

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

MONTAGE: Linked Ears

SUBJECT INFORMATION:

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

ARTIFACT REJECTION/CORRECTION RESULTS:

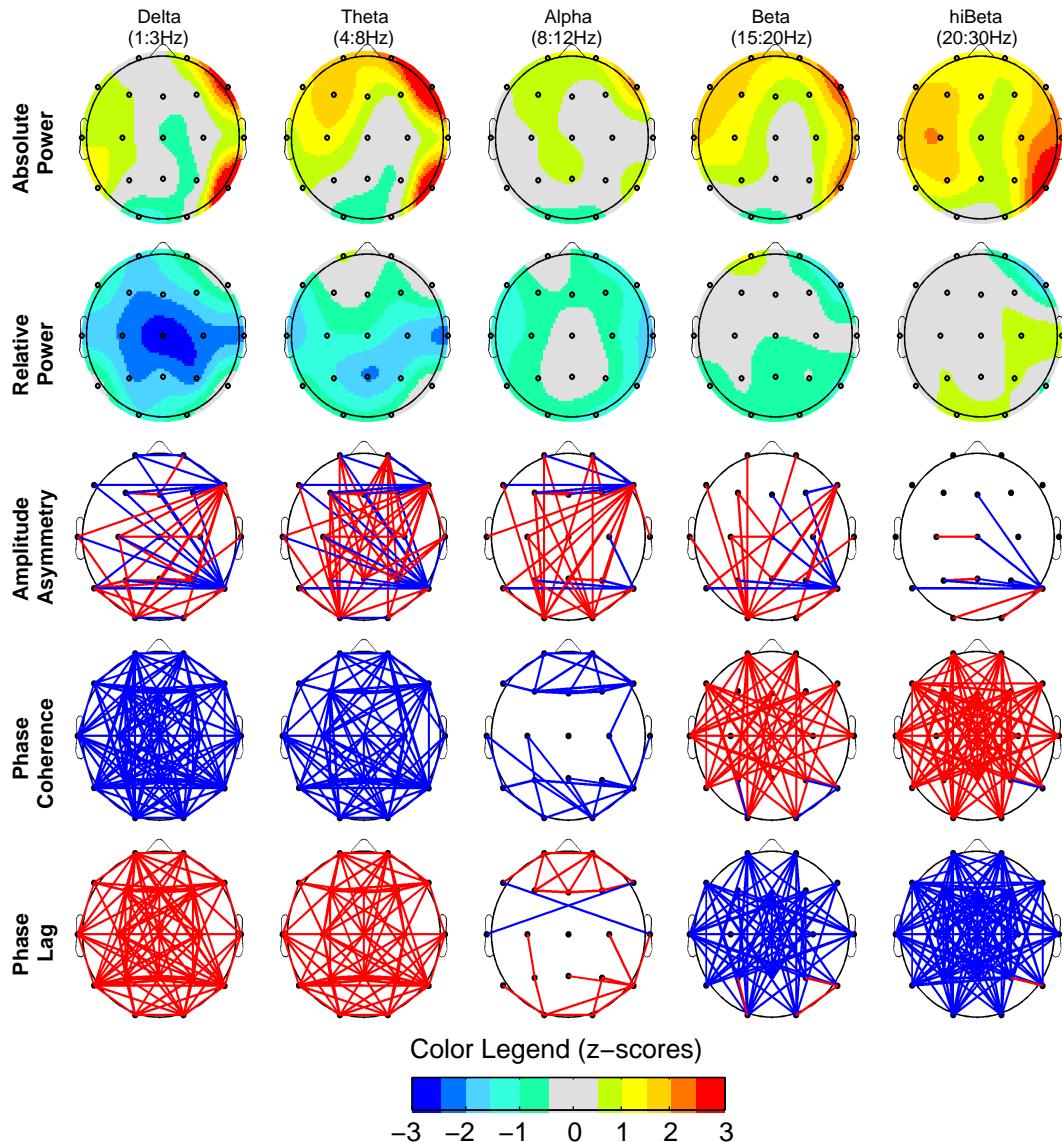
Noisy channels:  
High frequency artifacts will be ignored in these channels.  
Percentage rejected data: 34%  
(High percentages indicate bad data quality)  
Record length: 6:06  
Edit length: 4:02

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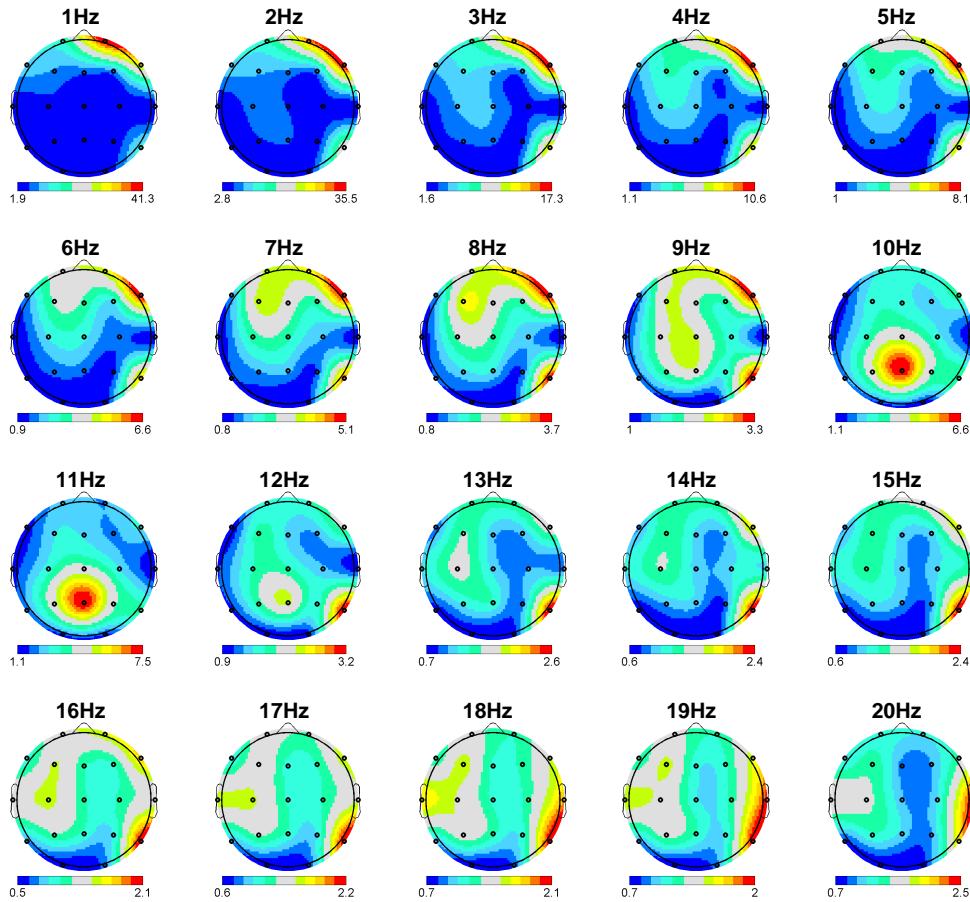
EEG ID: 298323  
Test Date: 2022-08-08  
Age: 43.0  
Gender: Male  
Montage: Linked Ears  
Eyes Open

## Summary of the Z-score analyses

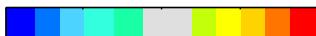


EEG ID: 298323  
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## FFT Absolute Power



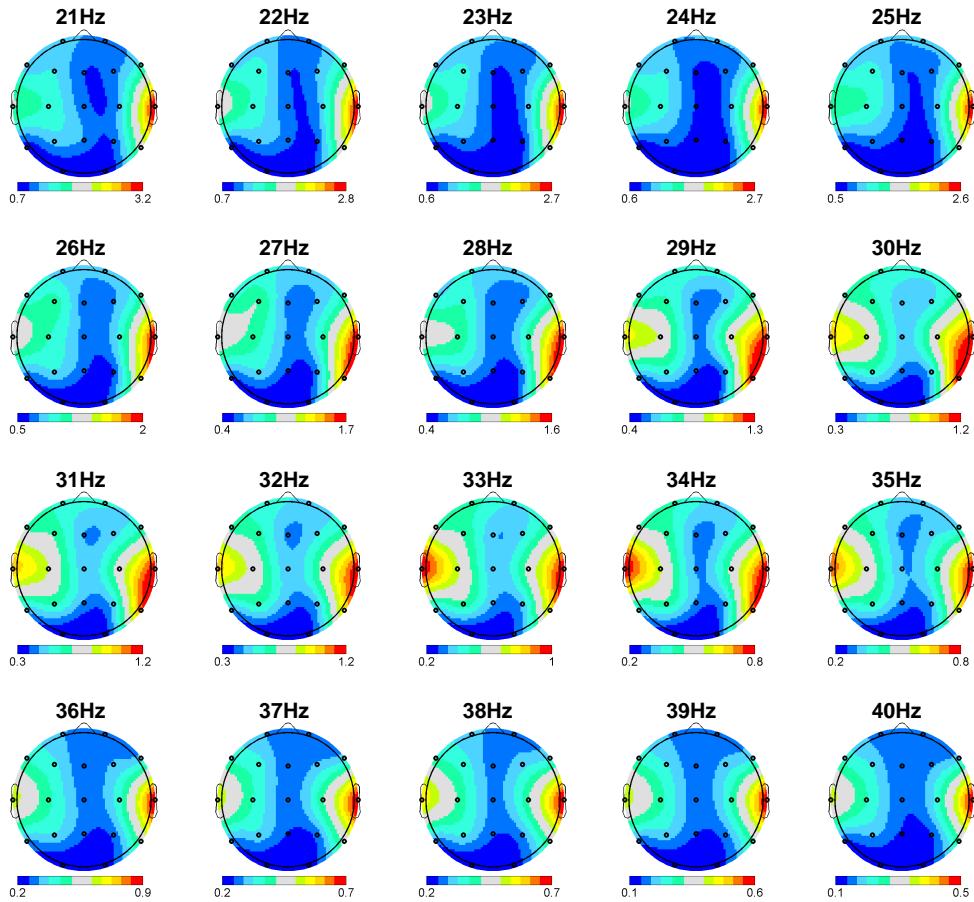
Color Legend ( $\mu\text{V}^2$  squared)



(adaptive)

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

## FFT Absolute Power



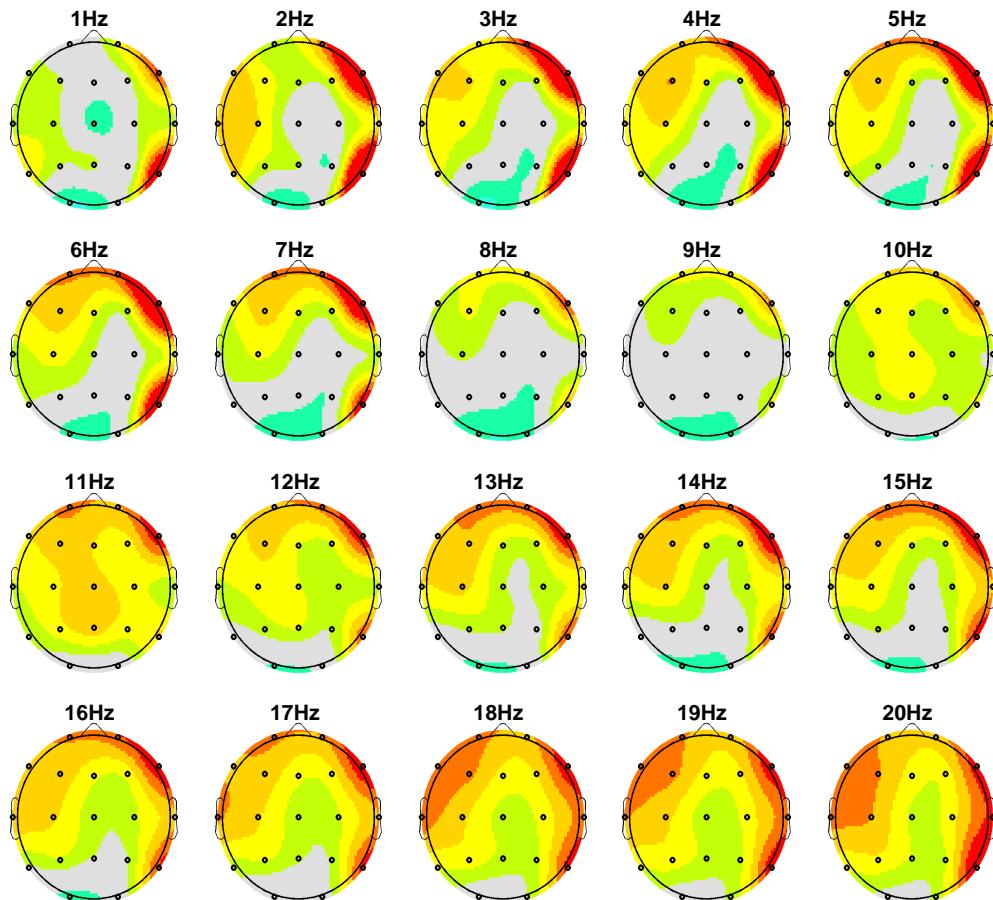
Color Legend ( $\mu\text{V}^2$  squared)



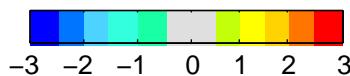
(adaptive)

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

## Z-scored FFT Absolute Power

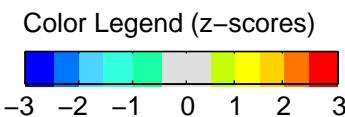
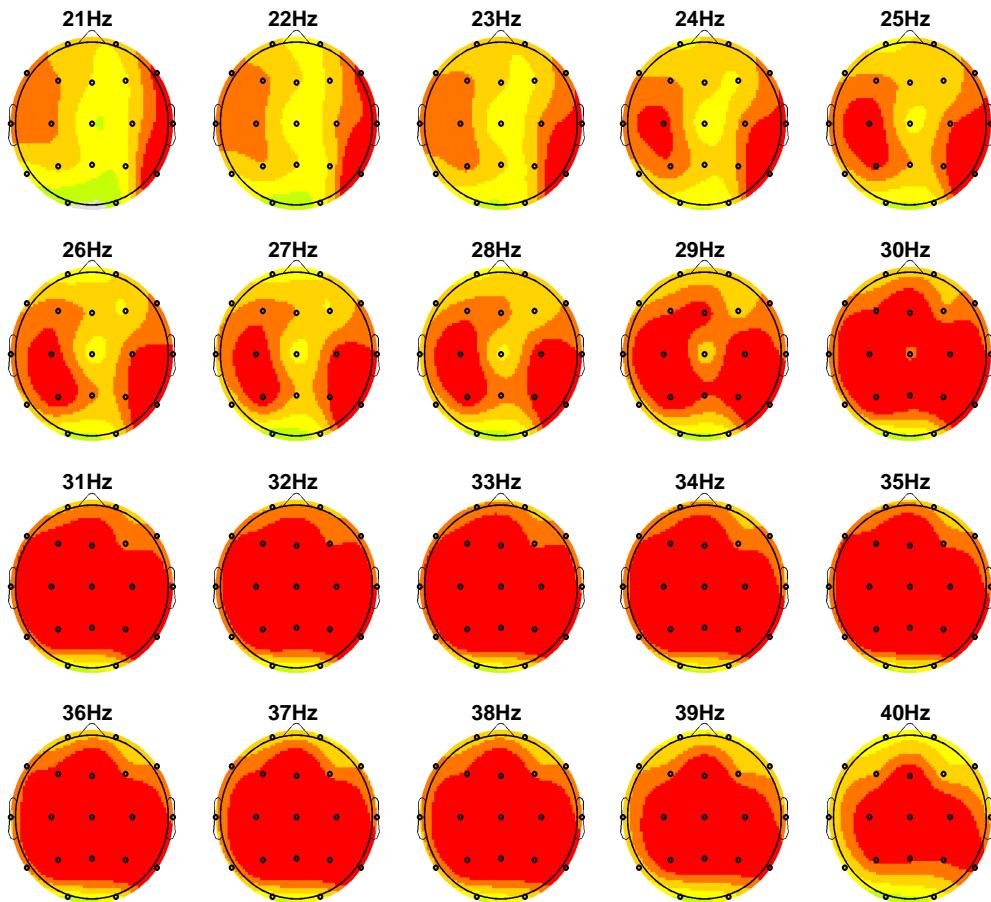


Color Legend (z-scores)



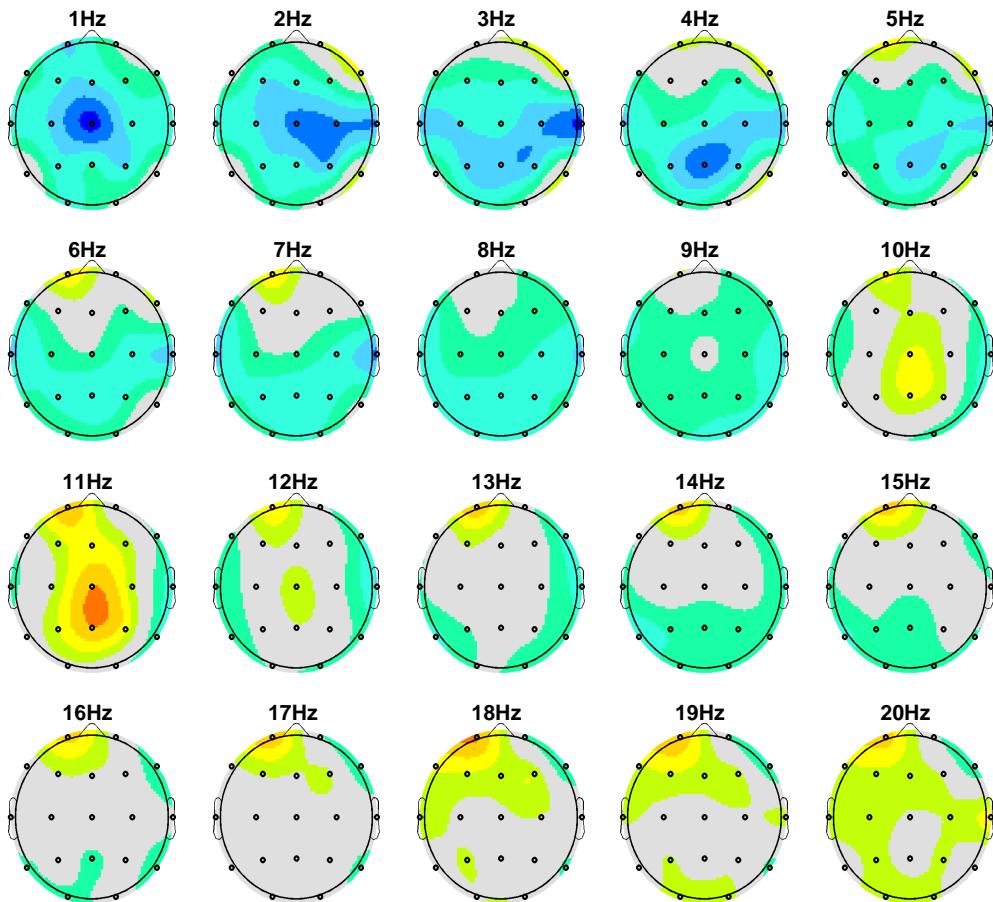
EEG ID: 298323  
Test Date: 2022-08-08  
Age: 43.0  
Gender: Male  
Montage: Linked Ears  
Eyes Open

## Z-scored FFT Absolute Power



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

## Z-scored FFT Relative Power

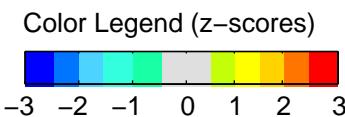
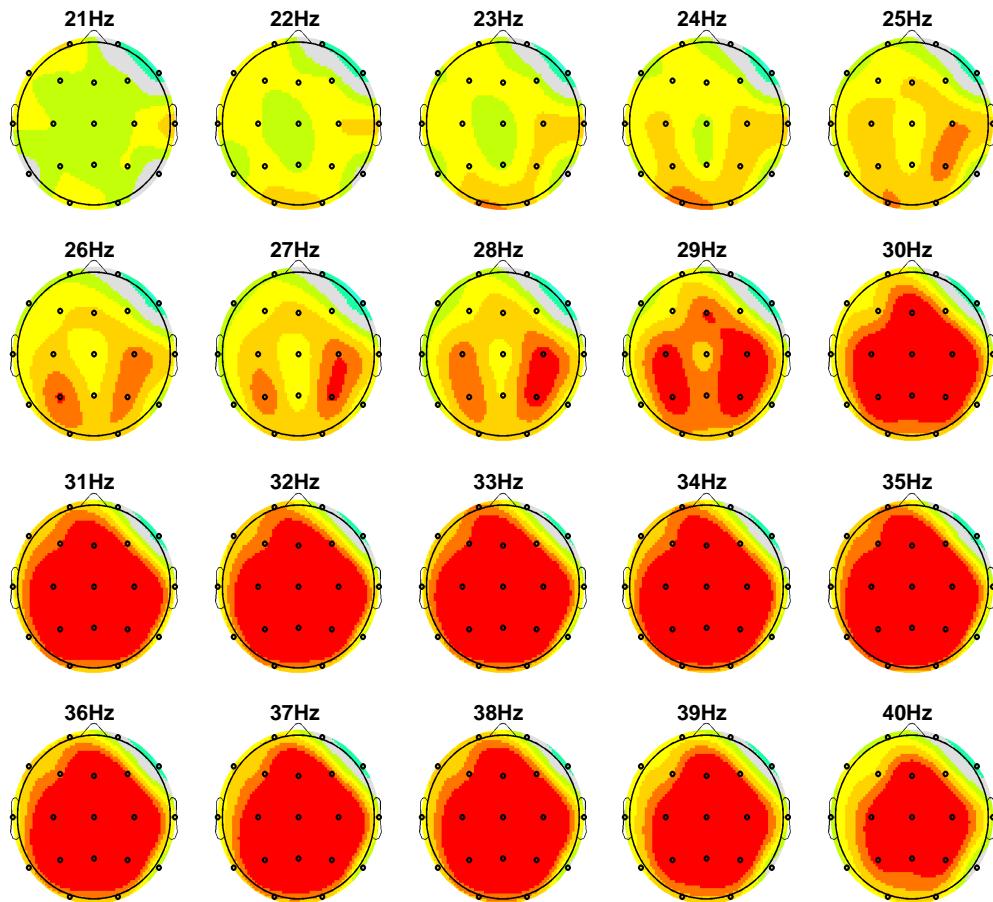


Color Legend (z-scores)



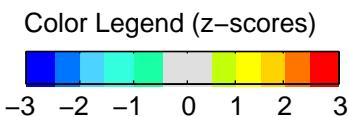
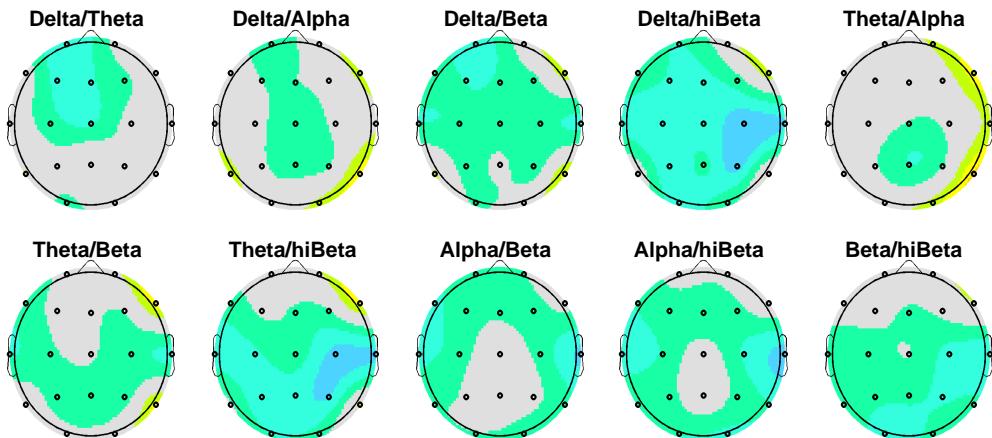
EEG ID: 298323  
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## Z-scored FFT Relative Power



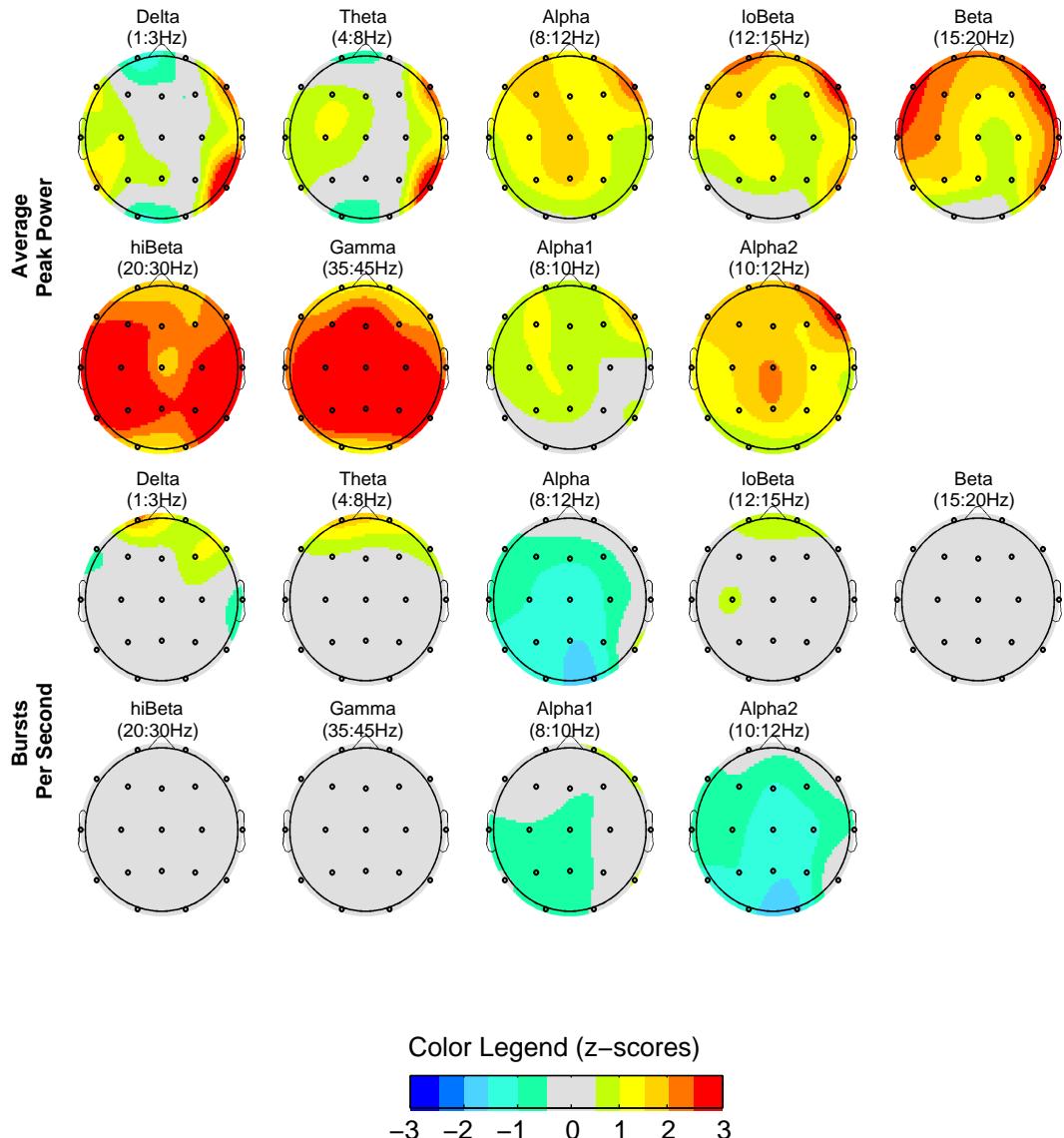
EEG ID: 298323  
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## Z-scored Power Ratio



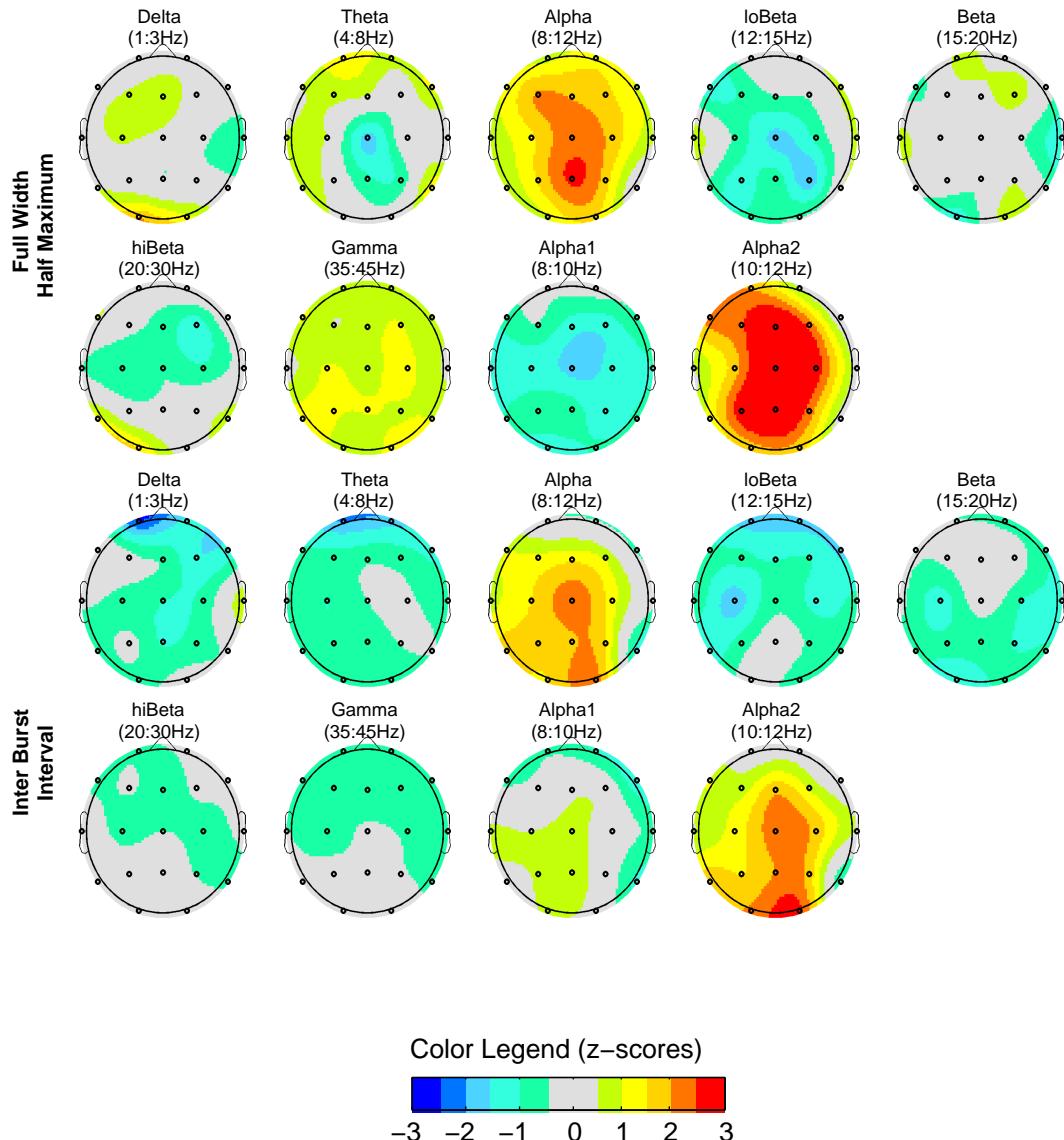
EEG ID: 298323  
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## Z-scored Burst Metrics



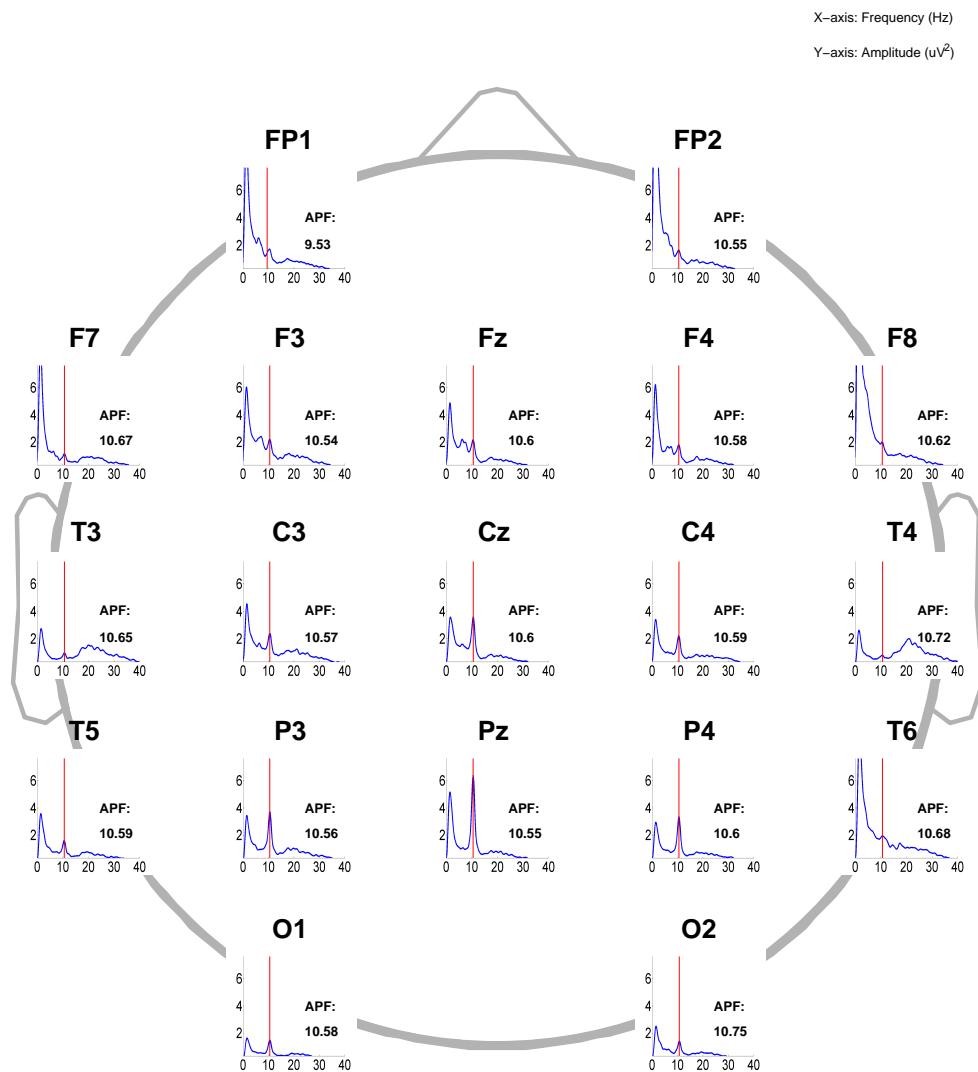
EEG ID: 298323  
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## Z-scored Burst Metrics



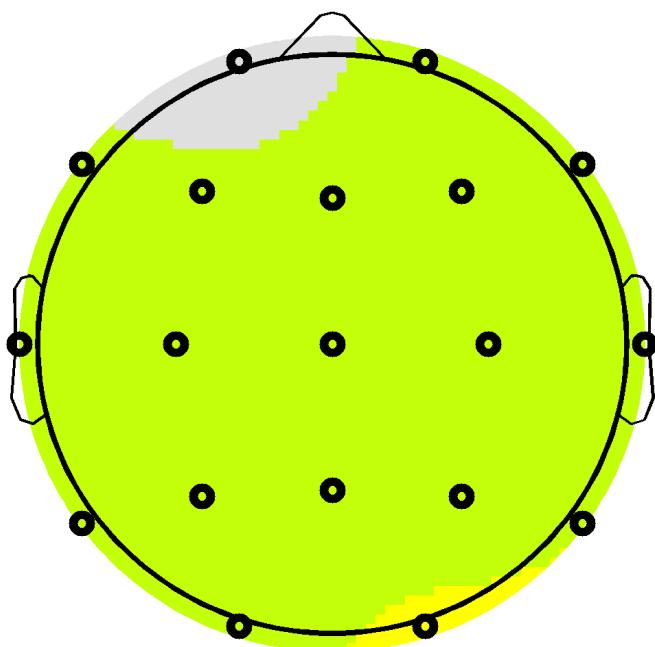
EEG ID: 298323  
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## FFT power distribution and Alpha Peak

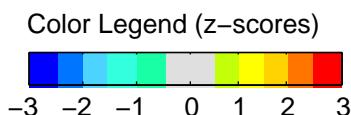


EEG ID: 298323  
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## Z-scored Alpha Peak

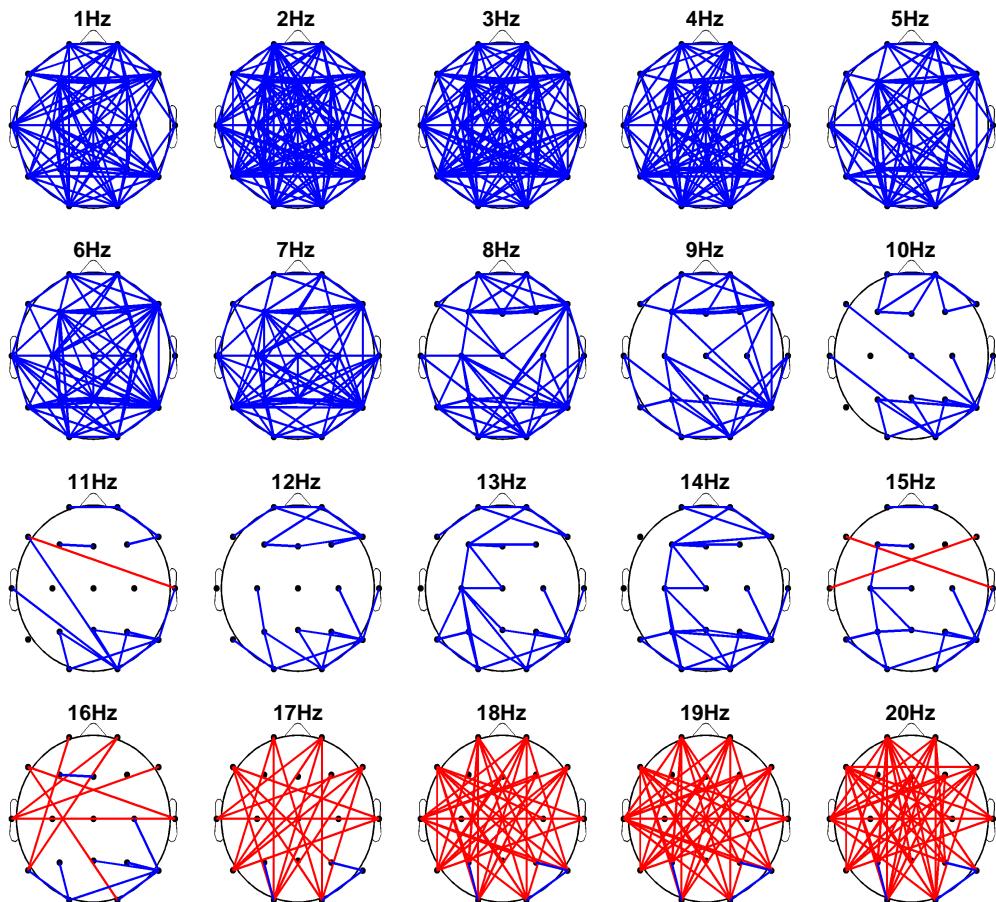


| Ch  | APF  | Z-APF |
|-----|------|-------|
| FP1 | 9.5  | -0.0  |
| FP2 | 10.6 | 0.9   |
| F7  | 10.7 | 0.8   |
| F3  | 10.5 | 0.8   |
| Fz  | 10.6 | 0.9   |
| F4  | 10.6 | 0.9   |
| F8  | 10.6 | 0.9   |
| T3  | 10.7 | 0.9   |
| C3  | 10.6 | 0.9   |
| Cz  | 10.6 | 1.0   |
| C4  | 10.6 | 1.0   |
| T4  | 10.7 | 1.0   |
| T5  | 10.6 | 0.9   |
| P3  | 10.6 | 0.7   |
| Pz  | 10.6 | 0.9   |
| P4  | 10.6 | 0.9   |
| T6  | 10.7 | 1.0   |
| O1  | 10.6 | 0.9   |
| O2  | 10.8 | 1.1   |

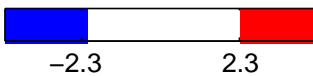


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## Z-scored Phase Coherence

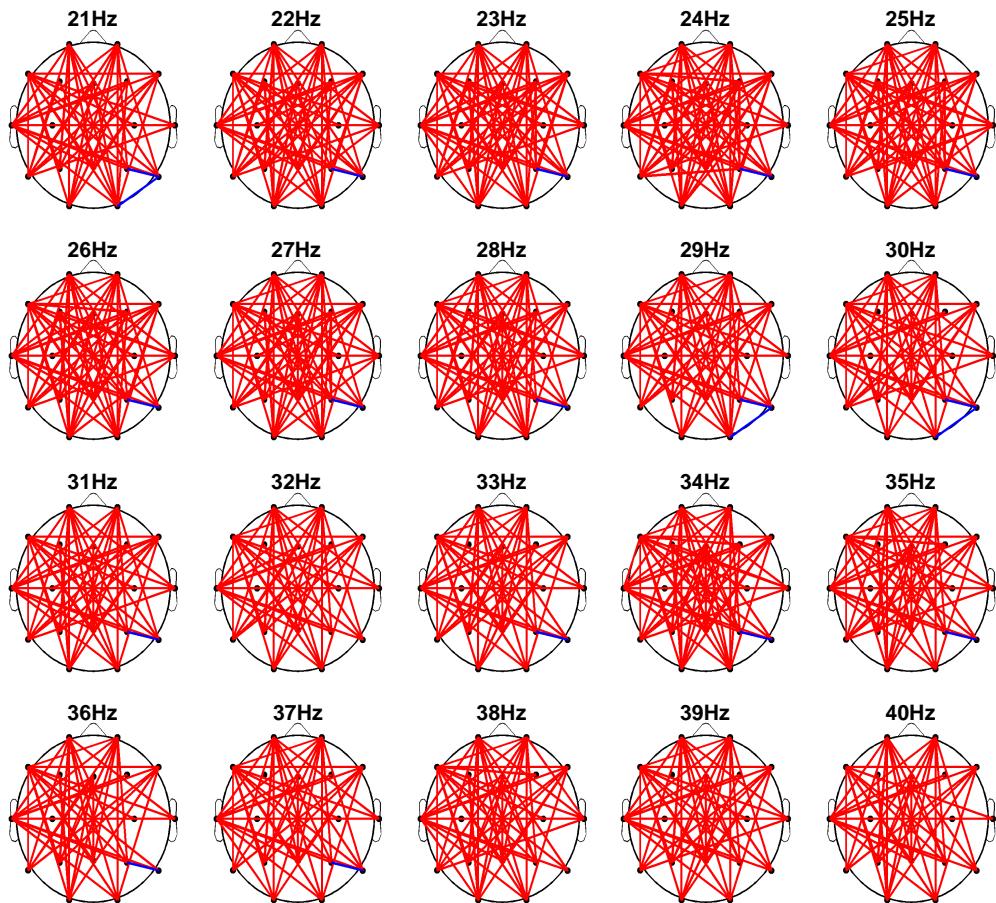


Color Legend (z-scores)

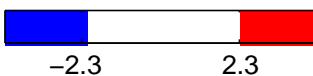


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Eyes Open

## Z-scored Phase Coherence

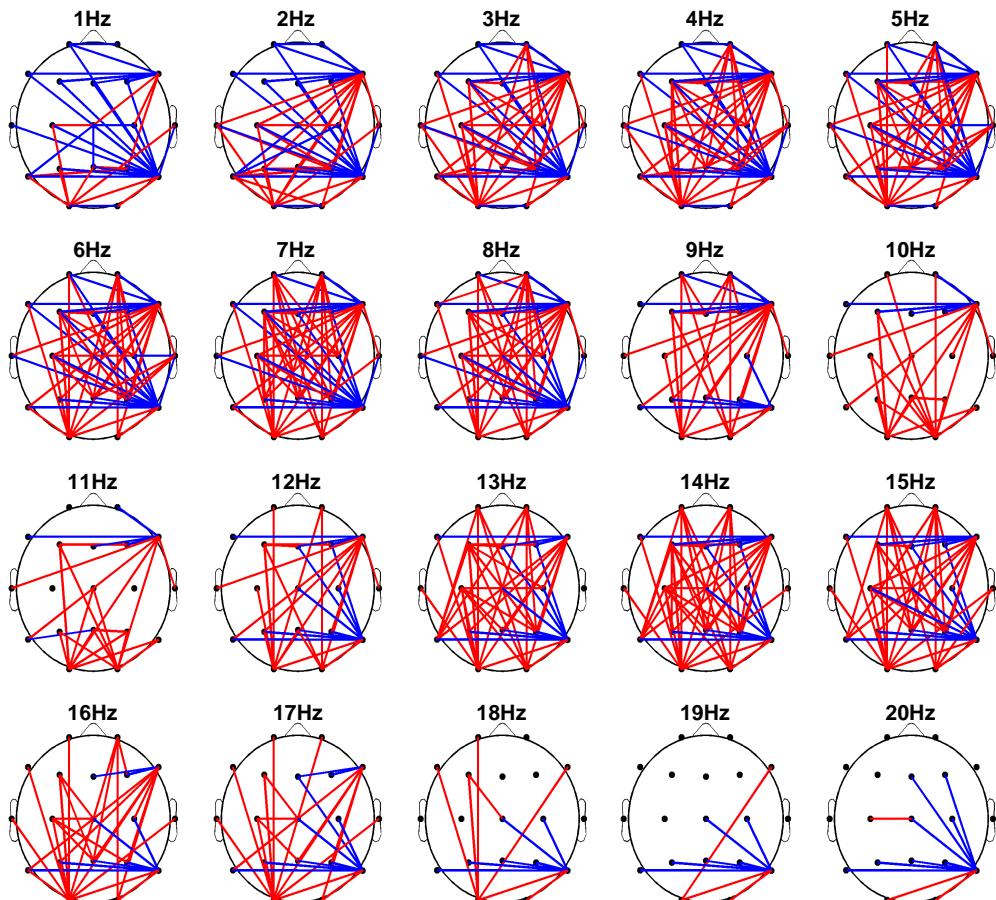


Color Legend (z-scores)



EEG ID: 298323  
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## Z-scored Amplitude Asymmetry

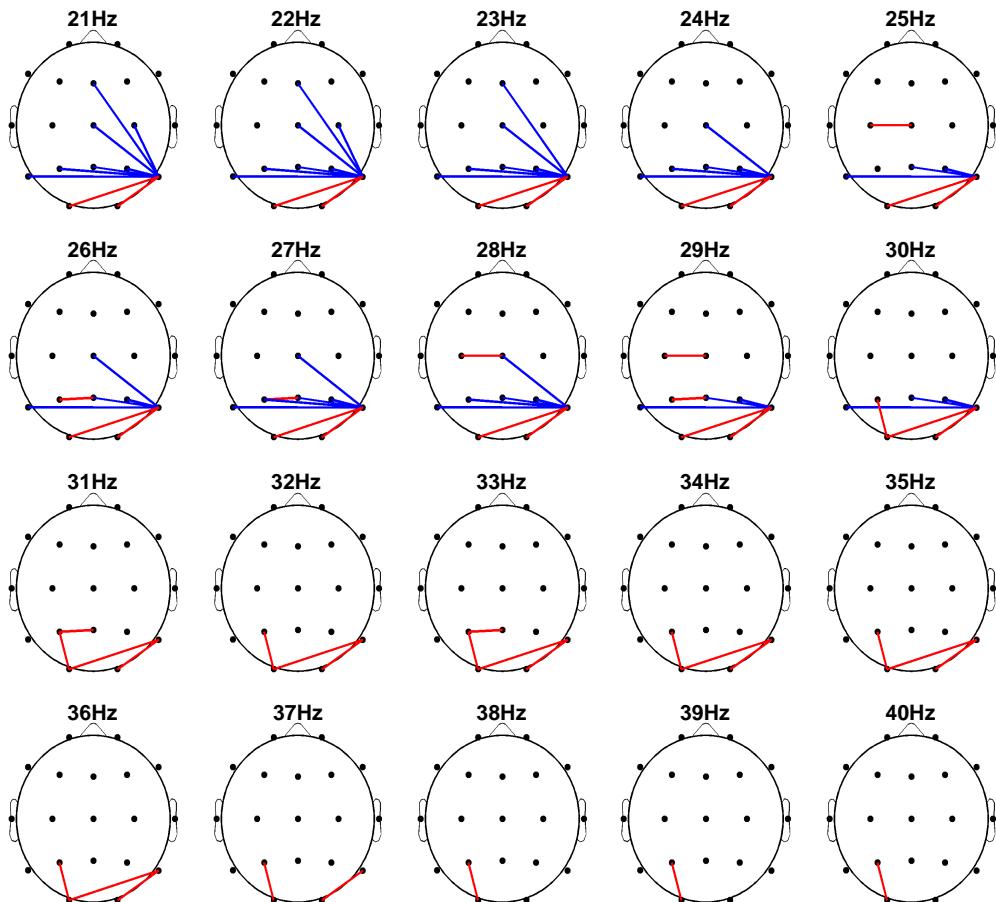


Color Legend (z-scores)

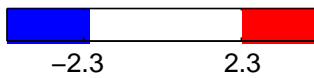


EEG ID: 298323  
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## Z-scored Amplitude Asymmetry

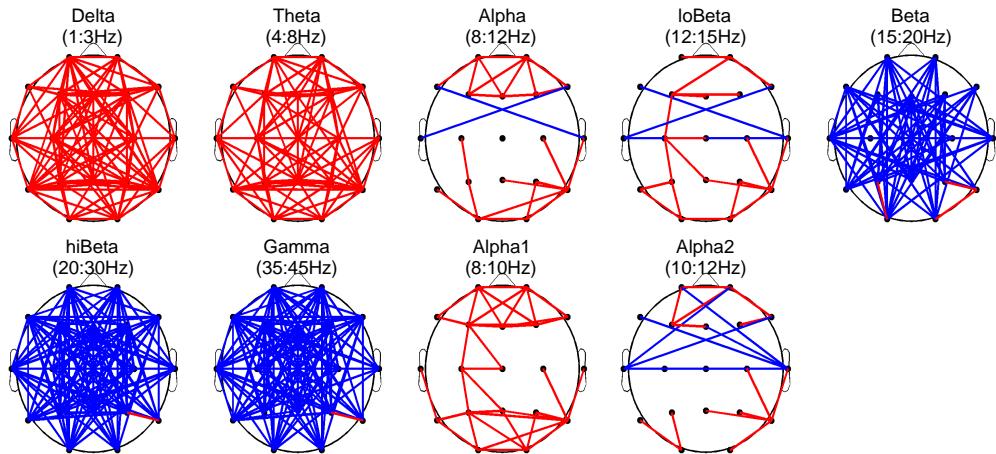


Color Legend (z-scores)

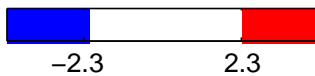


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## Z-scored Phase Lag

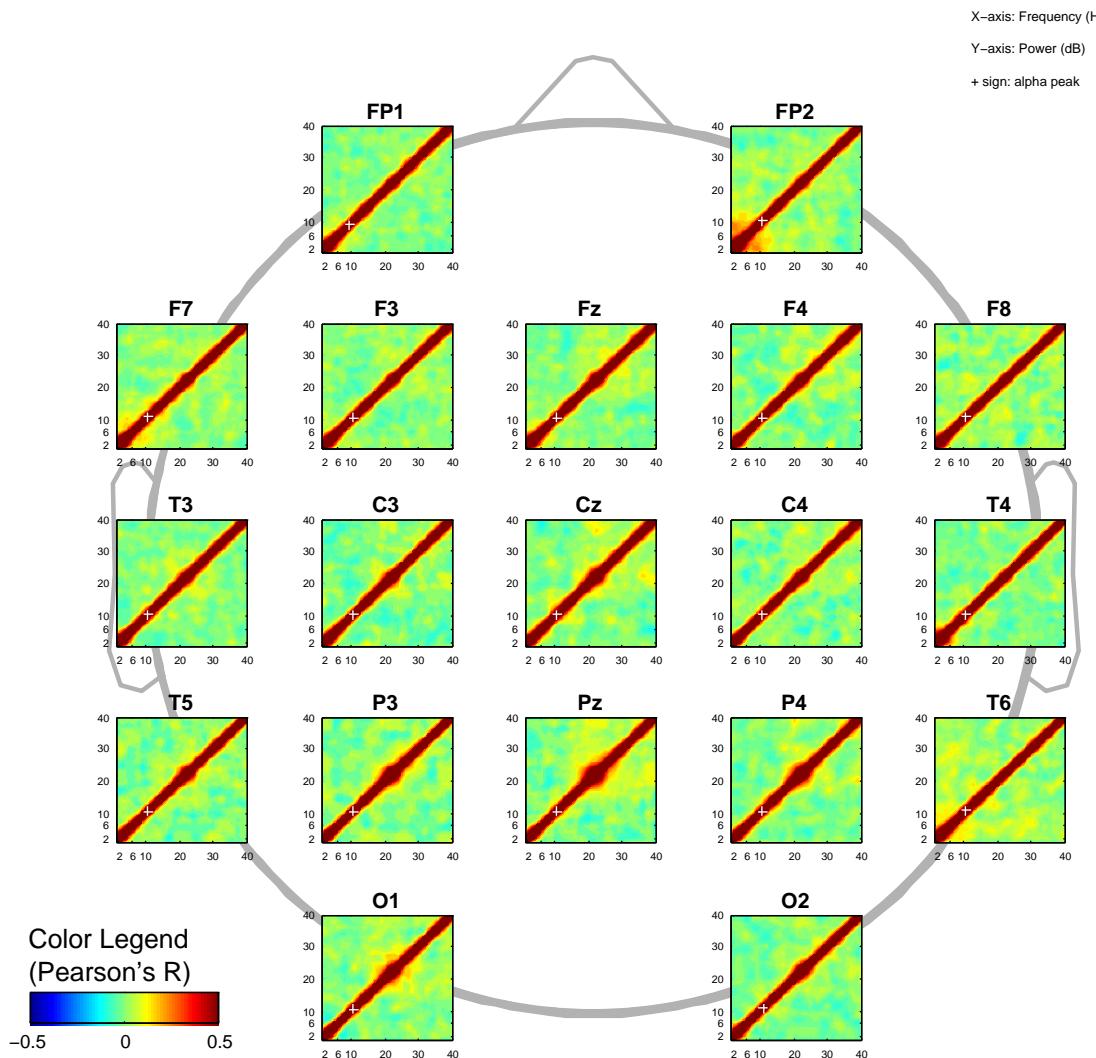


Color Legend (z-scores)



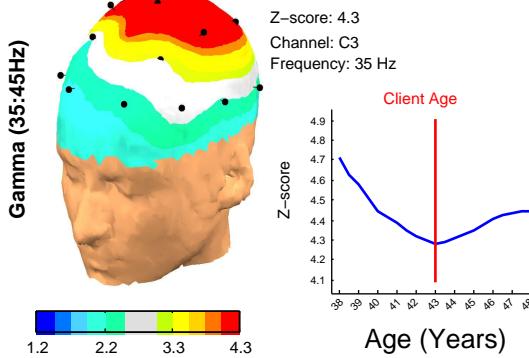
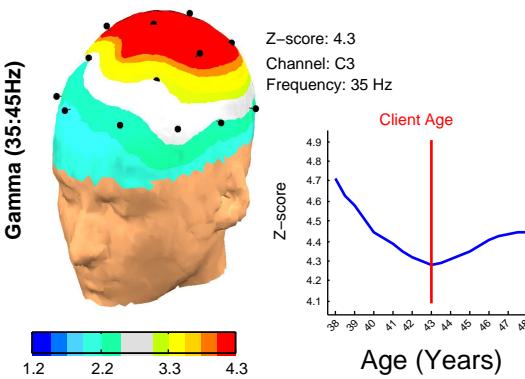
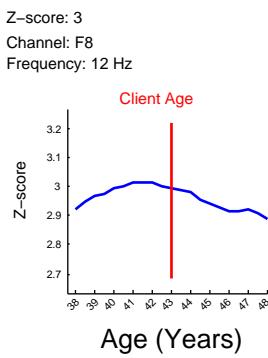
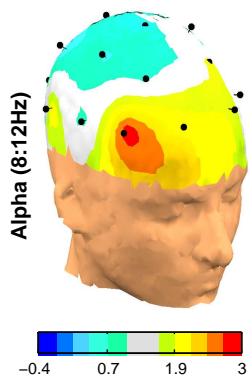
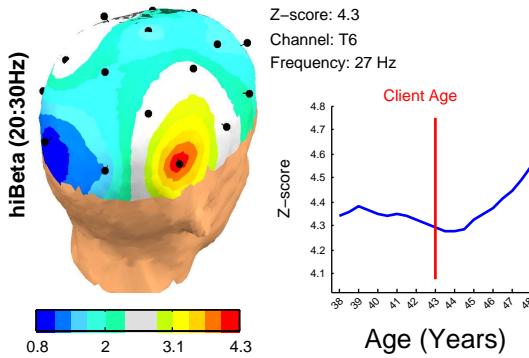
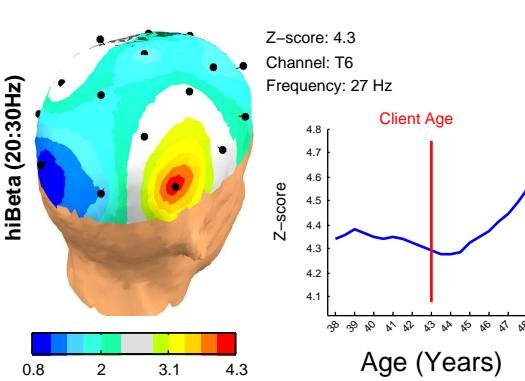
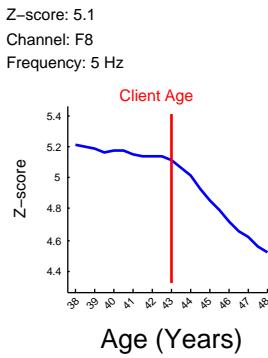
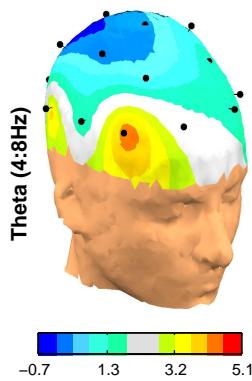
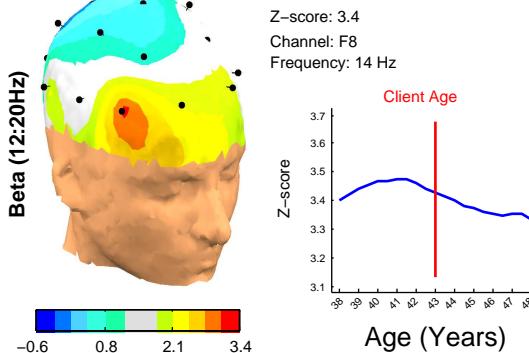
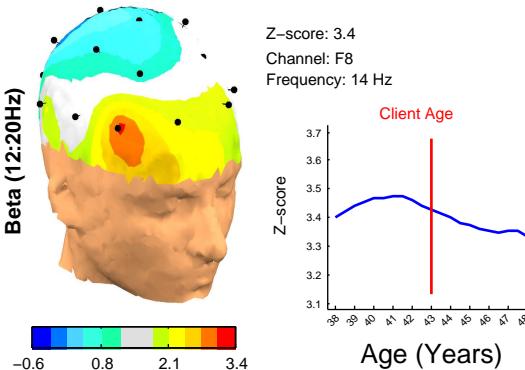
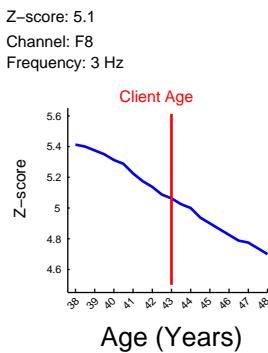
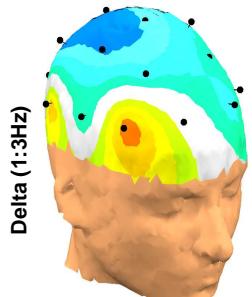
EEG ID: 298323  
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## Comodulation



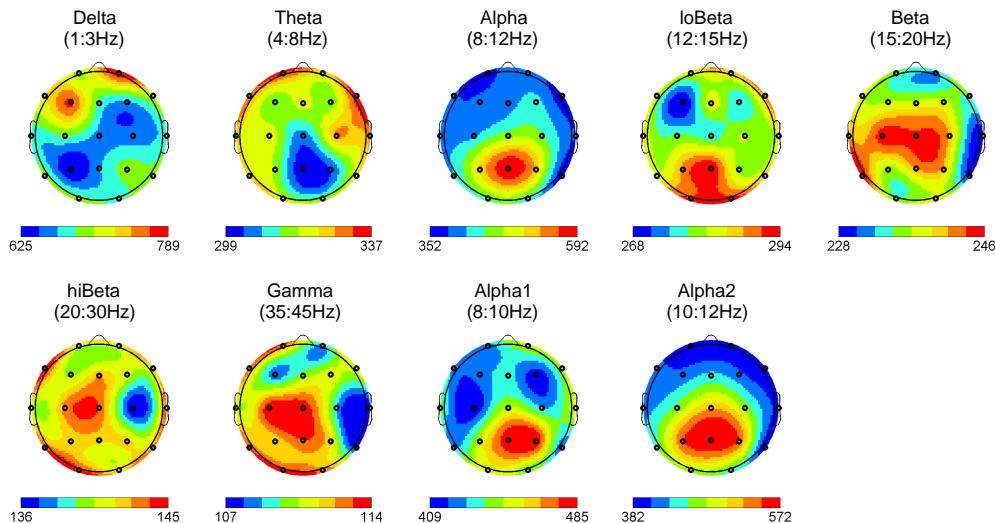
EEG ID: 298323  
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Eyes Open

## Extreme z-score development

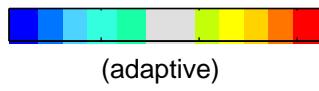


EEG ID: 298323  
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## Fluctuation Time

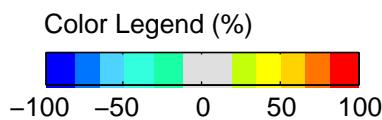
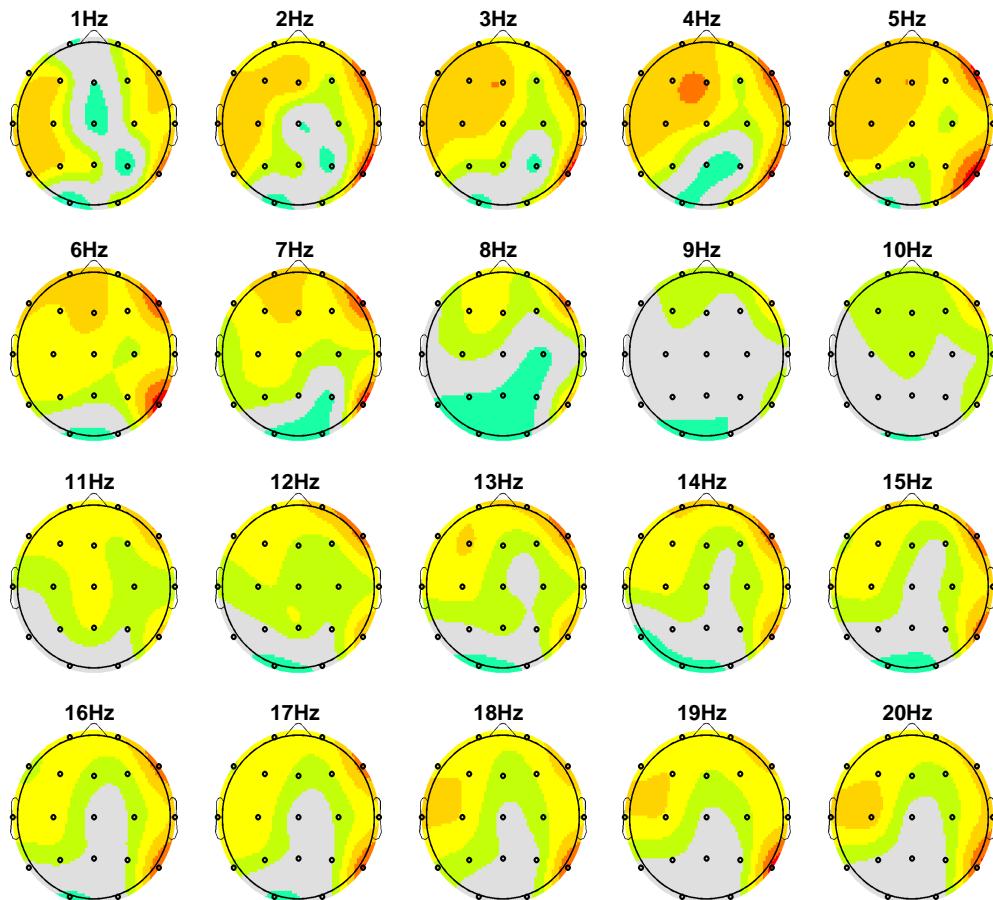


Fluctuation Time (Ms)



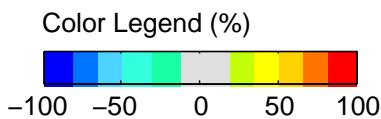
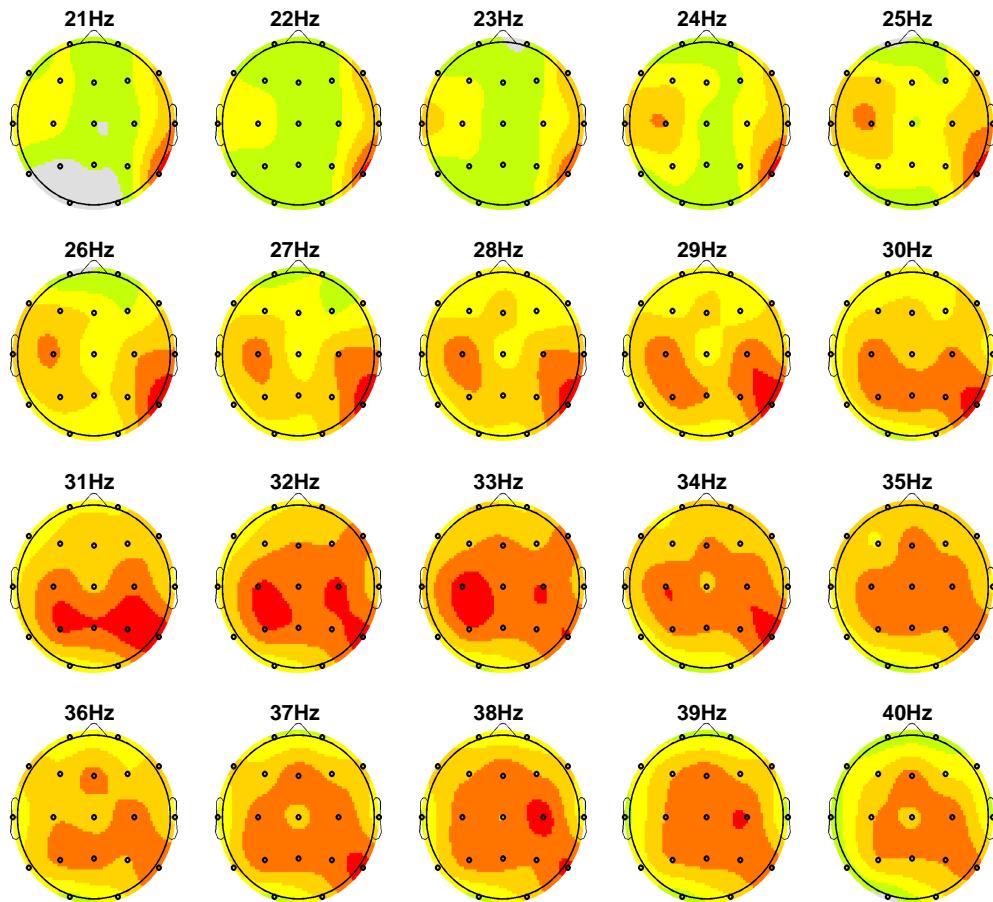
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## Percentage Deviant Activity



EEG ID: 298323  
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## Percentage Deviant Activity



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 Gender: Male  
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 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 | 25.5  | -0.1    | 13.1  | 1.6     | 7.5   | 1.0     | 5.4  | 1.7    | 6.7    | 1.1      |
| FP2 | 59.5  | 1.4     | 16.8  | 2.3     | 8.1   | 1.2     | 5.3  | 1.6    | 6.3    | 1.1      |
| F7  | 17.9  | 1.0     | 6.5   | 1.3     | 4.1   | 0.5     | 4.3  | 1.6    | 6.8    | 1.5      |
| F3  | 15.6  | 0.6     | 12.0  | 1.9     | 8.3   | 0.9     | 5.9  | 1.5    | 7.8    | 1.7      |
| Fz  | 12.5  | 0.0     | 10.2  | 1.0     | 7.4   | 0.4     | 4.2  | 0.8    | 5.3    | 1.2      |
| F4  | 14.0  | 0.4     | 8.2   | 0.9     | 6.3   | 0.4     | 4.4  | 0.9    | 5.8    | 1.0      |
| F8  | 56.1  | 3.2     | 22.8  | 4.8     | 10.1  | 2.1     | 6.6  | 2.6    | 7.9    | 1.9      |
| T3  | 6.3   | 0.9     | 3.6   | 0.9     | 3.8   | 0.4     | 6.0  | 1.7    | 10.3   | 1.7      |
| C3  | 10.8  | 0.9     | 8.7   | 1.4     | 7.9   | 0.5     | 5.9  | 1.3    | 8.4    | 2.0      |
| Cz  | 9.1   | -0.5    | 8.3   | 0.3     | 9.6   | 0.5     | 4.3  | 0.4    | 5.5    | 0.7      |
| C4  | 8.2   | 0.1     | 5.6   | 0.2     | 6.4   | 0.2     | 4.6  | 0.7    | 7.2    | 1.7      |
| T4  | 6.4   | 1.0     | 3.9   | 1.3     | 3.3   | 0.2     | 7.0  | 1.9    | 16.1   | 2.3      |
| T5  | 8.4   | 1.3     | 4.6   | 0.8     | 4.8   | -0.0    | 3.4  | 0.4    | 4.7    | 1.0      |
| P3  | 8.5   | 0.3     | 5.8   | 0.4     | 9.3   | 0.4     | 5.1  | 0.8    | 6.4    | 1.6      |
| Pz  | 10.3  | 0.4     | 5.8   | -0.0    | 13.6  | 0.7     | 4.4  | 0.4    | 5.3    | 1.0      |
| P4  | 6.5   | -0.5    | 4.5   | -0.1    | 8.0   | 0.2     | 4.0  | 0.3    | 5.2    | 1.2      |
| T6  | 30.3  | 4.3     | 18.3  | 4.1     | 11.4  | 1.1     | 8.6  | 2.3    | 11.9   | 3.5      |
| O1  | 4.2   | -1.3    | 3.2   | -0.7    | 4.1   | -0.7    | 2.6  | -0.6   | 3.8    | 0.3      |
| O2  | 6.8   | -0.1    | 4.4   | -0.0    | 4.0   | -0.6    | 3.2  | -0.1   | 4.4    | 0.7      |

Font

Color Legend (z-scores)



-3 -2 -1.5 0 1.5 2 3

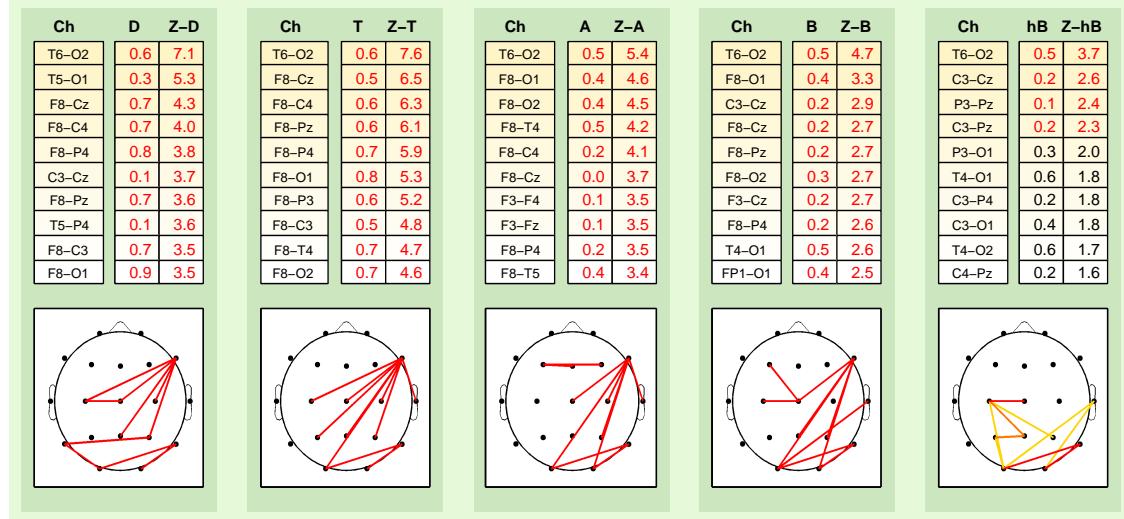
Relative Power (%)

| Ch  | Delta | Z-Delta | Theta | Z-Theta | Alpha | Z-Alpha | Beta | Z-Beta | hiBeta | Z-hiBeta |
|-----|-------|---------|-------|---------|-------|---------|------|--------|--------|----------|
| FP1 | 28.6  | -1.6    | 14.7  | 0.7     | 8.4   | 0.2     | 6.1  | 1.1    | 7.5    | 0.5      |
| FP2 | 41.7  | -0.5    | 11.8  | -0.3    | 5.7   | -1.2    | 3.7  | -0.9   | 4.4    | -1.0     |
| F7  | 28.4  | -0.8    | 10.3  | -1.1    | 6.6   | -1.2    | 6.8  | -0.0   | 10.8   | 0.2      |
| F3  | 20.2  | -1.9    | 15.6  | -0.2    | 10.7  | -0.5    | 7.7  | 0.1    | 10.1   | 0.3      |
| Fz  | 20.4  | -1.9    | 16.7  | -0.3    | 12.1  | -0.5    | 6.9  | -0.1   | 8.6    | 0.4      |
| F4  | 23.3  | -1.3    | 13.6  | -0.8    | 10.5  | -0.6    | 7.3  | -0.1   | 9.7    | 0.1      |
| F8  | 35.9  | -0.0    | 14.6  | 0.4     | 6.4   | -1.3    | 4.2  | -1.7   | 5.1    | -1.9     |
| T3  | 12.0  | -1.7    | 6.8   | -1.9    | 7.3   | -1.3    | 11.4 | -0.0   | 19.6   | 0.4      |
| C3  | 16.0  | -2.0    | 12.9  | -1.1    | 11.8  | -0.8    | 8.8  | -0.2   | 12.4   | 0.5      |
| Cz  | 15.7  | -2.7    | 14.4  | -1.0    | 16.7  | -0.0    | 7.4  | -0.4   | 9.5    | 0.1      |
| C4  | 15.6  | -2.2    | 10.6  | -1.7    | 12.2  | -0.7    | 8.7  | -0.3   | 13.7   | 0.9      |
| T4  | 10.1  | -2.1    | 6.1   | -2.2    | 5.1   | -2.0    | 11.1 | -0.2   | 25.3   | 0.9      |
| T5  | 20.2  | 0.0     | 10.9  | -0.6    | 11.6  | -1.0    | 8.2  | -0.8   | 11.2   | -0.0     |
| P3  | 15.1  | -1.9    | 10.2  | -1.4    | 16.5  | -0.4    | 9.0  | -0.3   | 11.4   | 0.6      |
| Pz  | 16.7  | -1.8    | 9.5   | -2.0    | 22.0  | 0.2     | 7.1  | -0.8   | 8.6    | -0.1     |
| P4  | 14.4  | -2.2    | 9.9   | -1.4    | 17.7  | -0.3    | 8.8  | -0.4   | 11.5   | 0.7      |
| T6  | 23.9  | 0.3     | 14.5  | 0.4     | 9.0   | -1.5    | 6.8  | -1.1   | 9.4    | -0.5     |
| O1  | 14.5  | -1.4    | 11.2  | -0.6    | 14.1  | -0.8    | 8.9  | -0.5   | 13.4   | 0.9      |
| O2  | 18.7  | -0.6    | 12.0  | -0.4    | 11.1  | -1.2    | 8.7  | -0.5   | 12.0   | 0.6      |

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

## Tables: Amplitude Asymmetry

### Top 10 Z-scores



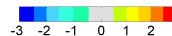
Font

Color Legend (z-scores)

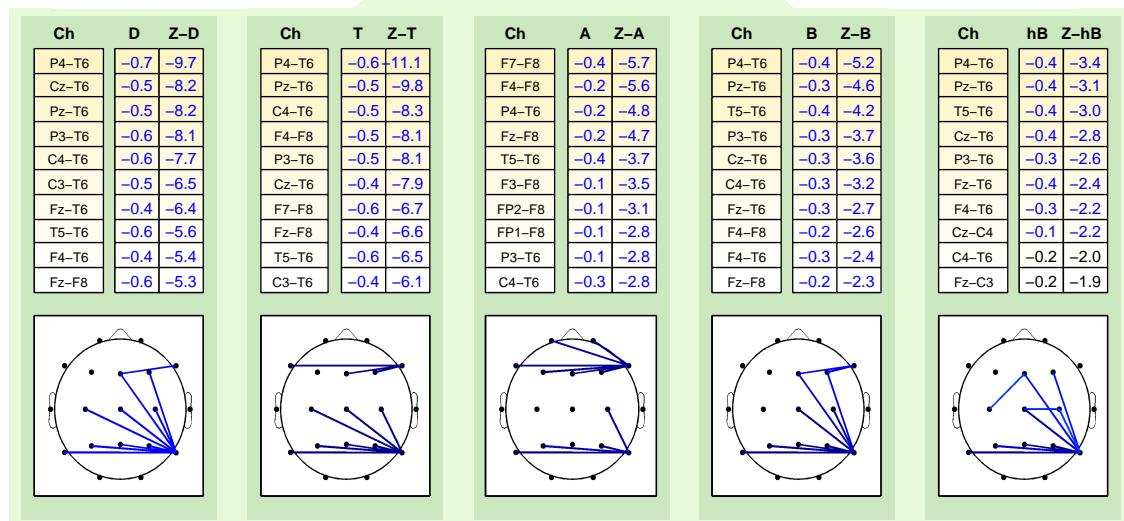


Headplot

Color Legend (z-scores)



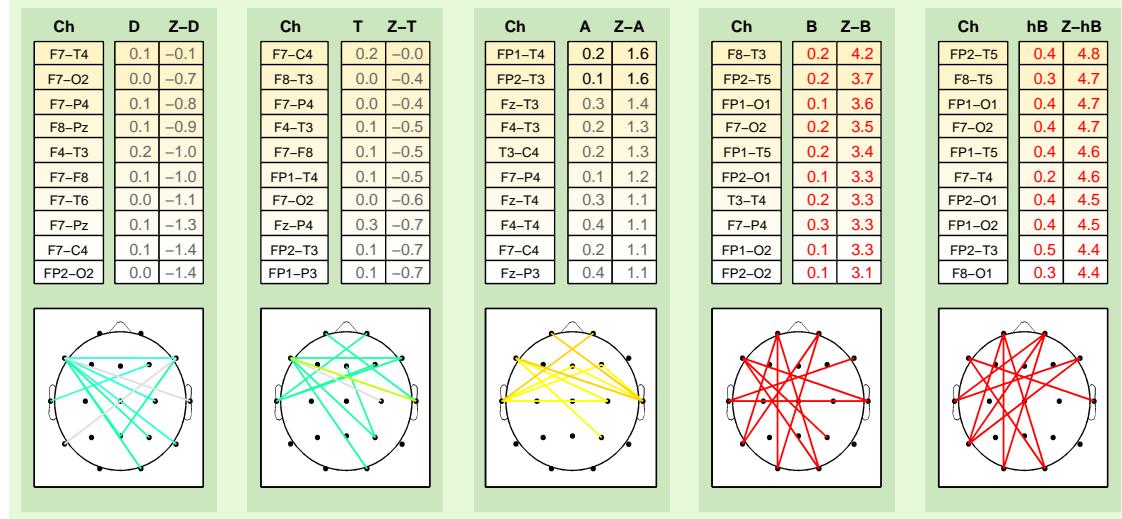
### Bottom 10 Z-scores



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

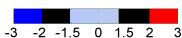
## Tables: Phase Coherence

Top 10 Z-scores



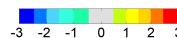
Font

Color Legend (z-scores)

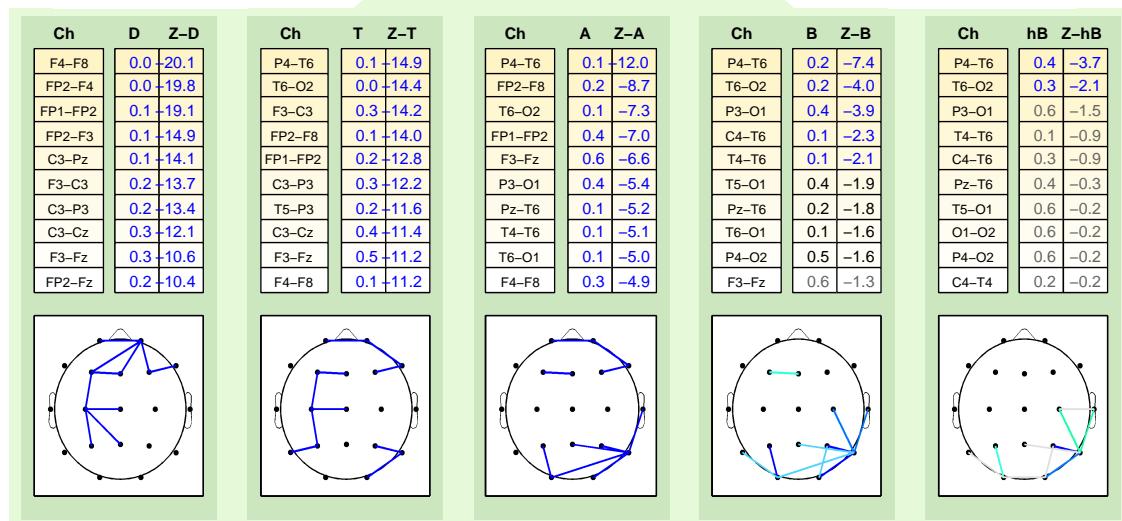


Headplot

Color Legend (z-scores)



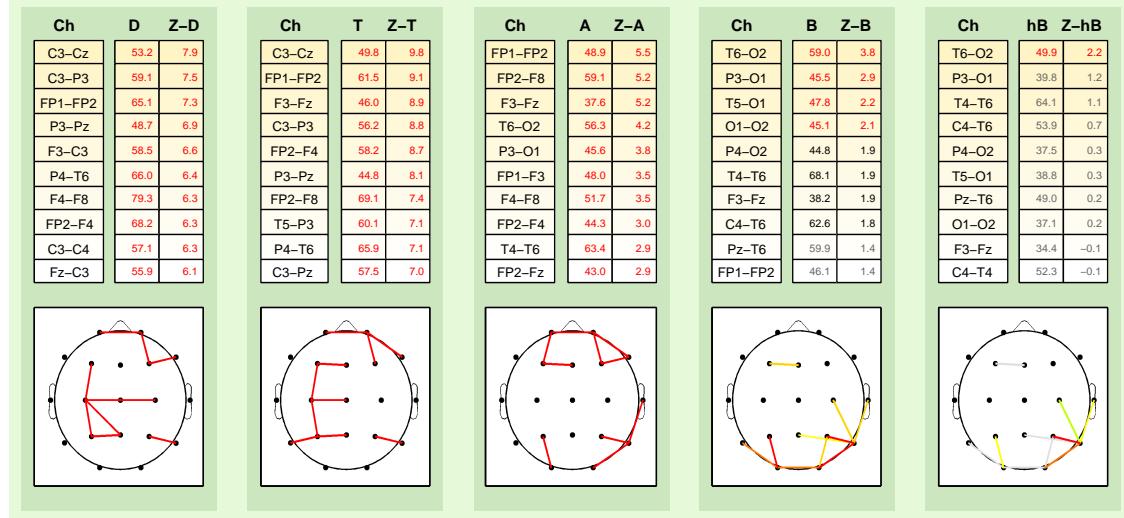
Bottom 10 Z-scores



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

## Tables: Phase Lag

### Top 10 Z-scores



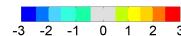
Font

Color Legend (z-scores)



Headplot

Color Legend (z-scores)



### Bottom 10 Z-scores

