

EEG recorded on: 08–Aug–2022  
EEG processed on: 10–Aug–2022 15:34h

MONTAGE: Laplacian



#### SUBJECT INFORMATION:

EEG ID: 298323  
Age: 43.0  
Gender: male  
Handedness: right  
Condition: Eyes Open

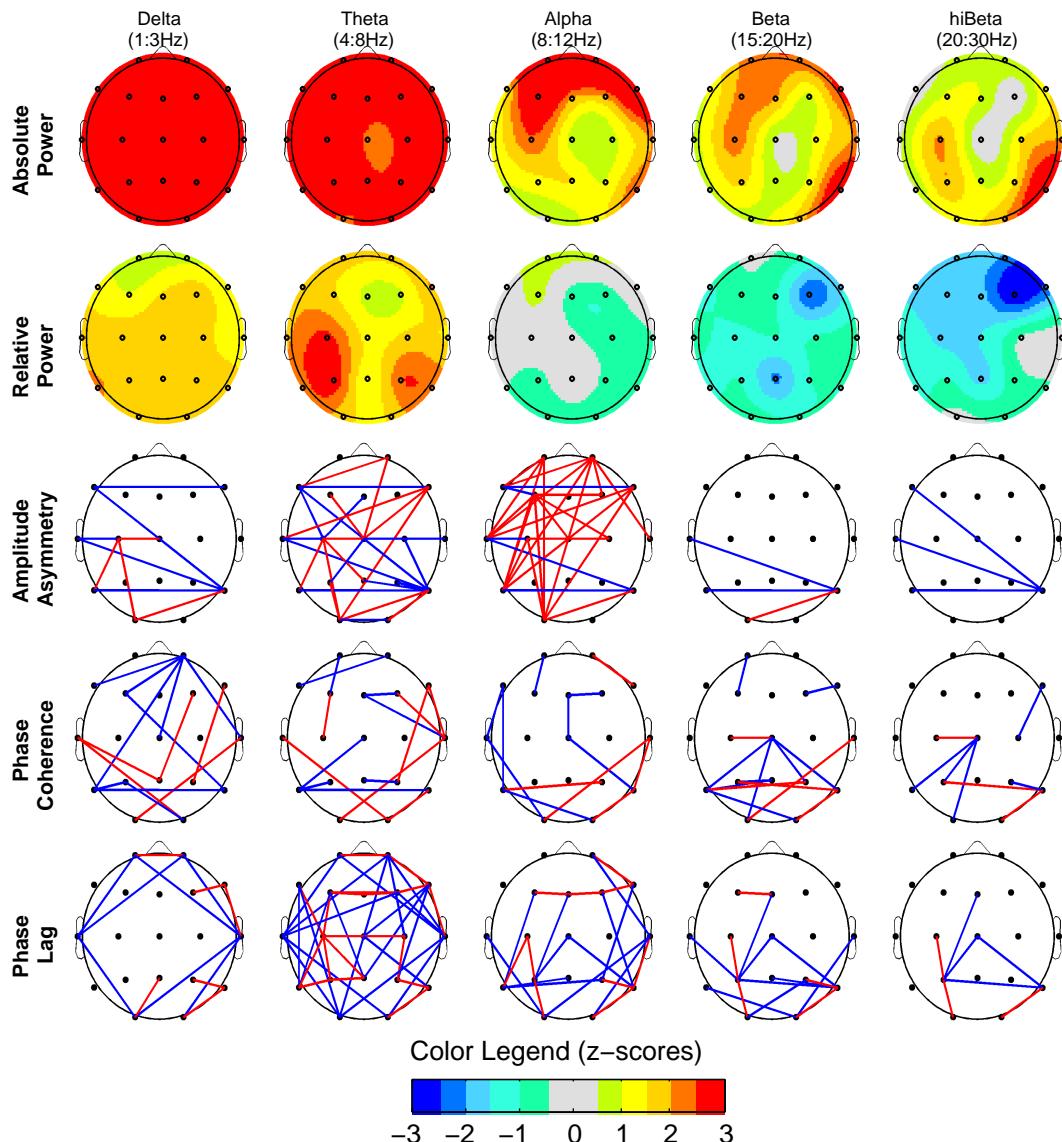
#### ARTIFACT REJECTION/CORRECTION RESULTS:

Noisy channels:  
High frequency artifacts will be ignored in these channels.  
Percentage rejected data: 34%  
(High percentages indicate bad data quality)  
Record length: 6:06  
Edit length: 4:02

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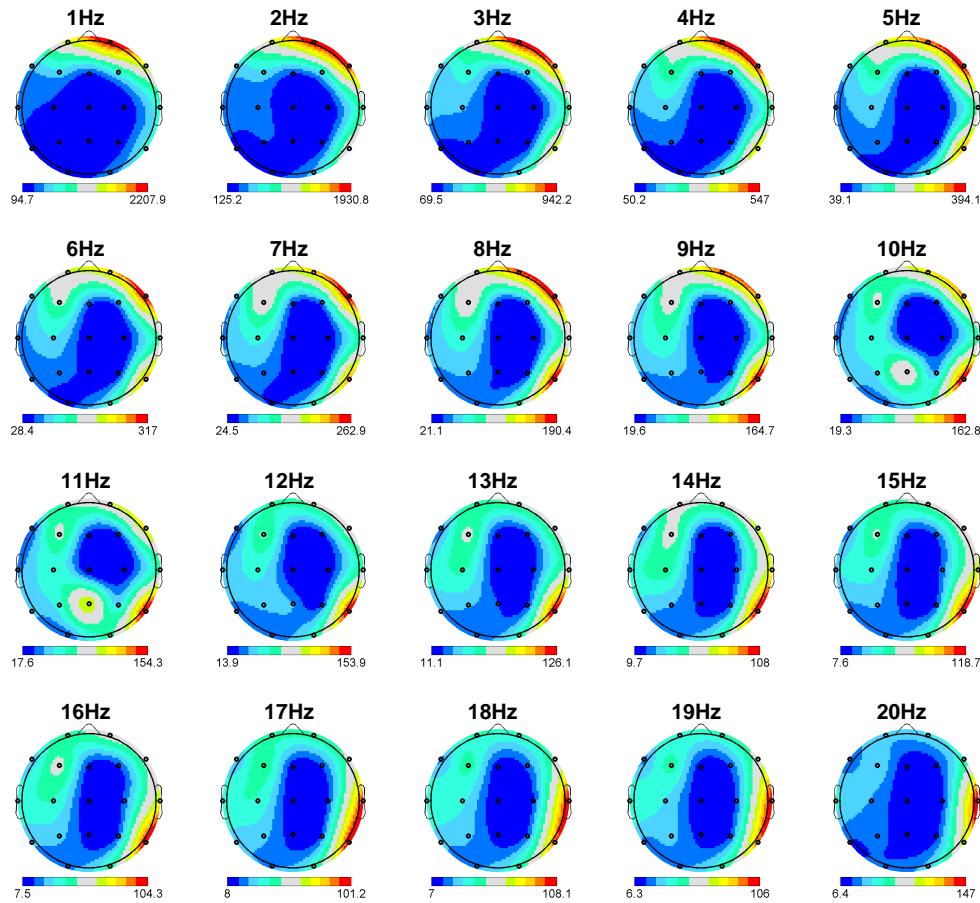
EEG ID: 298323  
Test Date: 2022-08-08  
Age: 43.0  
Gender: Male  
Montage: Laplacian  
Eyes Open

## Summary of the Z-score analyses

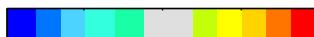


EEG ID: 298323  
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## FFT Absolute Power



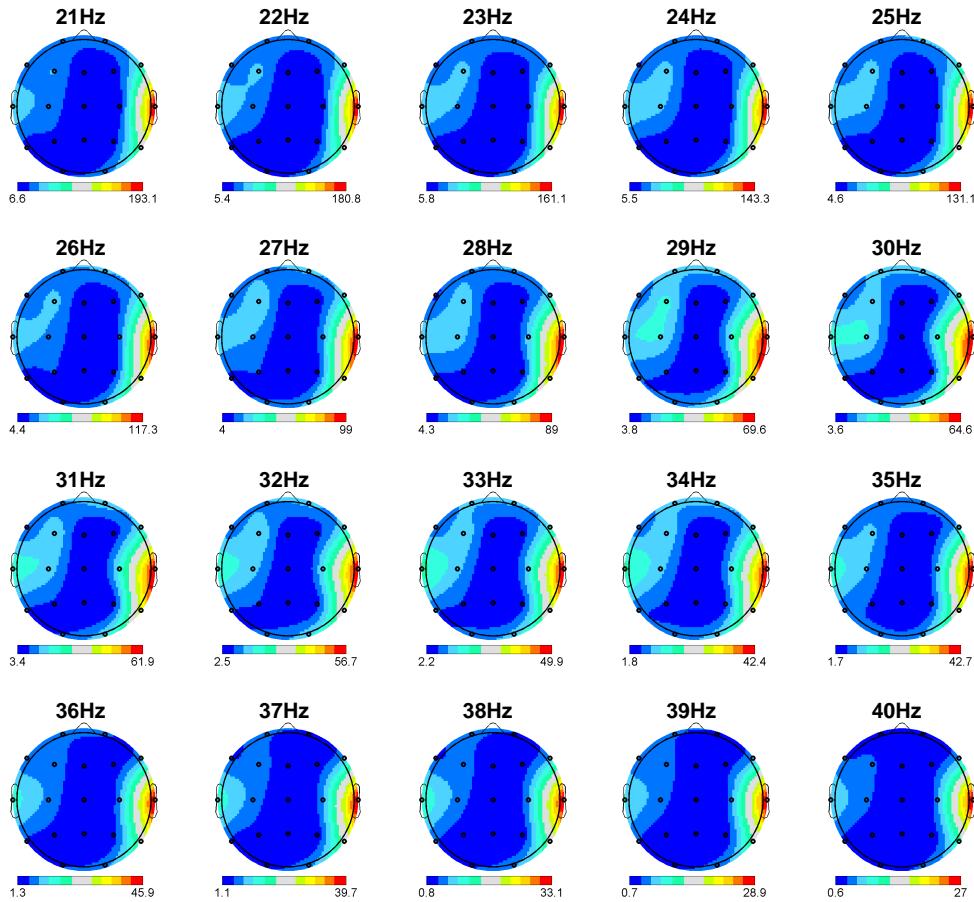
Color Legend ( $\mu\text{V}^2$  squared)



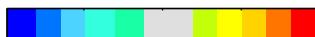
(adaptive)

EEG ID: 298323  
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Eyes Open

## FFT Absolute Power



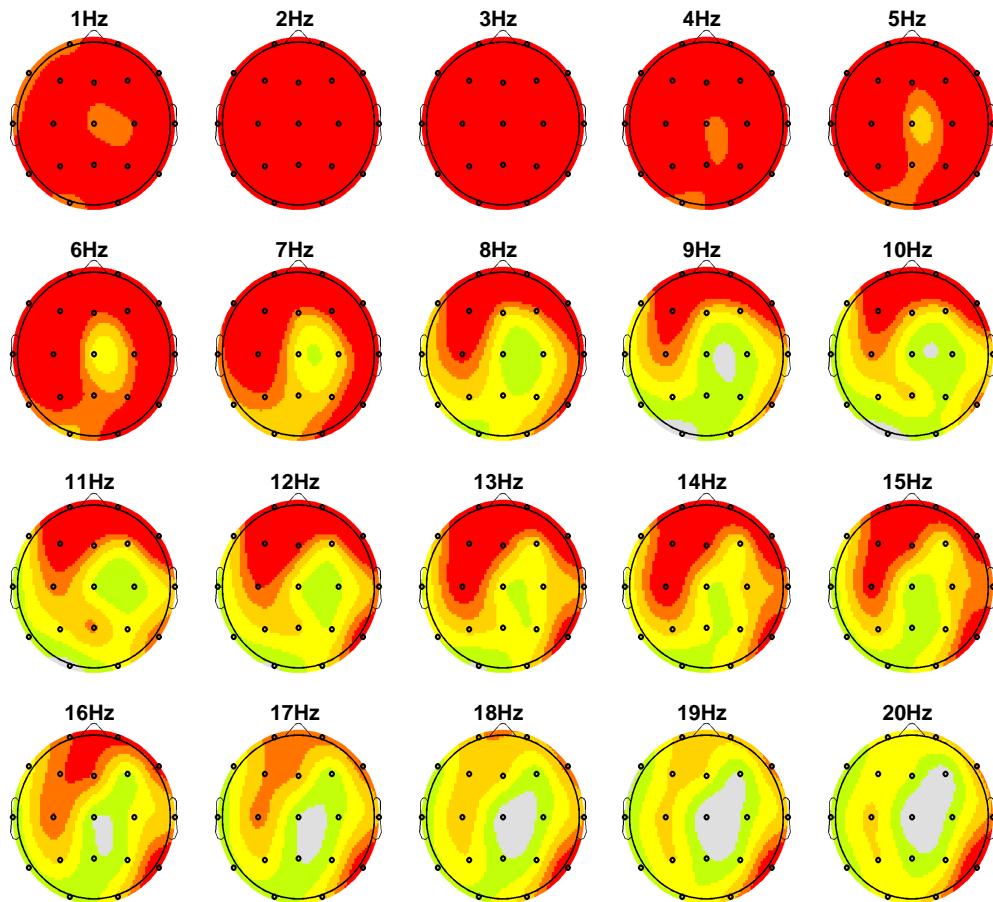
Color Legend ( $\mu\text{V}^2$  squared)



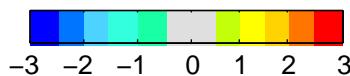
(adaptive)

EEG ID: 298323  
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## Z-scored FFT Absolute Power

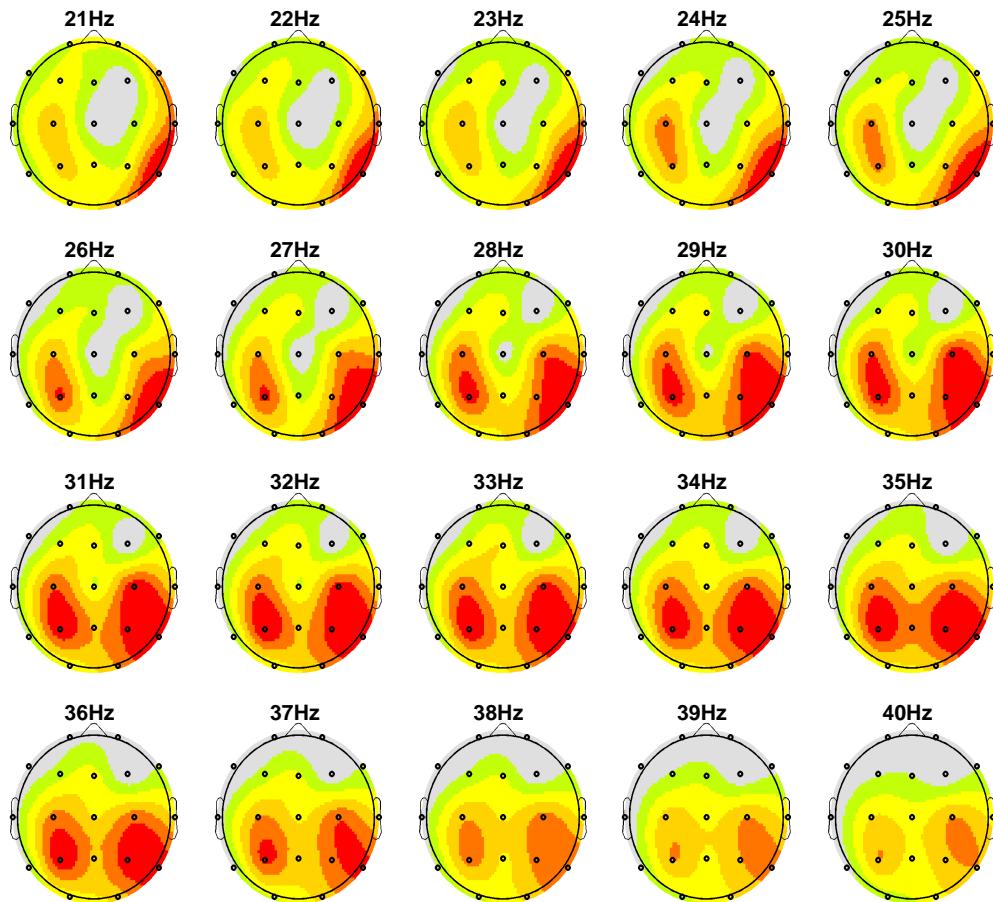


Color Legend (z-scores)

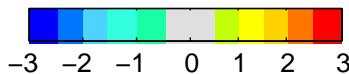


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## Z-scored FFT Absolute Power

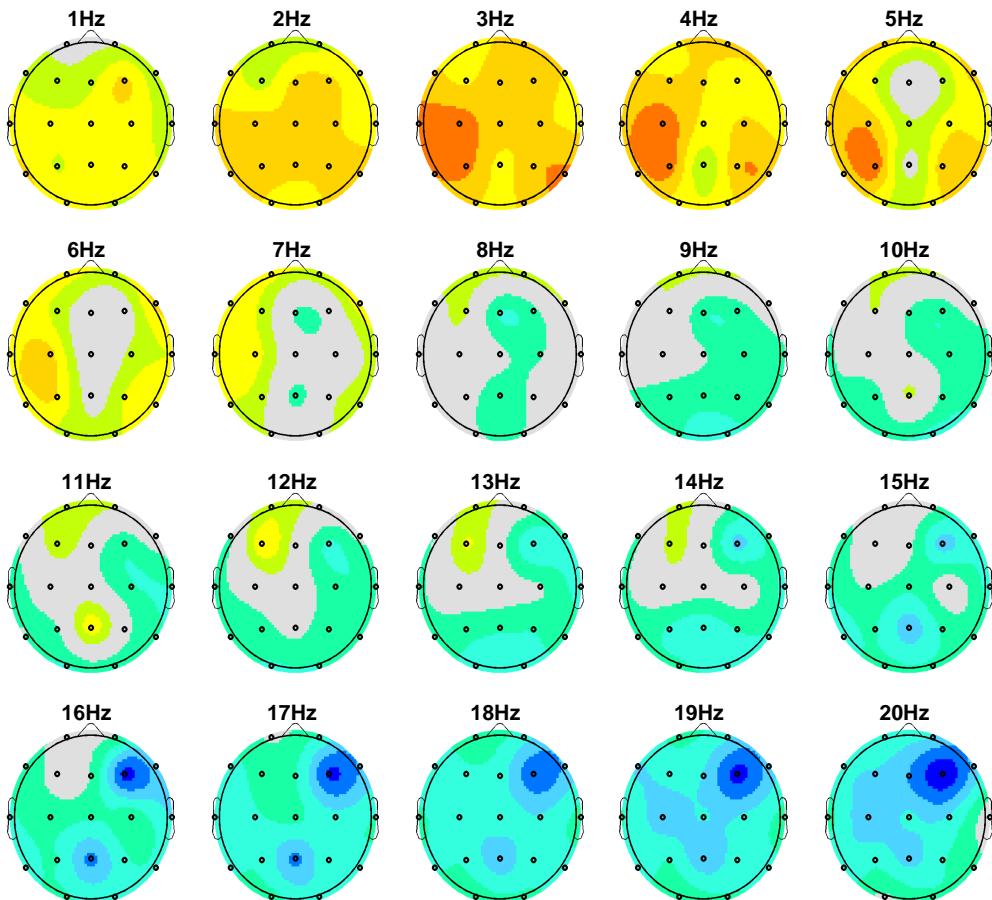


Color Legend (z-scores)

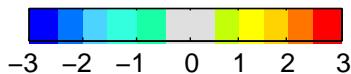


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## Z-scored FFT Relative Power

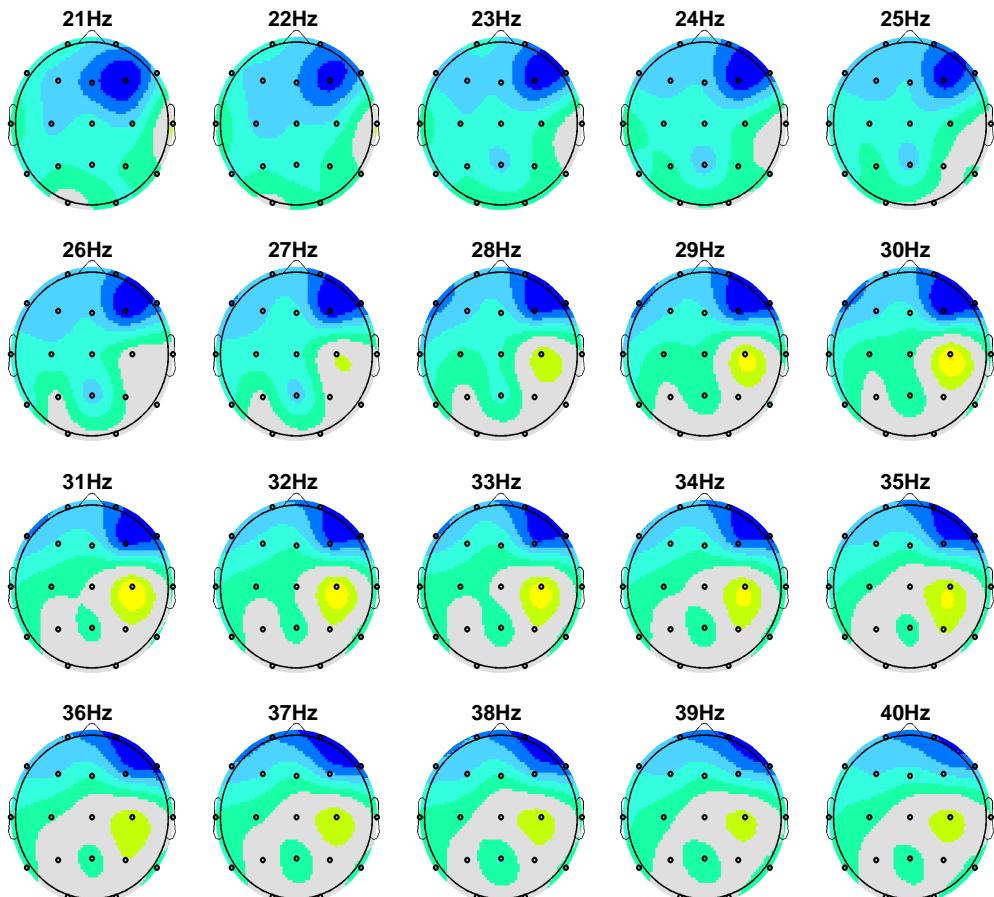


Color Legend (z-scores)

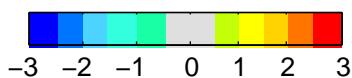


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## Z-scored FFT Relative Power

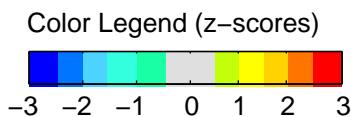
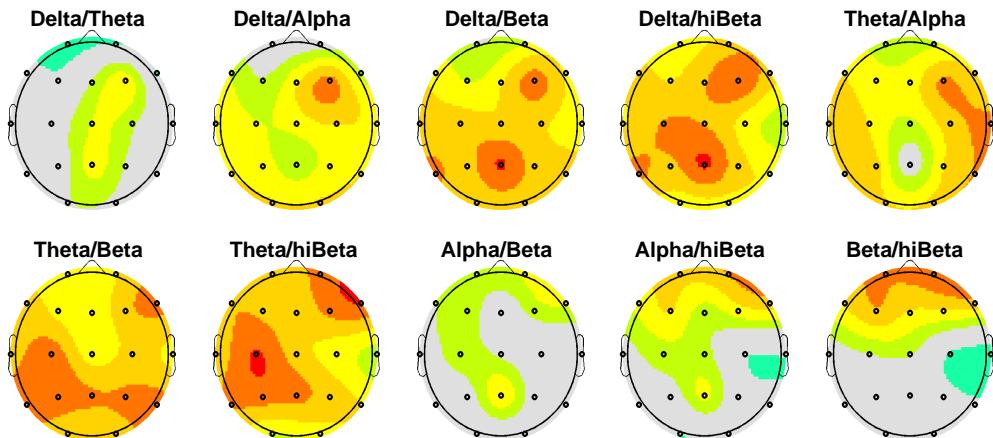


Color Legend (z-scores)



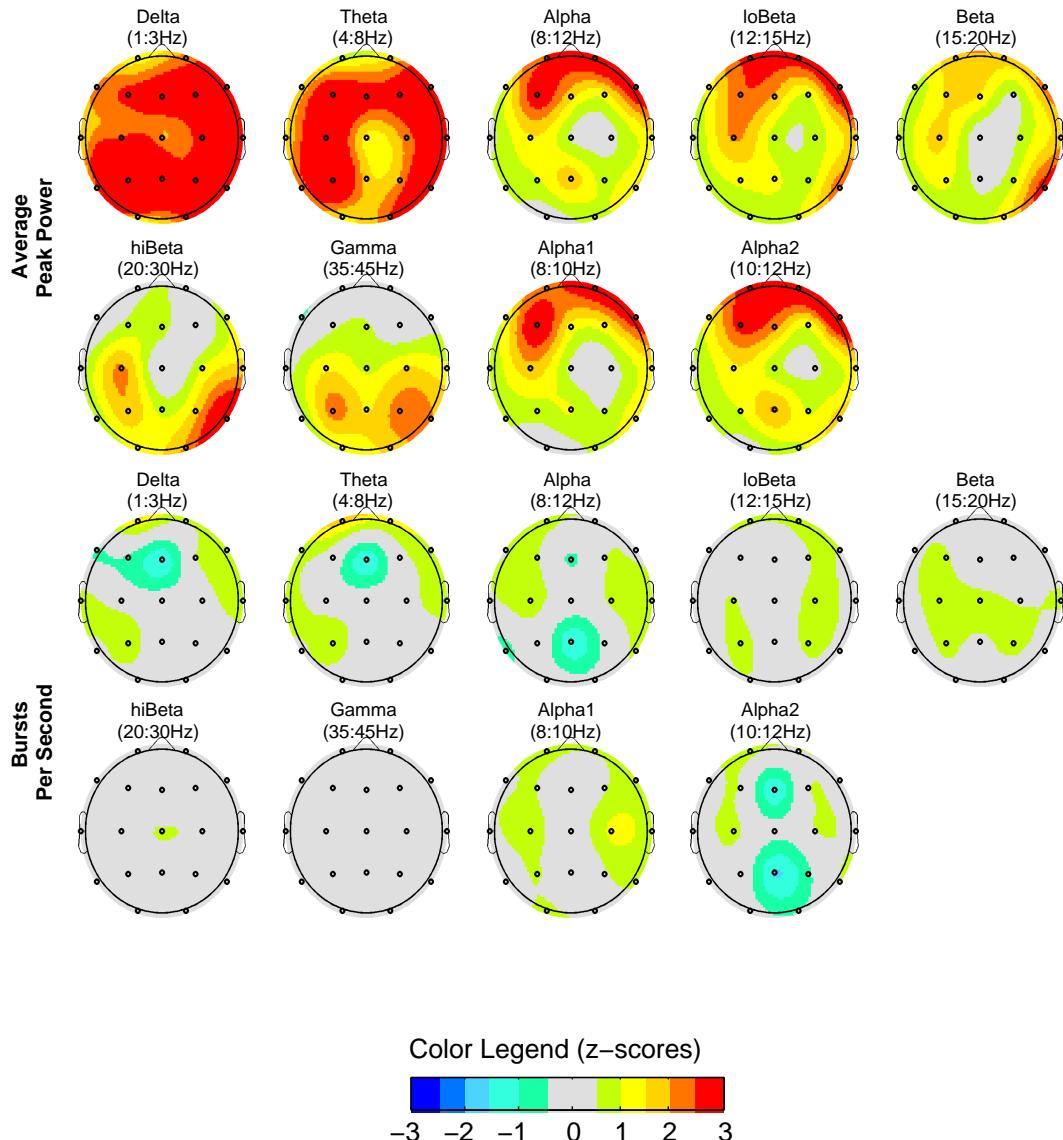
EEG ID: 298323  
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## Z-scored Power Ratio



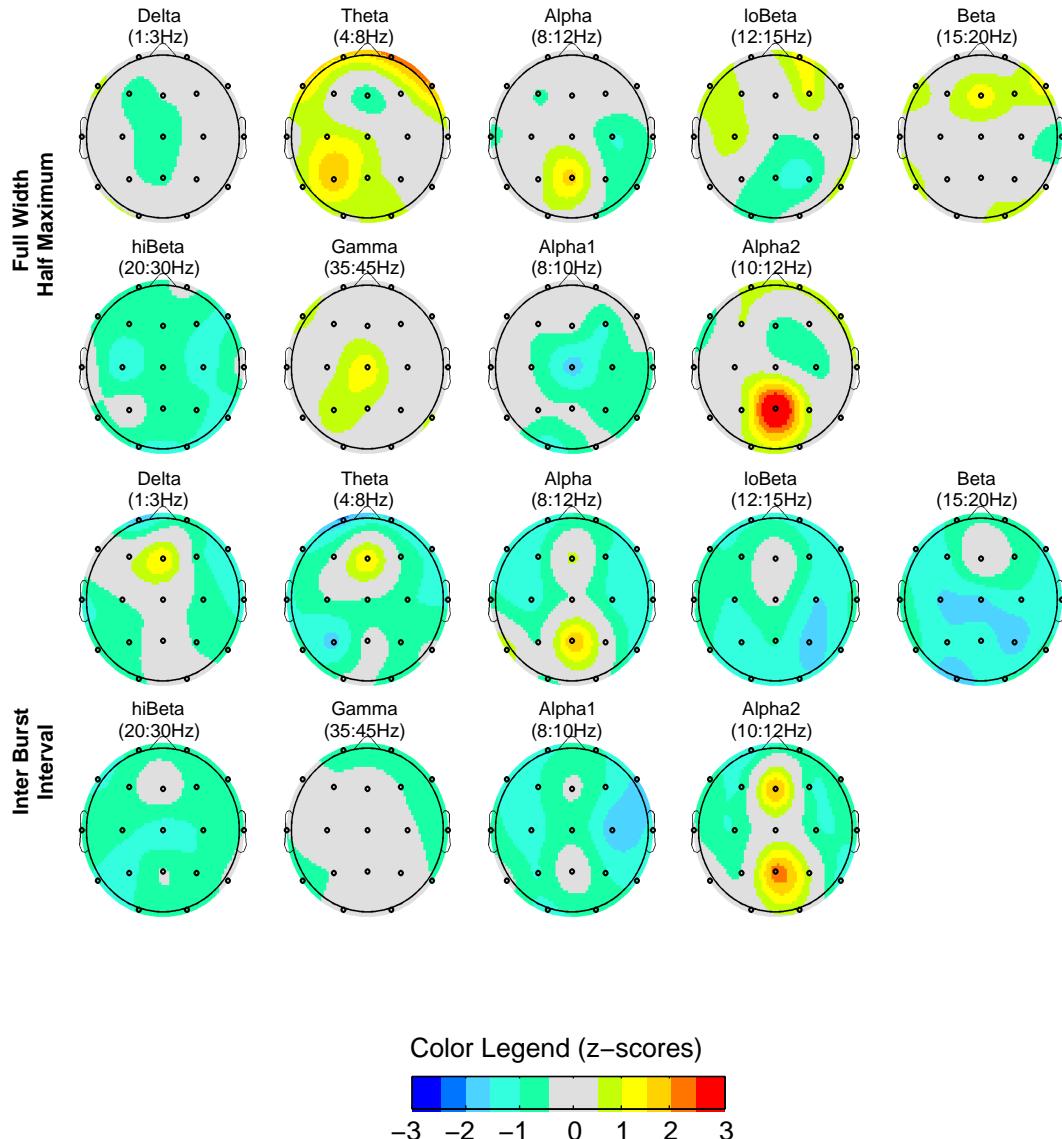
EEG ID: 298323  
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## Z-scored Burst Metrics



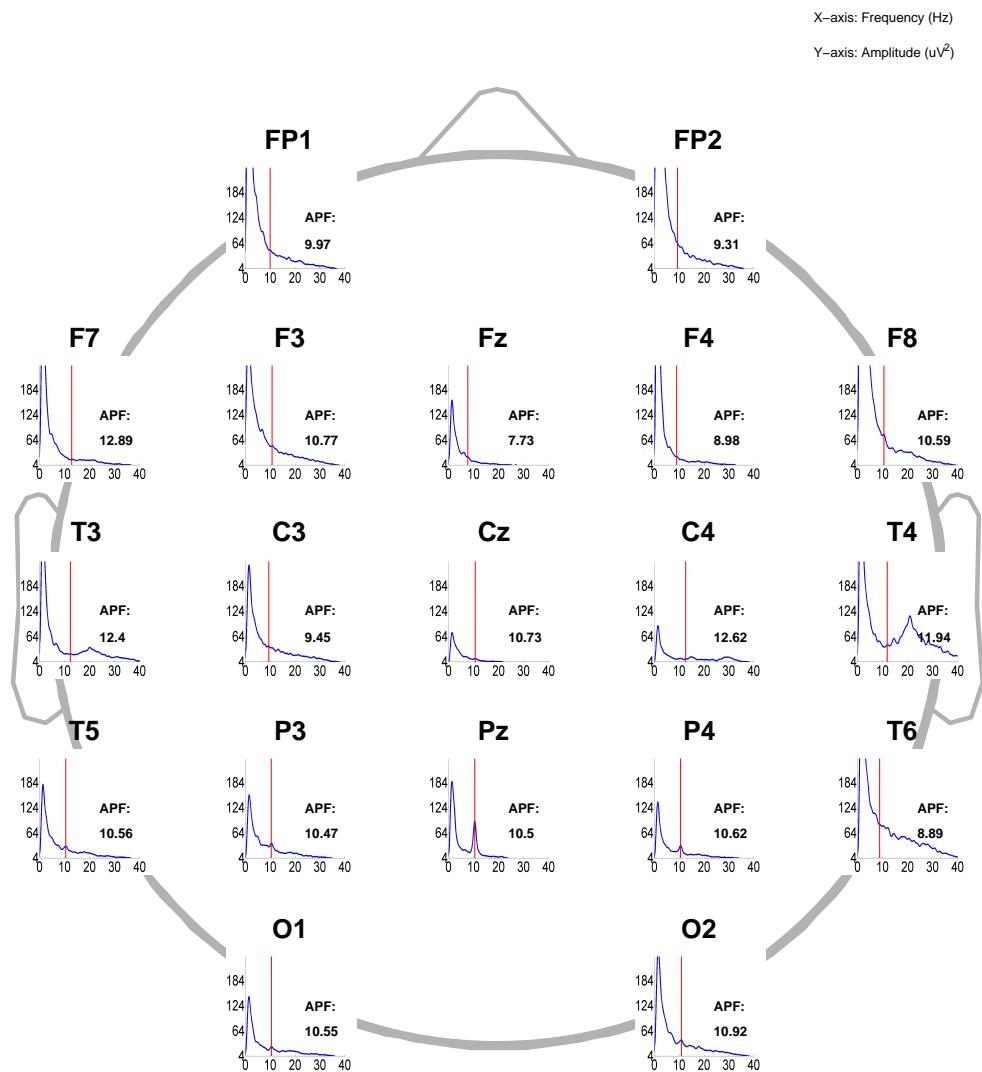
EEG ID: 298323  
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## Z-scored Burst Metrics



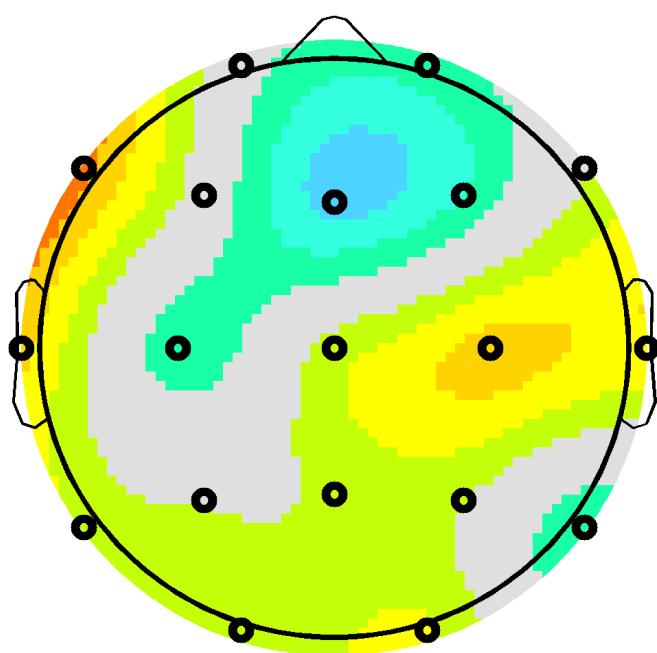
EEG ID: 298323  
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## FFT power distribution and Alpha Peak

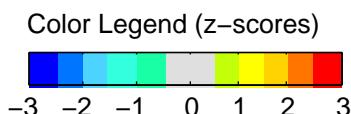


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## Z-scored Alpha Peak

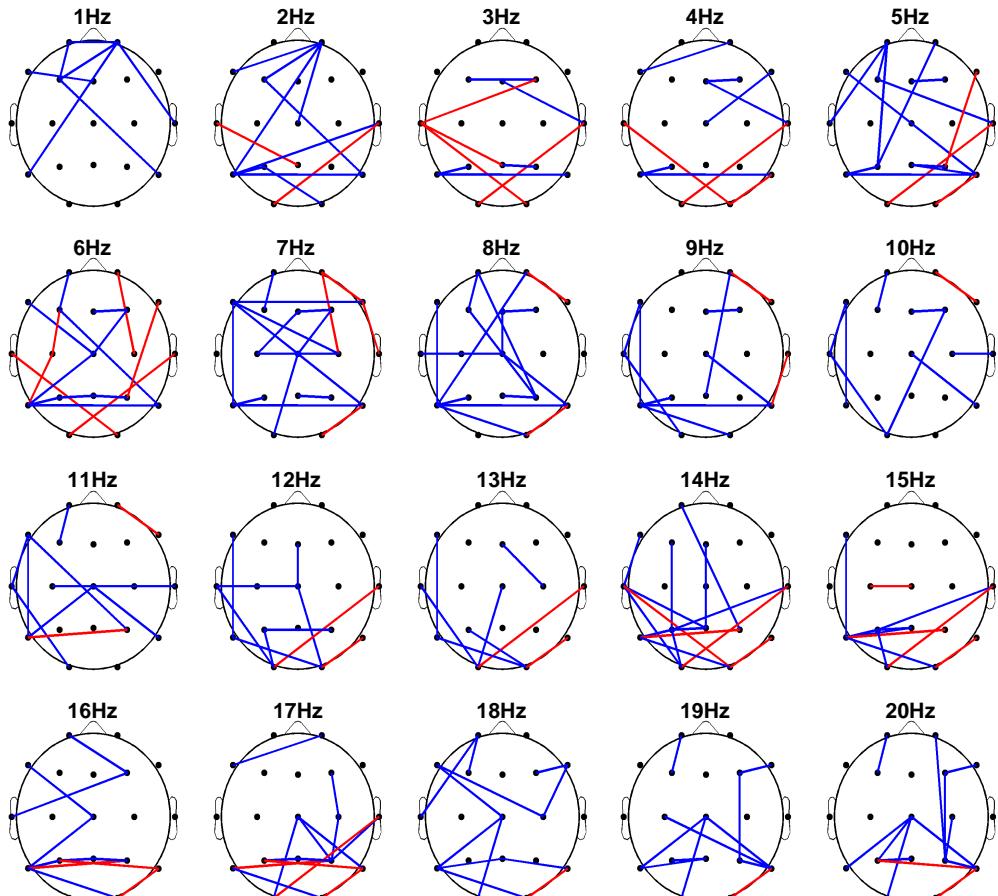


Ch	APF	Z-APF
FP1	10.0	0.0
FP2	9.3	-0.6
F7	12.9	2.1
F3	10.8	0.2
Fz	7.7	-1.7
F4	9.0	-0.9
F8	10.6	0.5
T3	12.4	1.7
C3	9.5	-0.7
Cz	10.7	0.8
C4	12.6	1.7
T4	11.9	1.4
T5	10.6	0.9
P3	10.5	0.5
Pz	10.5	0.6
P4	10.6	0.6
T6	8.9	-0.8
O1	10.6	0.6
O2	10.9	1.1

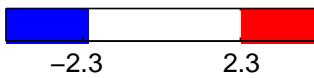


EEG ID: 298323  
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## Z-scored Phase Coherence

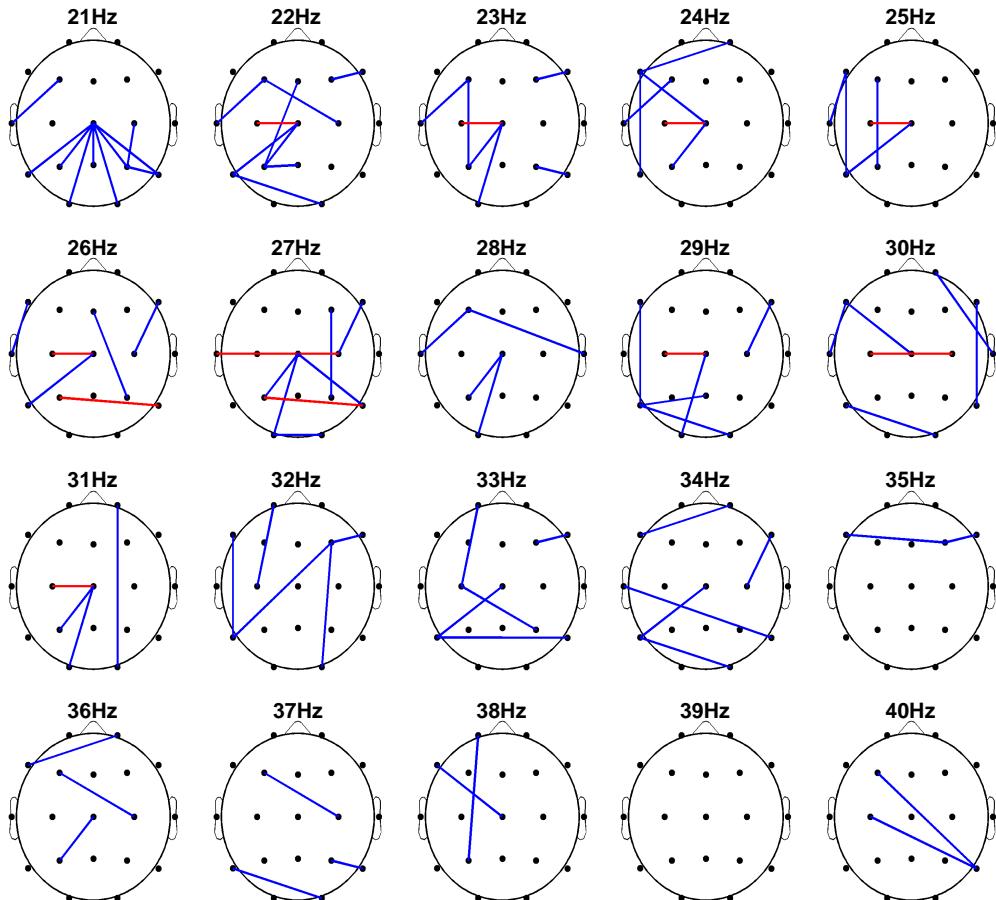


Color Legend (z-scores)

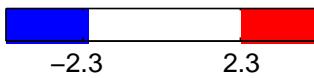


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## Z-scored Phase Coherence

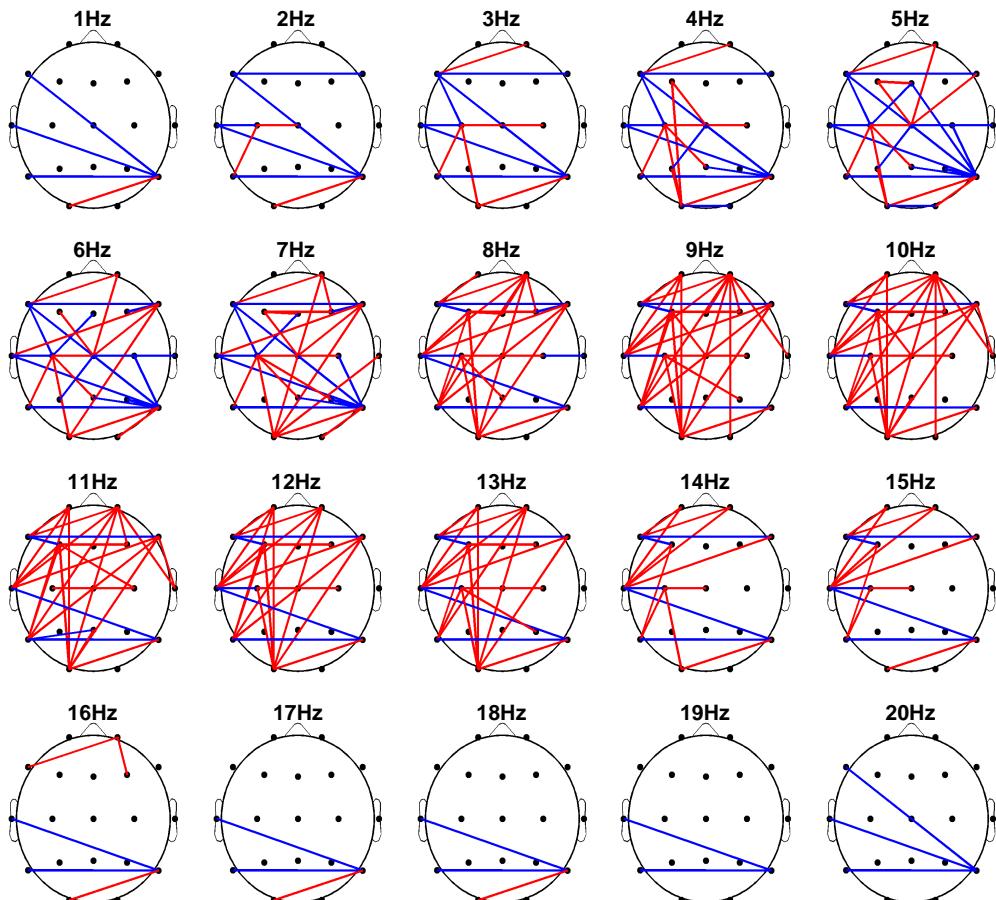


Color Legend (z-scores)

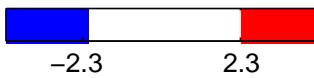


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## Z-scored Amplitude Asymmetry

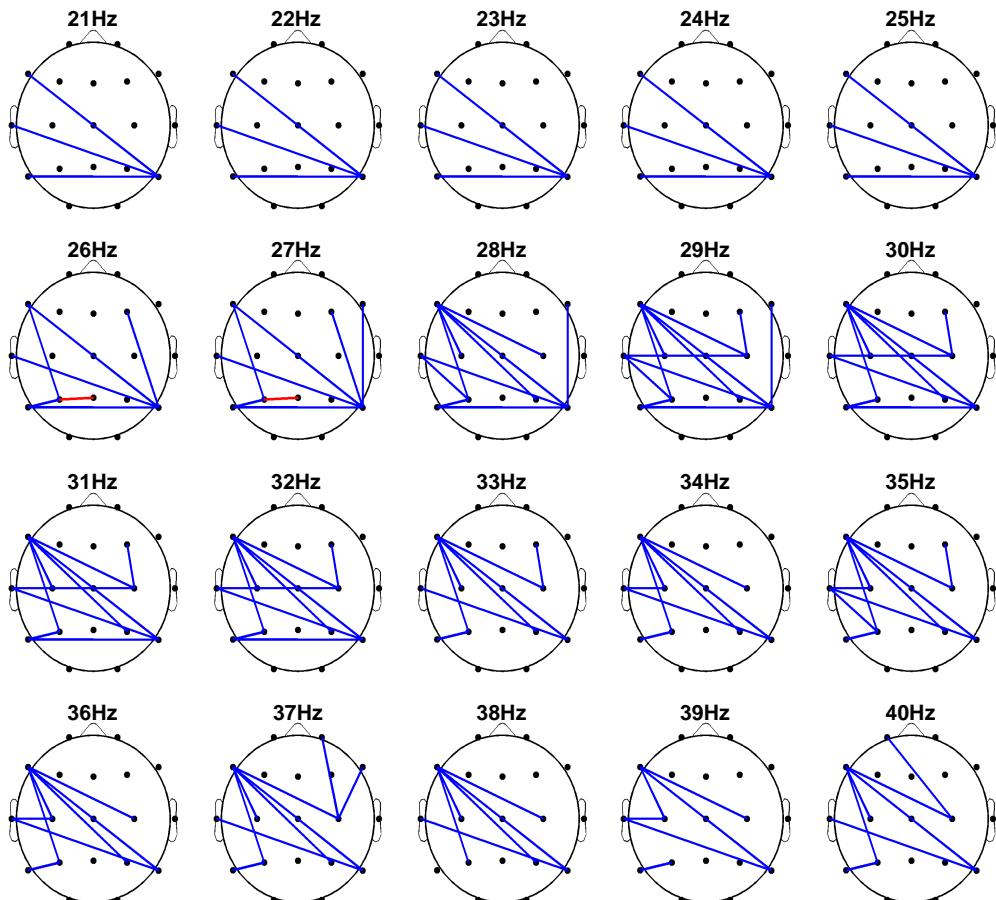


Color Legend (z-scores)

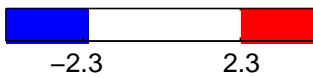


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## Z-scored Amplitude Asymmetry

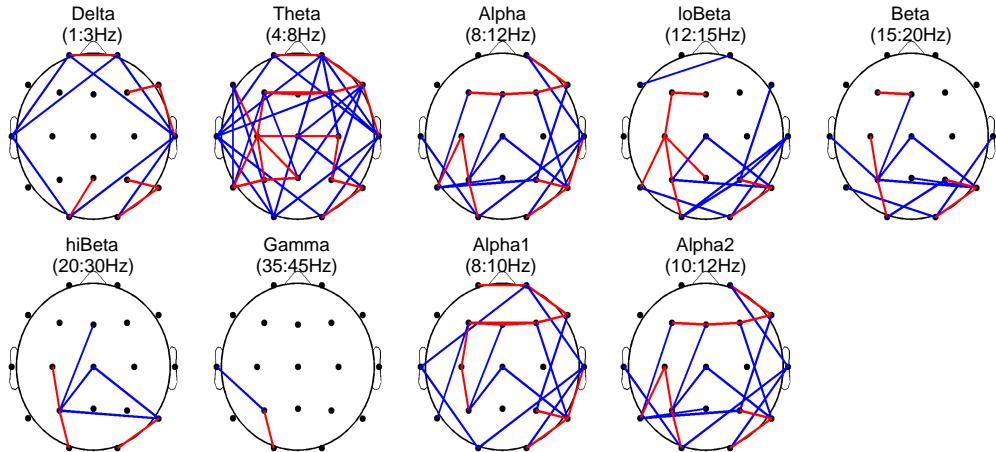


Color Legend (z-scores)

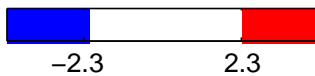


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## Z-scored Phase Lag

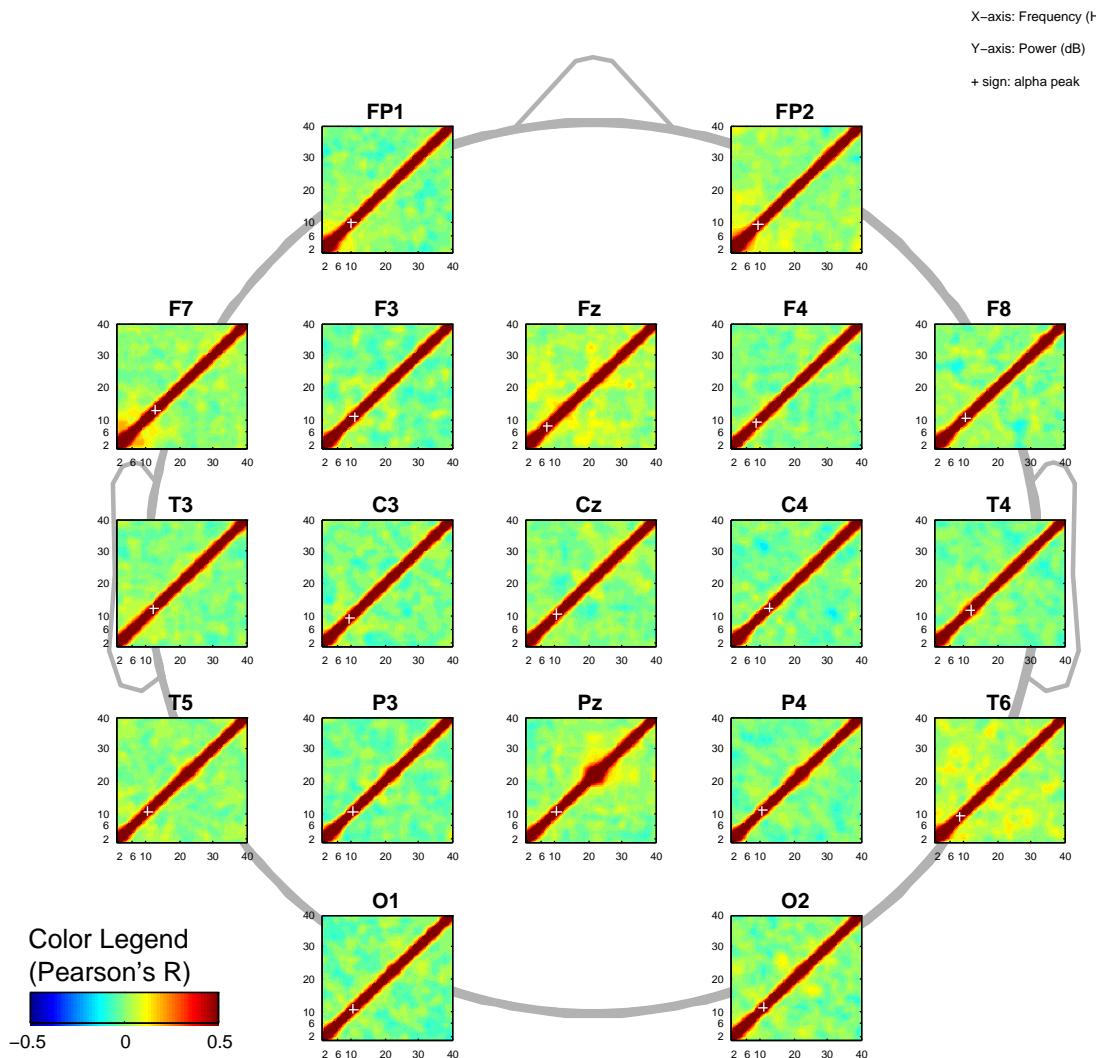


Color Legend (z-scores)



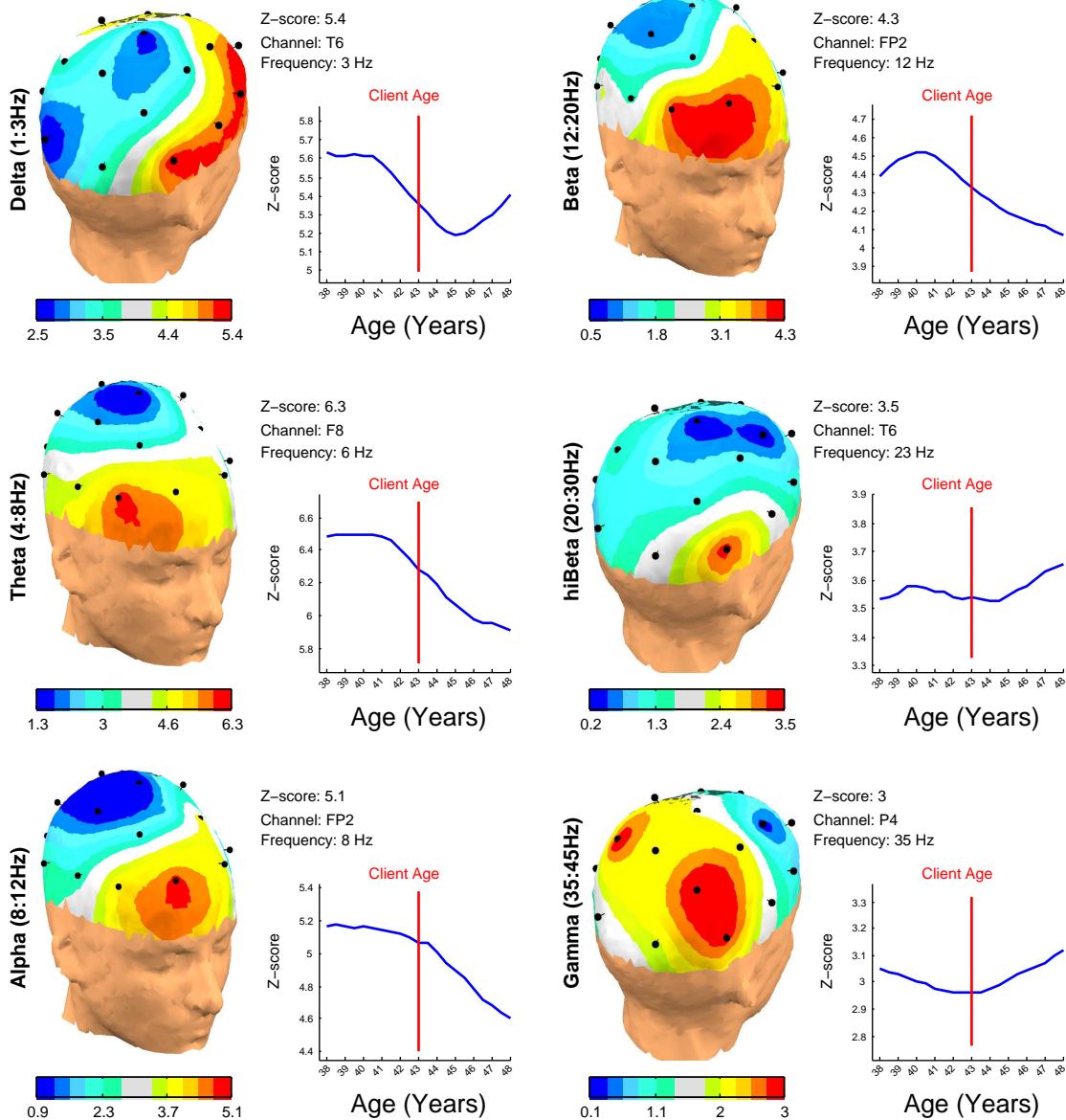
EEG ID: 298323  
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Eyes Open

## Comodulation



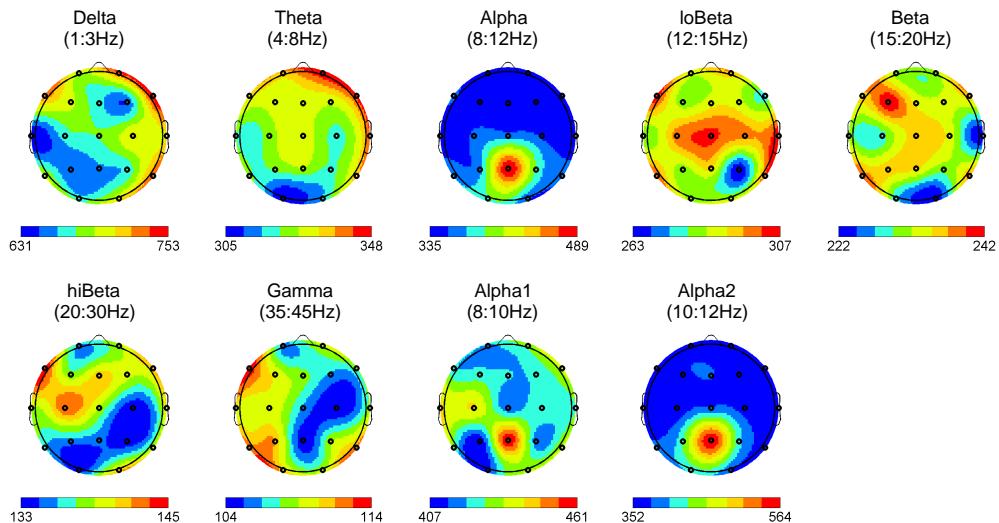
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## Extreme z-score development



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## Fluctuation Time



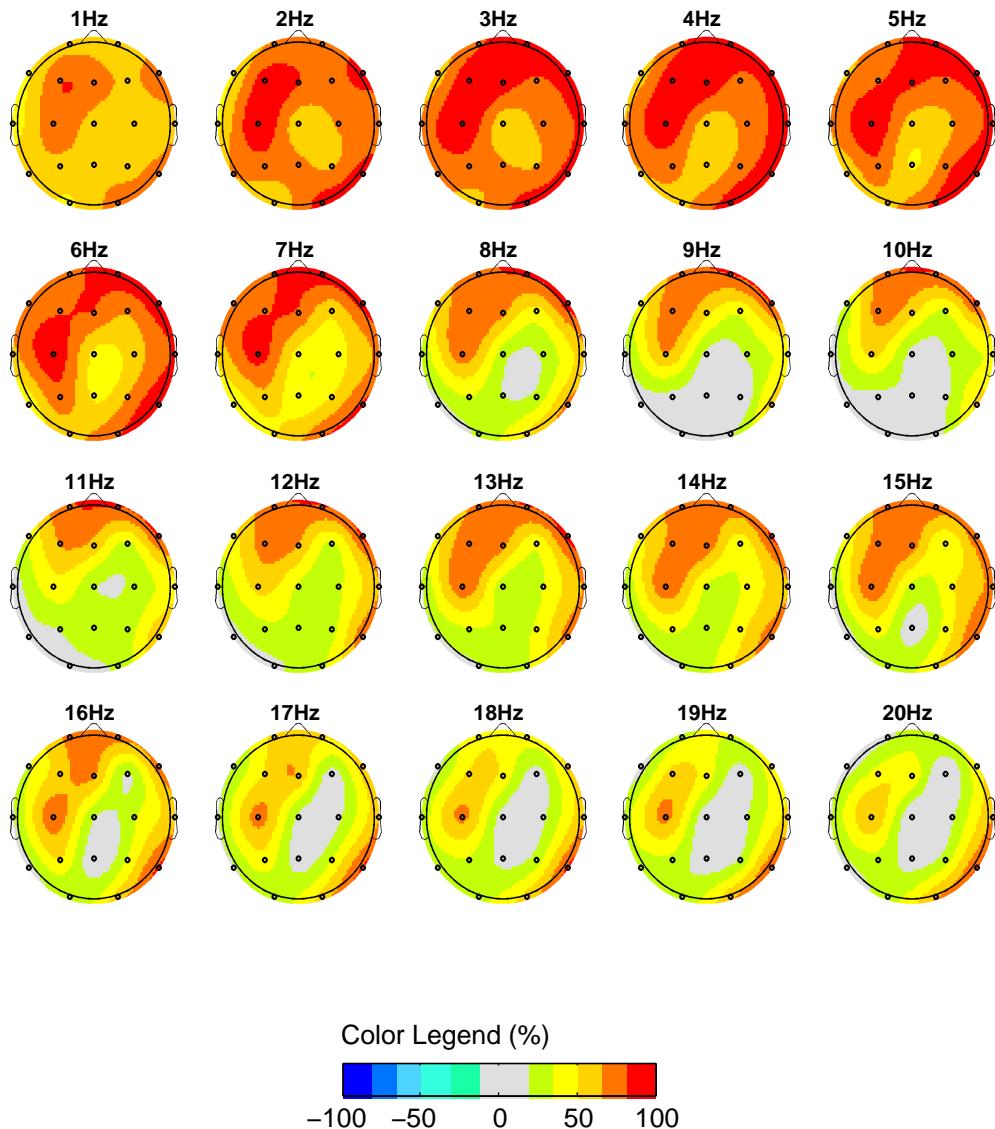
Fluctuation Time (Ms)



(adaptive)

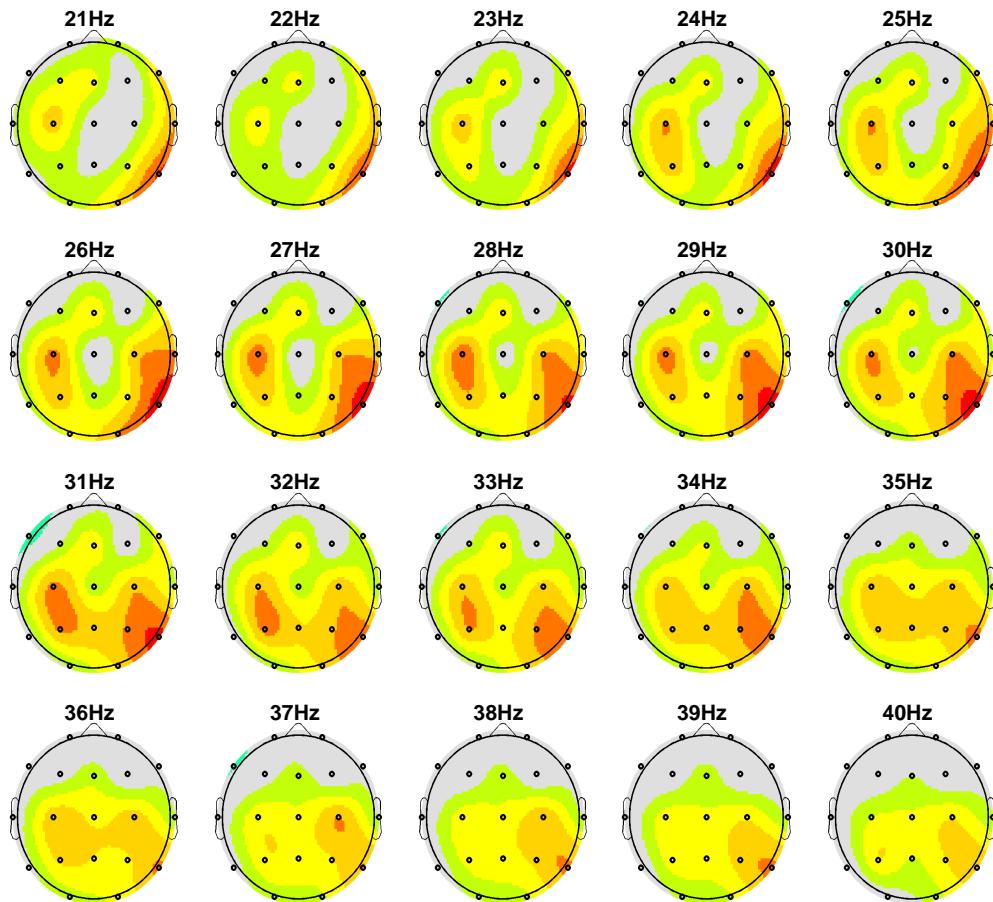
EEG ID: 298323  
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Eyes Open

## Percentage Deviant Activity

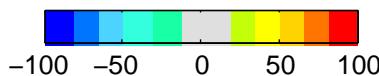


EEG ID: 298323  
Test Date: 2022-08-08  
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Montage: Laplacian  
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## Percentage Deviant Activity



Color Legend (%)



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 Montage: Laplacian  
 Eyes Open

## 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	2289.3	2.6	718.8	4.7	297.5	4.1	170.1	2.2	181.2	0.7
FP2	3479.5	3.8	997.3	6.1	408.2	4.9	194.1	2.3	193.4	0.9
F7	894.1	2.5	326.9	3.5	135.3	1.6	95.6	1.1	124.5	0.2
F3	1005.8	3.6	580.9	5.1	301.9	3.5	193.7	2.1	220.8	1.1
Fz	470.4	3.3	205.8	3.3	84.2	2.0	45.1	2.0	46.6	1.0
F4	1158.5	4.0	293.1	4.4	115.3	2.0	73.5	0.9	90.8	0.2
F8	2817.1	4.1	1117.7	6.3	453.2	4.2	233.6	2.7	282.6	1.4
T3	723.2	2.8	272.9	3.1	143.2	1.0	158.9	0.7	252.9	0.5
C3	584.8	3.9	361.3	4.9	214.7	2.4	143.6	2.2	191.3	2.0
Cz	202.8	2.8	114.3	2.2	61.4	0.9	28.5	0.5	36.9	0.2
C4	224.1	2.9	110.9	3.2	63.5	0.9	72.8	1.2	131.5	1.5
T4	1441.2	4.2	577.8	5.3	285.7	2.1	409.4	2.1	926.4	2.0
T5	402.7	3.3	222.8	3.0	144.4	0.9	94.9	0.9	101.4	0.6
P3	436.1	3.7	248.2	3.7	169.9	1.4	103.6	1.6	109.1	1.9
Pz	390.2	3.5	140.6	2.7	211.7	1.5	48.6	0.7	47.8	0.9
P4	321.0	3.1	150.1	3.1	126.6	1.1	73.7	1.2	81.3	1.5
T6	1672.8	5.0	952.8	5.4	551.3	2.5	408.8	3.4	560.3	3.6
O1	356.6	2.6	178.3	2.4	116.4	0.6	91.2	0.9	110.6	1.3
O2	777.4	3.6	427.5	3.4	233.1	1.3	166.4	1.8	190.9	2.0

Font

Color Legend (z-scores)



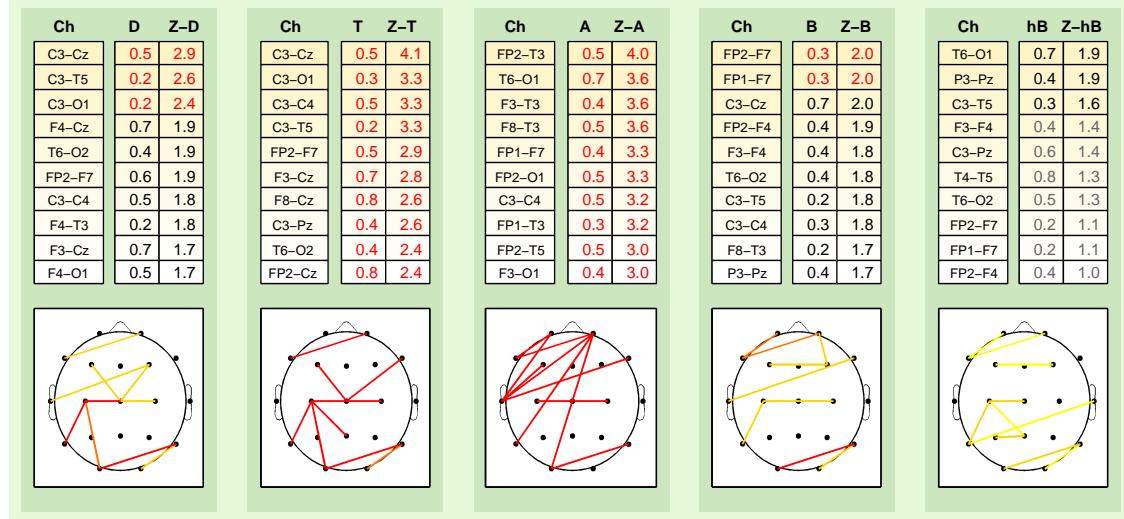
Relative Power (%)

Ch	Delta	Z-Delta	Theta	Z-Theta	Alpha	Z-Alpha	Beta	Z-Beta	hiBeta	Z-hiBeta
FP1	42.6	0.7	13.4	1.8	5.5	0.9	3.2	-0.3	3.4	-1.5
FP2	44.7	0.9	12.8	1.7	5.2	0.7	2.5	-0.9	2.5	-2.1
F7	37.7	1.3	13.8	1.8	5.7	0.1	4.0	-1.0	5.3	-1.7
F3	28.9	1.1	16.7	1.5	8.7	0.7	5.6	-0.6	6.3	-1.9
Fz	36.8	1.6	16.1	0.9	6.6	-0.7	3.5	-0.9	3.6	-1.8
F4	45.8	1.8	11.6	1.0	4.6	-0.7	2.9	-2.3	3.6	-3.0
F8	38.5	1.1	15.3	2.0	6.2	0.4	3.2	-1.6	3.9	-2.4
T3	29.5	1.7	11.1	1.9	5.8	-0.1	6.5	-0.8	10.3	-1.0
C3	25.1	1.8	15.5	2.6	9.2	0.2	6.2	-1.1	8.2	-1.6
Cz	30.2	1.9	17.0	1.4	9.1	-0.2	4.2	-0.9	5.5	-1.5
C4	22.2	1.6	11.0	1.7	6.3	-0.8	7.2	-0.9	13.0	-0.3
T4	24.7	1.1	9.9	1.5	4.9	-0.4	7.0	-0.6	15.9	0.1
T5	26.9	2.0	14.9	2.2	9.7	-0.4	6.3	-1.1	6.8	-1.3
P3	26.7	1.7	15.2	2.8	10.4	-0.6	6.4	-1.0	6.7	-0.9
Pz	31.2	1.8	11.3	1.1	16.9	0.3	3.9	-2.0	3.8	-1.7
P4	27.8	1.7	13.0	2.4	10.9	-0.5	6.4	-1.0	7.0	-0.7
T6	26.0	1.8	14.8	2.3	8.6	-0.6	6.4	-0.9	8.7	-0.5
O1	27.0	1.6	13.5	1.7	8.8	-0.8	6.9	-0.6	8.4	-0.2
O2	28.2	1.6	15.5	1.6	8.5	-0.9	6.0	-0.9	6.9	-0.5

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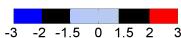
## Tables: Amplitude Asymmetry

Top 10 Z-scores



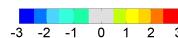
Font

Color Legend (z-scores)

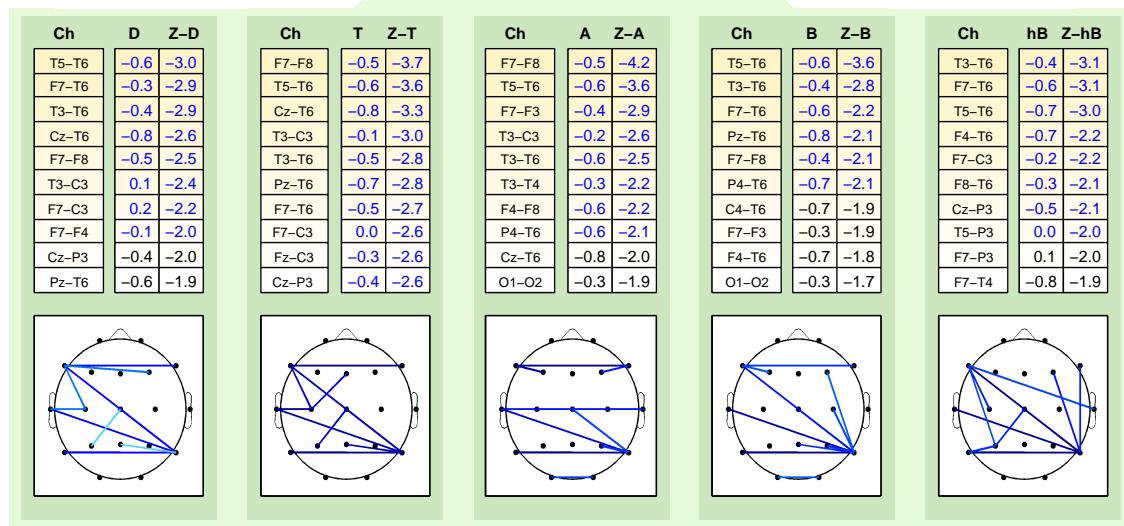


Headplot

Color Legend (z-scores)



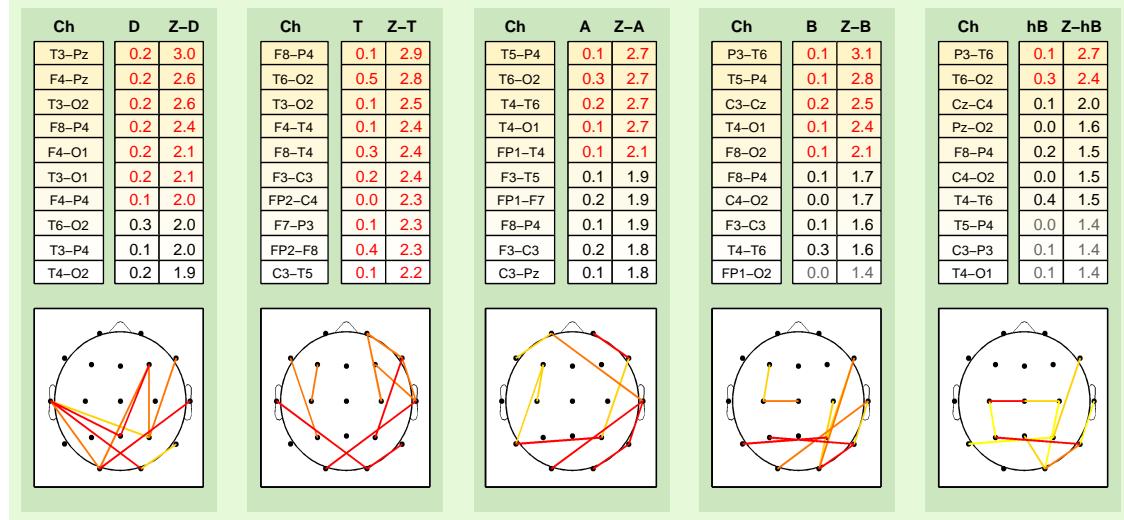
Bottom 10 Z-scores



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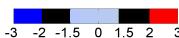
## Tables: Phase Coherence

Top 10 Z-scores



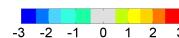
Font

Color Legend (z-scores)

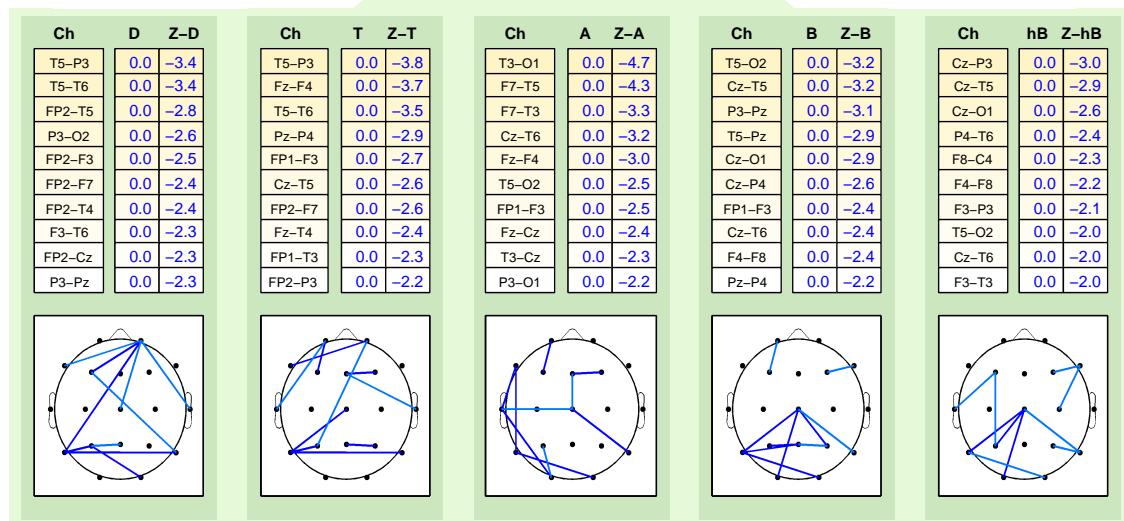


Headplot

Color Legend (z-scores)



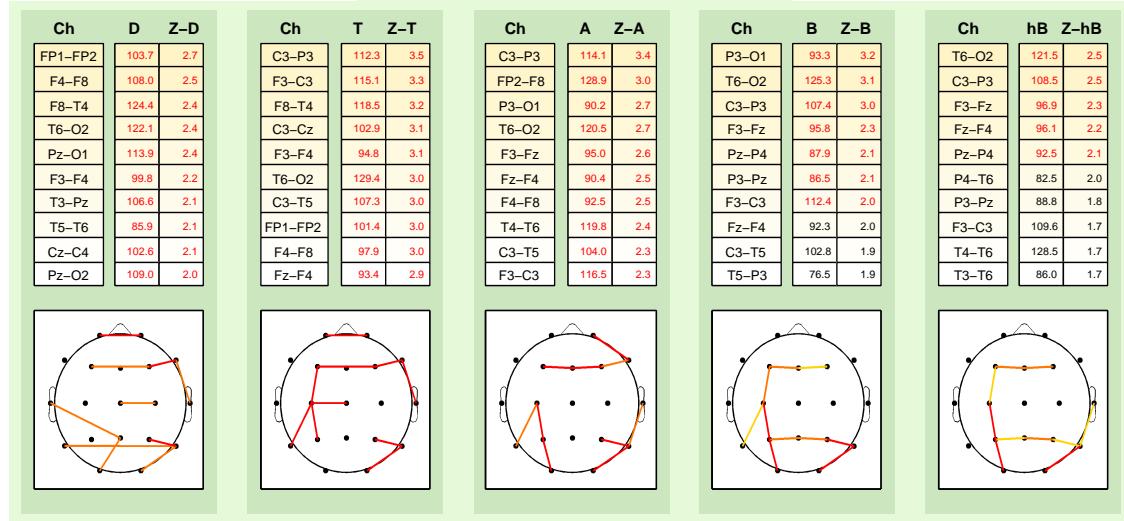
Bottom 10 Z-scores



EEG ID: 298323  
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 Eyes Open

## Tables: Phase Lag

### Top 10 Z-scores



### Font

Color Legend (z-scores)



### Headplot

Color Legend (z-scores)



### Bottom 10 Z-scores

