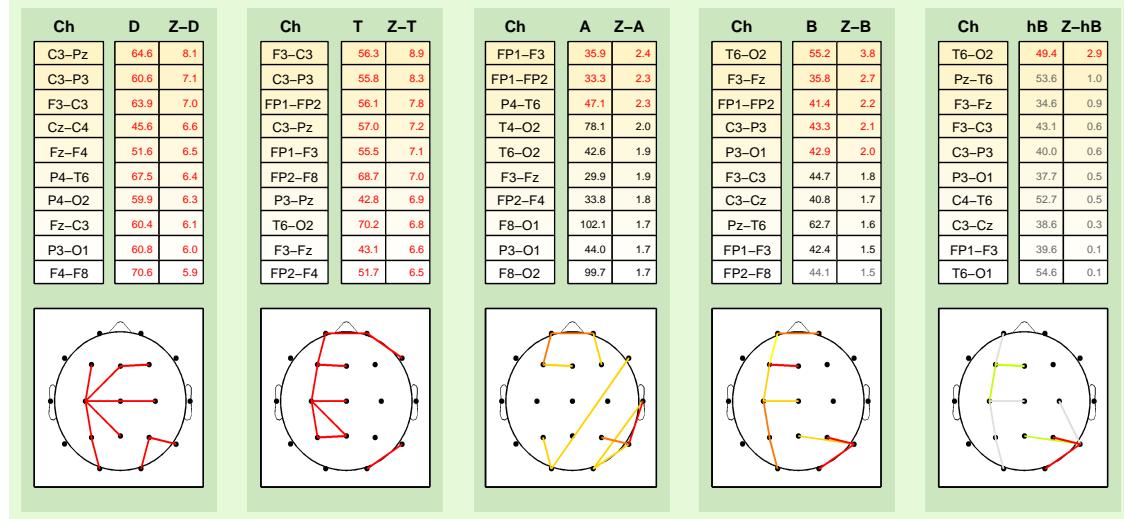
Bottom 10 Z-scores



EEG ID: 989641  
 Test Date: 2022-08-08  
 Age: 43.0  
 Gender: Male  
 Montage: Linked Ears  
 Eyes Closed

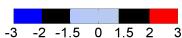
## Tables: Phase Lag

### Top 10 Z-scores



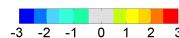
Font

Color Legend (z-scores)



Headplot

Color Legend (z-scores)



### Bottom 10 Z-scores

