

Subject Information

Name:	JAn, Joan
Subject ID:	017
Date of Birth:	07/21/1947
Age:	65.22
Gender:	Female
Handedness:	Right
EEG ID:	017
Date of Test:	10/11/2012
Time of Test:	04:27:04
Technician:	Alison Ooms LCPC
Eyes Condition:	Eyes Open
Clinician:	James A. Kowal, Ph.D., BCN
Medication:	
Comments:	

Technical Information

Record Length: 45:56

Edit Length: 01:04

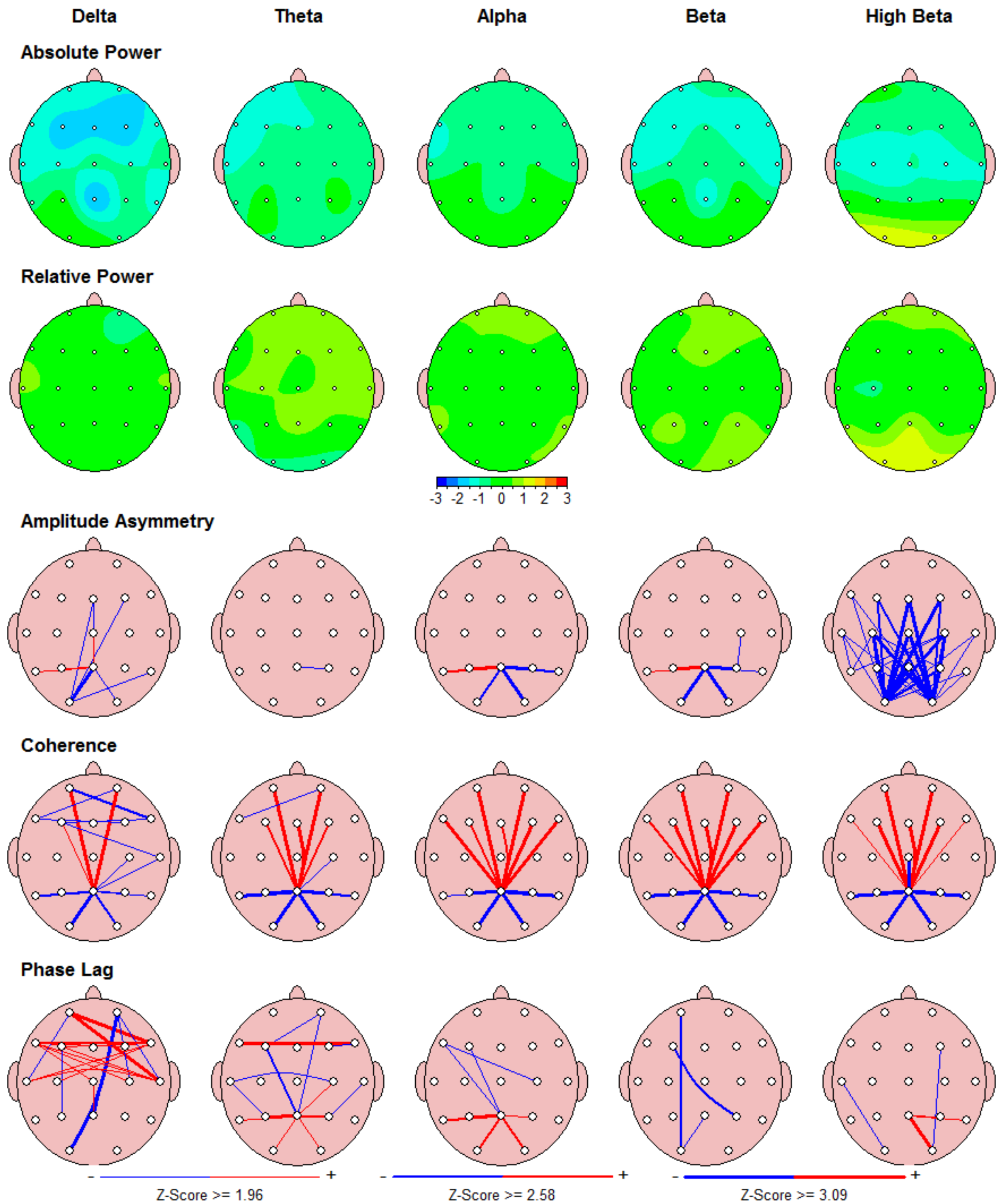
Reliability:

	Split Half	Test Retest
Average	0.97	0.95
FP1	0.97	0.99
FP2	0.99	0.96
F7	0.98	0.93
F3	1.00	0.94
Fz	0.97	0.95
F4	0.97	0.98
F8	0.97	0.91
T3	0.95	0.87
C3	0.97	0.97
Cz	0.97	0.95
C4	0.97	0.99
T4	0.99	0.89
T5	0.94	0.95
P3	0.97	1.00
Pz	1.00	0.95
P4	0.99	0.97
T6	0.96	0.93
O1	0.94	0.92
O2	0.99	0.95

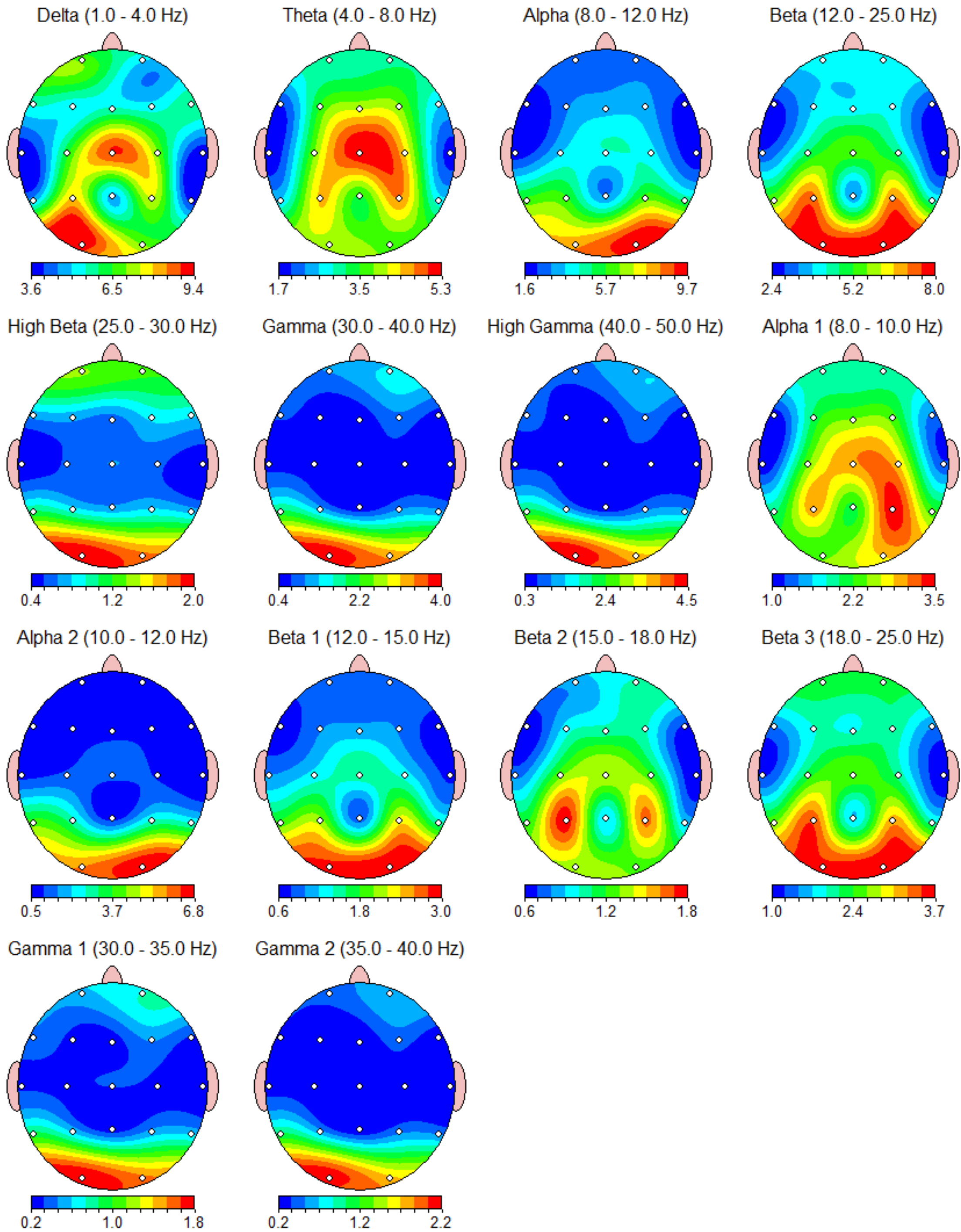
Sampling Rate: 128

Collection Hardware: Deymed

Z Scored FFT Summary Information

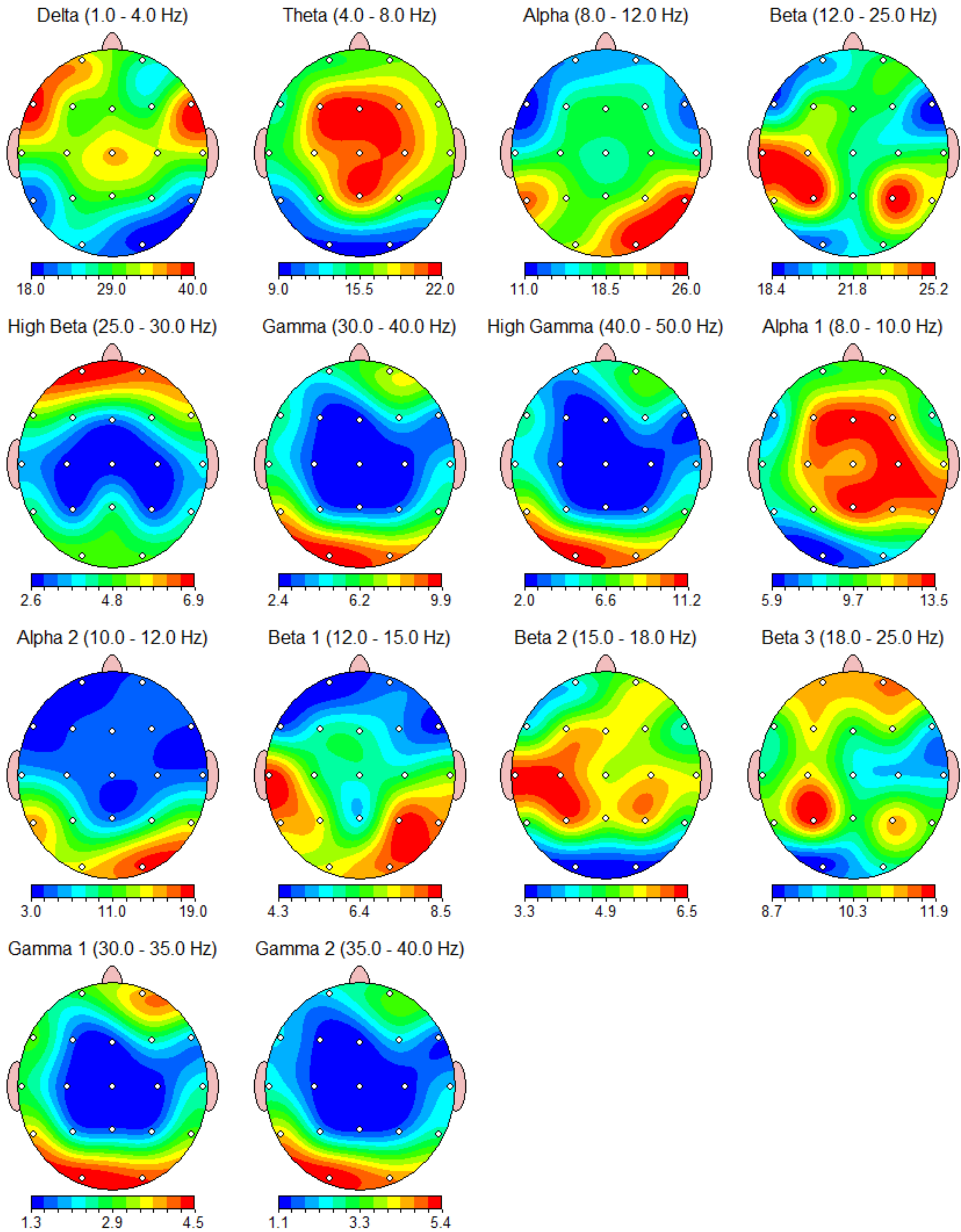


FFT Absolute Power (uV Sq)

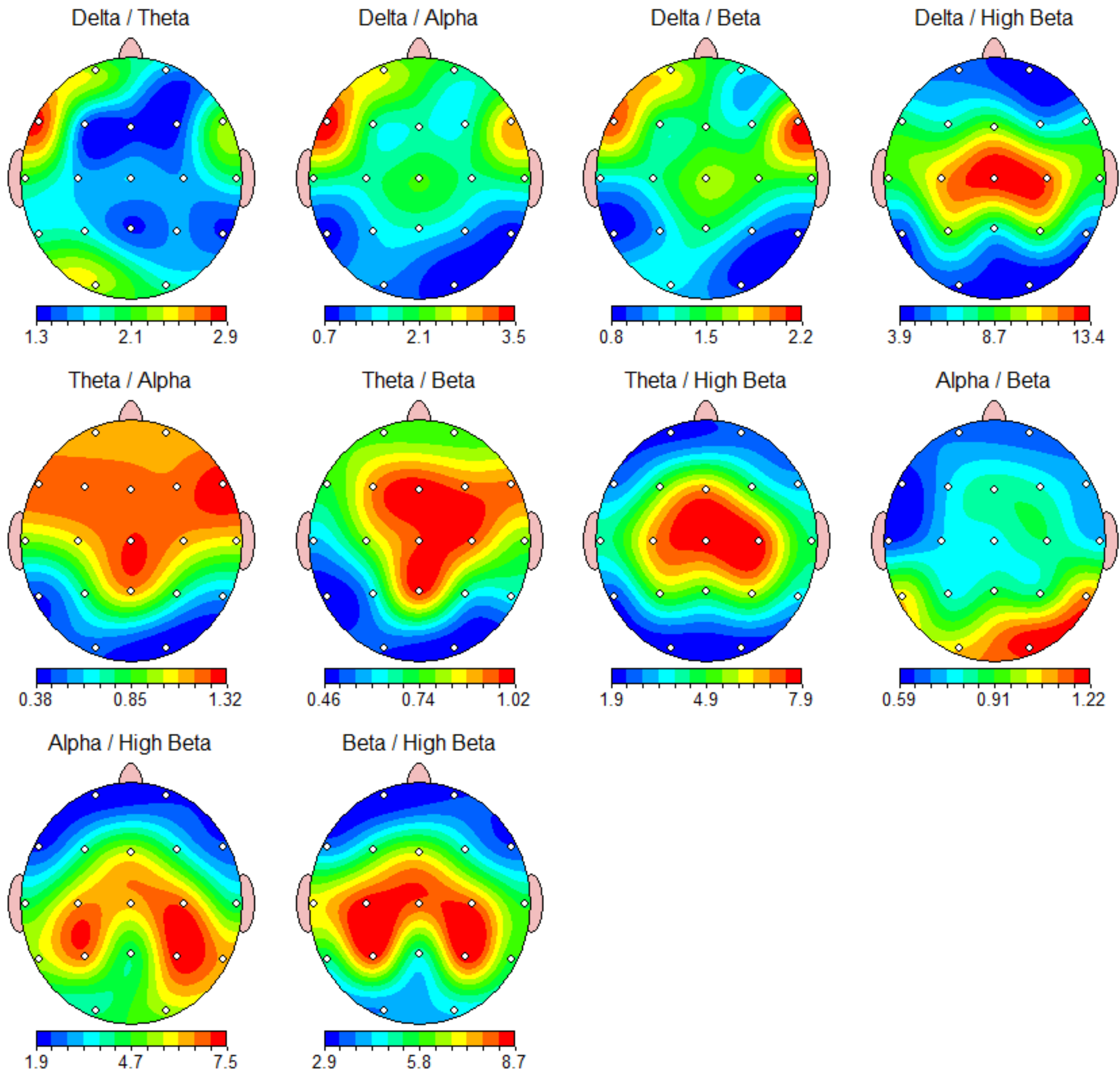


FFT Relative Power (%)

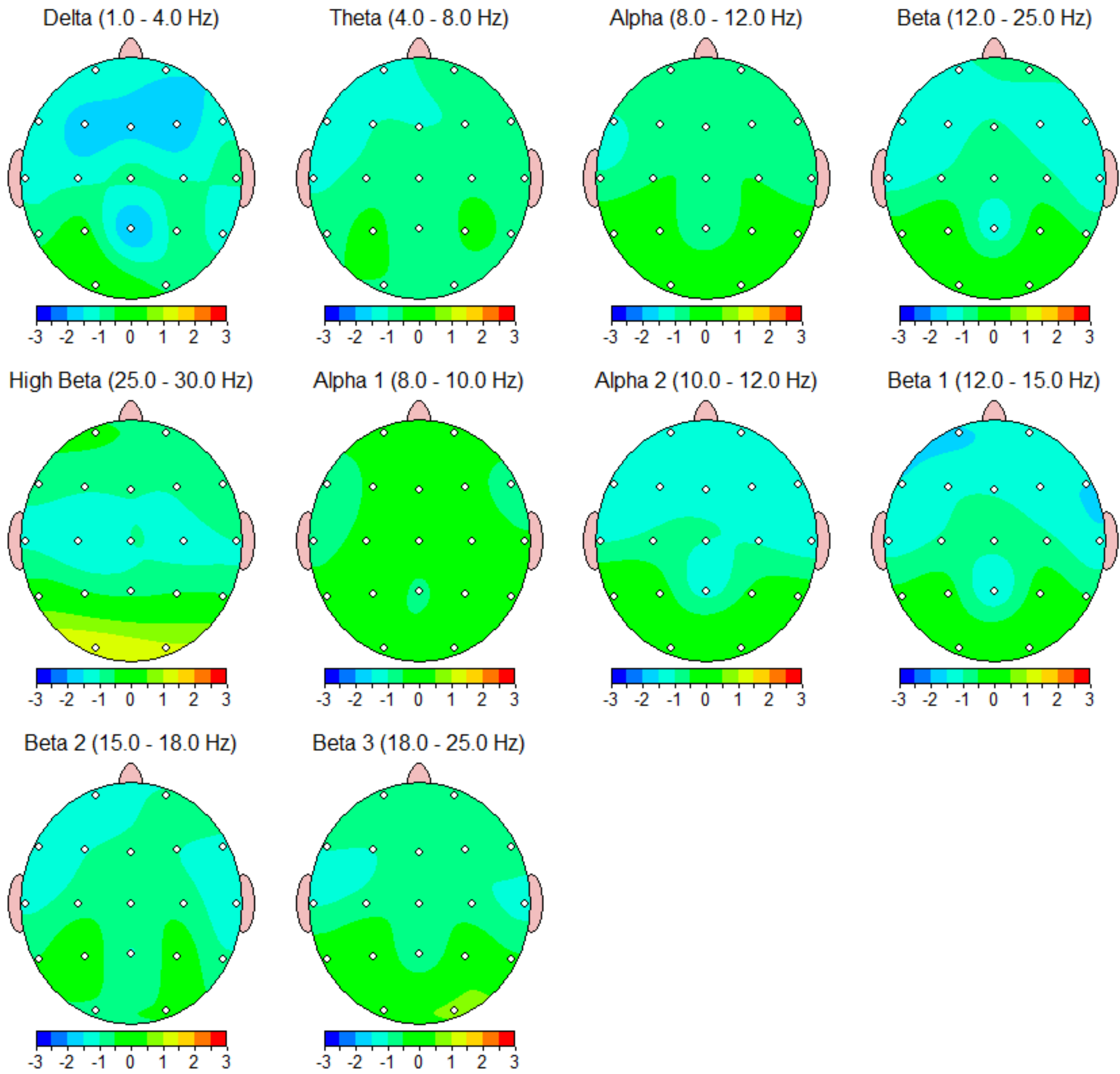
Warning: Absolute power must be consulted to interpret relative power.



FFT Power Ratio

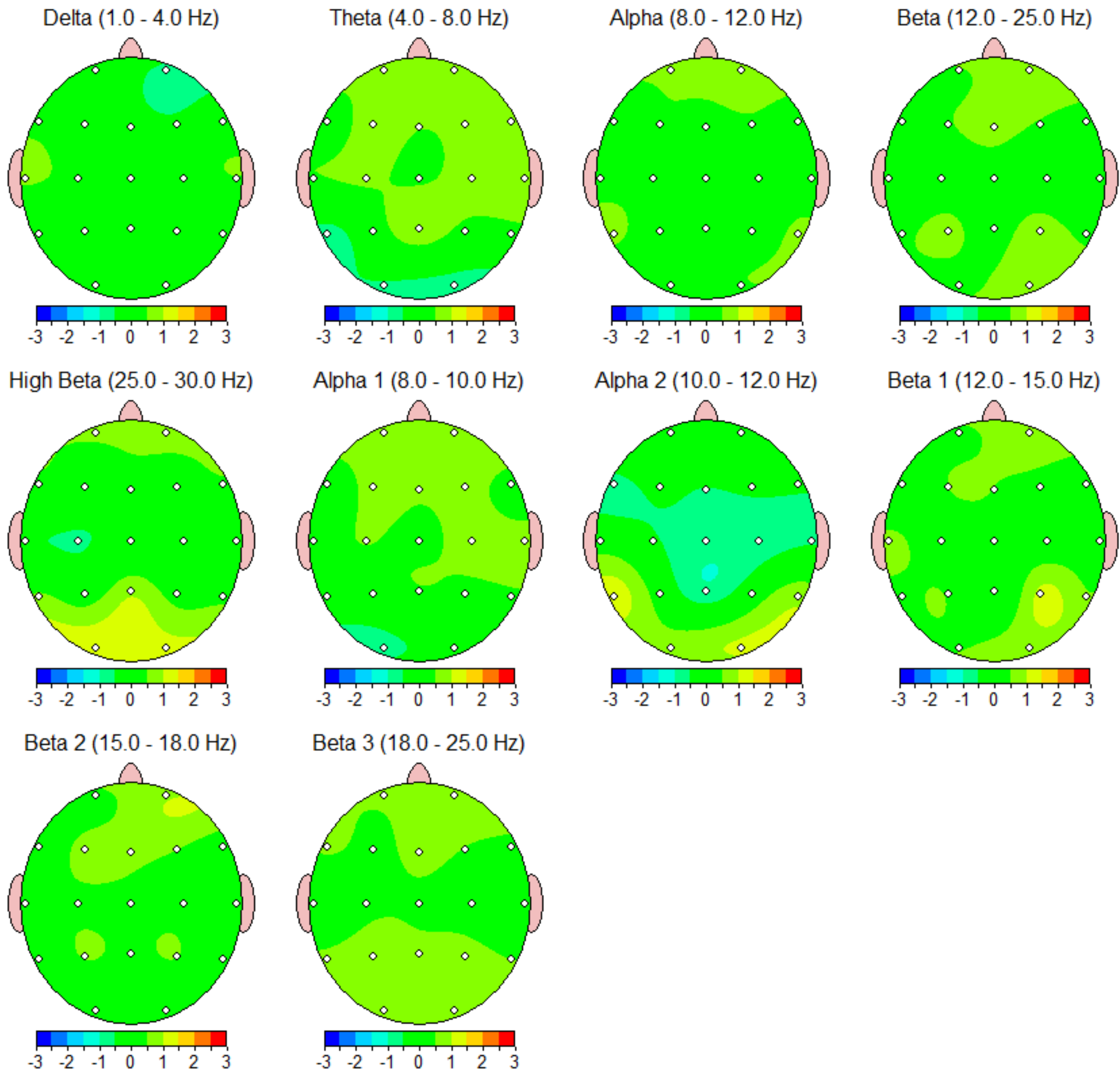


Z Scored FFT Absolute Power

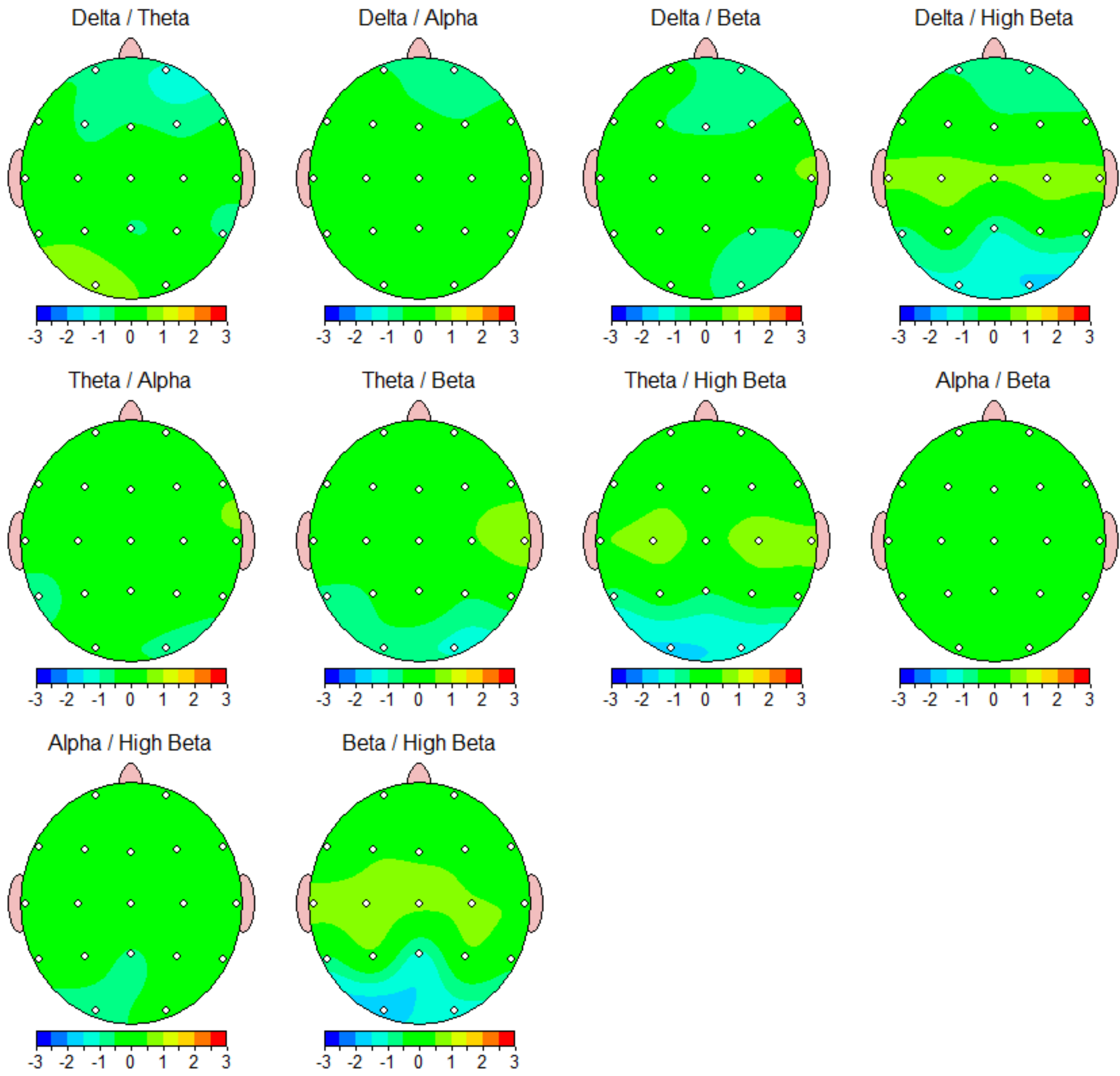


Z Scored FFT Relative Power

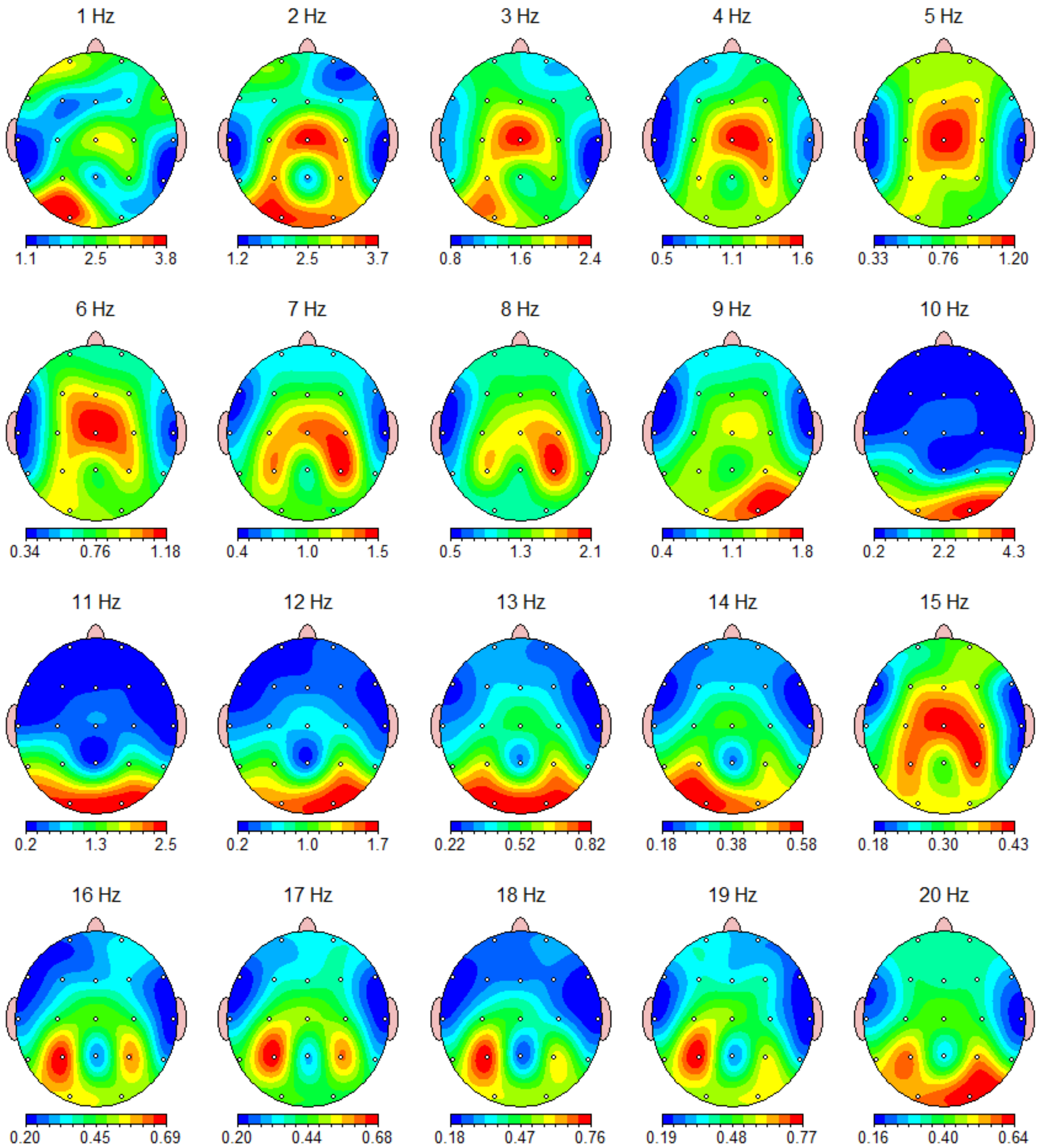
Warning: Absolute power must be consulted to interpret relative power.



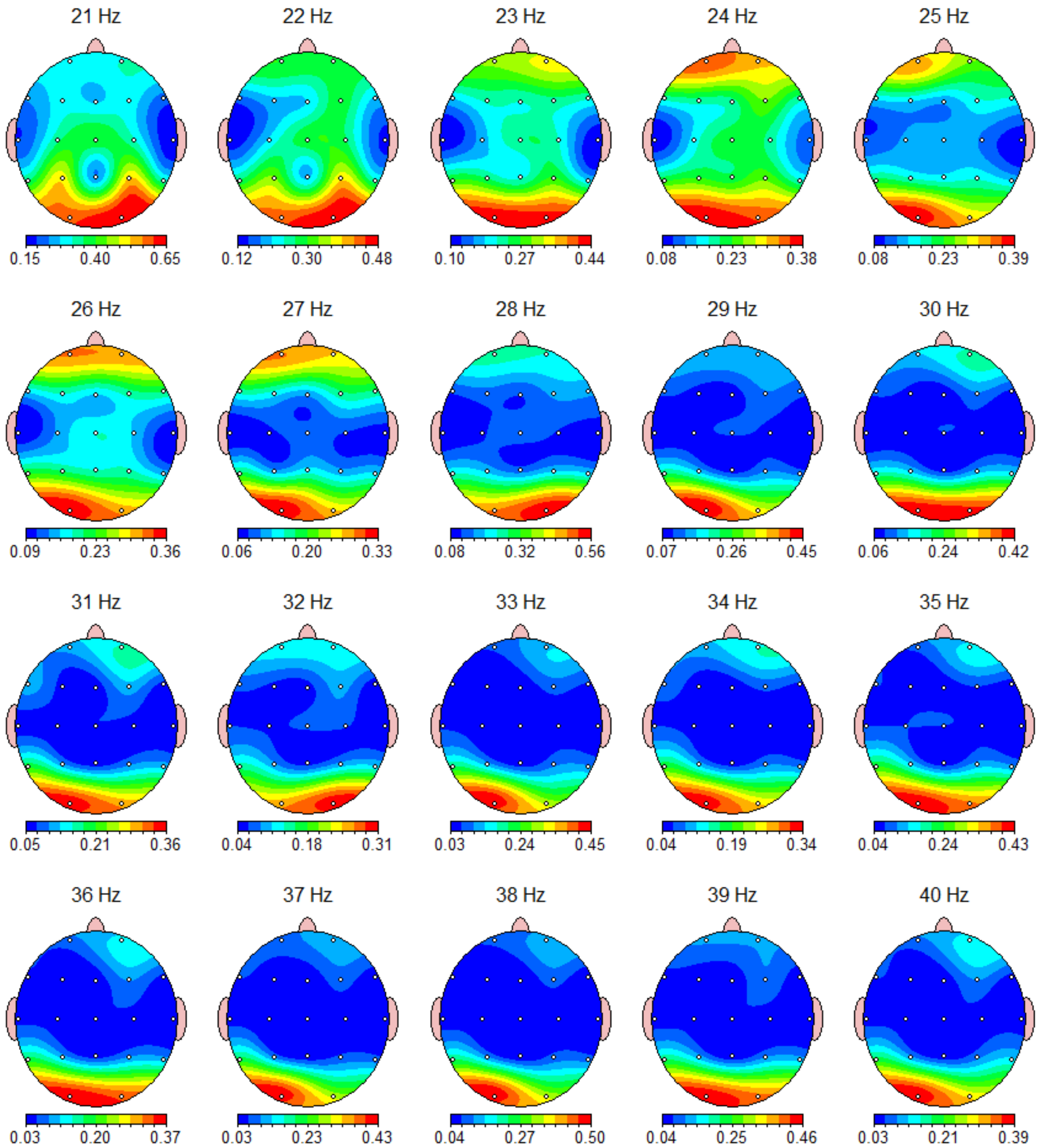
Z Scored FFT Power Ratio



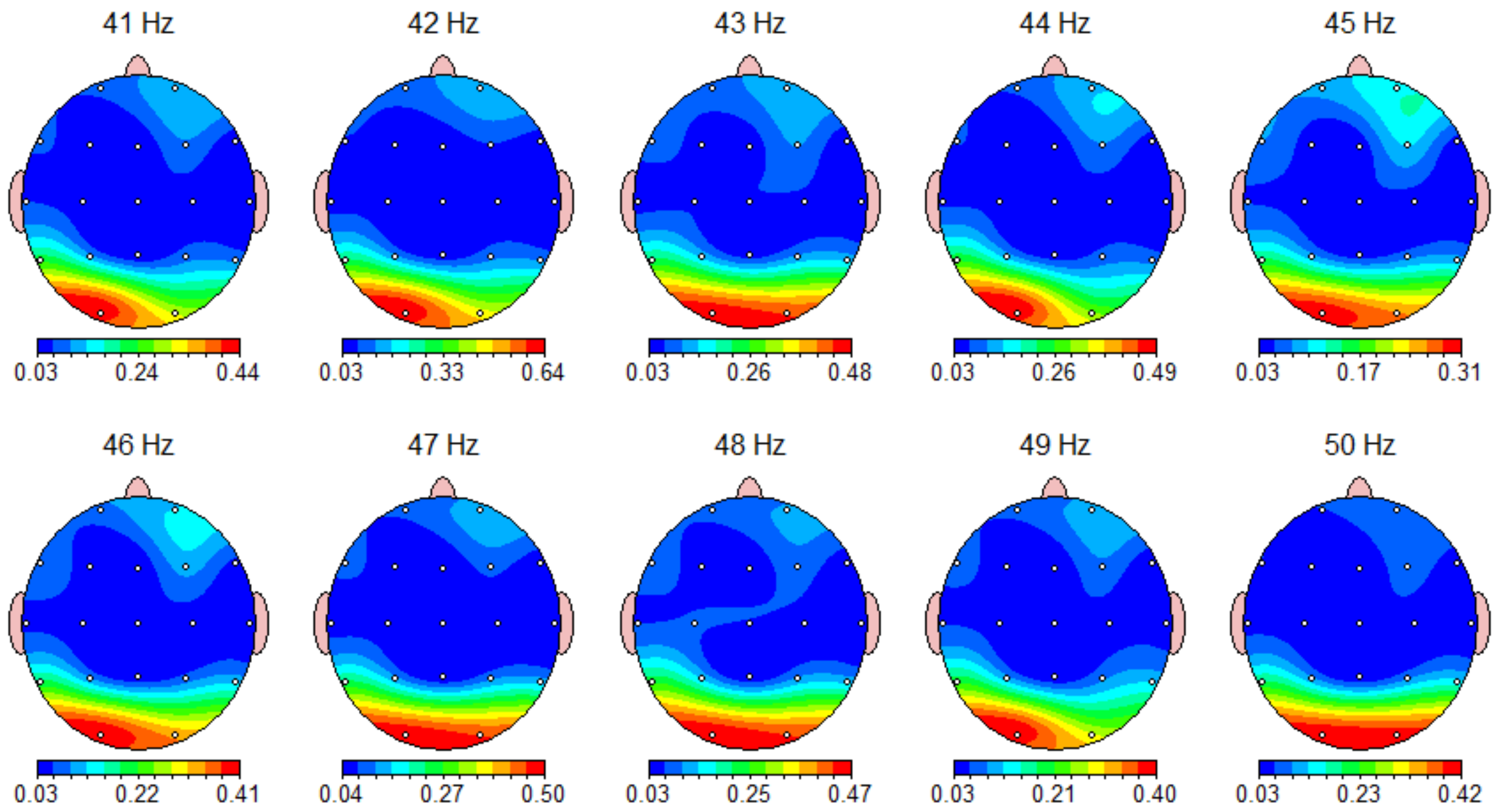
FFT Absolute Power (uV Sq)



FFT Absolute Power (uV Sq)

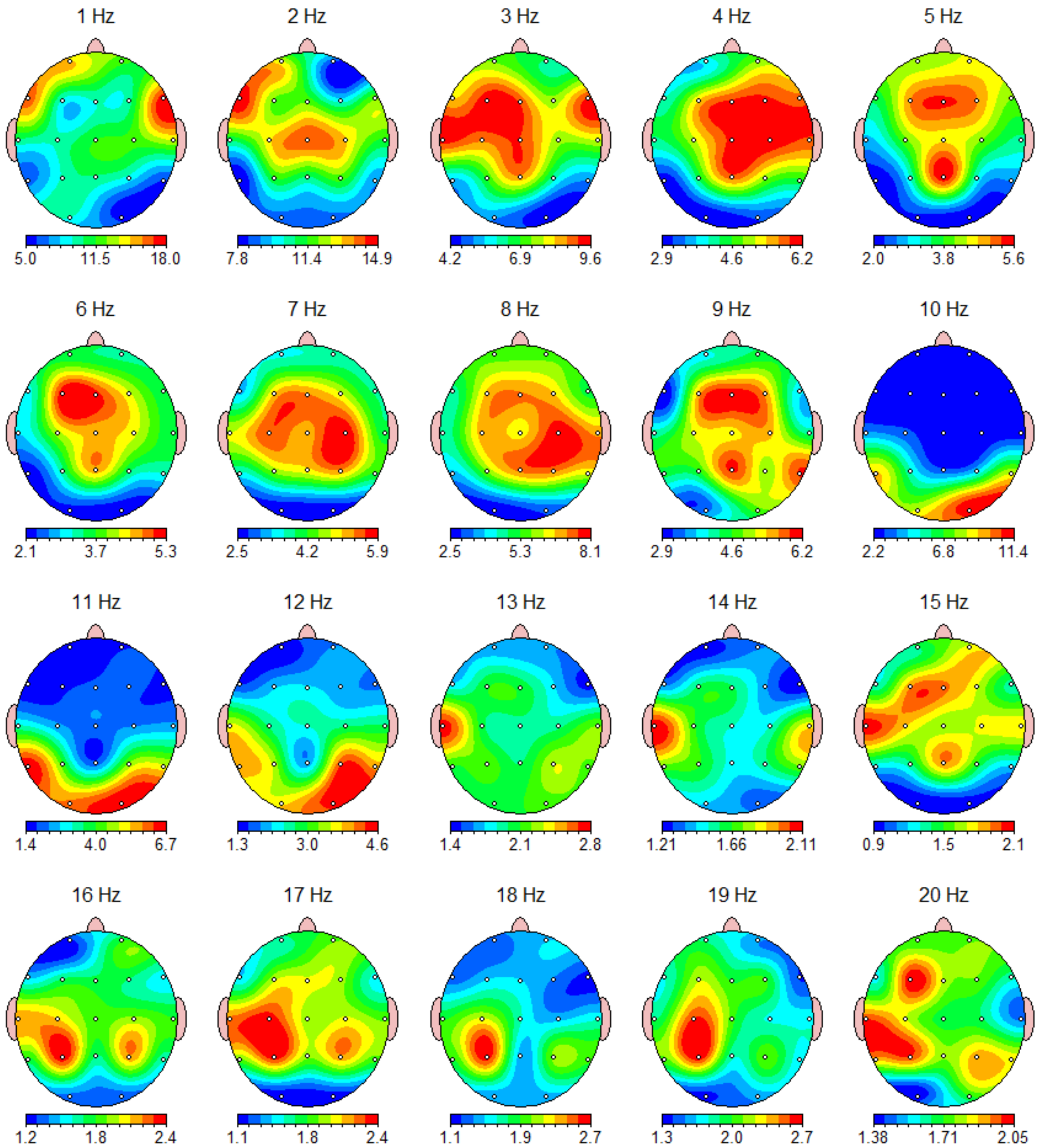


FFT Absolute Power (uV Sq)



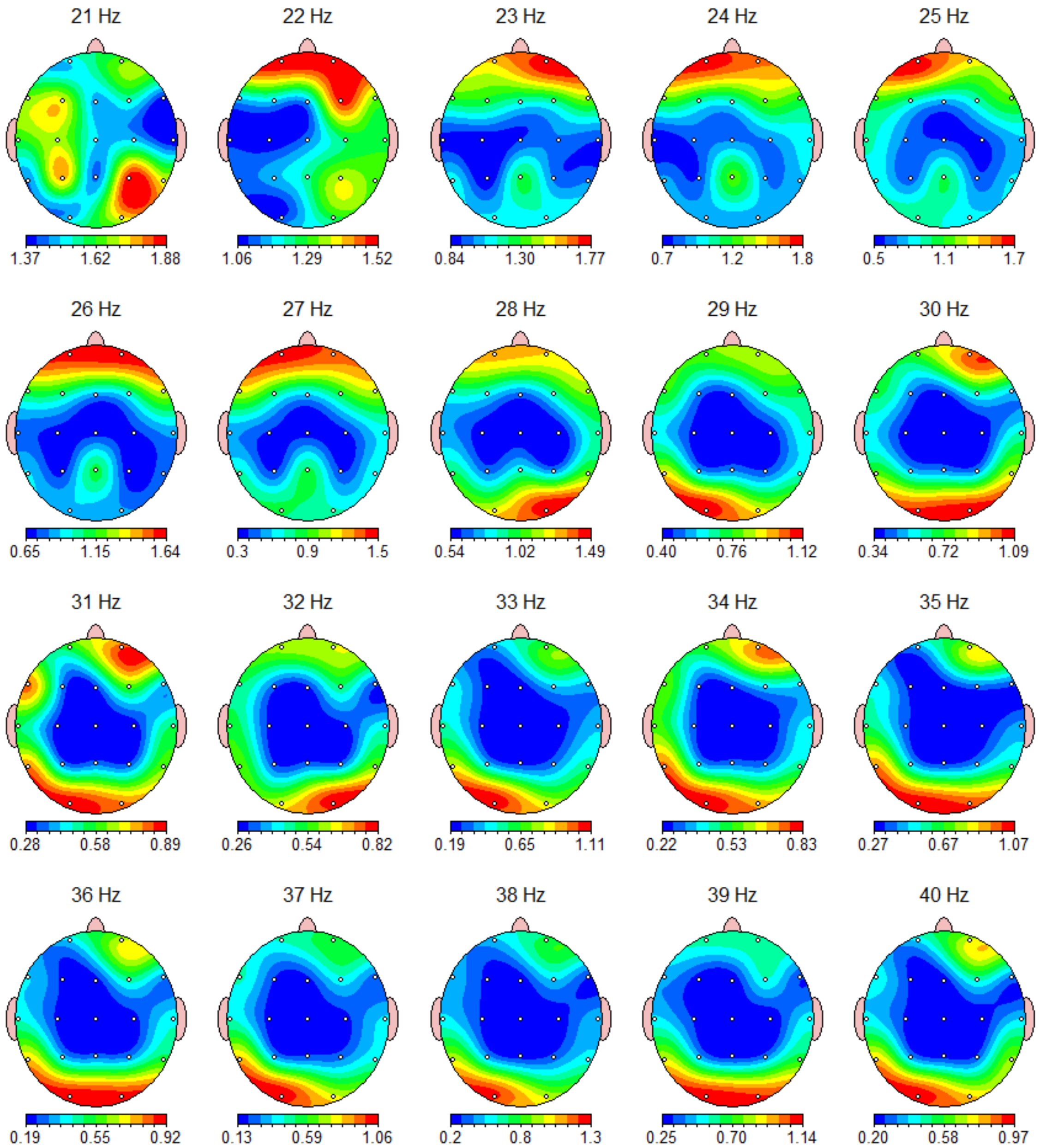
FFT Relative Power (%)

Warning: Absolute power must be consulted to interpret relative power.



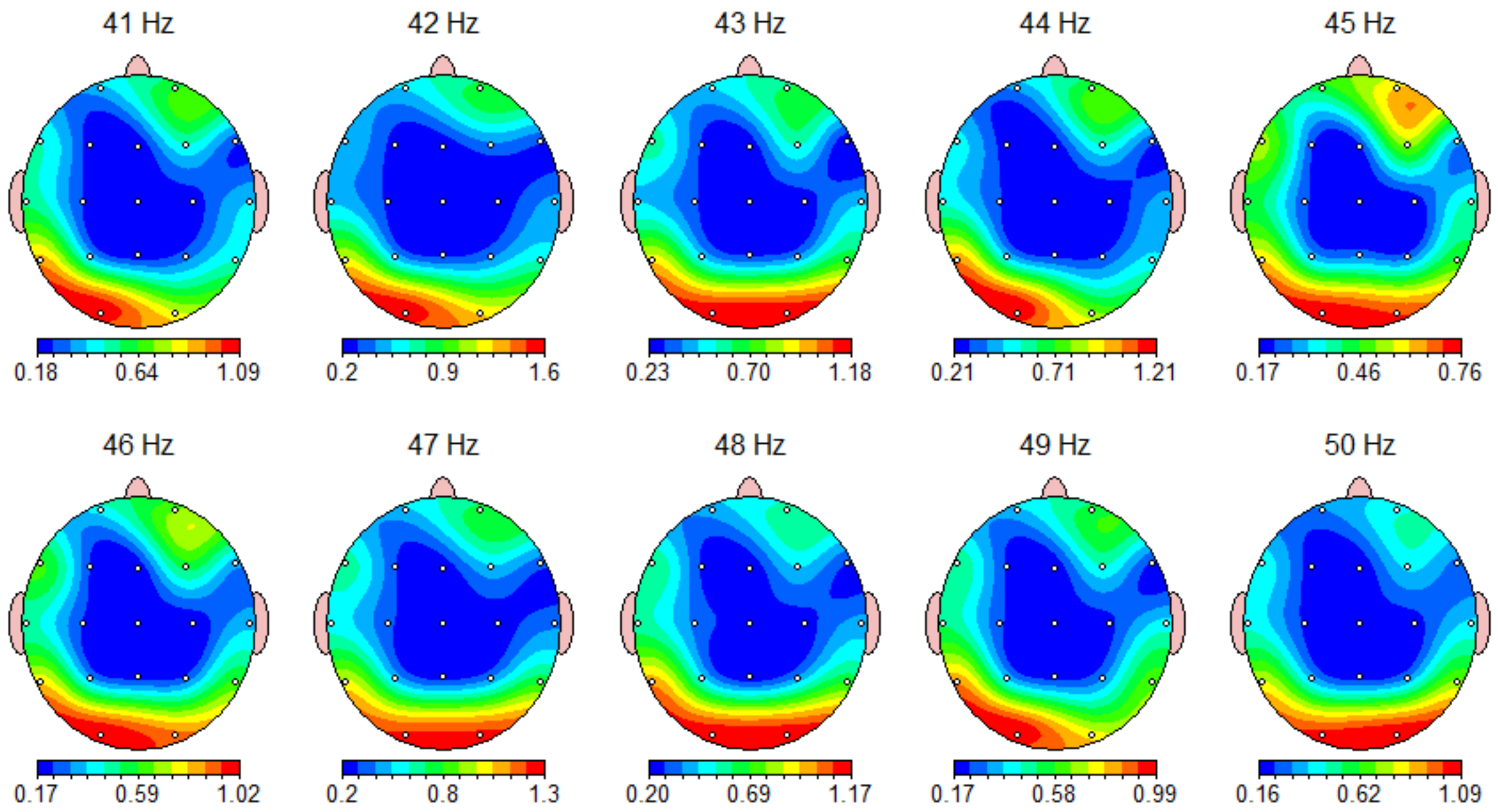
FFT Relative Power (%)

Warning: Absolute power must be consulted to interpret relative power.

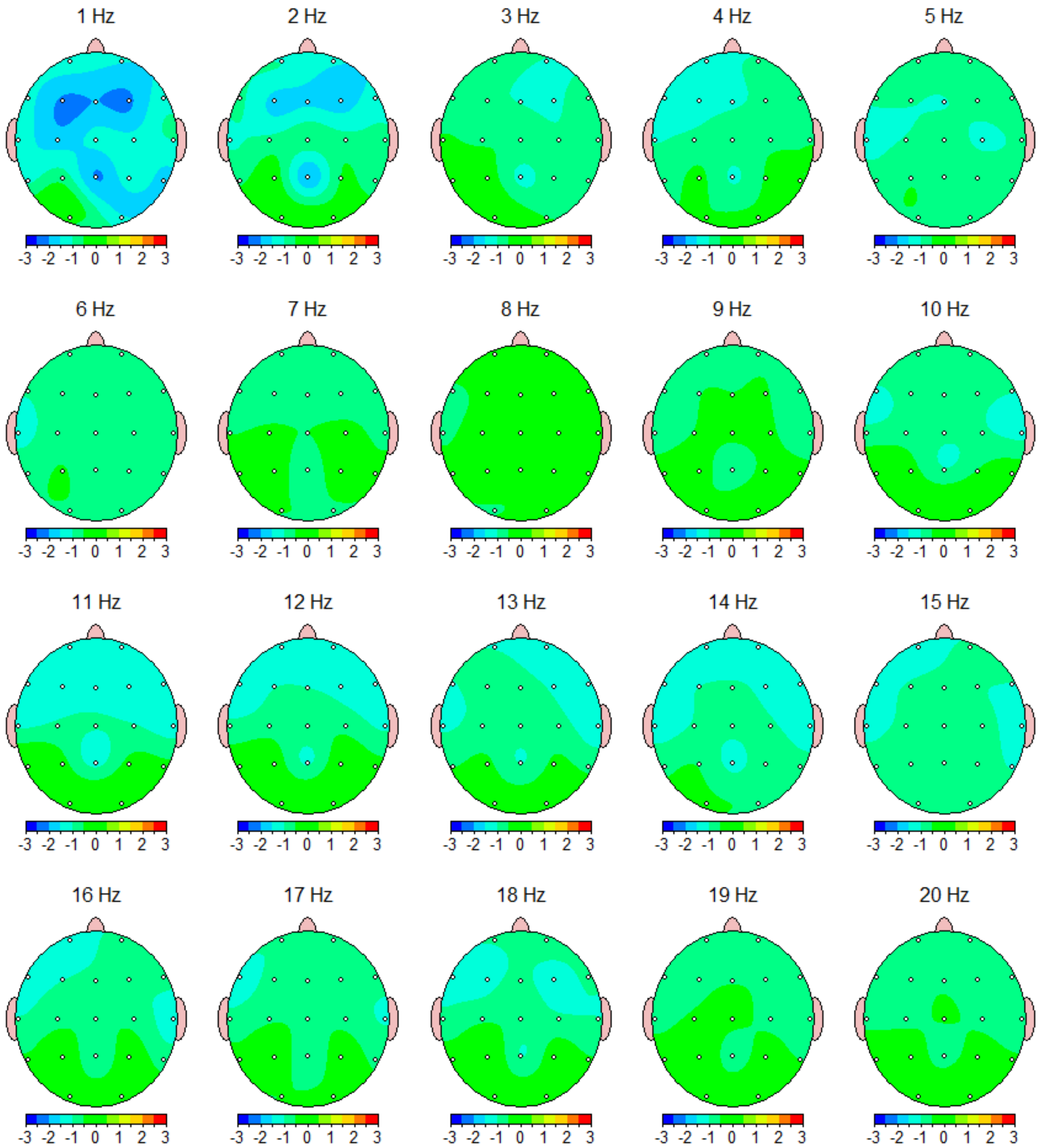


FFT Relative Power (%)

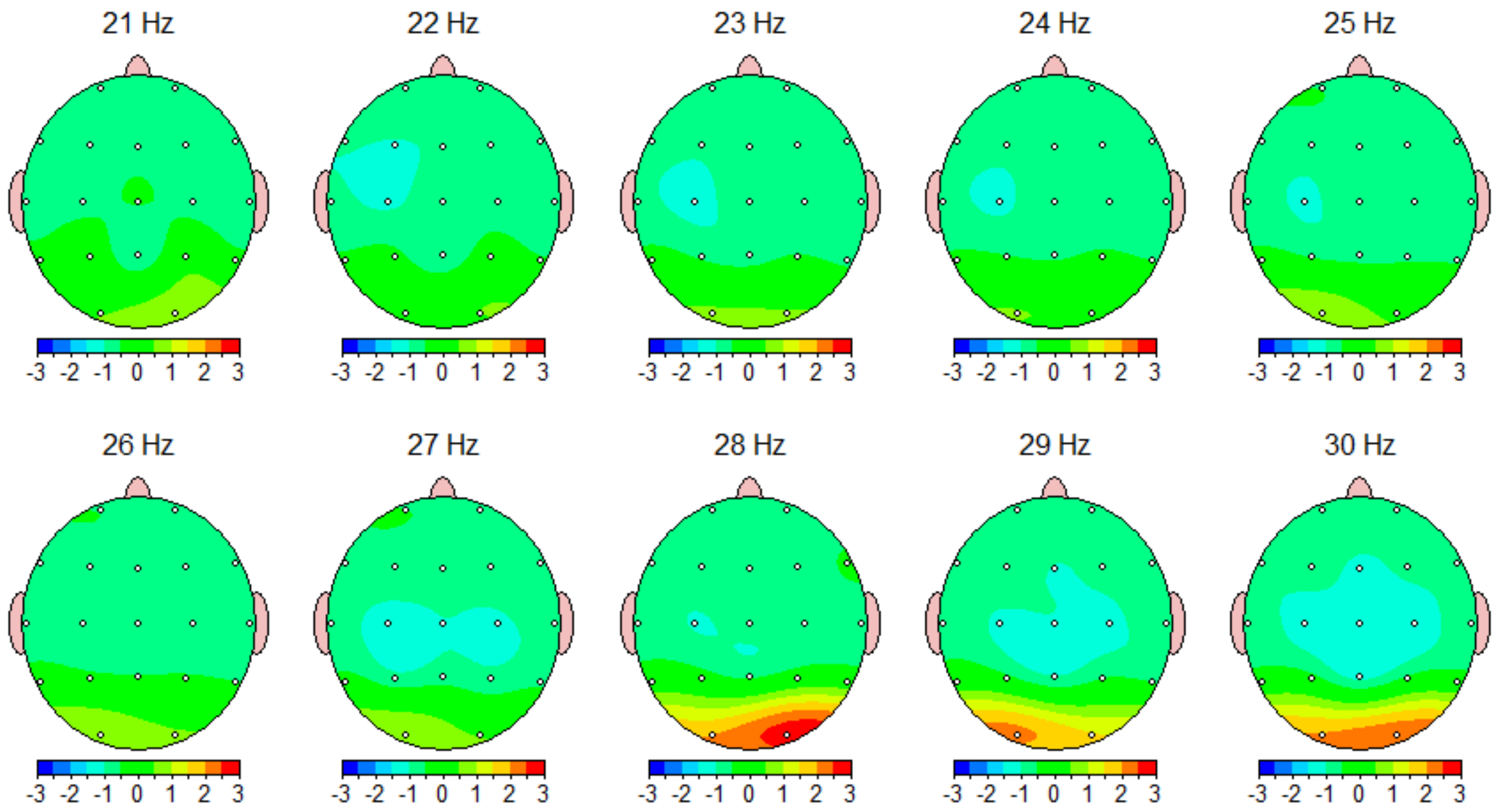
Warning: Absolute power must be consulted to interpret relative power.



Z Scored FFT Absolute Power

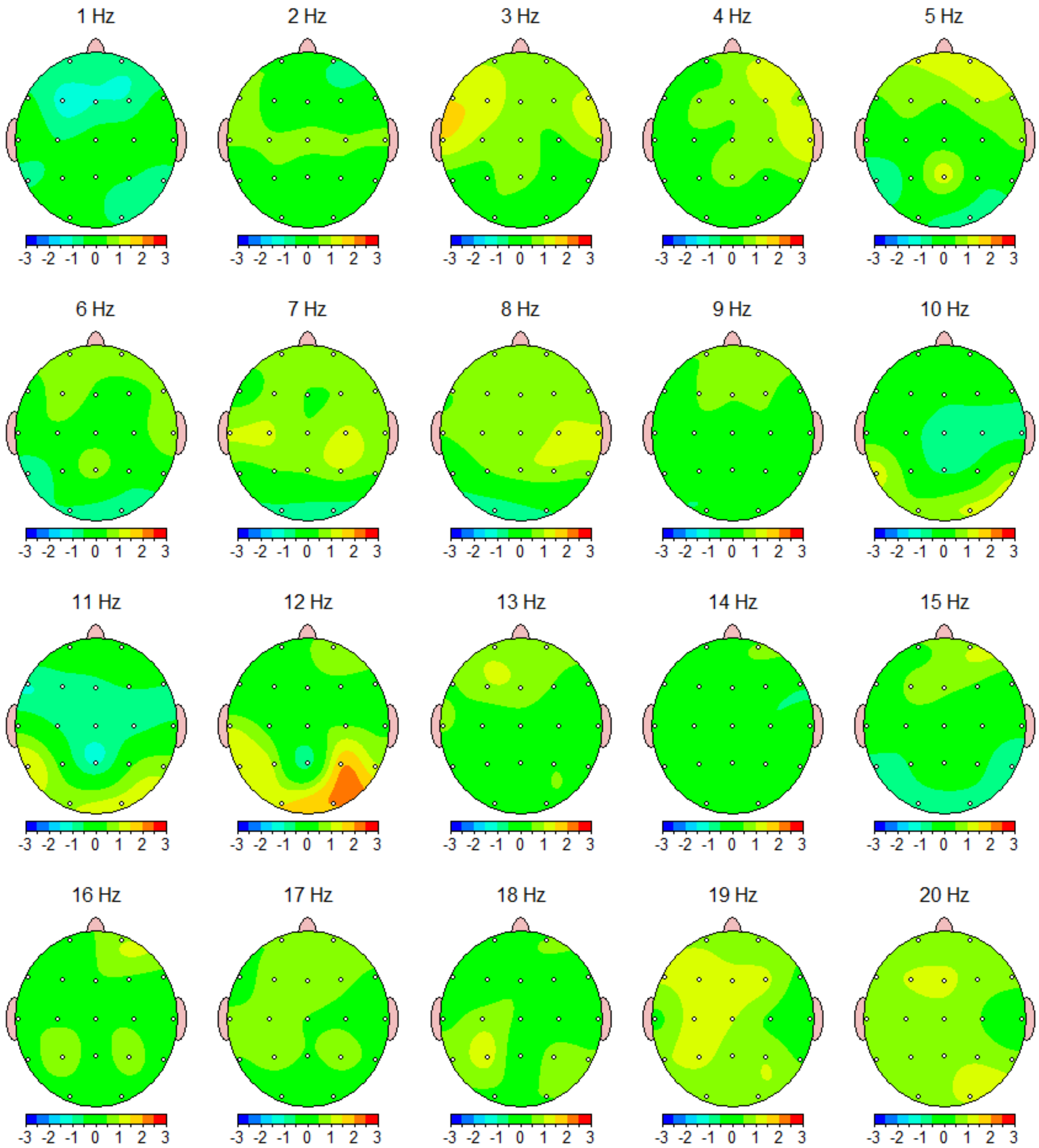


Z Scored FFT Absolute Power



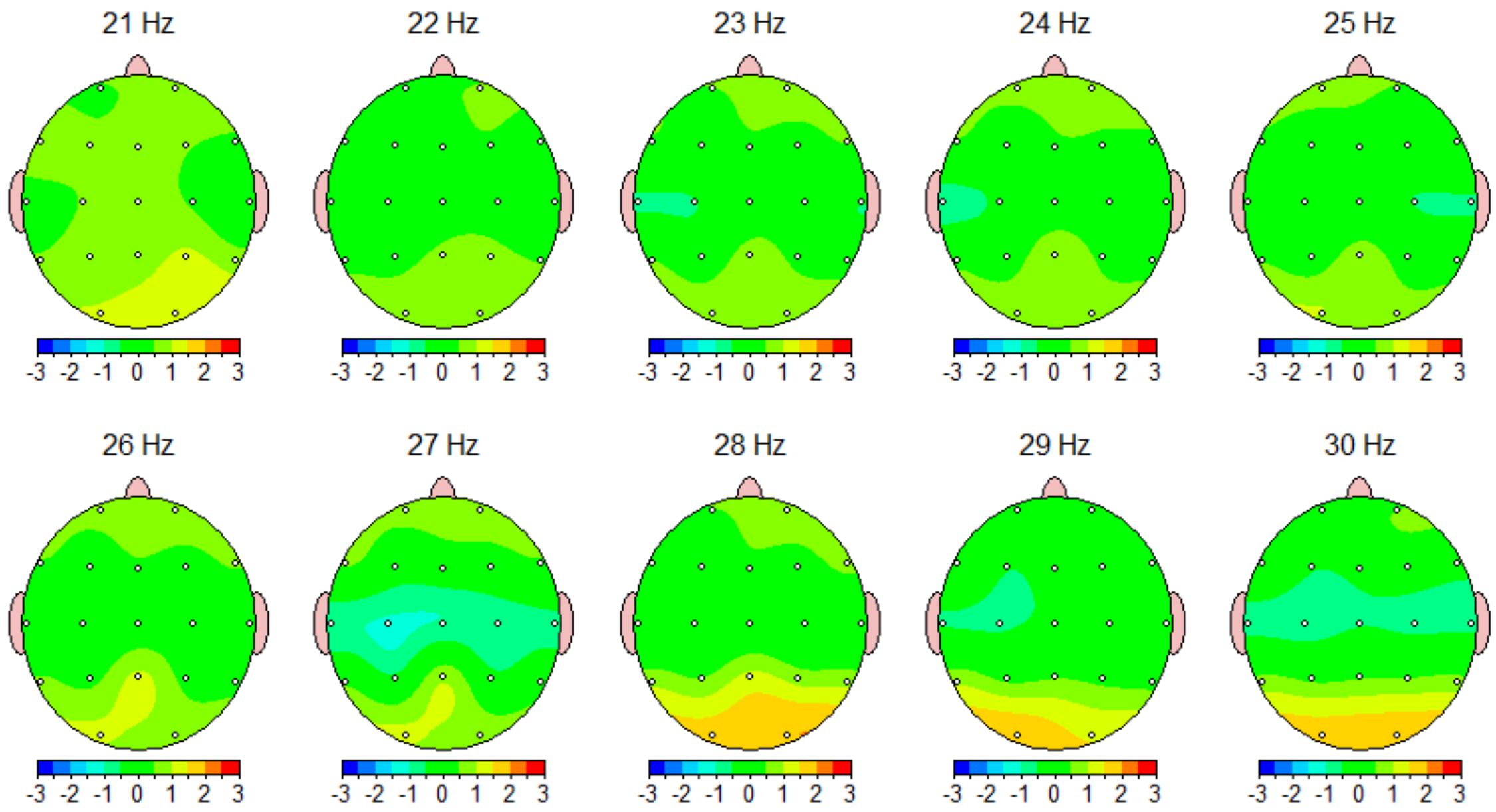
Z Scored FFT Relative Power

Warning: Absolute power must be consulted to interpret relative power.

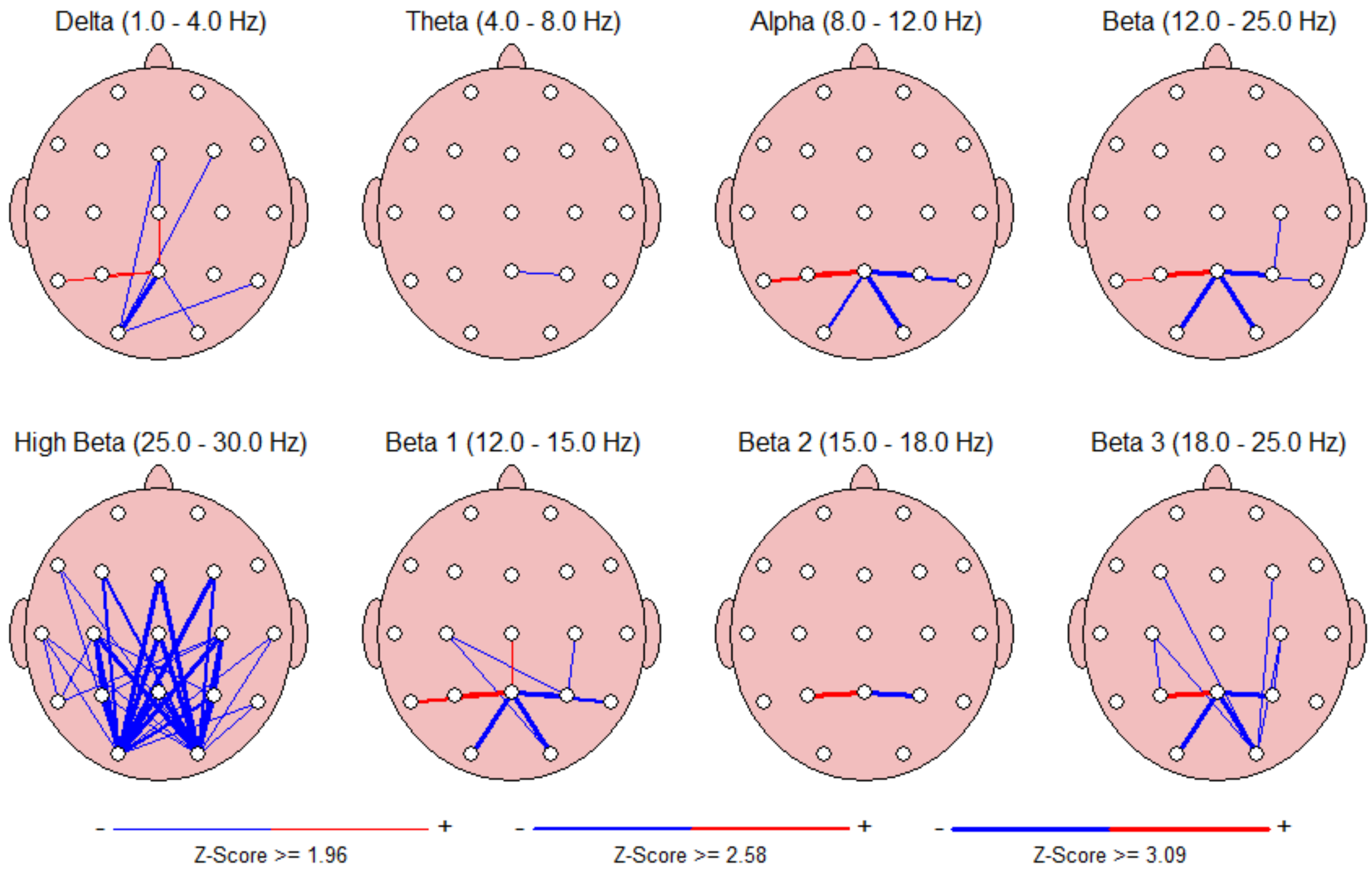


Z Scored FFT Relative Power

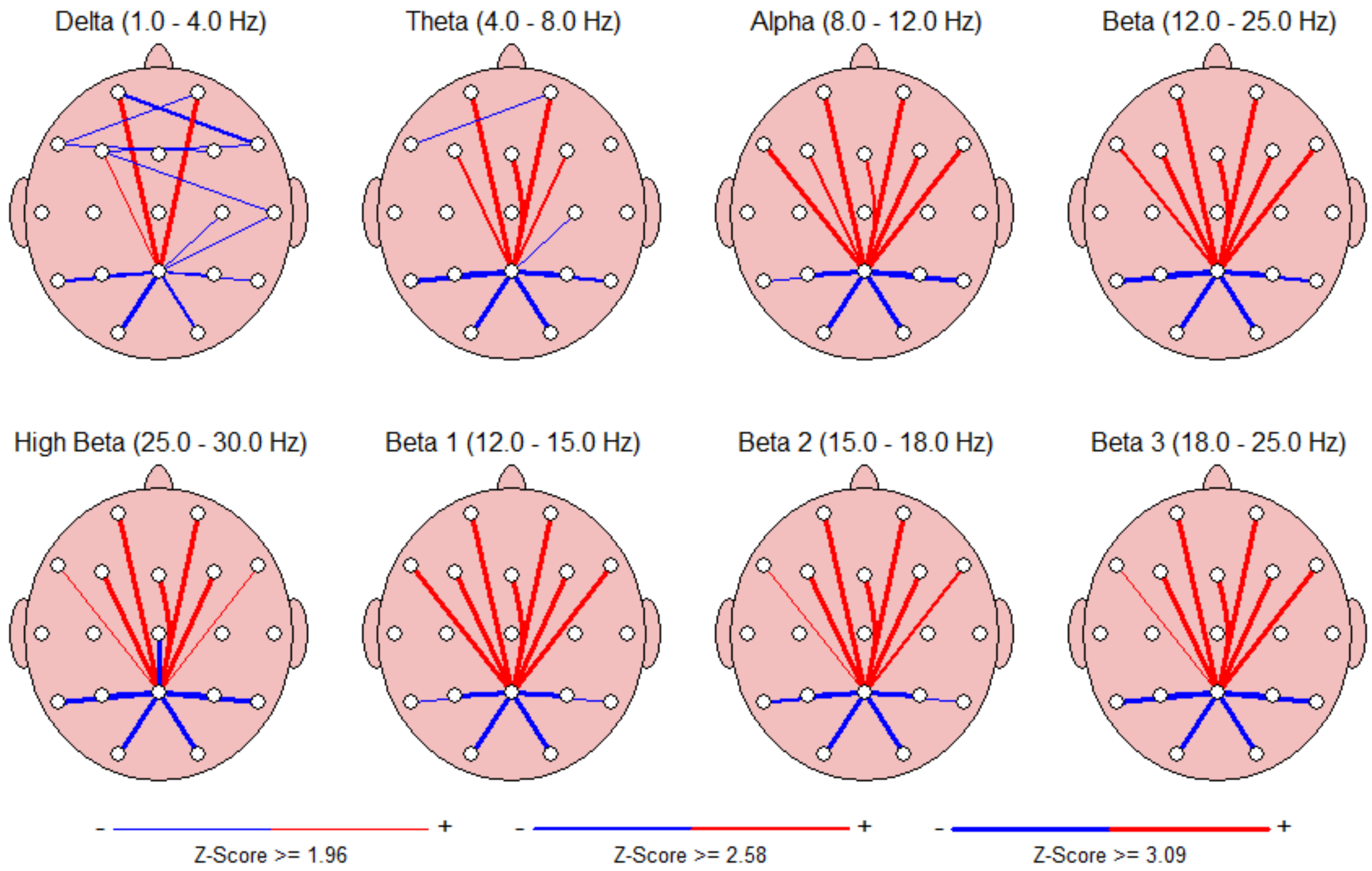
Warning: Absolute power must be consulted to interpret relative power.



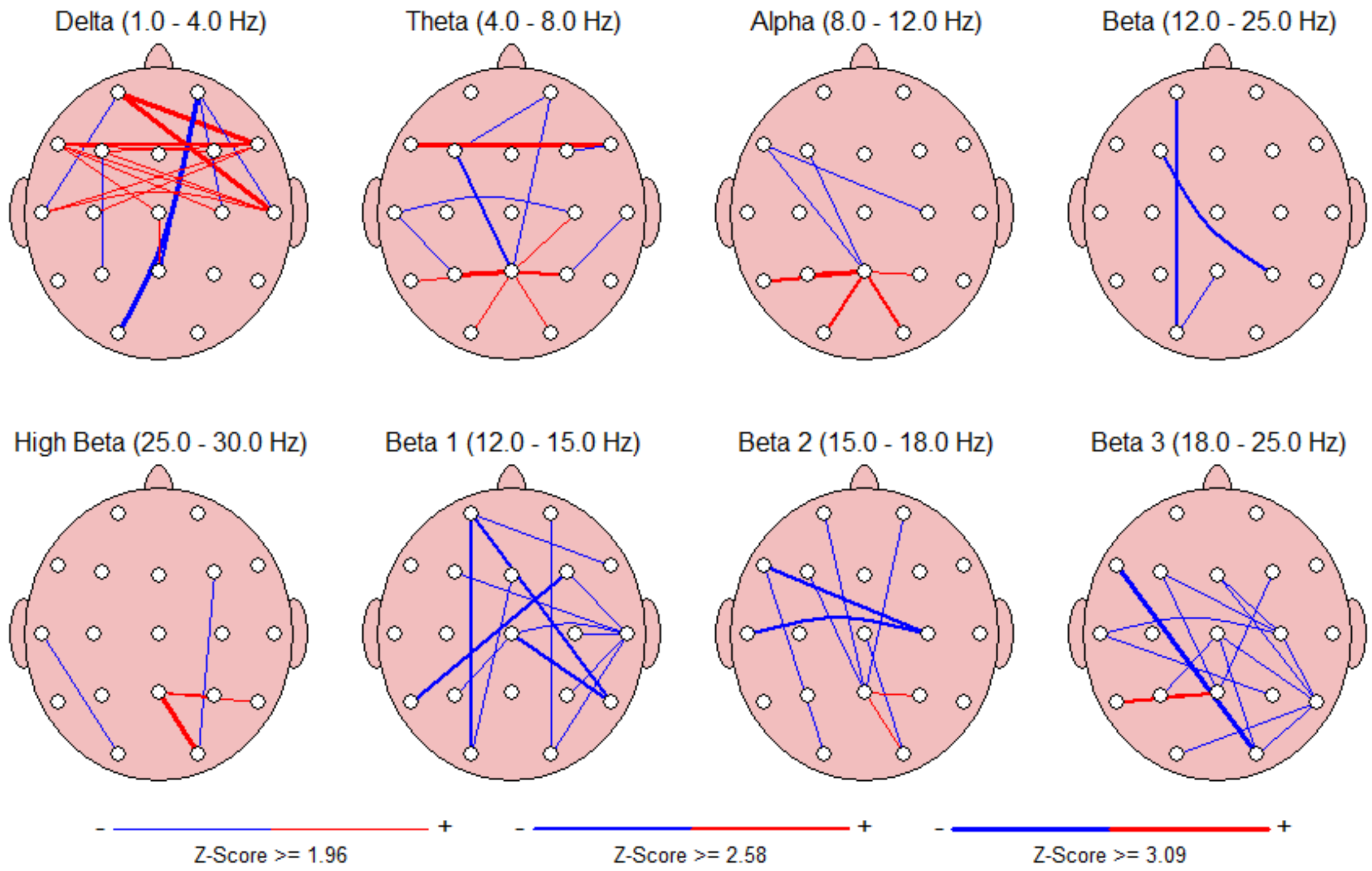
Z Scored FFT Amplitude Asymmetry



Z Scored FFT Coherence



Z Scored FFT Phase Lag



Peak Frequency (Hz)

Intrahemispheric: LEFT

	DELTA	THETA	ALPHA	BETA	HIGH BETA	BETA 1	BETA 2	BETA 3
FP1 - LE	2.00	5.71	9.23	18.47	26.94	13.20	16.29	21.30
F7 - LE	2.04	5.66	9.30	18.06	27.04	13.18	16.27	21.12
F3 - LE	2.26	5.73	9.20	17.74	26.98	13.16	16.25	20.88
T3 - LE	2.23	5.83	9.61	16.93	27.03	13.04	16.27	20.61
C3 - LE	2.20	5.80	9.28	17.41	27.02	13.08	16.36	20.48
T5 - LE	2.18	5.85	10.02	17.20	27.26	12.91	16.38	20.70
P3 - LE	2.15	5.78	9.63	17.31	27.16	12.98	16.43	20.41
O1 - LE	2.05	5.70	10.11	17.17	27.38	12.89	16.31	20.98

Intrahemispheric: RIGHT

	DELTA	THETA	ALPHA	BETA	HIGH BETA	BETA 1	BETA 2	BETA 3
FP2 - LE	2.04	5.61	9.29	18.21	27.04	13.14	16.27	21.30
F4 - LE	2.14	5.65	9.23	17.94	27.11	13.14	16.29	21.05
F8 - LE	2.04	5.56	9.32	18.07	27.05	13.11	16.30	21.23
C4 - LE	2.09	5.75	9.17	17.41	27.05	13.07	16.30	20.85
T4 - LE	2.08	5.58	9.27	17.28	27.18	13.13	16.28	20.85
P4 - LE	2.13	5.81	9.56	17.15	27.15	12.90	16.37	20.67
T6 - LE	2.20	5.75	9.74	17.22	27.24	12.95	16.41	20.78
O2 - LE	2.15	5.66	10.10	17.15	27.43	12.81	16.33	20.95

Intrahemispheric: CENTER

	DELTA	THETA	ALPHA	BETA	HIGH BETA	BETA 1	BETA 2	BETA 3
Fz - LE	2.22	5.71	9.21	17.57	27.02	13.15	16.26	20.87
Cz - LE	2.15	5.69	9.24	17.47	27.03	13.10	16.30	20.71
Pz - LE	2.20	5.67	9.24	17.77	26.96	13.15	16.25	21.04

Z Scored Peak Frequency

Intrahemispheric: LEFT

	DELTA	THETA	ALPHA	BETA	HIGH BETA	BETA 1	BETA 2	BETA 3
FP1 - LE	1.52	0.37	-1.36	0.34	-0.99	0.11	0.43	0.29
F7 - LE	1.31	0.16	-1.18	0.48	-0.34	0.22	0.49	0.03
F3 - LE	2.15	0.27	-1.49	-0.08	-0.37	-0.07	0.19	-0.59
T3 - LE	1.53	0.68	-0.47	-0.50	-0.97	-1.27	0.70	-1.16
C3 - LE	1.27	0.49	-1.38	0.03	-0.39	-0.33	1.64	-1.36
T5 - LE	0.96	0.48	1.20	0.41	1.06	-1.31	2.03	-0.38
P3 - LE	0.57	0.21	-0.23	0.36	0.48	-0.61	2.28	-1.19
O1 - LE	-0.08	-0.26	1.40	0.60	1.89	-1.19	1.26	0.74

Intrahemispheric: RIGHT

	DELTA	THETA	ALPHA	BETA	HIGH BETA	BETA 1	BETA 2	BETA 3
FP2 - LE	1.76	-0.03	-1.10	0.21	-0.13	-0.40	0.21	0.34
F4 - LE	1.51	-0.20	-1.28	0.27	0.18	-0.17	0.80	-0.09
F8 - LE	1.29	-0.17	-1.10	0.47	0.24	-0.63	0.81	0.38
C4 - LE	0.33	0.25	-1.77	0.10	-0.07	-0.44	0.72	-0.10
T4 - LE	0.77	-0.30	-1.78	-0.24	0.22	-0.49	0.44	-0.38
P4 - LE	0.61	0.41	-0.48	0.23	0.70	-1.16	1.59	-0.31
T6 - LE	1.50	-0.01	0.12	0.22	1.50	-1.22	2.18	-0.18
O2 - LE	0.63	-0.37	1.28	0.55	2.79	-1.61	1.64	0.54

Intrahemispheric: CENTER

	DELTA	THETA	ALPHA	BETA	HIGH BETA	BETA 1	BETA 2	BETA 3
Fz - LE	1.74	0.05	-1.27	0.24	-0.09	0.06	0.52	-0.31
Cz - LE	0.62	0.06	-1.38	0.19	-0.08	-0.17	0.87	-0.56
Pz - LE	1.23	-0.21	-1.48	0.92	-0.33	0.34	0.21	0.79

FFT Amplitude Asymmetry

Intrahemispheric: LEFT

	DELTA	THETA	ALPHA	BETA
FP1 F7	20.90	40.03	49.91	35.93
FP1 F3	28.36	-17.81	-7.71	1.33
FP1 T3	62.56	52.24	35.16	26.95
FP1 C3	7.27	-25.36	-30.07	-21.60
FP1 T5	32.62	11.22	-76.11	-37.75
FP1 P3	-14.39	-39.09	-72.59	-59.87
FP1 O1	-29.92	-28.15	-101.05	-66.13
F7 F3	7.57	-56.83	-57.06	-34.65
F7 T3	43.07	12.88	-15.42	-9.20
F7 C3	-13.68	-63.77	-77.08	-56.43
F7 T5	11.92	-29.14	-115.09	-71.27
F7 P3	-35.03	-76.14	-112.32	-90.92
F7 O1	-50.03	-66.31	-134.06	-96.34
F3 T3	35.79	68.46	42.58	25.65
F3 C3	-21.20	-7.63	-22.50	-22.91
F3 T5	4.36	28.89	-69.42	-39.03
F3 P3	-42.32	-21.65	-65.80	-61.08
F3 O1	-57.07	-10.47	-95.20	-67.30
T3 C3	-55.93	-75.11	-63.55	-47.85
T3 T5	-31.55	-41.63	-104.29	-63.10
T3 P3	-75.26	-86.90	-101.28	-83.46
T3 O1	-88.35	-77.54	-125.10	-89.11
C3 T5	25.50	36.32	-48.83	-16.49
C3 P3	-21.61	-14.08	-44.97	-39.56
C3 O1	-36.99	-2.84	-76.82	-46.18
T5 P3	-46.46	-49.77	4.09	-23.44
T5 O1	-61.05	-39.06	-30.88	-30.26
P3 O1	-15.69	11.25	-34.86	-6.94

Intrahemispheric: RIGHT

	DELTA	THETA	ALPHA	BETA
FP2 F4	-5.07	-20.43	-15.32	2.19
FP2 F8	-15.99	17.35	31.87	37.94
FP2 C4	-32.49	-33.39	-33.06	-10.06
FP2 T4	31.81	50.10	42.77	52.34
FP2 P4	-38.50	-39.39	-74.40	-52.81
FP2 T6	25.35	12.60	-55.65	-6.51
FP2 O2	-31.64	-16.55	-110.32	-62.85
F4 F8	-10.94	37.44	46.61	35.82
F4 C4	-27.53	-13.19	-17.97	-12.25
F4 T4	36.73	68.77	57.15	50.29
F4 P4	-33.59	-19.35	-60.82	-54.84
F4 T6	30.33	32.82	-41.22	-8.70
F4 O2	-26.67	3.91	-99.19	-64.82
F8 C4	-16.72	-50.02	-63.26	-47.55
F8 T4	47.20	33.48	11.29	15.15
F8 P4	-22.86	-55.79	-100.32	-86.42
F8 T6	40.93	-4.77	-83.81	-44.18
F8 O2	-15.85	-33.66	-130.70	-95.12
C4 T4	62.68	80.14	73.24	61.59
C4 P4	-6.20	-6.20	-44.05	-43.32
C4 T6	56.67	45.52	-23.69	3.56
C4 O2	0.87	17.08	-85.01	-53.64
T4 P4	-68.21	-85.28	-108.54	-98.35
T4 T6	-6.59	-38.10	-92.90	-58.35
T4 O2	-61.89	-65.30	-136.94	-106.44
P4 T6	62.33	51.36	20.91	46.70
P4 O2	7.07	23.22	-45.19	-10.95
T6 O2	-55.87	-29.00	-64.58	-56.92

Interhemispheric: HOMOLOGOUS PAIRS

	DELTA	THETA	ALPHA	BETA
FP1 FP2	31.43	-4.85	-3.67	-5.73
F3 F4	-1.93	-7.49	-11.30	-4.87
C3 C4	-8.36	-13.05	-6.73	5.88
P3 P4	7.12	-5.16	-5.77	1.94

	DELTA	THETA	ALPHA	BETA
F7 F8	-5.30	-27.85	-22.42	-3.65
T3 T4	-0.96	-7.14	4.24	20.66
T5 T6	24.15	-3.46	19.25	25.82
O1 O2	29.71	6.89	-16.50	-2.08

Z Scored FFT Amplitude Asymmetry

Intrahemispheric: LEFT

	DELTA	THETA	ALPHA	BETA
FP1 F7	-0.78	0.25	1.21	-0.13
FP1 F3	-0.16	-0.25	0.18	-0.14
FP1 T3	-0.51	0.05	0.40	0.12
FP1 C3	-0.90	-0.70	-0.18	-0.31
FP1 T5	-1.03	-0.41	-1.22	-1.09
FP1 P3	-1.25	-0.98	-0.60	-1.00
FP1 O1	-1.51	-0.76	-0.92	-1.22
F7 F3	0.75	-0.67	-0.96	0.03
F7 T3	-0.16	-0.14	-0.36	0.21
F7 C3	-0.63	-1.36	-0.89	-0.41
F7 T5	-0.79	-0.70	-1.52	-1.52
F7 P3	-1.12	-1.22	-0.96	-1.37
F7 O1	-1.39	-1.06	-1.20	-1.60
F3 T3	-0.76	0.24	0.33	0.20
F3 C3	-1.39	-0.92	-0.40	-0.38
F3 T5	-1.38	-0.29	-1.45	-1.57
F3 P3	-1.70	-1.01	-0.74	-1.45
F3 O1	-1.78	-0.67	-1.04	-1.69
T3 C3	-0.29	-0.63	-0.53	-0.54
T3 T5	-0.56	-0.53	-1.52	-1.48
T3 P3	-0.85	-0.97	-0.86	-1.27
T3 O1	-1.16	-0.86	-1.14	-1.39
C3 T5	-0.44	0.12	-1.50	-1.30
C3 P3	-0.97	-0.71	-0.73	-1.71
C3 O1	-1.58	-0.39	-1.13	-1.61
T5 P3	-0.87	-1.06	0.99	-0.26
T5 O1	-1.46	-0.53	0.16	-0.49
P3 O1	-0.58	0.30	-0.58	-0.27

Intrahemispheric: RIGHT

	DELTA	THETA	ALPHA	BETA
FP2 F4	-0.76	-0.29	-0.02	-0.13
FP2 F8	-1.10	-0.50	0.34	-0.02
FP2 C4	-1.57	-0.76	-0.20	-0.22
FP2 T4	-1.13	-0.55	0.13	0.23
FP2 P4	-1.36	-0.87	-0.61	-0.88
FP2 T6	-0.98	-0.57	-0.88	-0.61
FP2 O2	-1.41	-0.54	-1.07	-1.18
F4 F8	-0.57	-0.31	0.37	0.11
F4 C4	-1.54	-0.91	-0.27	-0.30
F4 T4	-0.85	-0.46	0.16	0.35
F4 P4	-1.30	-0.88	-0.67	-1.43
F4 T6	-0.72	-0.46	-0.96	-0.85
F4 O2	-1.41	-0.43	-1.24	-1.71
F8 C4	-0.58	-0.37	-0.43	-0.27
F8 T4	-0.33	-0.16	-0.13	0.25
F8 P4	-0.56	-0.53	-0.72	-1.02
F8 T6	-0.08	-0.22	-0.98	-0.68
F8 O2	-0.72	-0.25	-1.18	-1.33
C4 T4	0.27	0.19	0.32	0.54
C4 P4	-0.10	-0.37	-0.75	-2.03
C4 T6	0.72	0.11	-1.74	-0.69
C4 O2	-0.37	-0.07	-1.40	-1.78
T4 P4	-0.32	-0.41	-0.72	-1.31
T4 T6	0.27	-0.09	-0.98	-1.12
T4 O2	-0.47	-0.13	-1.21	-1.68
P4 T6	0.88	0.56	-0.47	0.97
P4 O2	-0.29	0.50	-1.31	-0.82
T6 O2	-1.34	-0.02	-0.89	-1.87

Interhemispheric: HOMOLOGOUS PAIRS

	DELTA	THETA	ALPHA	BETA
FP1 FP2	1.35	-0.67	-0.38	-0.20
F3 F4	-0.16	-0.32	-0.39	-0.22
C3 C4	-0.34	-0.67	-0.11	0.04
P3 P4	0.69	0.09	0.11	0.13

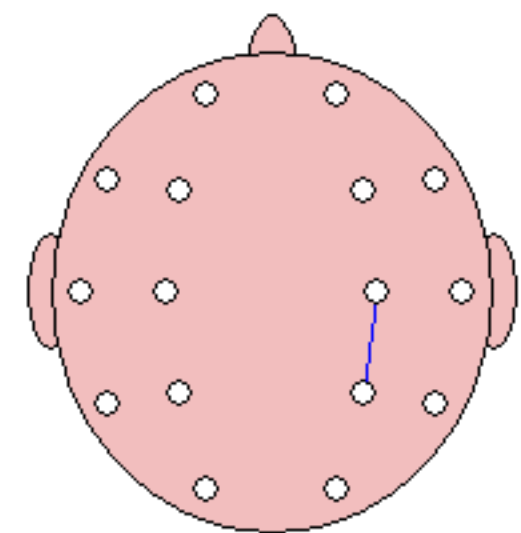
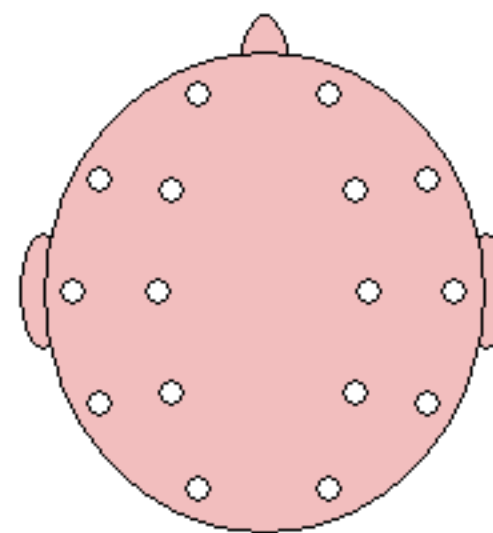
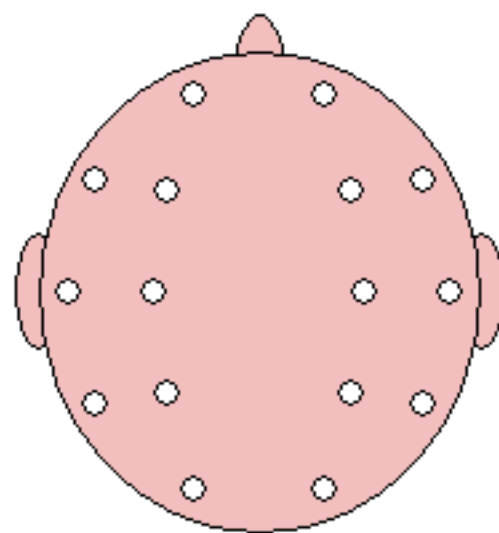
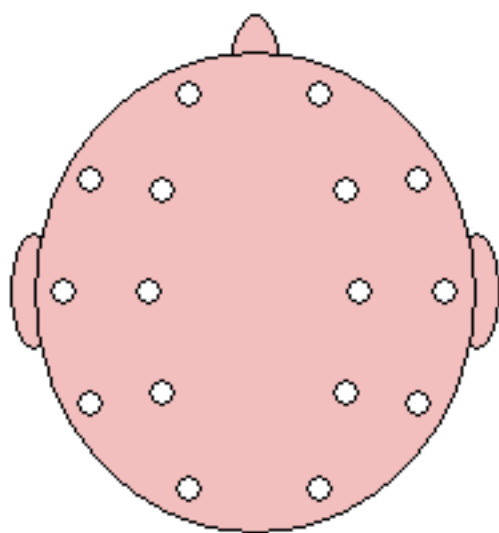
	DELTA	THETA	ALPHA	BETA
F7 F8	-0.02	-1.02	-1.08	-0.06
T3 T4	-0.15	-0.70	-0.35	-0.02
T5 T6	0.97	-0.31	0.52	0.75
O1 O2	1.66	0.27	-0.93	-0.56

Delta (1.0 - 4.0 Hz)

Theta (4.0 - 8.0 Hz)

Alpha (8.0 - 12.0 Hz)

Beta (12.0 - 25.0 Hz)



- ————— ————— +
Z-Score >= 1.96

- ————— ————— +
Z-Score >= 2.58

- ————— ————— +
Z-Score >= 3.09

FFT Coherence

Intrahemispheric: LEFT

	DELTA	THETA	ALPHA	BETA
FP1 F7	47.79	52.55	69.26	54.36
FP1 F3	52.07	66.01	80.68	67.45
FP1 T3	22.34	12.90	8.49	5.64
FP1 C3	26.77	31.14	36.40	22.39
FP1 T5	6.08	4.02	6.78	0.48
FP1 P3	15.03	12.78	11.65	5.62
FP1 O1	5.60	3.26	6.49	0.43
F7 F3	42.03	49.81	67.97	56.39
F7 T3	61.09	52.17	37.71	34.74
F7 C3	24.08	33.38	42.83	30.23
F7 T5	15.51	14.49	8.50	8.04
F7 P3	10.73	14.84	16.83	11.79
F7 O1	5.91	5.86	5.82	3.44
F3 T3	45.74	25.19	20.24	16.58
F3 C3	79.03	74.60	69.43	62.98
F3 T5	43.64	19.19	11.45	8.68
F3 P3	55.92	42.59	33.71	29.81
F3 O1	23.21	17.26	12.16	8.92
T3 C3	49.71	42.02	47.97	39.00
T3 T5	58.29	60.28	54.02	57.57
T3 P3	38.60	37.13	47.29	38.39
T3 O1	22.72	26.85	30.85	26.75
C3 T5	68.30	52.71	39.42	44.11
C3 P3	87.25	82.42	80.33	81.48
C3 O1	43.51	47.81	38.85	38.70
T5 P3	72.19	72.73	68.71	67.94
T5 O1	46.89	74.10	83.30	76.51
P3 O1	53.29	75.43	73.38	68.01

Intrahemispheric: RIGHT

	DELTA	THETA	ALPHA	BETA
FP2 F4	59.87	75.24	84.12	52.44
FP2 F8	36.63	52.48	67.49	50.20
FP2 C4	26.77	37.16	43.78	29.33
FP2 T4	10.65	16.88	14.42	7.81
FP2 P4	13.64	15.19	9.39	7.37
FP2 T6	12.97	9.17	0.41	2.69
FP2 O2	6.32	4.00	3.18	0.82
F4 F8	39.28	54.04	73.87	56.18
F4 C4	77.59	72.94	70.52	64.65
F4 T4	25.26	26.43	26.43	16.29
F4 P4	50.79	37.99	24.24	23.11
F4 T6	31.68	19.73	4.69	8.54
F4 O2	33.18	15.54	4.16	5.77
F8 C4	23.16	37.42	52.68	34.85
F8 T4	61.95	63.17	49.58	41.32
F8 P4	11.60	16.33	15.69	8.05
F8 T6	16.15	15.22	4.41	6.09
F8 O2	6.32	5.37	1.44	1.05
C4 T4	26.20	39.77	49.99	32.48
C4 P4	81.51	78.34	69.85	70.39
C4 T6	51.04	46.97	33.07	34.60
C4 O2	63.20	44.79	24.85	31.76
T4 P4	26.17	34.34	42.80	26.50
T4 T6	33.17	41.73	41.22	37.62
T4 O2	18.68	23.12	18.97	18.01
P4 T6	63.96	66.60	69.99	58.62
P4 O2	87.86	79.71	70.16	69.98
T6 O2	61.77	64.96	73.09	60.36

Interhemispheric: HOMOLOGOUS PAIRS

	DELTA	THETA	ALPHA	BETA
FP1 FP2	50.70	59.82	78.55	50.66
F3 F4	52.09	58.93	74.33	54.62
C3 C4	66.78	58.92	53.51	45.22
P3 P4	82.03	70.78	60.04	52.67

	DELTA	THETA	ALPHA	BETA
F7 F8	20.07	0.55	11.75	1.65
T3 T4	2.46	1.08	0.98	3.34
T5 T6	29.27	22.29	15.94	8.10
O1 O2	55.32	72.35	69.01	66.73

Z Scored FFT Coherence

Intrahemispheric: LEFT

	DELTA	THETA	ALPHA	BETA
FP1 F7	-0.57	-0.67	0.52	0.39
FP1 F3	-0.28	0.13	0.62	0.68
FP1 T3	0.06	-0.85	-0.77	-0.15
FP1 C3	-0.09	-0.39	0.12	0.32
FP1 T5	-0.33	-0.55	0.20	-0.88
FP1 P3	0.49	-0.10	0.04	0.00
FP1 O1	0.52	-0.09	0.27	-0.93
F7 F3	-0.44	-0.59	0.44	0.42
F7 T3	1.21	0.71	-0.24	0.64
F7 C3	-0.67	-0.44	0.40	0.31
F7 T5	0.24	0.28	-0.10	0.03
F7 P3	-0.34	-0.06	0.47	0.20
F7 O1	0.16	0.30	0.19	0.22
F3 T3	0.43	-0.74	-0.72	-0.11
F3 C3	1.12	0.66	0.39	0.62
F3 T5	1.30	-0.12	-0.27	-0.29
F3 P3	1.66	0.54	0.40	0.64
F3 O1	0.83	0.46	0.14	0.38
T3 C3	0.21	-0.29	0.20	0.28
T3 T5	0.73	0.72	0.59	1.10
T3 P3	0.08	-0.12	0.75	0.66
T3 O1	0.03	0.41	1.05	1.28
C3 T5	0.83	0.23	-0.25	0.23
C3 P3	1.17	0.80	0.84	1.28
C3 O1	0.18	0.63	0.35	0.81
T5 P3	0.14	-0.06	-0.21	-0.06
T5 O1	-1.02	0.45	0.94	0.90
P3 O1	-1.00	0.56	0.19	0.18

Intrahemispheric: RIGHT

	DELTA	THETA	ALPHA	BETA
FP2 F4	0.36	1.14	0.99	0.53
FP2 F8	-0.59	-0.04	0.61	0.50
FP2 C4	0.10	0.41	0.51	0.73
FP2 T4	-1.04	-0.45	-0.20	0.16
FP2 P4	0.58	0.30	-0.53	0.23
FP2 T6	0.94	0.41	-1.48	0.30
FP2 O2	0.56	0.11	-0.48	-0.44
F4 F8	-0.22	-0.01	0.77	0.54
F4 C4	1.03	0.50	0.32	0.59
F4 T4	-0.79	-0.87	-0.29	-0.20
F4 P4	1.16	0.07	-0.65	-0.16
F4 T6	0.70	-0.06	-1.30	-0.06
F4 O2	1.34	0.26	-1.02	-0.14
F8 C4	-0.29	0.14	0.84	0.52
F8 T4	1.28	1.42	0.53	0.91
F8 P4	0.12	0.12	-0.01	-0.32
F8 T6	0.66	0.41	-0.87	-0.01
F8 O2	0.29	0.17	-0.74	-0.50
C4 T4	-1.16	-0.53	0.29	0.14
C4 P4	0.73	0.55	-0.22	0.32
C4 T6	0.01	0.08	-0.64	0.00
C4 O2	1.09	0.49	-0.68	0.26
T4 P4	-0.45	-0.16	0.65	0.28
T4 T6	-0.23	0.04	0.01	0.37
T4 O2	-0.18	0.36	0.29	0.75
P4 T6	0.06	0.10	0.18	-0.07
P4 O2	0.99	0.79	-0.03	0.36
T6 O2	-0.20	-0.12	0.38	0.13

Interhemispheric: HOMOLOGOUS PAIRS

	DELTA	THETA	ALPHA	BETA
FP1 FP2	-1.54	-1.19	0.50	0.22
F3 F4	-0.18	-0.02	0.87	0.74
C3 C4	0.22	0.00	0.36	0.85
P3 P4	0.71	0.39	0.12	0.30

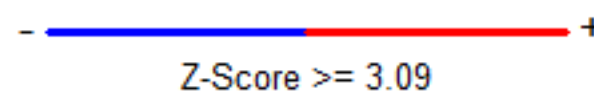
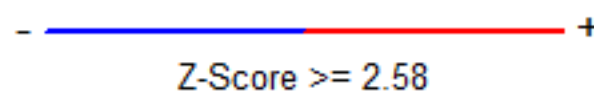
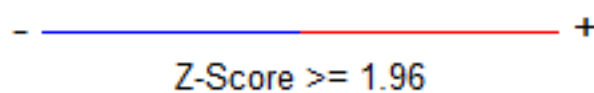
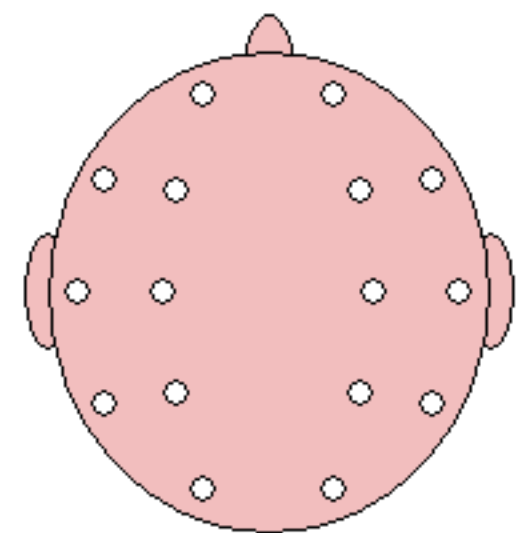
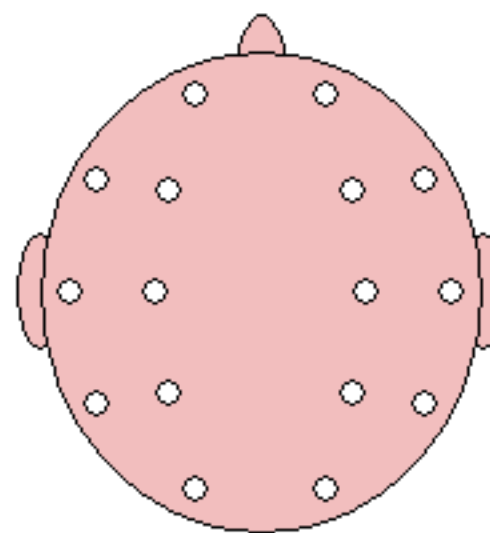
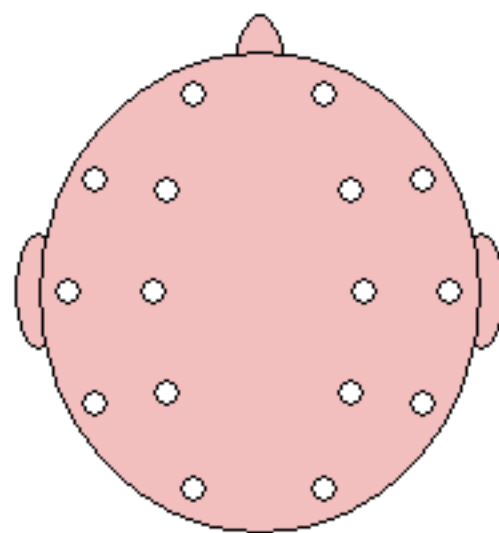
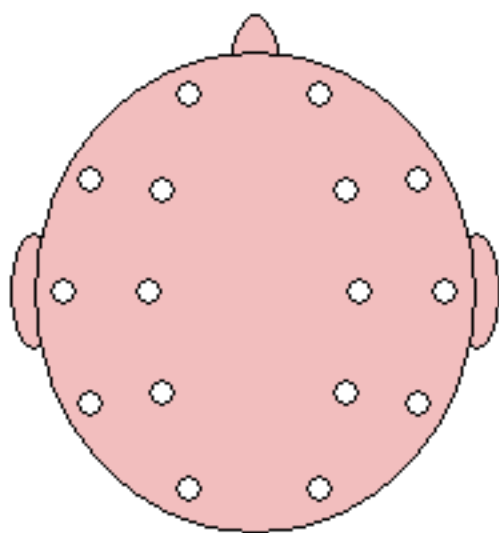
	DELTA	THETA	ALPHA	BETA
F7 F8	0.07	-1.80	0.25	-1.38
T3 T4	-0.84	-0.99	-0.70	0.20
T5 T6	-0.67	-0.33	-0.04	-0.13
O1 O2	-1.13	-0.14	-0.28	0.07

Delta (1.0 - 4.0 Hz)

Theta (4.0 - 8.0 Hz)

Alpha (8.0 - 12.0 Hz)

Beta (12.0 - 25.0 Hz)



FFT Phase Lag (Deg)

Intrahemispheric: LEFT

	DELTA	THETA	ALPHA	BETA
FP1 F7	-2.27	-2.83	-0.73	2.27
FP1 F3	5.70	1.45	-1.27	-1.70
FP1 T3	0.41	4.00	-16.98	-3.69
FP1 C3	7.34	6.48	-7.36	-4.45
FP1 T5	12.80	19.46	-96.65	-26.49
FP1 P3	8.87	12.04	-30.00	-8.56
FP1 O1	6.66	19.92	-91.46	-0.16
F7 F3	7.14	2.67	-0.90	-3.48
F7 T3	2.58	0.65	-8.25	-1.22
F7 C3	11.44	3.27	-5.50	-5.87
F7 T5	14.05	1.75	-55.66	-8.81
F7 P3	18.07	4.88	-20.54	-8.48
F7 O1	13.19	3.41	-63.21	-8.11
F3 T3	-7.97	1.44	-9.73	-2.10
F3 C3	-1.03	3.72	-3.78	-1.45
F3 T5	-0.84	7.62	-57.42	-8.44
F3 P3	-0.17	6.73	-16.64	-3.24
F3 O1	-1.09	8.95	-54.80	-4.03
T3 C3	7.66	-1.98	3.34	0.96
T3 T5	7.95	1.18	-9.78	-1.00
T3 P3	9.75	-0.15	-2.12	-0.29
T3 O1	7.88	1.25	-13.15	-4.33
C3 T5	0.87	4.53	-24.10	-4.04
C3 P3	0.80	2.43	-7.20	-1.66
C3 O1	-0.72	3.40	-26.25	-6.29
T5 P3	0.79	-2.02	11.51	1.80
T5 O1	-0.01	-0.19	-2.29	-4.06
P3 O1	-2.12	0.97	-13.57	-5.23

Intrahemispheric: RIGHT

	DELTA	THETA	ALPHA	BETA
FP2 F4	-0.24	2.86	1.84	0.42
FP2 F8	0.03	4.29	4.42	0.18
FP2 C4	0.31	9.06	1.21	-1.42
FP2 T4	0.41	11.84	15.00	-0.78
FP2 P4	-2.95	16.19	-14.90	-2.98
FP2 T6	-14.03	23.46	-49.60	4.78
FP2 O2	-12.92	30.90	-105.50	-2.12
F4 F8	1.21	0.06	2.42	1.30
F4 C4	-0.66	5.28	0.92	-0.25
F4 T4	5.01	6.89	10.29	1.43
F4 P4	-2.24	8.62	-7.29	0.72
F4 T6	-10.25	10.60	-16.60	3.12
F4 O2	-8.42	12.09	-59.31	2.69
F8 C4	-5.56	5.10	-1.26	-3.45
F8 T4	0.65	3.44	7.20	-0.33
F8 P4	-9.93	7.60	-6.36	-7.82
F8 T6	-13.10	6.87	-4.19	1.75
F8 O2	-26.15	11.32	-64.47	-8.01
C4 T4	11.87	2.76	5.86	4.25
C4 P4	0.40	2.35	-3.78	0.57
C4 T6	-3.60	3.53	-9.56	1.17
C4 O2	-3.48	2.57	-23.20	-1.88
T4 P4	-11.45	-0.37	-4.30	-4.95
T4 T6	-12.20	-0.34	-6.42	-1.37
T4 O2	-22.51	1.05	-11.64	-3.70
P4 T6	-3.97	0.13	-8.14	-0.90
P4 O2	-3.13	-0.30	-12.22	-3.67
T6 O2	1.03	1.13	1.15	-0.89

Interhemispheric: HOMOLOGOUS PAIRS

	DELTA	THETA	ALPHA	BETA
FP1 FP2	3.88	2.85	-0.84	-0.44
F3 F4	1.04	0.79	1.23	1.81
C3 C4	3.09	-0.53	1.15	0.17
P3 P4	2.04	0.17	-5.13	-1.55

	DELTA	THETA	ALPHA	BETA
F7 F8	-179.74	-171.58	6.37	-13.67
T3 T4	139.80	-173.94	162.68	-173.55
T5 T6	-2.05	-0.43	-21.12	-8.88
O1 O2	0.48	-0.16	-12.67	-2.98

Z Scored FFT Phase Lag

Intrahemispheric: LEFT

	DELTA	THETA	ALPHA	BETA
FP1 F7	-0.08	0.45	-1.30	0.01
FP1 F3	1.05	-0.78	-0.33	-0.54
FP1 T3	-2.09	0.09	0.71	-0.67
FP1 C3	0.84	0.61	0.52	-0.19
FP1 T5	0.13	0.44	1.05	0.22
FP1 P3	0.08	0.55	0.78	-0.08
FP1 O1	-0.75	0.13	0.82	-3.08
F7 F3	1.26	0.52	-0.45	0.06
F7 T3	-0.15	-0.99	0.85	-0.87
F7 C3	1.48	-0.16	0.40	0.69
F7 T5	0.78	-0.96	1.00	0.19
F7 P3	1.16	-0.21	0.52	0.38
F7 O1	-0.09	-0.96	0.46	-0.75
F3 T3	0.73	-0.99	0.48	-0.78
F3 C3	-1.05	1.10	0.28	-0.54
F3 T5	-1.45	0.36	1.11	0.18
F3 P3	-1.99	0.64	0.71	-0.23
F3 O1	-1.40	0.10	0.85	-0.99
T3 C3	0.90	-0.64	-0.09	-1.14
T3 T5	1.17	-0.81	1.04	-0.88
T3 P3	0.93	-2.11	-0.43	-1.40
T3 O1	0.31	-1.13	0.63	-0.30
C3 T5	-1.30	0.42	1.35	0.05
C3 P3	-0.91	0.37	0.91	-0.13
C3 O1	-1.47	-0.09	1.13	0.40
T5 P3	-0.73	0.19	1.51	-0.05
T5 O1	-1.79	-1.50	0.02	0.77
P3 O1	0.30	-0.74	1.63	0.95

Intrahemispheric: RIGHT

	DELTA	THETA	ALPHA	BETA
FP2 F4	-1.48	-0.27	-0.02	-1.10
FP2 F8	-1.96	0.94	1.08	-1.69
FP2 C4	-2.53	0.82	-1.19	-0.89
FP2 T4	-1.96	1.22	0.77	-1.32
FP2 P4	-1.23	0.74	0.38	-0.62
FP2 T6	0.01	0.52	0.57	-0.92
FP2 O2	-0.67	0.42	0.86	-1.71
F4 F8	-0.34	-2.36	0.65	-0.40
F4 C4	-1.11	1.42	-0.64	-1.38
F4 T4	0.47	1.01	0.70	-1.05
F4 P4	-0.42	1.06	0.02	-1.42
F4 T6	0.79	0.46	0.28	-0.72
F4 O2	0.41	0.35	0.94	-0.87
F8 C4	0.57	0.55	-0.80	0.17
F8 T4	-1.33	0.37	0.64	-1.22
F8 P4	0.28	0.23	-0.19	0.44
F8 T6	0.37	-0.11	-0.84	-1.01
F8 O2	0.28	-0.18	0.74	-0.38
C4 T4	1.71	-0.37	0.45	-0.20
C4 P4	-1.42	0.48	0.18	-1.07
C4 T6	0.48	0.10	0.44	-1.16
C4 O2	0.21	-0.32	0.90	-0.70
T4 P4	1.15	-2.43	0.19	0.06
T4 T6	1.26	-1.85	0.41	-0.73
T4 O2	1.33	-1.28	0.33	-0.19
P4 T6	1.09	-1.48	0.77	-1.01
P4 O2	0.92	-1.34	1.21	0.74
T6 O2	-0.77	-0.60	-0.79	-1.20

Interhemispheric: HOMOLOGOUS PAIRS

	DELTA	THETA	ALPHA	BETA
FP1 FP2	1.28	1.32	-0.36	-1.10
F3 F4	-0.71	-0.82	-0.20	-0.18
C3 C4	0.53	-1.61	-0.63	-1.73
P3 P4	0.67	-1.33	0.91	-0.18

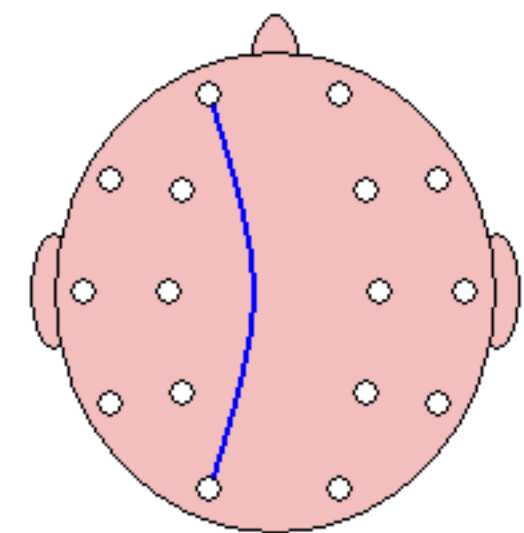
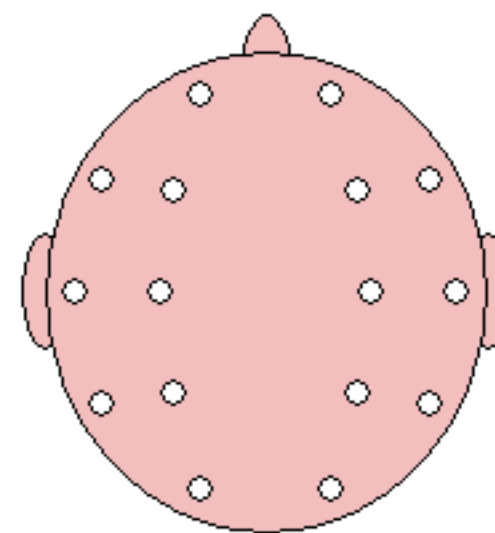
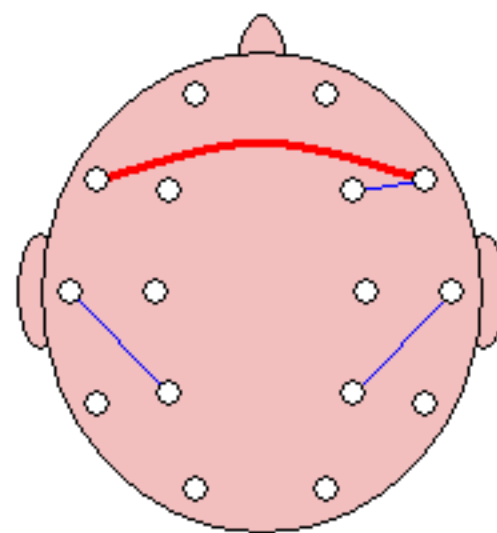
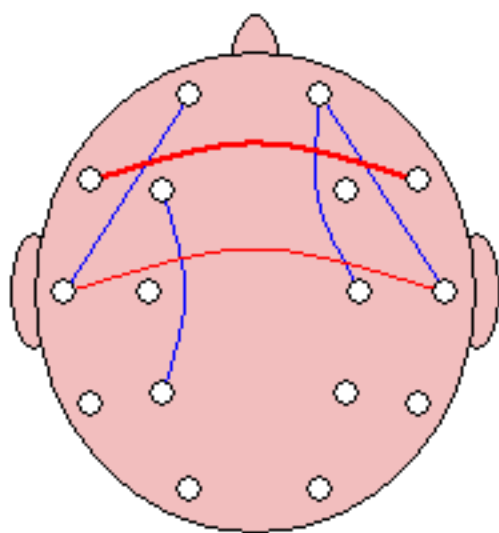
	DELTA	THETA	ALPHA	BETA
F7 F8	2.89	3.40	-0.20	0.84
T3 T4	2.01	1.35	0.75	0.73
T5 T6	-0.54	-1.94	0.92	0.24
O1 O2	-1.08	-1.48	1.79	0.62

Delta (1.0 - 4.0 Hz)

Theta (4.0 - 8.0 Hz)

Alpha (8.0 - 12.0 Hz)

Beta (12.0 - 25.0 Hz)



- Z-Score >= 1.96 +

- Z-Score >= 2.58 +

- Z-Score >= 3.09 +