

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

MONTAGE: Laplacian



SUBJECT INFORMATION:

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

ARTIFACT REJECTION/CORRECTION RESULTS:

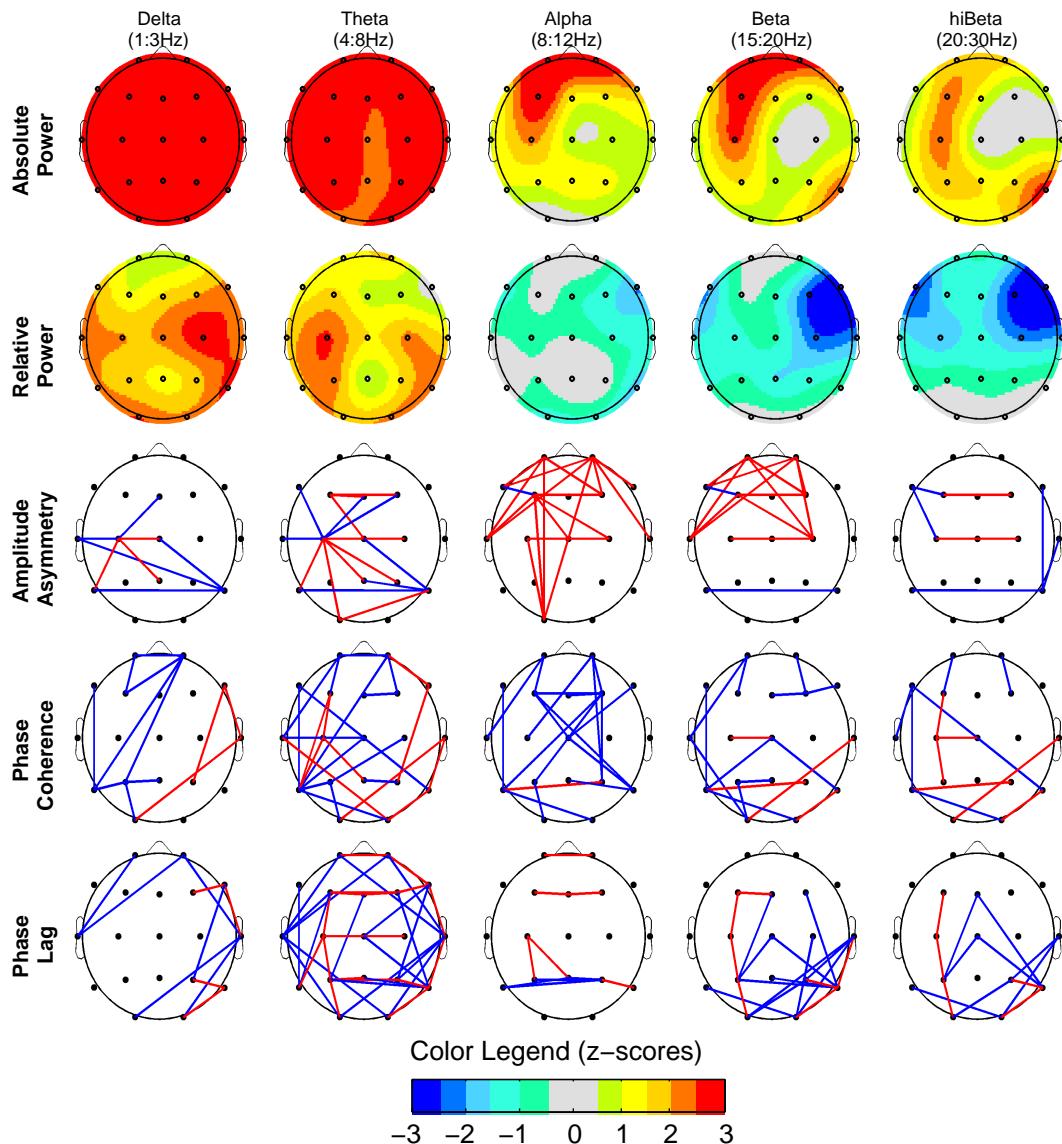
Noisy channels:
High frequency artifacts will be ignored in these channels.
Percentage rejected data: 16%
(High percentages indicate bad data quality)
Record length: 6:04
Edit length: 5:07

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.

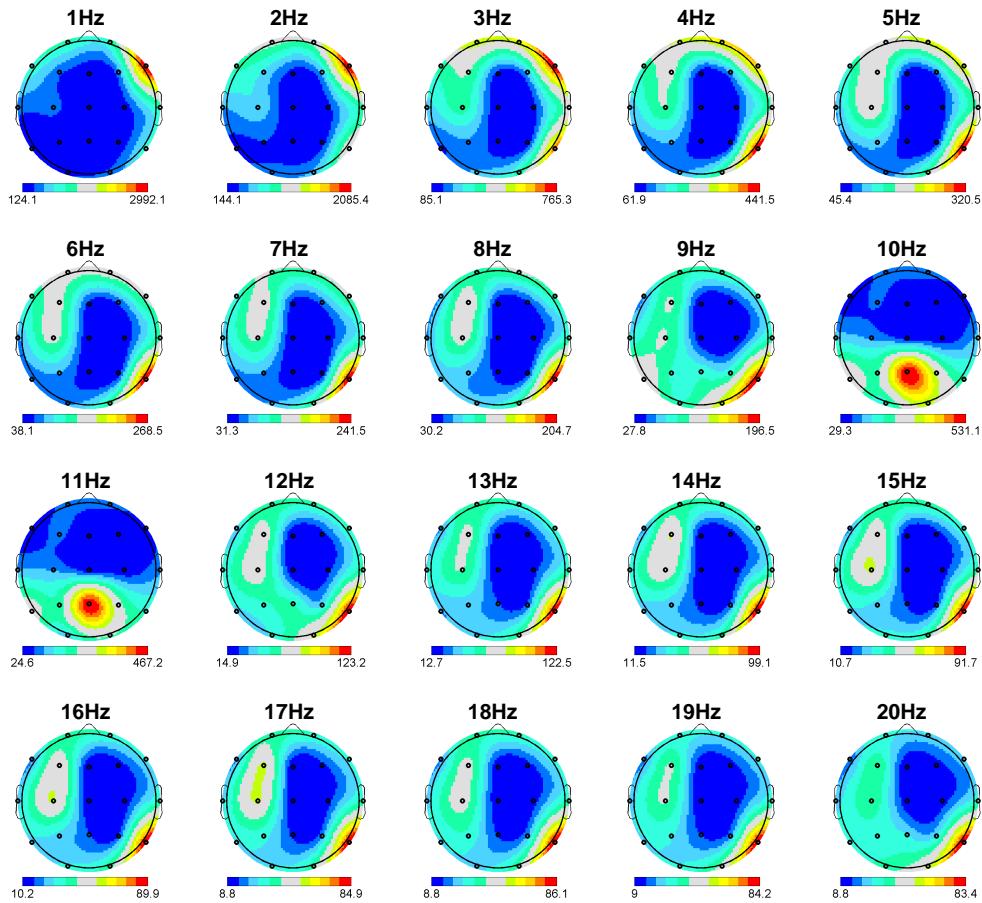
EEG ID: 989641
Test Date: 2022-08-08
Age: 43.0
Gender: Male
Montage: Laplacian
Eyes Closed

Summary of the Z-score analyses



EEG ID: 989641
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FFT Absolute Power



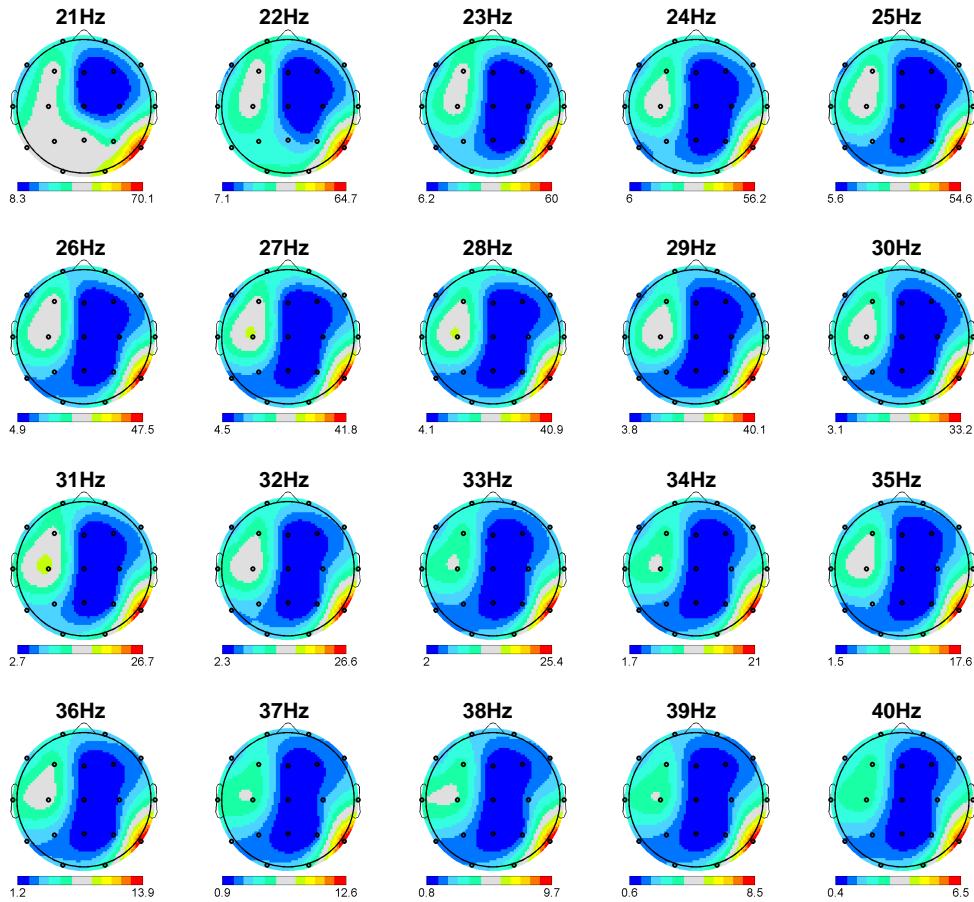
Color Legend (μV^2 squared)



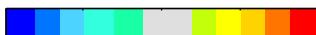
(adaptive)

EEG ID: 989641
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FFT Absolute Power



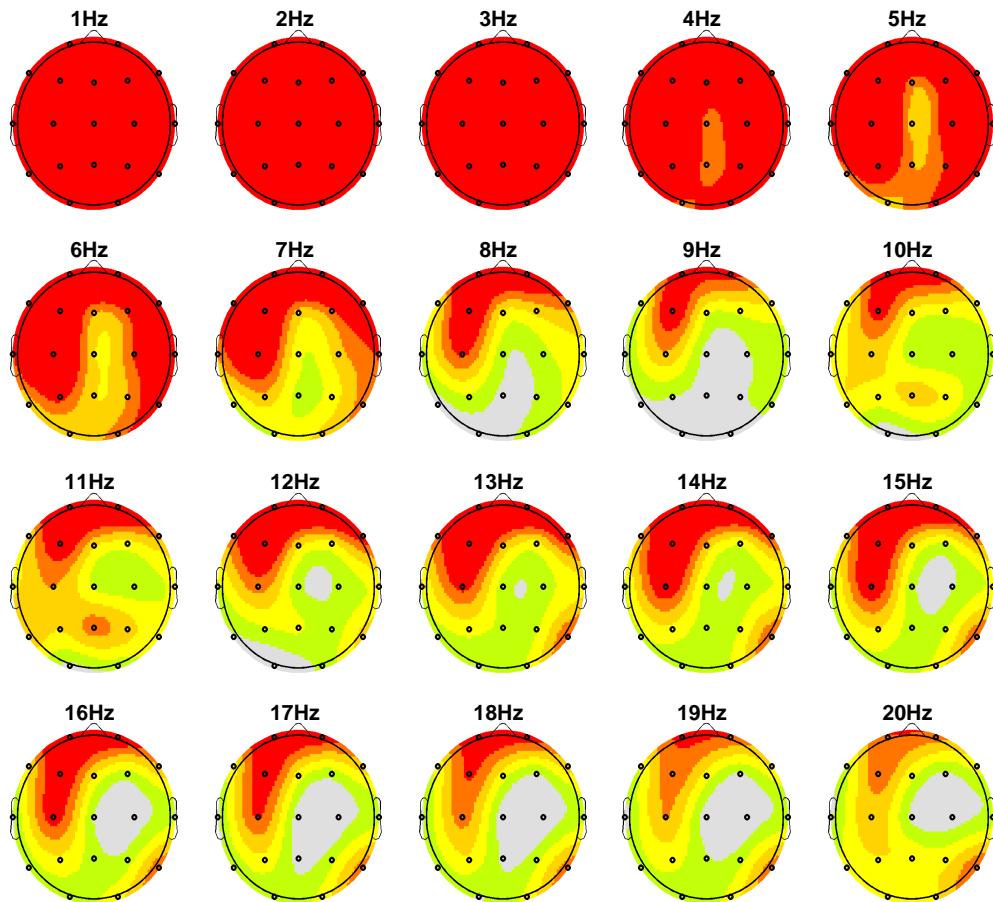
Color Legend (μV^2 squared)



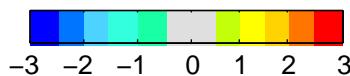
(adaptive)

EEG ID: 989641
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Z-scored FFT Absolute Power

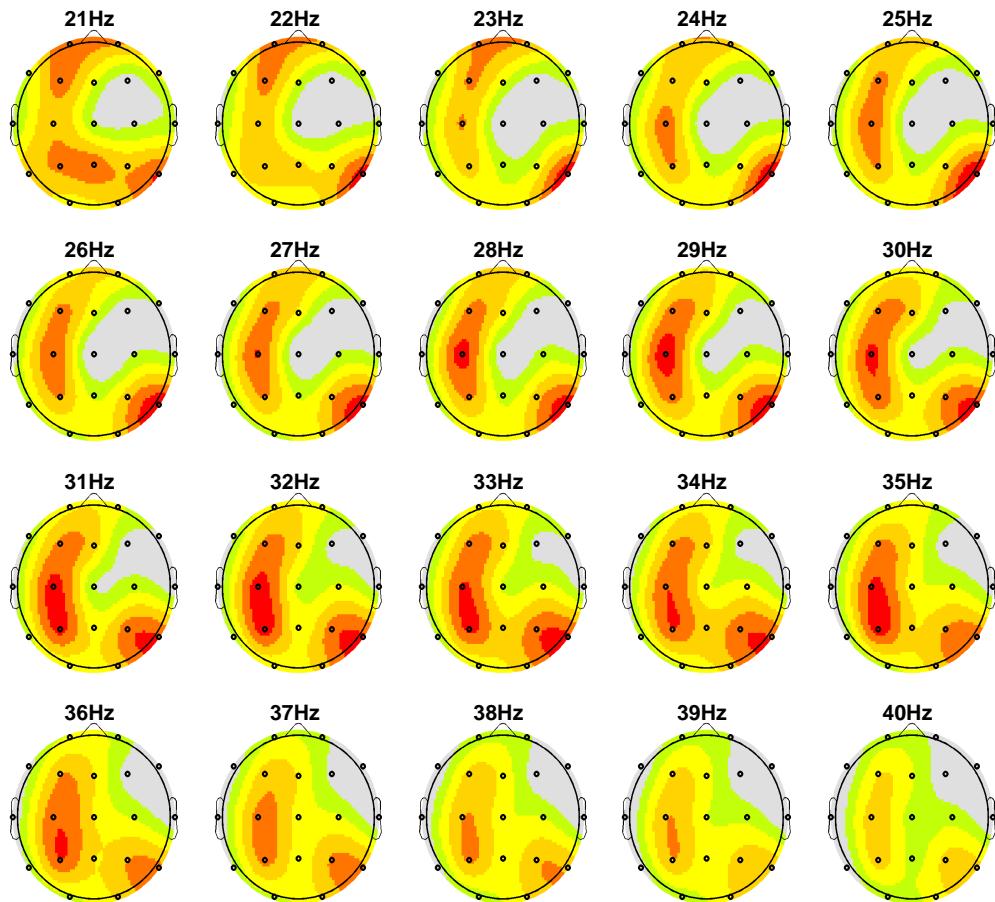


Color Legend (z-scores)

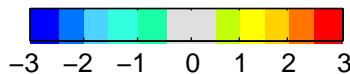


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Z-scored FFT Absolute Power

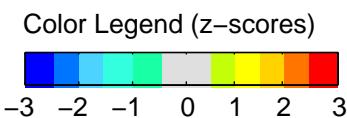
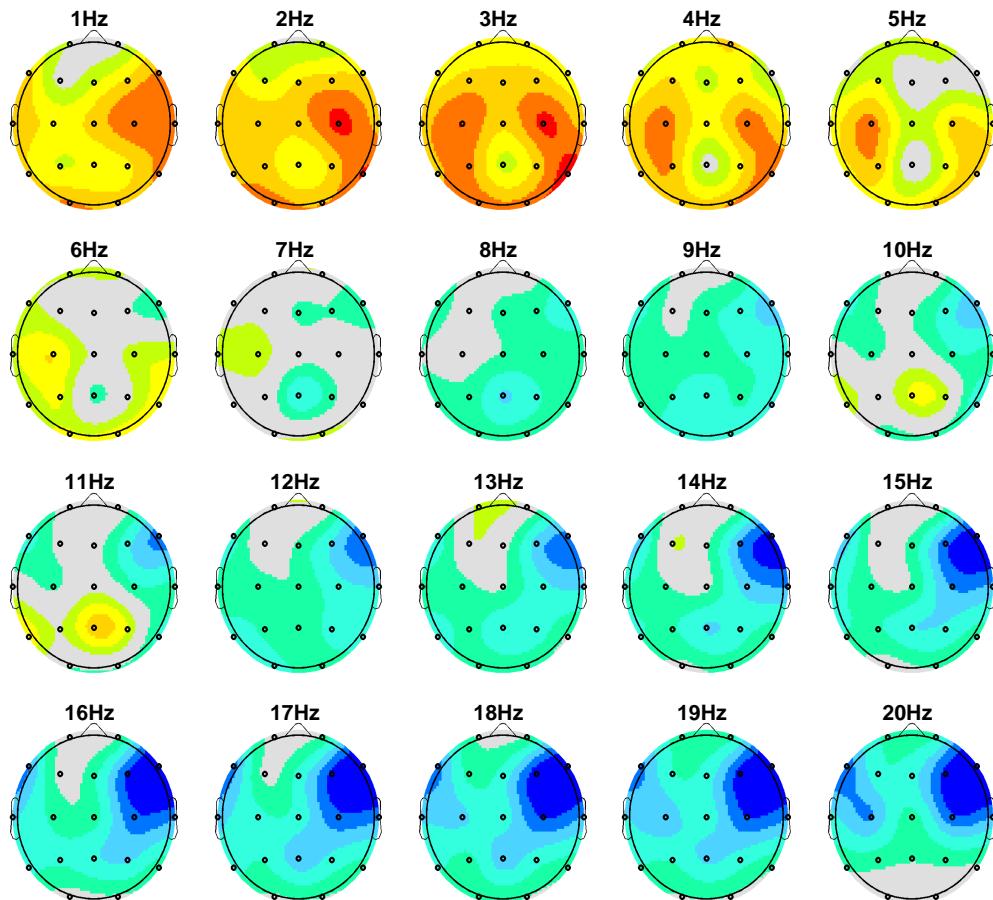


Color Legend (z-scores)



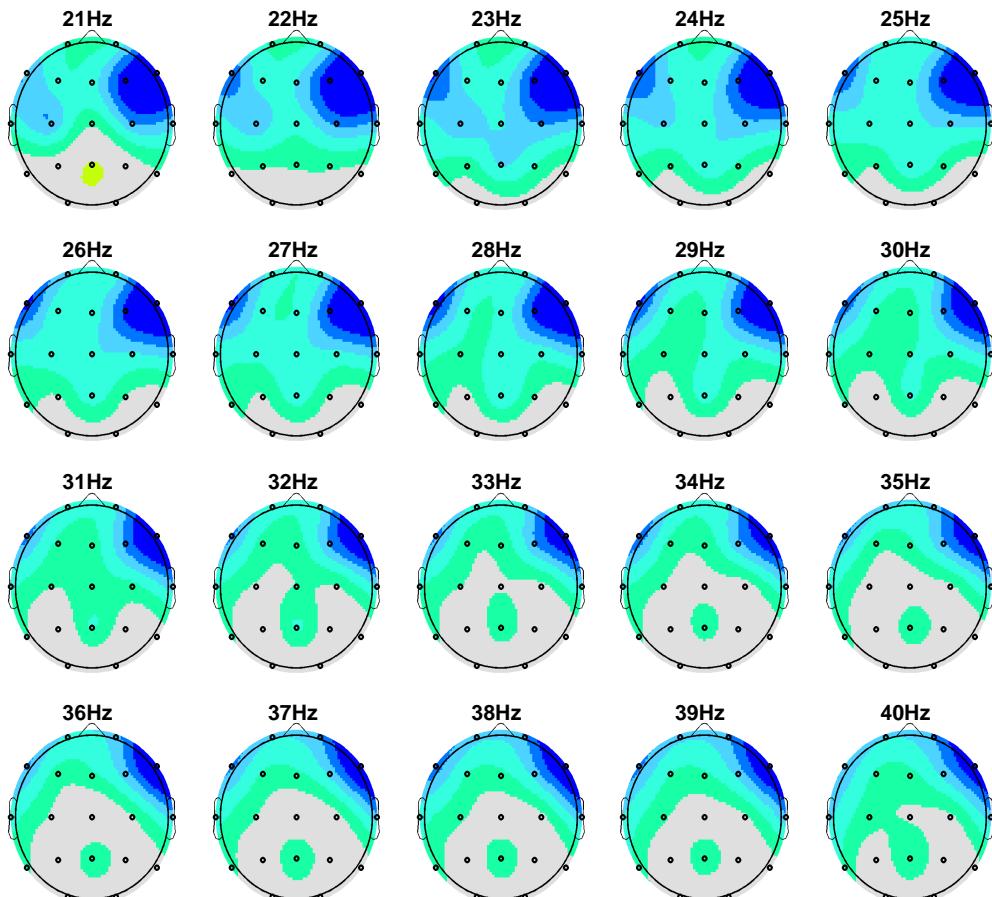
EEG ID: 989641
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Z-scored FFT Relative Power

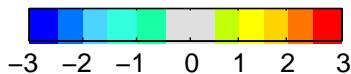


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Z-scored FFT Relative Power

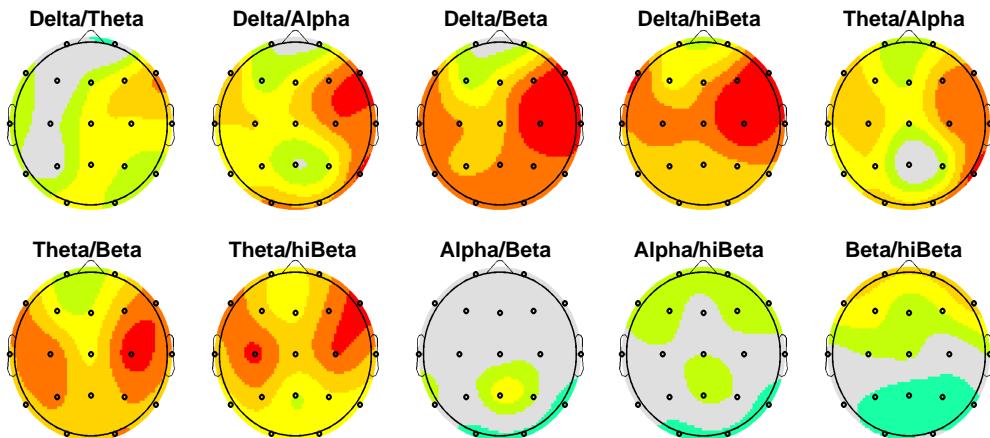


Color Legend (z-scores)

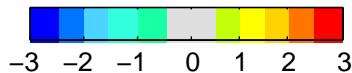


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Z-scored Power Ratio



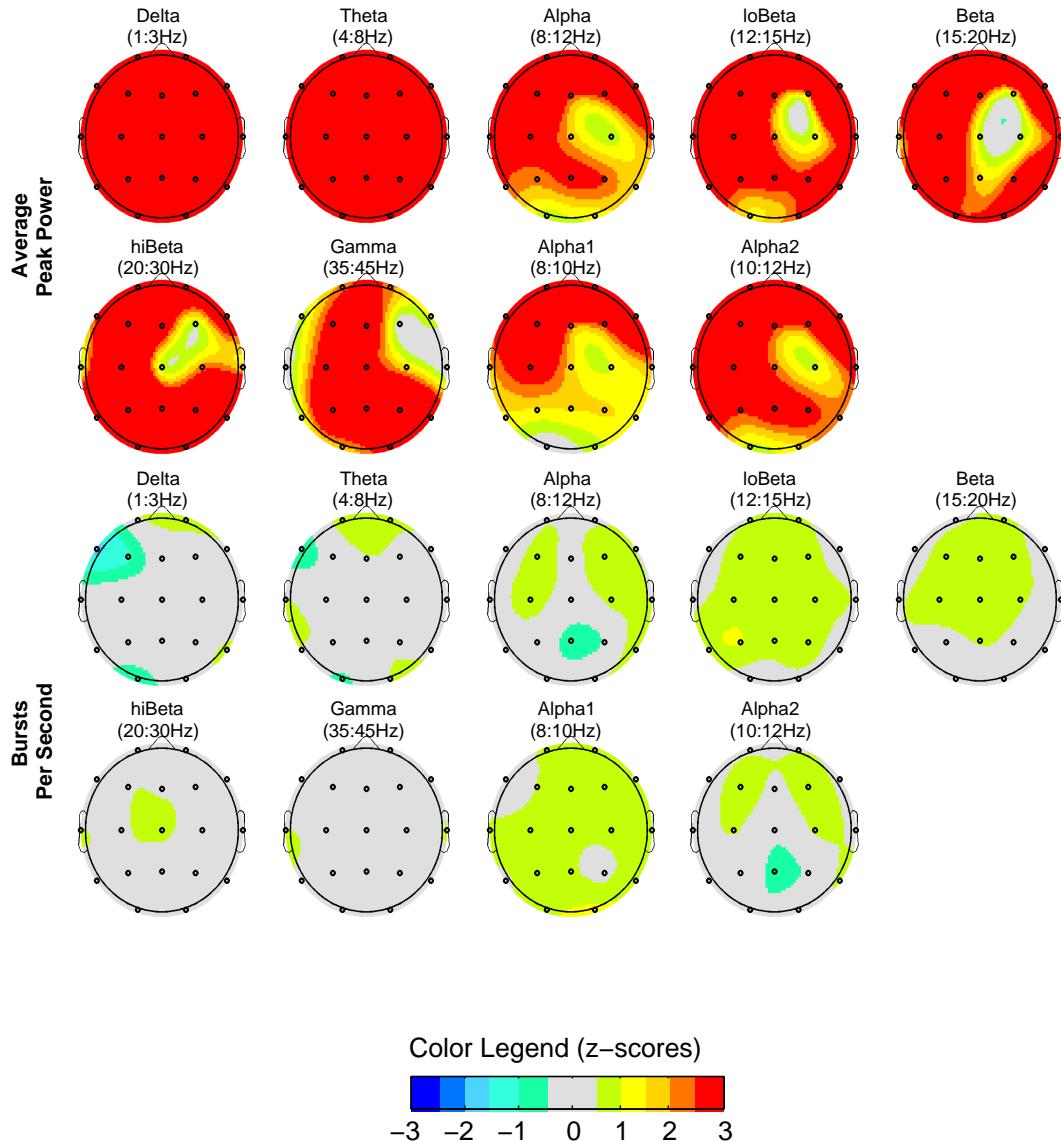
Color Legend (z-scores)



-3 -2 -1 0 1 2 3

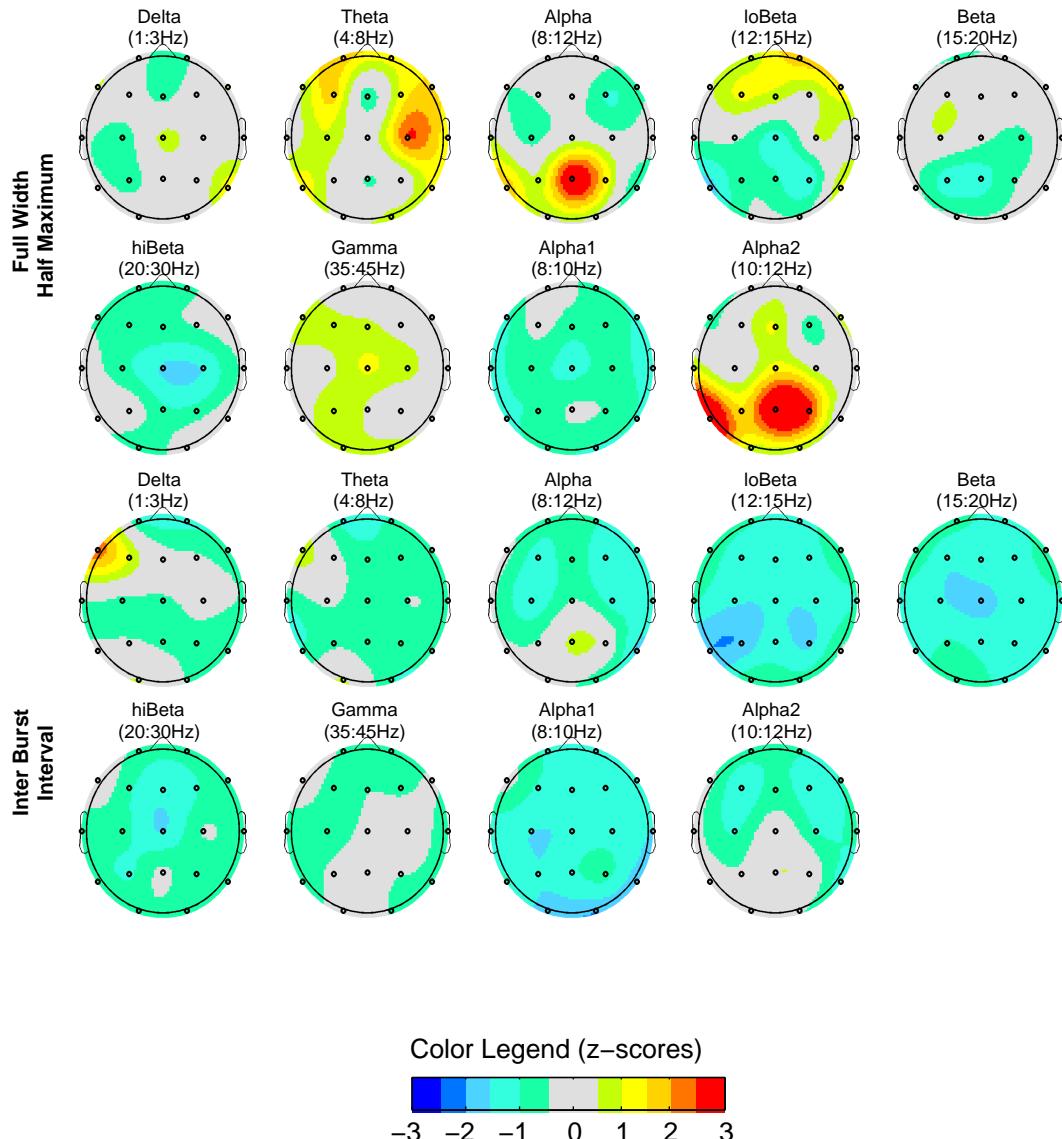
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Z-scored Burst Metrics



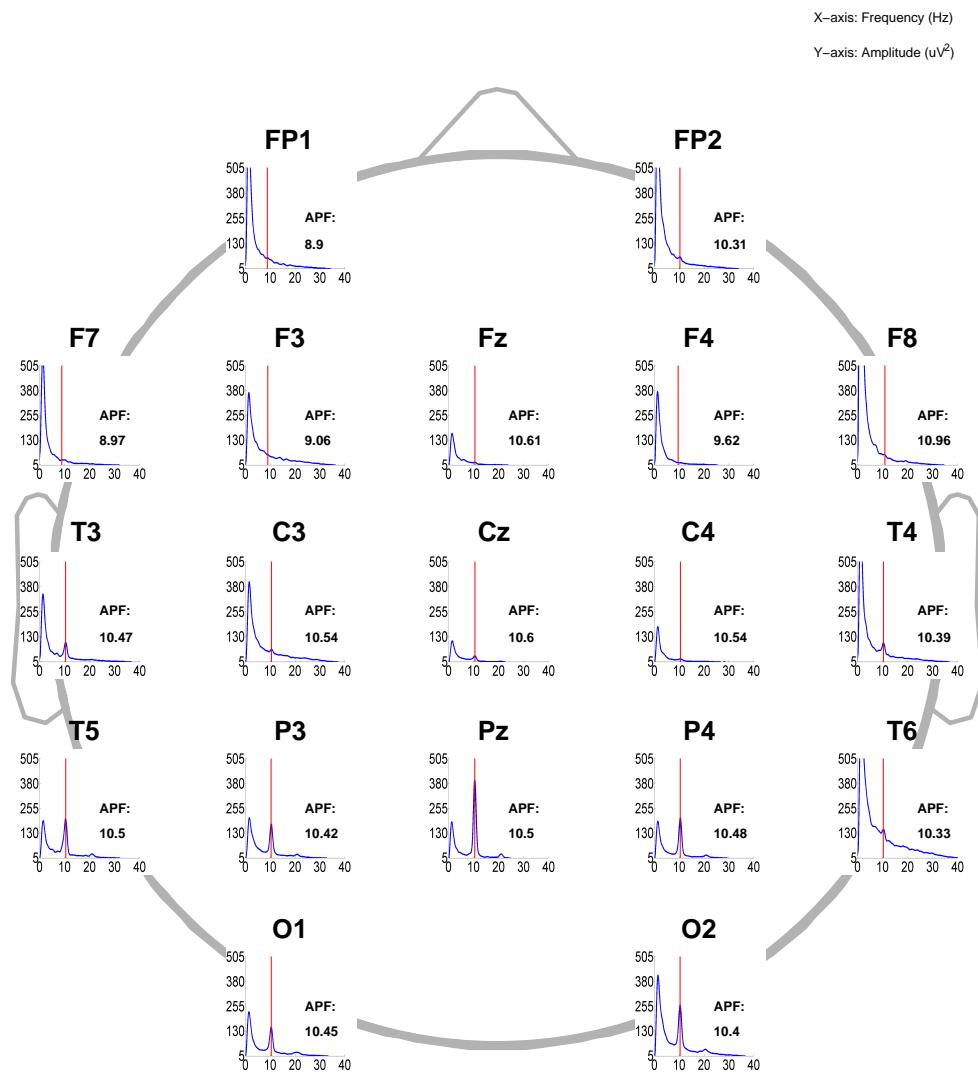
EEG ID: 989641
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Z-scored Burst Metrics



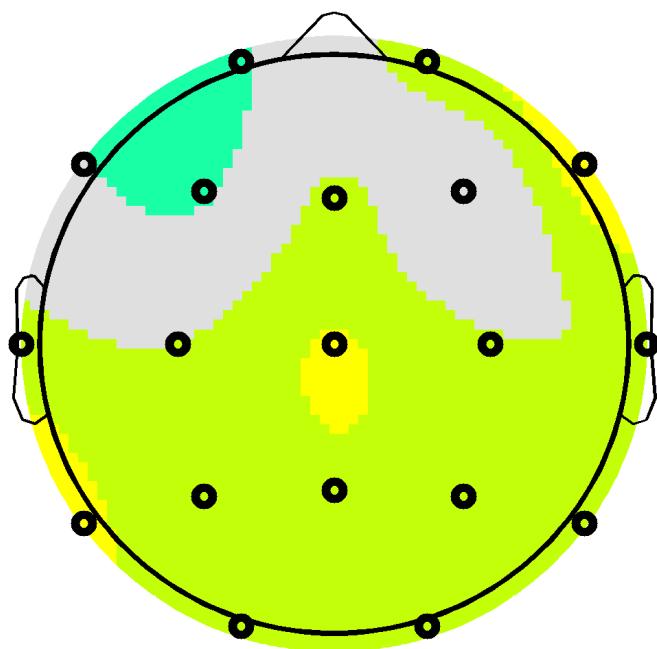
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FFT power distribution and Alpha Peak

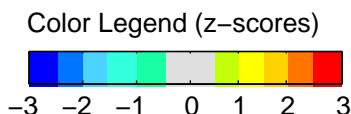


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Z-scored Alpha Peak

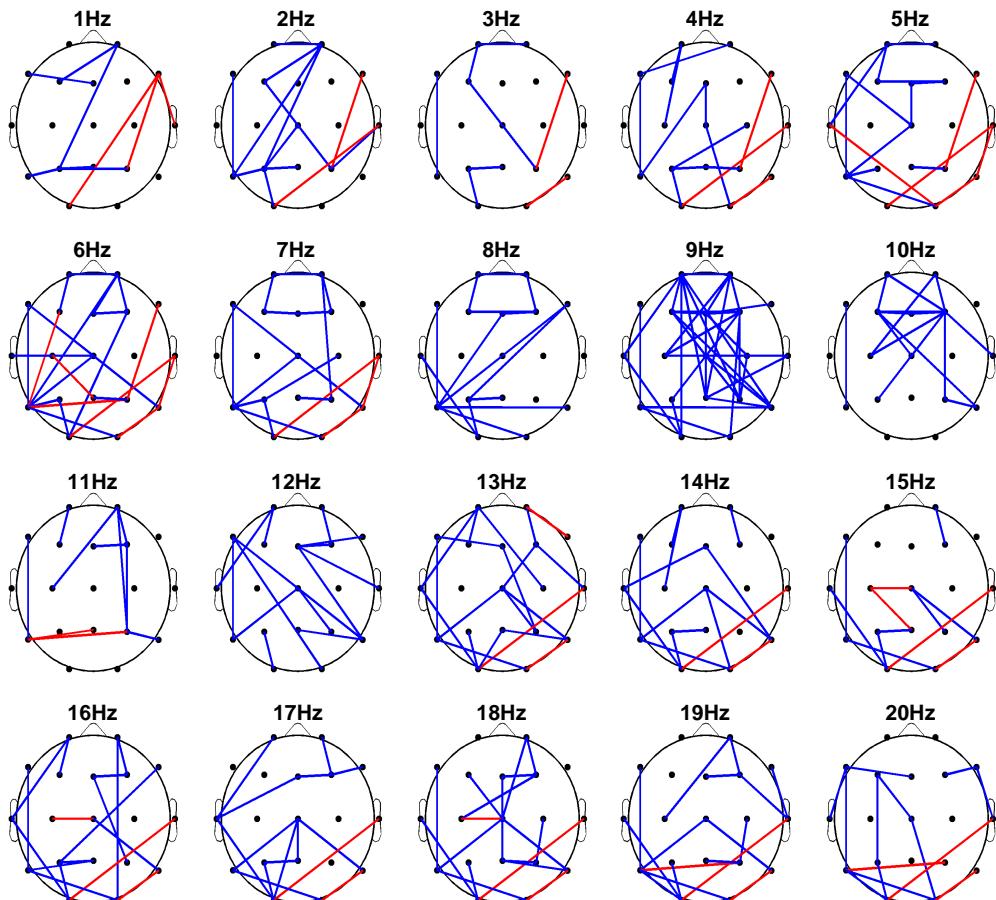


Ch	APF	Z-APF
FP1	8.9	-0.5
FP2	10.3	0.8
F7	9.0	-0.4
F3	9.1	-0.5
Fz	10.6	0.7
F4	9.6	-0.1
F8	11.0	1.4
T3	10.5	0.8
C3	10.5	0.6
Cz	10.6	1.1
C4	10.5	0.6
T4	10.4	0.7
T5	10.5	1.2
P3	10.4	0.7
Pz	10.5	0.9
P4	10.5	0.8
T6	10.3	1.0
O1	10.5	0.7
O2	10.4	0.6

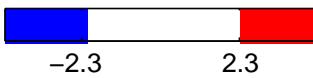


EEG ID: 989641
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Z-scored Phase Coherence

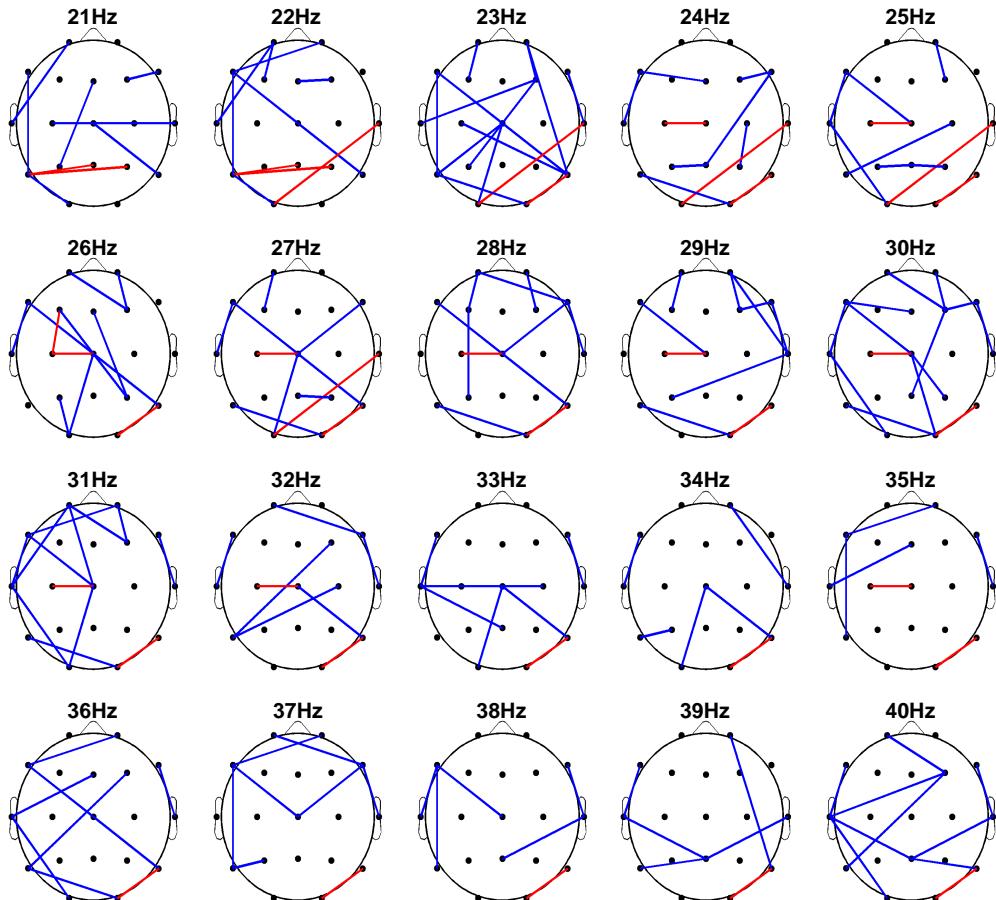


Color Legend (z-scores)

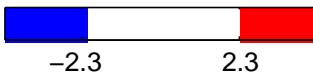


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Z-scored Phase Coherence



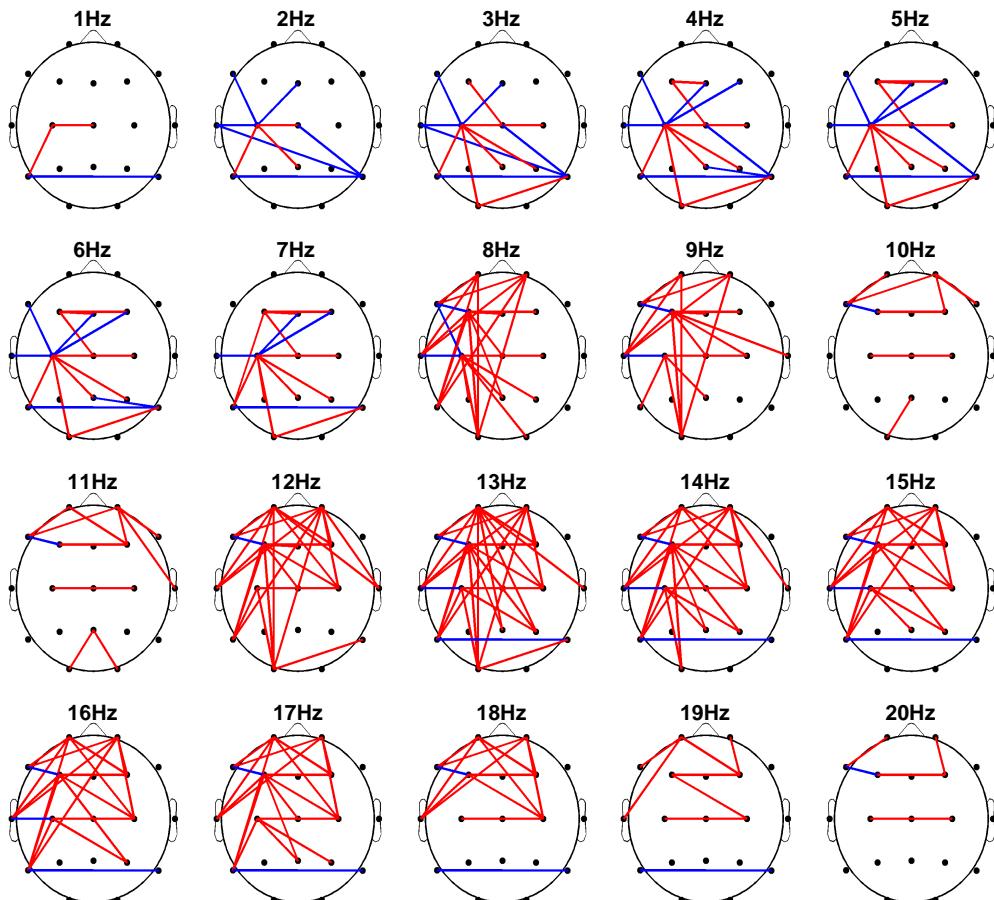
Color Legend (z-scores)



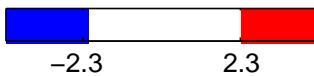
-2.3 2.3

EEG ID: 989641
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Gender: Male
Montage: Laplacian
Eyes Closed

Z-scored Amplitude Asymmetry

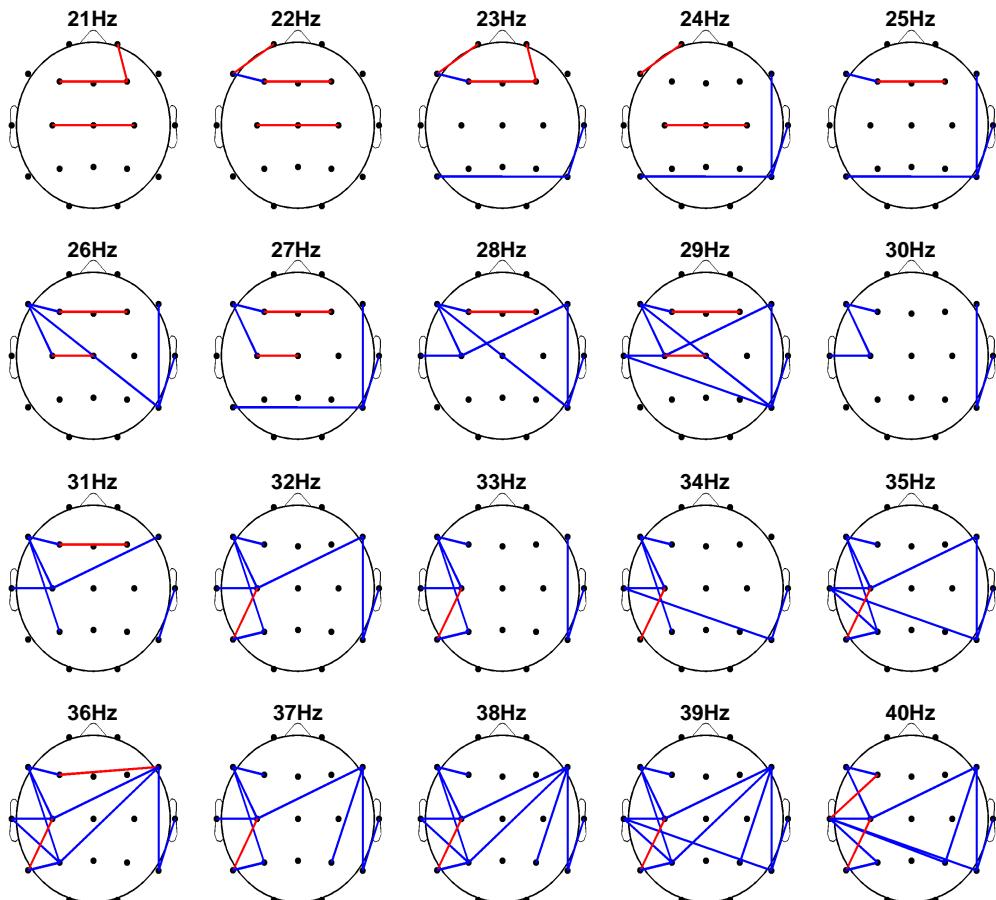


Color Legend (z-scores)

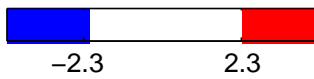


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Montage: Laplacian
Eyes Closed

Z-scored Amplitude Asymmetry



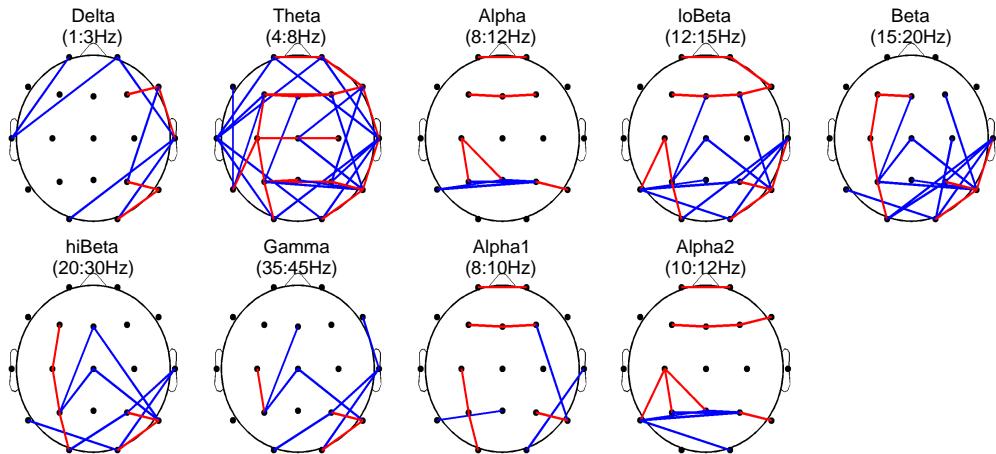
Color Legend (z-scores)



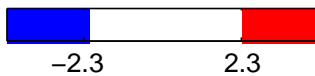
-2.3 2.3

EEG ID: 989641
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Eyes Closed

Z-scored Phase Lag

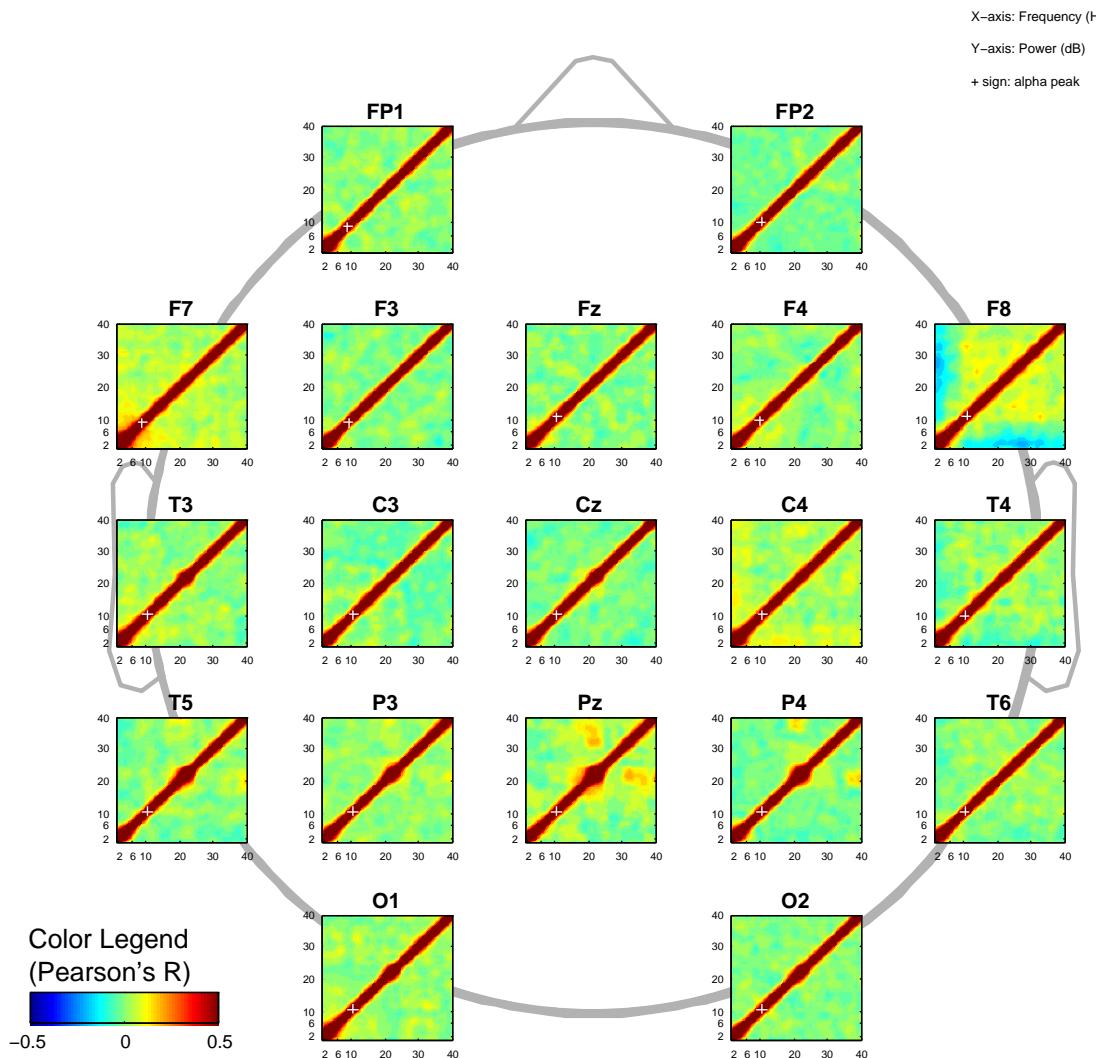


Color Legend (z-scores)



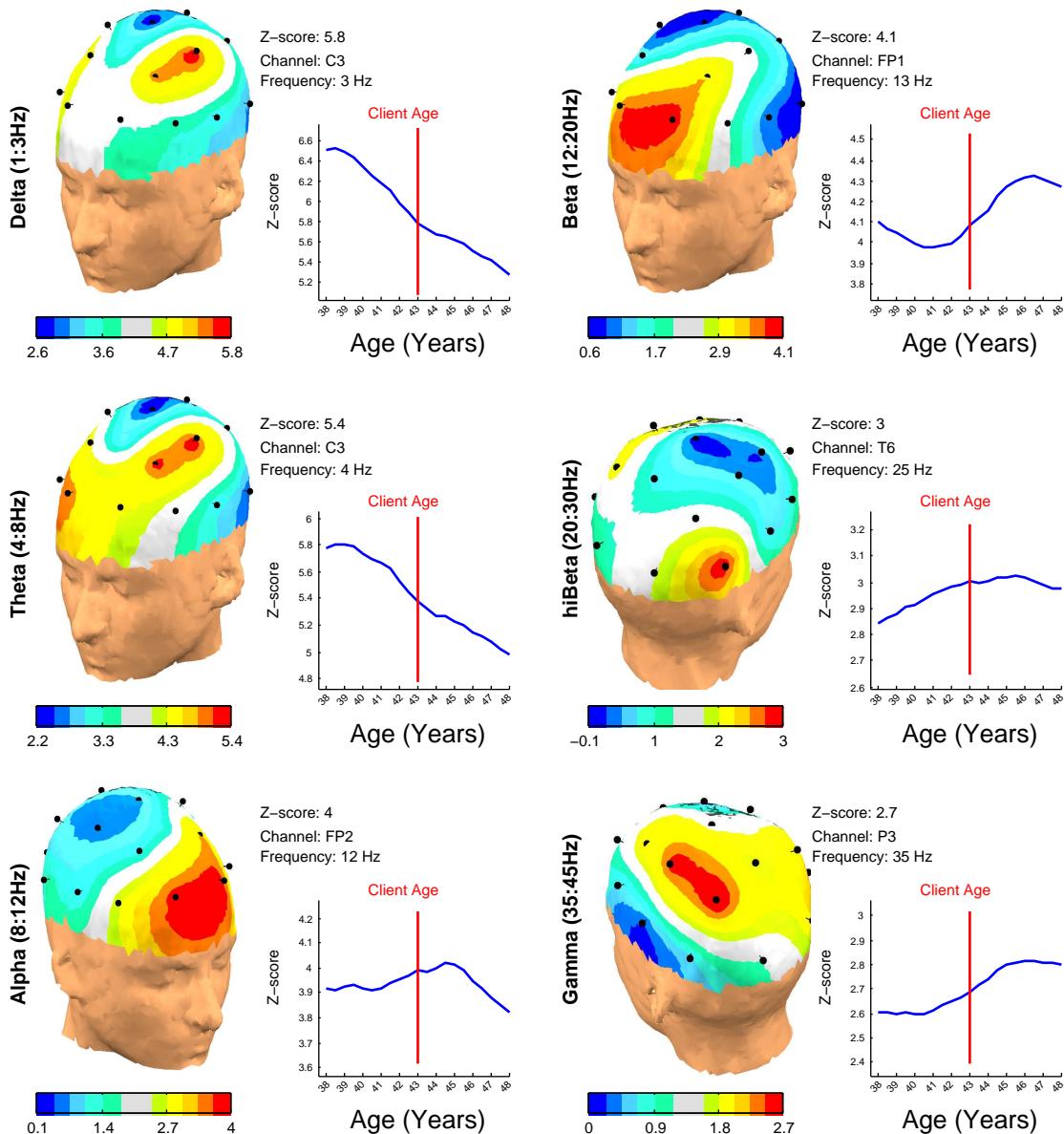
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Montage: Laplacian
Eyes Closed

Comodulation



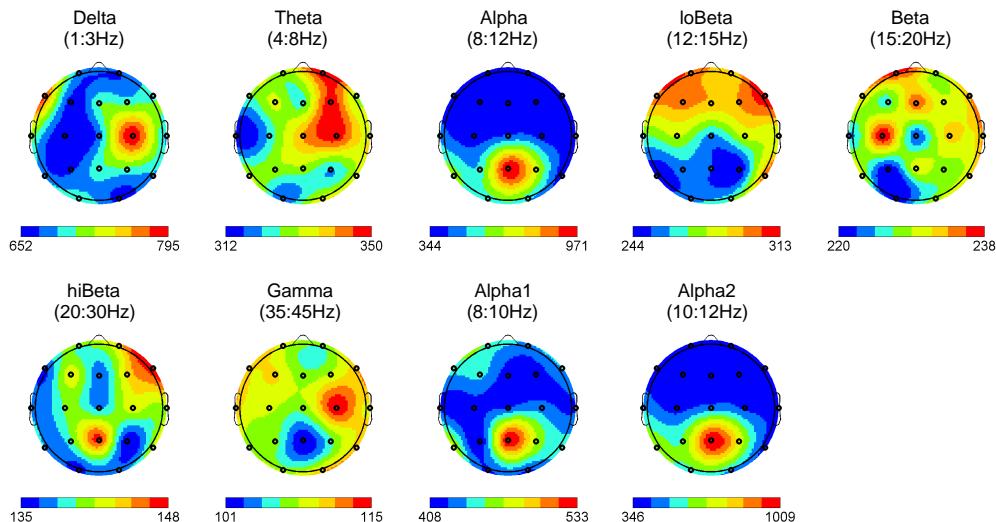
EEG ID: 989641
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Age: 43.0
Gender: Male
Montage: Laplacian
Eyes Closed

Extreme z-score development



EEG ID: 989641
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Eyes Closed

Fluctuation Time



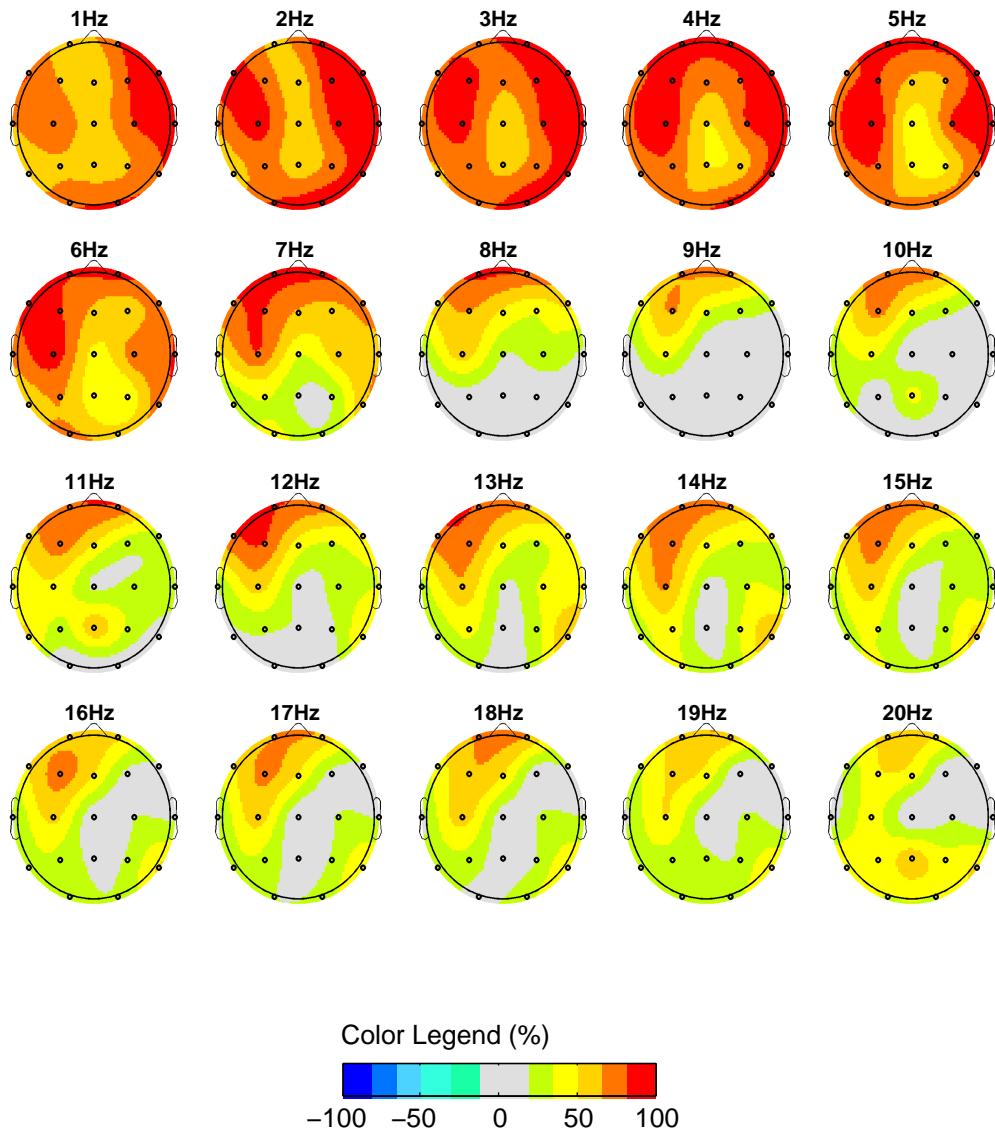
Fluctuation Time (Ms)



(adaptive)

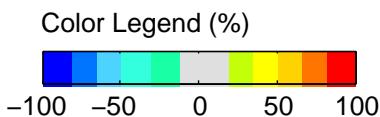
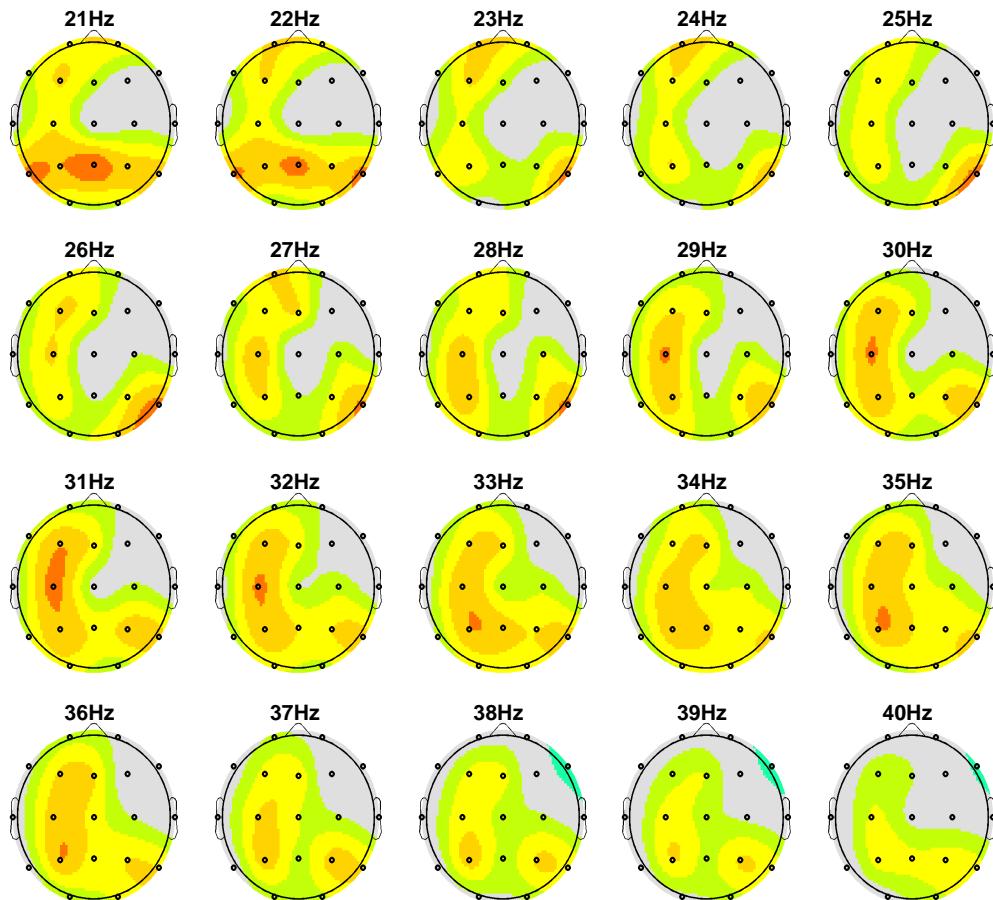
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Age: 43.0
Gender: Male
Montage: Laplacian
Eyes Closed

Percentage Deviant Activity



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

Percentage Deviant Activity



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

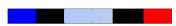
Tables: Amplitude

Absolute Power (μV^2)

Ch	Delta	Z-Delta	Theta	Z-Theta	Alpha	Z-Alpha	Beta	Z-Beta	hiBeta	Z-hiBeta
FP1	1966.9	3.3	582.7	4.9	272.7	3.2	151.3	3.2	150.5	1.9
FP2	1933.5	3.5	642.6	5.3	280.2	3.2	136.4	3.0	137.5	1.7
F7	1609.6	3.8	400.1	4.2	166.6	1.5	85.3	1.5	90.7	0.6
F3	977.1	4.3	562.0	5.2	304.4	3.2	194.2	2.9	206.6	2.2
Fz	383.5	3.3	173.8	2.7	88.3	1.4	38.8	1.5	44.4	1.2
F4	918.7	4.3	257.1	3.8	101.5	1.4	53.9	0.8	60.0	0.3
F8	4262.3	5.1	652.1	5.2	237.2	1.9	122.2	1.9	117.2	0.8
T3	837.7	3.6	290.5	3.2	280.8	0.9	105.9	0.6	130.6	0.3
C3	955.4	5.1	543.8	5.3	330.5	2.1	200.3	2.5	224.8	2.3
Cz	241.7	3.2	137.9	2.2	105.7	0.6	39.1	0.5	46.4	0.1
C4	467.0	4.4	172.5	3.6	102.4	0.7	50.9	0.4	68.0	0.5
T4	1842.2	5.4	487.9	4.3	314.6	1.0	149.5	1.0	165.9	0.6
T5	422.0	3.3	250.0	2.6	527.2	0.9	113.2	0.9	120.6	1.0
P3	481.6	3.4	291.8	3.5	414.1	1.1	120.0	1.5	128.9	1.9
Pz	393.2	3.2	153.2	2.2	760.1	1.5	71.6	0.9	88.2	1.5
P4	397.0	3.5	171.7	2.8	469.1	1.2	83.9	1.1	99.0	1.6
T6	1932.9	5.3	978.3	3.9	603.0	0.8	346.5	2.4	394.4	2.7
O1	658.5	3.4	275.8	2.3	338.7	0.1	123.7	0.9	145.0	1.1
O2	894.0	4.0	486.3	2.9	584.2	0.5	177.8	1.4	200.0	1.5

Font

Color Legend (z-scores)



-3 -2 -1.5 0 1.5 2 3

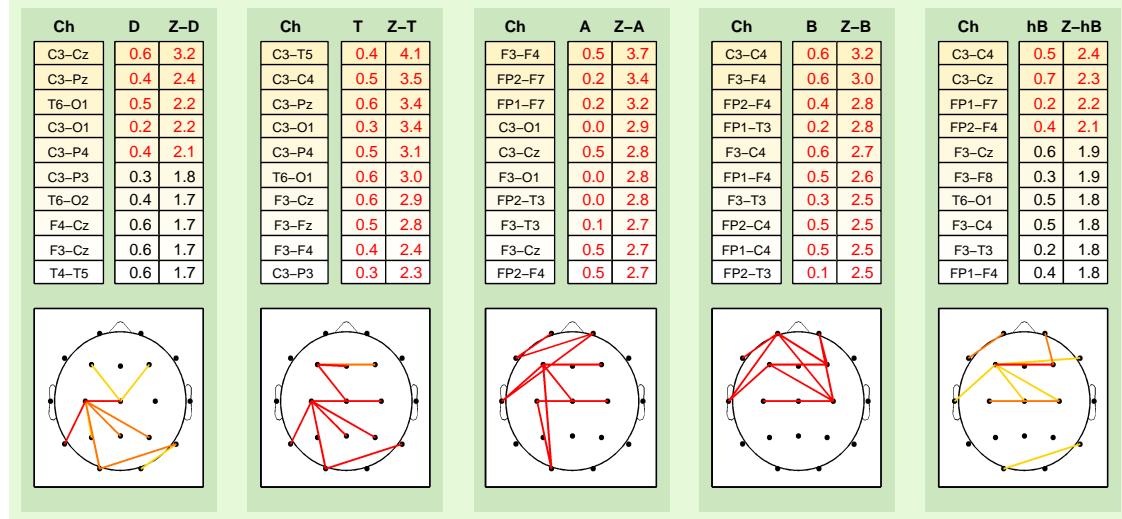
Relative Power (%)

Ch	Delta	Z-Delta	Theta	Z-Theta	Alpha	Z-Alpha	Beta	Z-Beta	hiBeta	Z-hiBeta
FP1	42.9	0.9	12.7	1.2	5.9	-0.1	3.3	-0.1	3.3	-1.1
FP2	42.3	0.8	14.1	1.6	6.1	0.0	3.0	-0.3	3.0	-1.3
F7	46.7	1.9	11.6	1.1	4.8	-1.3	2.5	-2.0	2.6	-2.5
F3	28.7	1.1	16.5	1.6	8.9	-0.1	5.7	-0.3	6.1	-1.3
Fz	35.4	1.6	16.0	0.9	8.1	-0.7	3.6	-0.9	4.1	-1.3
F4	45.5	1.9	12.7	0.9	5.0	-1.3	2.7	-2.5	3.0	-2.8
F8	56.4	2.1	8.6	0.3	3.1	-2.0	1.6	-3.1	1.6	-3.5
T3	33.6	2.1	11.7	1.7	11.3	-0.3	4.3	-1.5	5.2	-1.3
C3	27.8	2.0	15.8	2.5	9.6	-0.6	5.8	-1.2	6.5	-1.9
Cz	28.5	2.1	16.3	1.5	12.5	-0.4	4.6	-0.8	5.5	-1.3
C4	36.2	2.8	13.4	2.1	7.9	-1.0	3.9	-2.3	5.3	-2.1
T4	42.6	2.2	11.3	1.5	7.3	-1.0	3.5	-2.0	3.8	-1.9
T5	19.4	2.1	11.5	1.8	24.3	0.0	5.2	-0.9	5.6	-0.5
P3	22.1	1.7	13.4	2.2	19.0	-0.4	5.5	-0.8	5.9	-0.5
Pz	17.9	1.3	7.0	0.5	34.7	0.5	3.3	-1.5	4.0	-0.8
P4	21.6	1.7	9.3	1.5	25.5	0.0	4.6	-1.2	5.4	-0.6
T6	29.9	2.6	15.1	2.3	9.3	-1.9	5.4	-0.5	6.1	-0.1
O1	28.7	2.4	12.0	1.9	14.8	-1.2	5.4	-0.0	6.3	0.1
O2	25.3	2.1	13.8	2.1	16.5	-1.1	5.0	-0.1	5.7	-0.0

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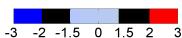
Tables: Amplitude Asymmetry

Top 10 Z-scores



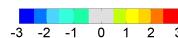
Font

Color Legend (z-scores)

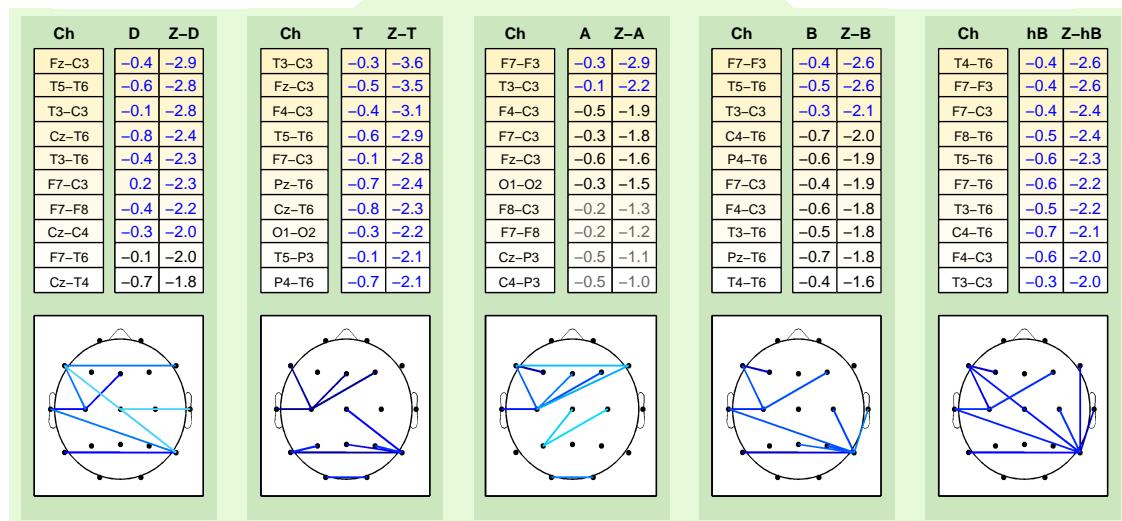


Headplot

Color Legend (z-scores)



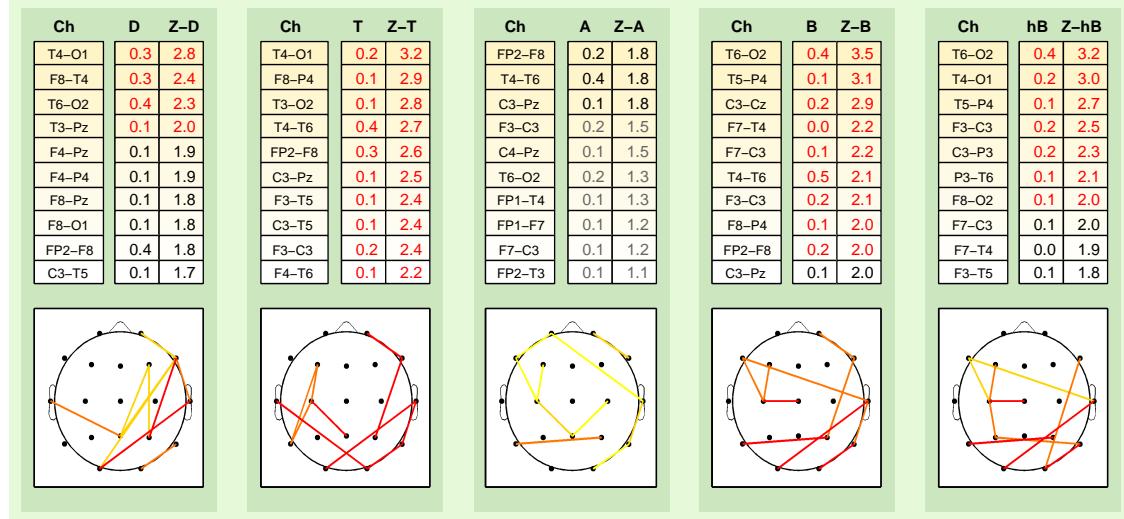
Bottom 10 Z-scores



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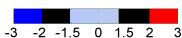
Tables: Phase Coherence

Top 10 Z-scores



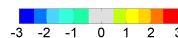
Font

Color Legend (z-scores)

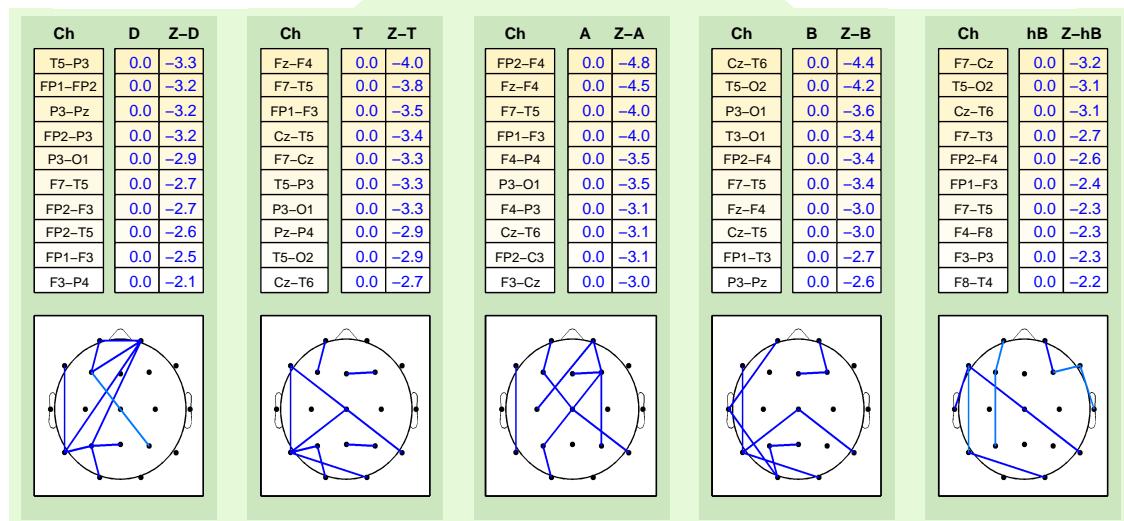


Headplot

Color Legend (z-scores)



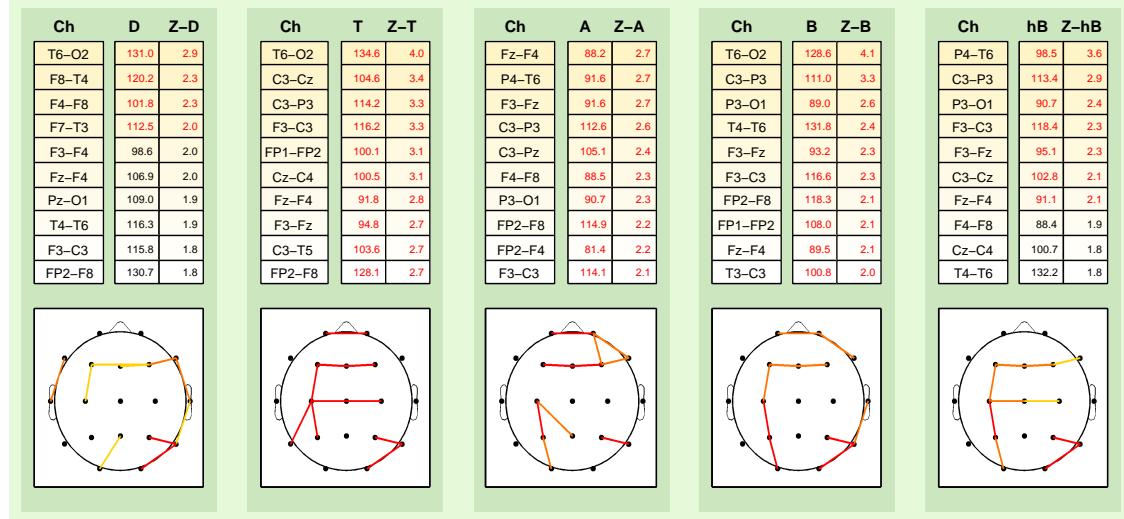
Bottom 10 Z-scores



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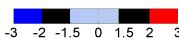
Tables: Phase Lag

Top 10 Z-scores



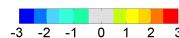
Font

Color Legend (z-scores)



Headplot

Color Legend (z-scores)



Bottom 10 Z-scores

