

**Subject Information**

Name:

Subject ID:

Date of Birth:

Age: 10.80

Gender: male

Handedness: right

EEG ID: Startdate 01-Oct-2014

Date of Test:

Time of Test:

Technician:

Eyes Condition: Eyes Open

Clinician:

Medication:

Comments:

## Technical Information

Record Length: 04:54

Edit Length: 04:54

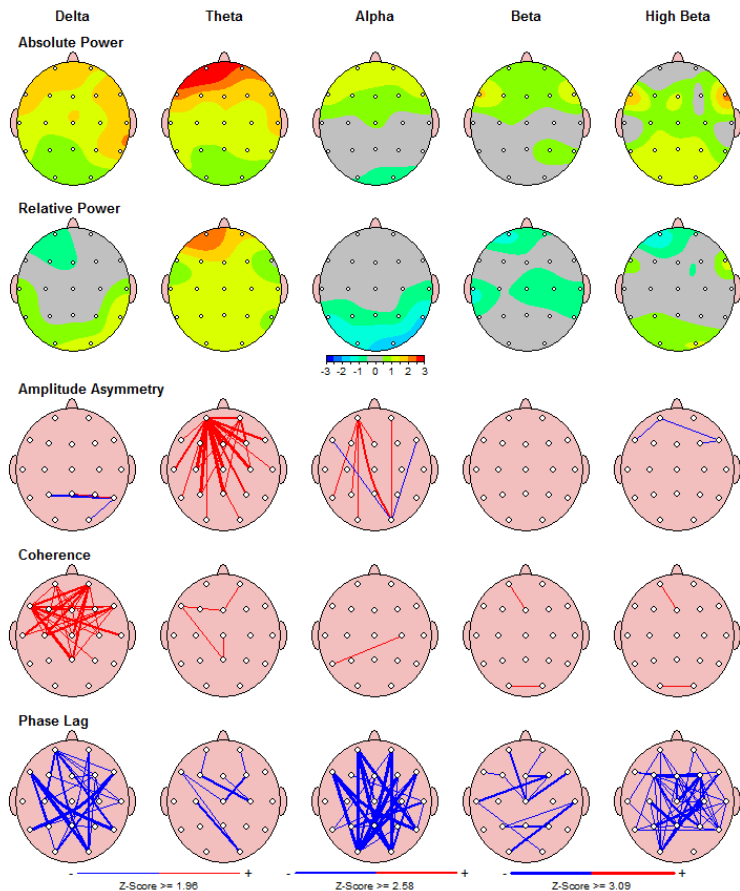
Reliability:

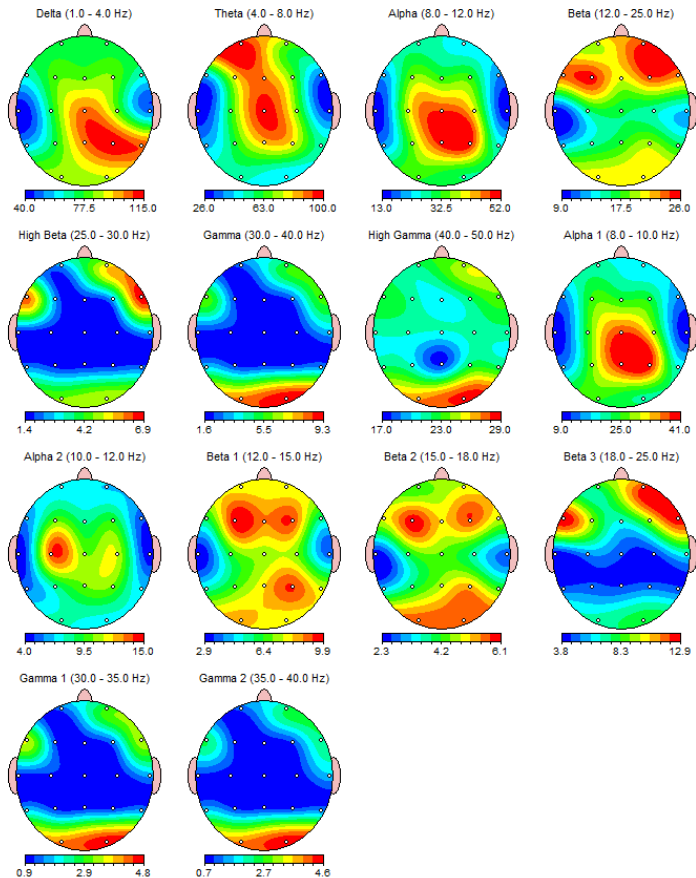
|         | Split Half | Test Retest |
|---------|------------|-------------|
| Average | 0.98       | 0.97        |
| FP1     | 0.98       | 0.99        |
| FP2     | 0.98       | 0.98        |
| F3      | 0.98       | 0.98        |
| F4      | 0.98       | 0.98        |
| C3      | 0.97       | 0.95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

Sampling Rate: 256

Collection Hardware: Deymed

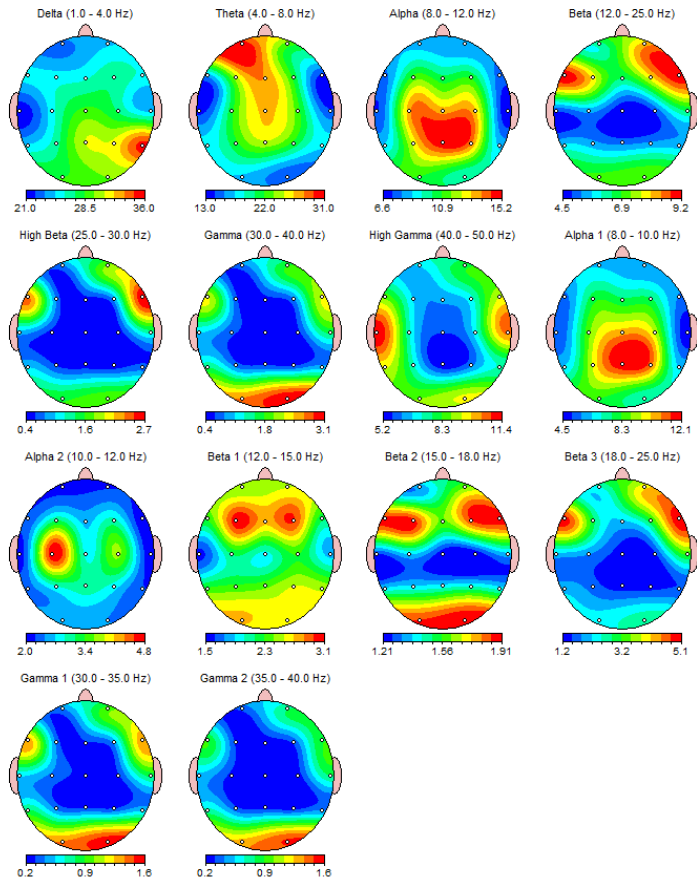
## Z Scored FFT Summary Information



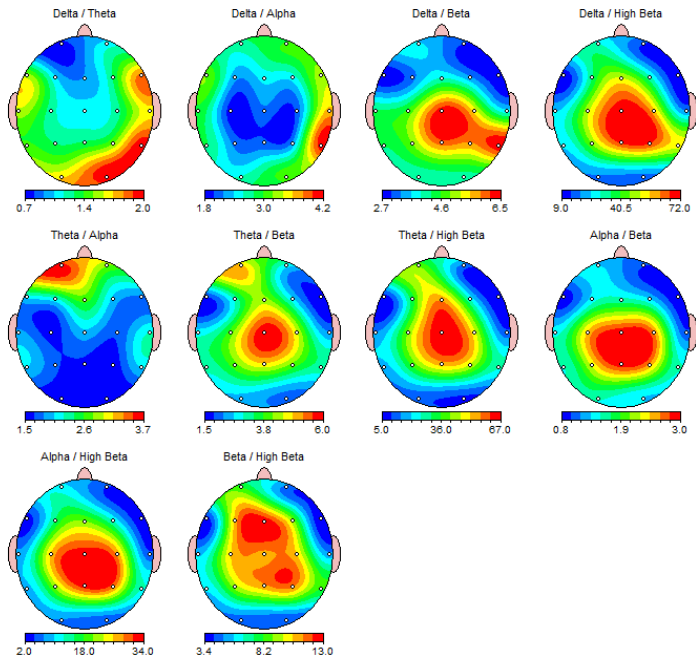
FFT Absolute Power ( $\mu\text{V Sq}$ )

## FFT Relative Power (%)

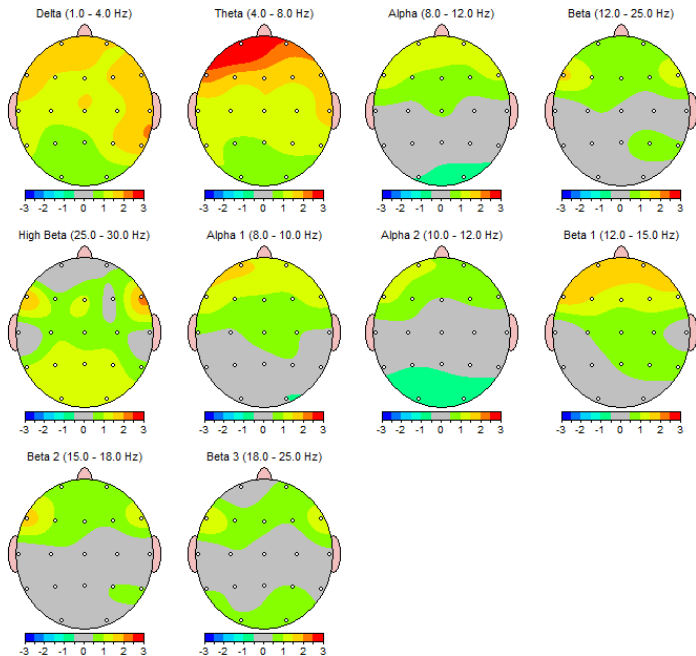
Warning: Absolute power must be consulted to interpret relative power.



## FFT Power Ratio

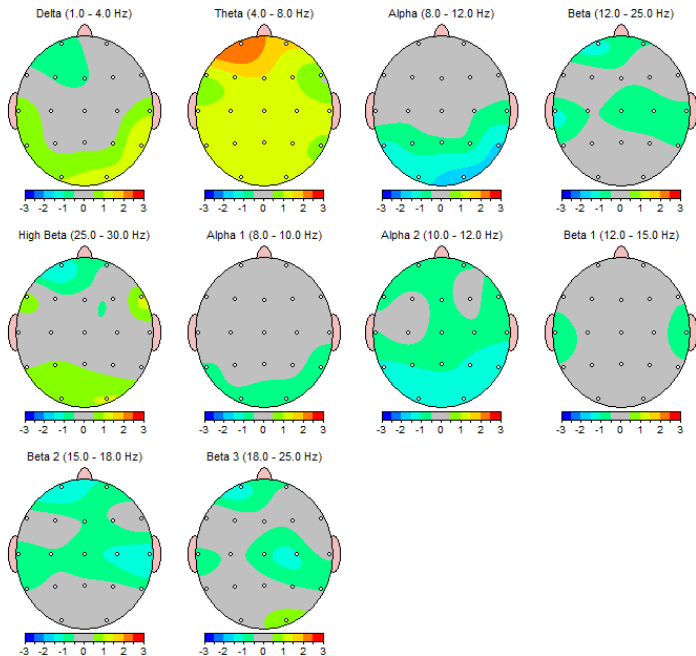


## Z Scored FFT Absolute Power



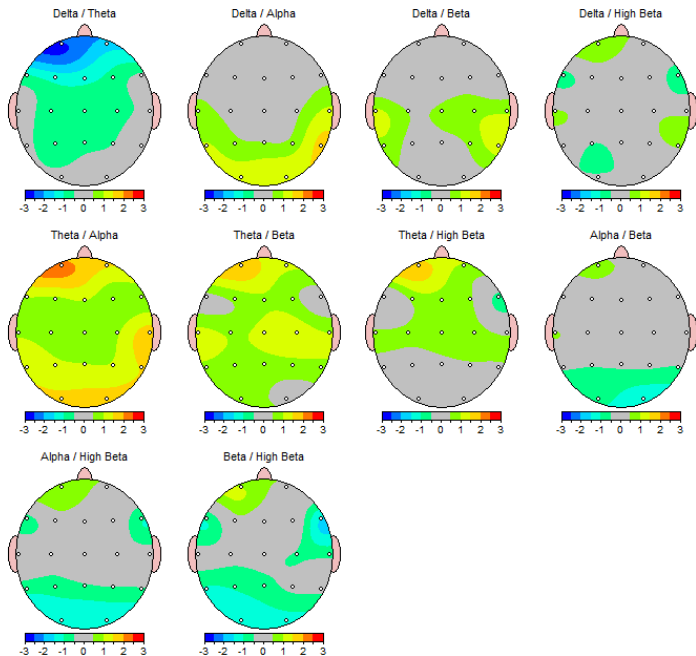
**Z Scored FFT Relative Power**

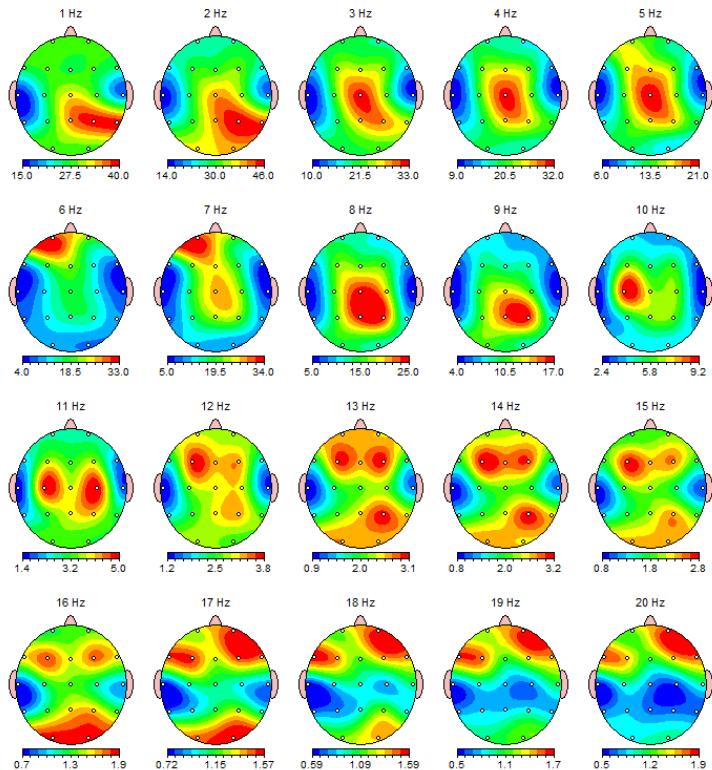
Warning: Absolute power must be consulted to interpret relative power.

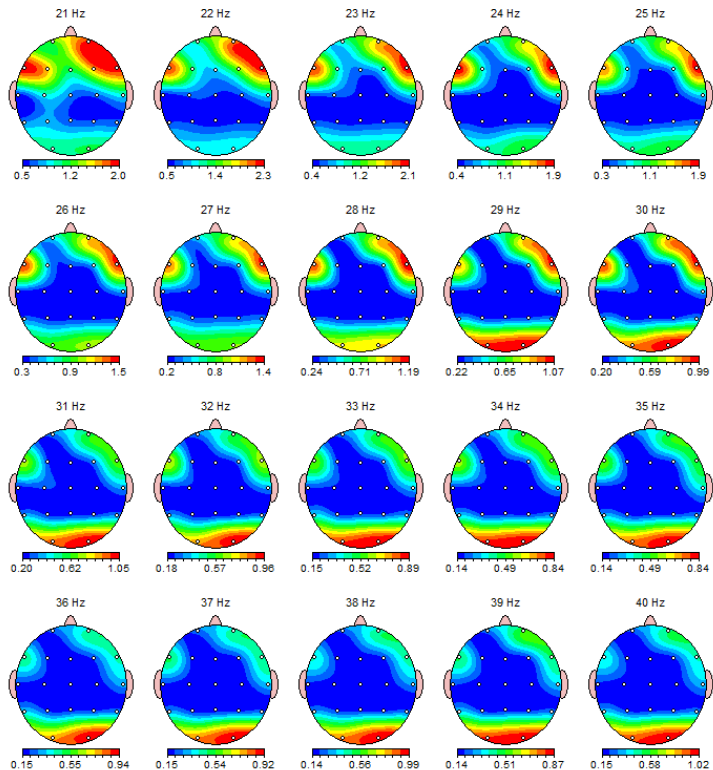


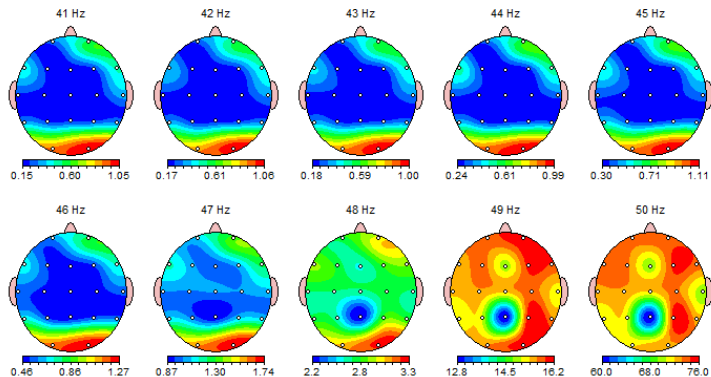


## Z Scored FFT Power Ratio



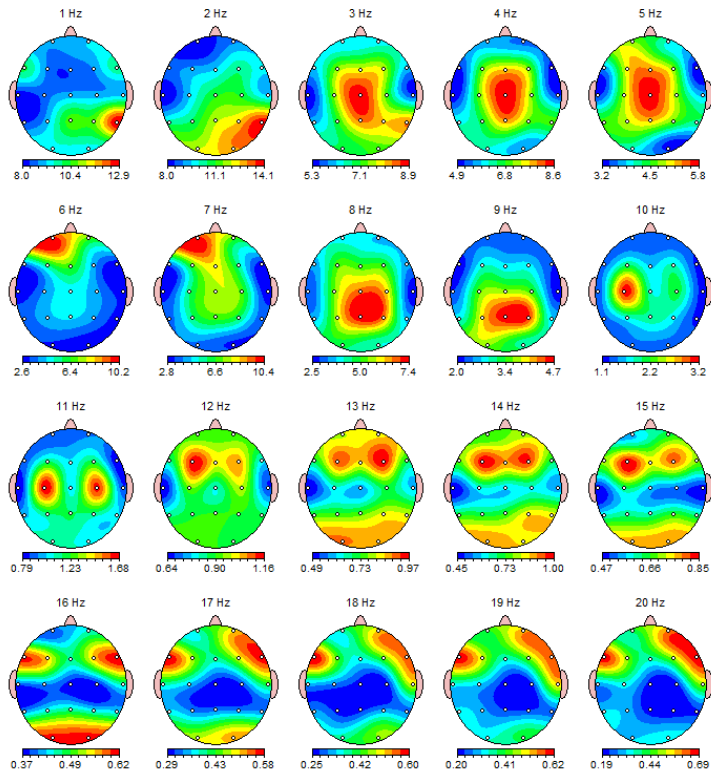
FFT Absolute Power ( $\mu\text{V Sq}$ )

FFT Absolute Power ( $\mu\text{V Sq}$ )

FFT Absolute Power ( $\mu\text{V Sq}$ )

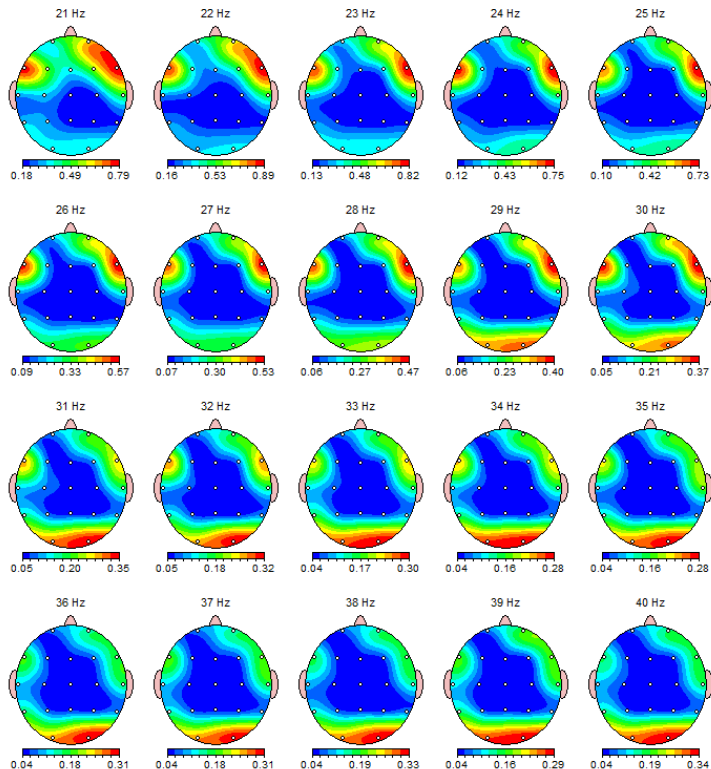
## FFT Relative Power (%)

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



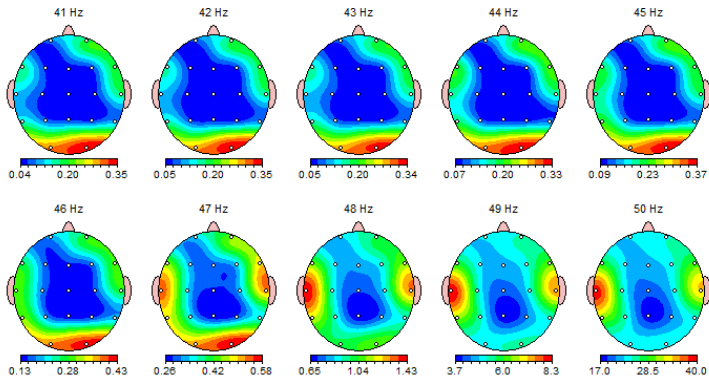
## FFT Relative Power (%)

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

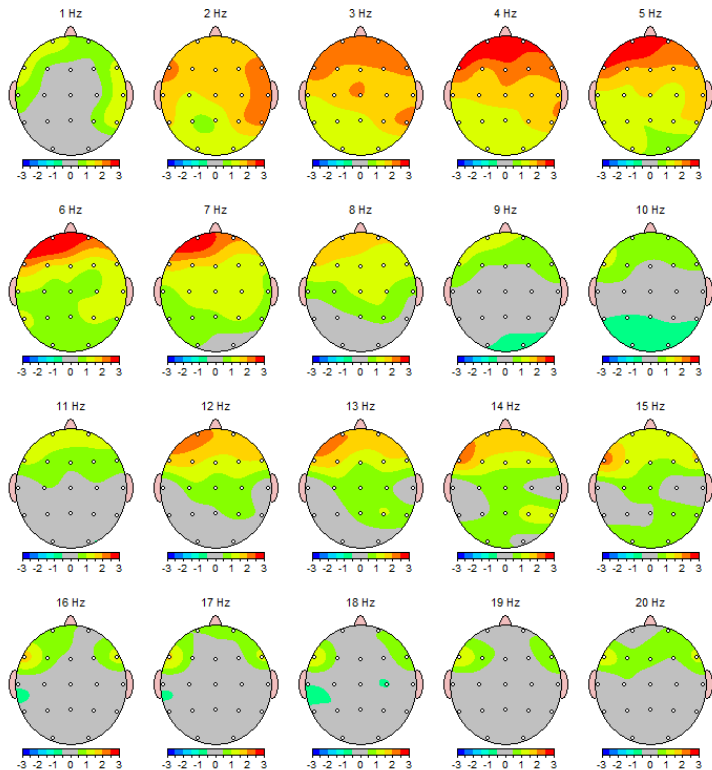


## FFT Relative Power (%)

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

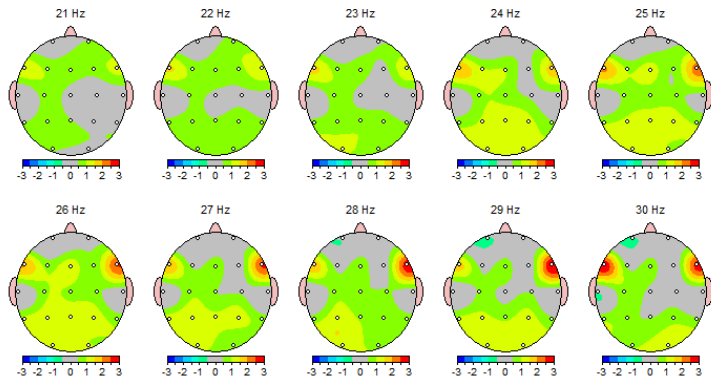


## Z Scored FFT Absolute Power



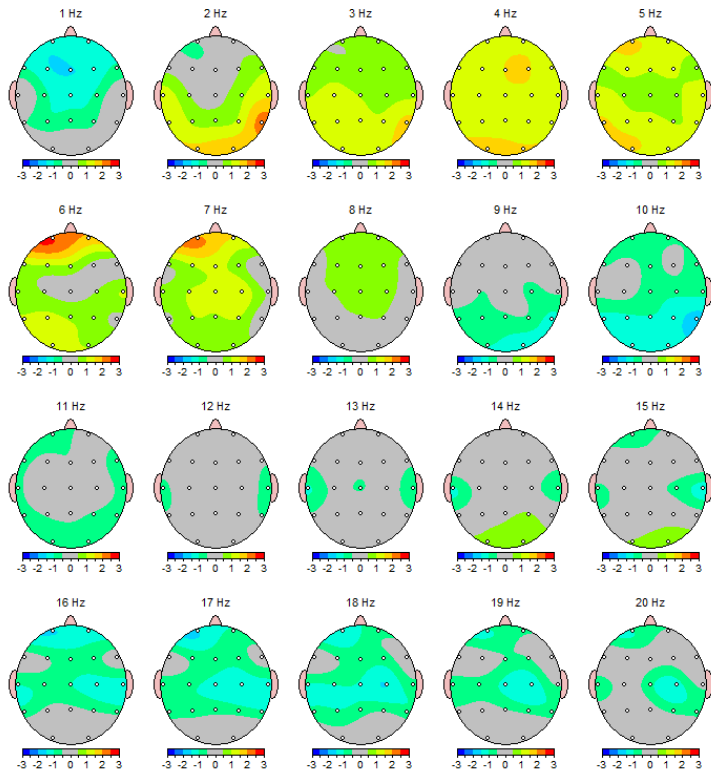


## Z Scored FFT Absolute Power



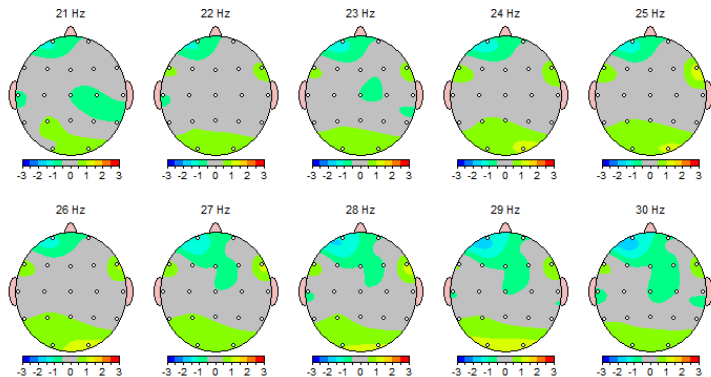
**Z Scored FFT Relative Power**

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

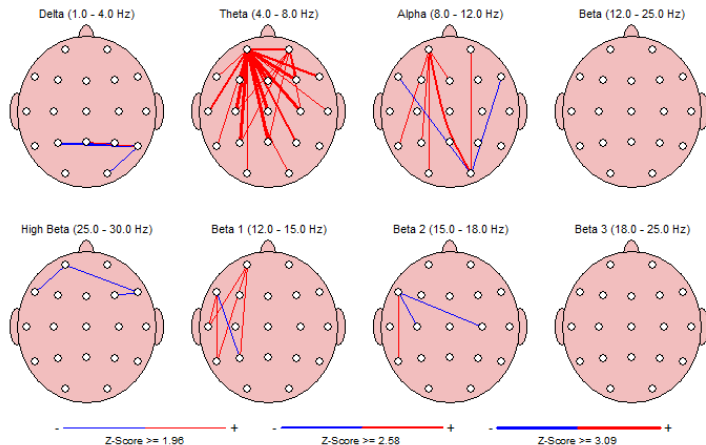


**Z Scored FFT Relative Power**

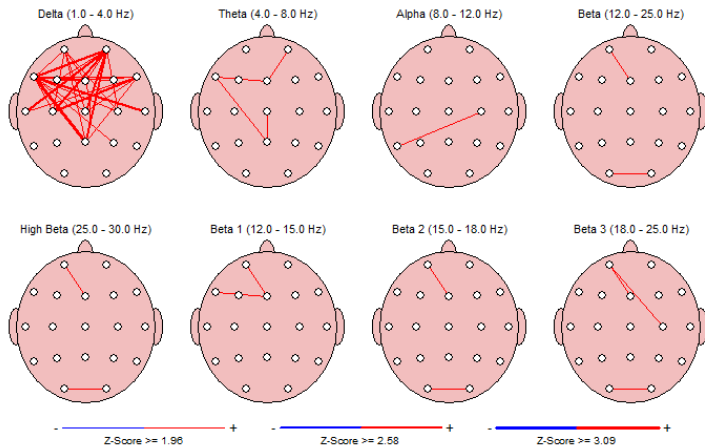
Warning: Absolute power must be consulted to interpret relative power.



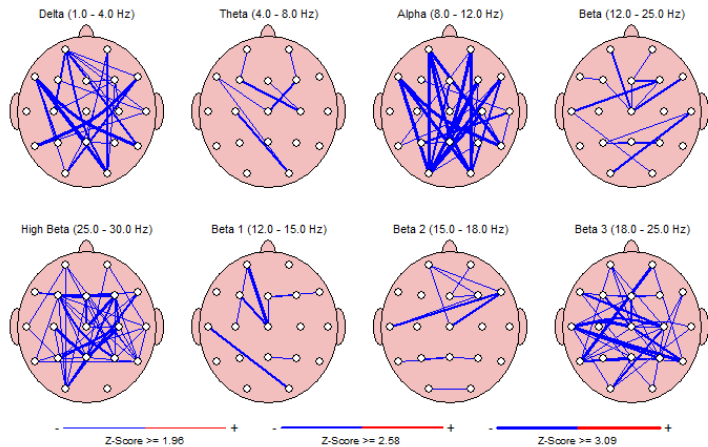
## Z Scored FFT Amplitude Asymmetry



## Z Scored FFT Coherence



## Z Scored FFT Phase Lag



FFT Absolute Power ( $\mu\text{V Sq}$ )

## Intrahemispheric: LEFT

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP1 - LE | 74.89 | 99.63 | 27.55 | 20.18 | 2.44      | 7.93   | 4.35   | 7.91   |
| F3 - LE  | 81.99 | 79.62 | 36.45 | 25.08 | 2.25      | 9.88   | 6.02   | 9.19   |
| C3 - LE  | 75.12 | 64.10 | 40.12 | 15.88 | 1.48      | 6.40   | 4.07   | 5.42   |
| P3 - LE  | 76.88 | 62.02 | 36.28 | 15.51 | 1.64      | 6.70   | 4.02   | 4.78   |
| O1 - LE  | 86.75 | 52.29 | 33.03 | 21.18 | 4.63      | 8.29   | 5.65   | 7.24   |
| F7 - LE  | 65.96 | 43.30 | 20.80 | 23.89 | 6.14      | 6.11   | 4.92   | 12.86  |
| T3 - LE  | 40.04 | 26.08 | 13.67 | 9.22  | 1.64      | 2.99   | 2.36   | 3.87   |
| T5 - LE  | 58.51 | 42.76 | 20.97 | 13.58 | 2.26      | 5.46   | 3.29   | 4.83   |

## Intrahemispheric: RIGHT

|          | DELTA  | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|--------|-------|-------|-------|-----------|--------|--------|--------|
| FP2 - LE | 74.43  | 68.50 | 24.58 | 24.94 | 5.37      | 7.76   | 4.90   | 12.28  |
| F4 - LE  | 83.72  | 67.35 | 33.62 | 24.38 | 2.60      | 9.25   | 5.73   | 9.41   |
| C4 - LE  | 82.91  | 69.38 | 40.32 | 15.20 | 1.43      | 7.06   | 3.71   | 4.42   |
| P4 - LE  | 114.11 | 77.96 | 50.33 | 19.72 | 1.72      | 9.37   | 5.31   | 5.04   |
| O2 - LE  | 89.76  | 45.21 | 28.94 | 21.55 | 5.02      | 7.82   | 5.75   | 7.98   |
| F8 - LE  | 65.32  | 35.65 | 19.71 | 23.20 | 6.81      | 5.60   | 4.80   | 12.80  |
| T4 - LE  | 49.95  | 30.30 | 13.60 | 13.20 | 2.52      | 3.79   | 2.79   | 6.62   |
| T6 - LE  | 107.46 | 54.05 | 26.20 | 16.78 | 2.04      | 7.72   | 4.32   | 4.75   |

## Intrahemispheric: CENTER

|         | DELTA  | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|---------|--------|-------|-------|-------|-----------|--------|--------|--------|
| Fz - LE | 83.05  | 89.15 | 33.77 | 20.52 | 1.58      | 8.76   | 5.12   | 6.64   |
| Cz - LE | 105.01 | 97.42 | 48.87 | 16.42 | 1.47      | 7.26   | 4.45   | 4.70   |
| Pz - LE | 104.68 | 83.20 | 51.07 | 17.31 | 1.54      | 8.06   | 4.74   | 4.52   |

## Z Scored FFT Absolute Power

## Intrahemispheric: LEFT

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP1 - LE | 1.93  | 3.09  | 1.46  | 0.70  | -0.18     | 1.85   | 0.88   | 0.30   |
| F3 - LE  | 1.43  | 1.74  | 0.91  | 0.99  | 0.75      | 1.44   | 0.92   | 0.79   |
| C3 - LE  | 1.23  | 1.33  | 0.32  | 0.43  | 0.83      | 0.55   | 0.31   | 0.42   |
| P3 - LE  | 0.67  | 0.94  | -0.18 | 0.31  | 1.33      | 0.39   | 0.12   | 0.42   |
| O1 - LE  | 0.87  | 0.93  | -0.50 | 0.41  | 1.24      | 0.31   | 0.47   | 0.52   |
| F7 - LE  | 1.83  | 2.23  | 1.30  | 1.58  | 1.88      | 1.78   | 1.69   | 1.49   |
| T3 - LE  | 1.39  | 1.21  | 0.37  | -0.22 | -0.11     | -0.12  | -0.15  | -0.17  |
| T5 - LE  | 1.12  | 1.08  | -0.20 | 0.23  | 1.06      | 0.20   | 0.07   | 0.46   |

## Intrahemispheric: RIGHT

|          | DELTA | THETA | ALPHA | BETA | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|------|-----------|--------|--------|--------|
| FP2 - LE | 1.55  | 2.39  | 1.22  | 0.78 | 0.40      | 1.66   | 0.79   | 0.59   |
| F4 - LE  | 1.54  | 1.57  | 0.84  | 0.80 | 0.42      | 1.32   | 0.66   | 0.59   |
| C4 - LE  | 1.37  | 1.38  | 0.27  | 0.18 | 0.63      | 0.64   | -0.08  | -0.09  |
| P4 - LE  | 1.45  | 1.28  | 0.13  | 0.71 | 1.17      | 0.94   | 0.51   | 0.53   |
| O2 - LE  | 0.77  | 0.66  | -0.72 | 0.31 | 1.14      | 0.12   | 0.36   | 0.53   |
| F8 - LE  | 1.84  | 1.67  | 1.08  | 1.28 | 2.08      | 1.35   | 1.25   | 1.28   |
| T4 - LE  | 1.89  | 1.57  | 0.26  | 0.16 | 0.36      | 0.20   | -0.13  | 0.31   |
| T6 - LE  | 1.85  | 1.20  | -0.10 | 0.56 | 0.68      | 0.76   | 0.53   | 0.36   |

## Intrahemispheric: CENTER

|         | DELTA | THETA | ALPHA | BETA | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|---------|-------|-------|-------|------|-----------|--------|--------|--------|
| Fz - LE | 1.44  | 1.66  | 0.78  | 0.83 | 1.10      | 1.13   | 0.65   | 0.68   |
| Cz - LE | 1.48  | 1.47  | 0.57  | 0.40 | 0.74      | 0.67   | 0.31   | 0.16   |
| Pz - LE | 0.79  | 0.99  | -0.03 | 0.42 | 1.28      | 0.58   | 0.23   | 0.40   |



## FFT Relative Power (%)

## Intrahemispheric: LEFT

|          | DELTA | THETA | ALPHA | BETA | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|------|-----------|--------|--------|--------|
| FP1 - LE | 23.19 | 30.85 | 8.53  | 6.25 | 0.76      | 2.45   | 1.35   | 2.45   |
| F3 - LE  | 25.43 | 24.69 | 11.30 | 7.78 | 0.70      | 3.06   | 1.87   | 2.85   |
| C3 - LE  | 25.66 | 21.89 | 13.70 | 5.42 | 0.51      | 2.18   | 1.39   | 1.85   |
| P3 - LE  | 26.94 | 21.73 | 12.71 | 5.43 | 0.58      | 2.35   | 1.41   | 1.67   |
| O1 - LE  | 28.47 | 17.16 | 10.84 | 6.95 | 1.52      | 2.72   | 1.85   | 2.38   |
| F7 - LE  | 25.16 | 16.52 | 7.93  | 9.11 | 2.34      | 2.33   | 1.88   | 4.91   |
| T3 - LE  | 21.43 | 13.96 | 7.32  | 4.94 | 0.88      | 1.60   | 1.26   | 2.07   |
| T5 - LE  | 24.94 | 18.22 | 8.94  | 5.79 | 0.96      | 2.33   | 1.40   | 2.06   |

## Intrahemispheric: RIGHT

|          | DELTA | THETA | ALPHA | BETA | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|------|-----------|--------|--------|--------|
| FP2 - LE | 24.64 | 22.68 | 8.14  | 8.25 | 1.78      | 2.57   | 1.62   | 4.06   |
| F4 - LE  | 26.90 | 21.65 | 10.80 | 7.84 | 0.84      | 2.97   | 1.84   | 3.02   |
| C4 - LE  | 27.11 | 22.69 | 13.18 | 4.97 | 0.47      | 2.31   | 1.21   | 1.45   |
| P4 - LE  | 31.37 | 21.43 | 13.83 | 5.42 | 0.47      | 2.58   | 1.46   | 1.38   |
| O2 - LE  | 29.79 | 15.01 | 9.61  | 7.15 | 1.67      | 2.60   | 1.91   | 2.65   |
| F8 - LE  | 25.70 | 14.03 | 7.75  | 9.13 | 2.66      | 2.20   | 1.89   | 5.04   |
| T4 - LE  | 24.46 | 14.84 | 6.66  | 6.46 | 1.23      | 1.86   | 1.37   | 3.24   |
| T6 - LE  | 35.29 | 17.75 | 8.60  | 5.51 | 0.67      | 2.53   | 1.42   | 1.66   |

## Intrahemispheric: CENTER

|         | DELTA | THETA | ALPHA | BETA | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|---------|-------|-------|-------|------|-----------|--------|--------|--------|
| Fz - LE | 25.96 | 27.86 | 10.55 | 6.41 | 0.49      | 2.74   | 1.60   | 2.08   |
| Cz - LE | 28.88 | 26.79 | 13.44 | 4.52 | 0.40      | 2.00   | 1.22   | 1.29   |
| Pz - LE | 31.01 | 24.65 | 15.13 | 5.13 | 0.46      | 2.39   | 1.40   | 1.34   |

## Z Scored FFT Relative Power

## Intrahemispheric: LEFT

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP1 - LE | -0.68 | 2.35  | -0.26 | -1.11 | -1.24     | -0.26  | -1.33  | -1.13  |
| F3 - LE  | -0.58 | 1.38  | -0.10 | -0.09 | -0.23     | 0.37   | -0.27  | -0.10  |
| C3 - LE  | 0.13  | 1.19  | -0.31 | -0.48 | -0.12     | -0.20  | -0.57  | -0.38  |
| P3 - LE  | 0.33  | 1.34  | -0.79 | -0.05 | 0.63      | 0.11   | -0.24  | 0.08   |
| O1 - LE  | 0.98  | 1.39  | -1.42 | 0.25  | 0.95      | 0.18   | 0.30   | 0.35   |
| F7 - LE  | -0.25 | 1.03  | -0.36 | 0.15  | 0.69      | -0.15  | -0.15  | 0.37   |
| T3 - LE  | 0.81  | 1.07  | -0.18 | -1.03 | -0.37     | -0.95  | -0.87  | -0.69  |
| T5 - LE  | 0.78  | 1.23  | -1.11 | -0.40 | 0.45      | -0.37  | -0.56  | -0.08  |

## Intrahemispheric: RIGHT

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP2 - LE | -0.24 | 1.67  | -0.11 | -0.54 | -0.45     | 0.08   | -0.85  | -0.45  |
| F4 - LE  | -0.14 | 1.09  | -0.02 | -0.26 | -0.33     | 0.34   | -0.48  | -0.26  |
| C4 - LE  | 0.24  | 1.39  | -0.46 | -0.92 | -0.23     | -0.12  | -1.10  | -1.02  |
| P4 - LE  | 0.52  | 1.21  | -0.78 | -0.23 | 0.15      | 0.20   | -0.33  | -0.44  |
| O2 - LE  | 1.10  | 1.17  | -1.62 | 0.44  | 1.01      | 0.22   | 0.47   | 0.64   |
| F8 - LE  | 0.04  | 0.53  | -0.36 | 0.14  | 1.07      | -0.32  | -0.19  | 0.41   |
| T4 - LE  | 0.85  | 1.14  | -0.65 | -0.78 | -0.06     | -0.96  | -1.32  | -0.31  |
| T6 - LE  | 1.46  | 0.90  | -1.55 | -0.56 | -0.07     | -0.27  | -0.53  | -0.58  |

## Intrahemispheric: CENTER

|         | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|---------|-------|-------|-------|-------|-----------|--------|--------|--------|
| Fz - LE | -0.54 | 1.44  | -0.26 | -0.39 | -0.35     | 0.03   | -0.53  | -0.35  |
| Cz - LE | -0.10 | 1.32  | -0.16 | -0.83 | -0.41     | -0.40  | -0.84  | -0.86  |
| Pz - LE | 0.29  | 1.28  | -0.63 | -0.12 | 0.37      | 0.17   | -0.30  | -0.16  |

## FFT Power Ratio

## Intrahemispheric: LEFT

|          | D/T  | D/A  | D/B  | D/G   | T/A  | T/B  | T/G   | A/B  | A/G   | B/G   |
|----------|------|------|------|-------|------|------|-------|------|-------|-------|
| FP1 - LE | 0.75 | 2.72 | 3.71 | 30.70 | 3.62 | 4.94 | 40.84 | 1.36 | 11.29 | 8.27  |
| F3 - LE  | 1.03 | 2.25 | 3.27 | 36.40 | 2.18 | 3.17 | 35.34 | 1.45 | 16.18 | 11.14 |
| C3 - LE  | 1.17 | 1.87 | 4.73 | 50.63 | 1.60 | 4.04 | 43.20 | 2.53 | 27.04 | 10.70 |
| P3 - LE  | 1.24 | 2.12 | 4.96 | 46.75 | 1.71 | 4.00 | 37.71 | 2.34 | 22.06 | 9.43  |
| O1 - LE  | 1.66 | 2.63 | 4.10 | 18.72 | 1.58 | 2.47 | 11.28 | 1.56 | 7.13  | 4.57  |
| F7 - LE  | 1.52 | 3.17 | 2.76 | 10.74 | 2.08 | 1.81 | 7.05  | 0.87 | 3.39  | 3.89  |
| T3 - LE  | 1.54 | 2.93 | 4.34 | 24.41 | 1.91 | 2.83 | 15.90 | 1.48 | 8.33  | 5.62  |
| T5 - LE  | 1.37 | 2.79 | 4.31 | 25.86 | 2.04 | 3.15 | 18.90 | 1.54 | 9.27  | 6.00  |

## Intrahemispheric: RIGHT

|          | D/T  | D/A  | D/B  | D/G   | T/A  | T/B  | T/G   | A/B  | A/G   | B/G   |
|----------|------|------|------|-------|------|------|-------|------|-------|-------|
| FP2 - LE | 1.09 | 3.03 | 2.98 | 13.86 | 2.79 | 2.75 | 12.75 | 0.99 | 4.58  | 4.64  |
| F4 - LE  | 1.24 | 2.49 | 3.43 | 32.16 | 2.00 | 2.76 | 25.87 | 1.38 | 12.91 | 9.37  |
| C4 - LE  | 1.19 | 2.06 | 5.46 | 58.02 | 1.72 | 4.57 | 48.56 | 2.65 | 28.22 | 10.64 |
| P4 - LE  | 1.46 | 2.27 | 5.79 | 66.41 | 1.55 | 3.95 | 45.37 | 2.55 | 29.29 | 11.47 |
| O2 - LE  | 1.99 | 3.10 | 4.17 | 17.87 | 1.56 | 2.10 | 9.00  | 1.34 | 5.76  | 4.29  |
| F8 - LE  | 1.83 | 3.31 | 2.82 | 9.60  | 1.81 | 1.54 | 5.24  | 0.85 | 2.89  | 3.41  |
| T4 - LE  | 1.65 | 3.67 | 3.78 | 19.81 | 2.23 | 2.30 | 12.02 | 1.03 | 5.40  | 5.24  |
| T6 - LE  | 1.99 | 4.10 | 6.40 | 52.74 | 2.06 | 3.22 | 26.53 | 1.56 | 12.86 | 8.24  |

## Intrahemispheric: CENTER

|         | D/T  | D/A  | D/B  | D/G   | T/A  | T/B  | T/G   | A/B  | A/G   | B/G   |
|---------|------|------|------|-------|------|------|-------|------|-------|-------|
| Fz - LE | 0.93 | 2.46 | 4.05 | 52.57 | 2.64 | 4.34 | 56.43 | 1.65 | 21.37 | 12.99 |
| Cz - LE | 1.08 | 2.15 | 6.39 | 71.62 | 1.99 | 5.93 | 66.44 | 2.98 | 33.33 | 11.20 |
| Pz - LE | 1.26 | 2.05 | 6.05 | 67.82 | 1.83 | 4.81 | 53.90 | 2.95 | 33.09 | 11.22 |

## Z Scored FFT Power Ratio

## Intrahemispheric: LEFT

|          | D/T   | D/A   | D/B   | D/G   | T/A  | T/B  | T/G   | A/B   | A/G   | B/G   |
|----------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|
| FP1 - LE | -2.57 | -0.18 | 0.46  | 0.81  | 2.16 | 1.77 | 1.70  | 0.60  | 0.92  | 1.00  |
| F3 - LE  | -1.22 | -0.18 | -0.19 | -0.01 | 0.88 | 0.62 | 0.63  | 0.00  | 0.12  | 0.25  |
| C3 - LE  | -0.83 | 0.25  | 0.46  | 0.21  | 0.71 | 0.92 | 0.63  | 0.06  | -0.10 | -0.29 |
| P3 - LE  | -0.84 | 0.63  | 0.28  | -0.51 | 1.11 | 0.79 | 0.10  | -0.47 | -0.79 | -0.94 |
| O1 - LE  | -0.33 | 1.29  | 0.48  | -0.49 | 1.57 | 0.67 | -0.37 | -0.92 | -1.30 | -1.24 |
| F7 - LE  | -0.91 | 0.16  | -0.21 | -0.68 | 0.97 | 0.33 | -0.26 | -0.31 | -0.67 | -0.91 |
| T3 - LE  | -0.27 | 0.64  | 1.06  | 0.52  | 0.93 | 1.15 | 0.59  | 0.51  | 0.20  | -0.31 |
| T5 - LE  | -0.45 | 1.03  | 0.82  | -0.13 | 1.36 | 0.89 | 0.09  | -0.41 | -0.84 | -1.07 |

## Intrahemispheric: RIGHT

|          | D/T   | D/A   | D/B   | D/G   | T/A  | T/B  | T/G   | A/B   | A/G   | B/G   |
|----------|-------|-------|-------|-------|------|------|-------|-------|-------|-------|
| FP2 - LE | -1.75 | -0.05 | 0.25  | 0.29  | 1.54 | 1.14 | 0.89  | 0.29  | 0.32  | 0.23  |
| F4 - LE  | -0.83 | -0.05 | 0.14  | 0.26  | 0.63 | 0.66 | 0.60  | 0.16  | 0.25  | 0.25  |
| C4 - LE  | -0.76 | 0.39  | 0.84  | 0.39  | 0.93 | 1.32 | 0.74  | 0.20  | -0.11 | -0.53 |
| P4 - LE  | -0.49 | 0.69  | 0.59  | 0.17  | 1.07 | 0.81 | 0.39  | -0.38 | -0.50 | -0.41 |
| O2 - LE  | -0.01 | 1.48  | 0.42  | -0.49 | 1.62 | 0.40 | -0.47 | -1.16 | -1.39 | -1.15 |
| F8 - LE  | -0.38 | 0.28  | -0.09 | -0.89 | 0.70 | 0.14 | -0.65 | -0.30 | -0.95 | -1.51 |
| T4 - LE  | -0.32 | 1.10  | 0.90  | 0.31  | 1.72 | 0.99 | 0.39  | 0.09  | -0.21 | -0.66 |
| T6 - LE  | 0.35  | 1.63  | 1.30  | 0.58  | 1.52 | 0.83 | 0.36  | -0.52 | -0.53 | -0.37 |

## Intrahemispheric: CENTER

|         | D/T   | D/A   | D/B  | D/G   | T/A  | T/B  | T/G  | A/B   | A/G   | B/G   |
|---------|-------|-------|------|-------|------|------|------|-------|-------|-------|
| Fz - LE | -1.13 | -0.07 | 0.02 | 0.04  | 1.01 | 0.91 | 0.81 | 0.09  | 0.09  | 0.02  |
| Cz - LE | -0.81 | 0.06  | 0.62 | 0.37  | 0.67 | 1.16 | 0.80 | 0.40  | 0.17  | -0.32 |
| Pz - LE | -0.70 | 0.51  | 0.34 | -0.22 | 1.01 | 0.81 | 0.29 | -0.35 | -0.56 | -0.67 |

## Peak Frequency (Hz)

## Intrahemispheric: LEFT

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP1 - LE | 2.16  | 6.06  | 9.11  | 16.86 | 26.85     | 13.16  | 16.12  | 20.97  |
| F3 - LE  | 2.22  | 5.75  | 9.14  | 16.71 | 26.83     | 13.20  | 16.03  | 20.92  |
| C3 - LE  | 2.23  | 5.64  | 9.31  | 16.50 | 27.06     | 13.09  | 16.04  | 20.86  |
| P3 - LE  | 2.19  | 5.68  | 9.09  | 16.28 | 27.10     | 13.17  | 16.03  | 20.87  |
| O1 - LE  | 2.17  | 5.52  | 9.14  | 16.70 | 27.27     | 13.23  | 16.08  | 21.17  |
| F7 - LE  | 2.12  | 5.63  | 9.19  | 18.23 | 26.95     | 13.21  | 16.17  | 21.40  |
| T3 - LE  | 2.15  | 5.49  | 9.24  | 17.28 | 26.97     | 13.12  | 16.17  | 21.16  |
| T5 - LE  | 2.17  | 5.54  | 9.20  | 16.68 | 27.16     | 13.19  | 16.07  | 21.03  |

## Intrahemispheric: RIGHT

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP2 - LE | 2.15  | 5.88  | 9.16  | 17.73 | 27.00     | 13.19  | 16.15  | 21.23  |
| F4 - LE  | 2.22  | 5.63  | 9.15  | 16.89 | 26.93     | 13.21  | 16.07  | 21.00  |
| C4 - LE  | 2.20  | 5.72  | 9.16  | 16.09 | 26.99     | 13.09  | 16.06  | 20.90  |
| P4 - LE  | 2.18  | 5.65  | 9.03  | 15.88 | 27.05     | 13.24  | 16.01  | 20.66  |
| O2 - LE  | 2.18  | 5.48  | 9.17  | 16.92 | 27.23     | 13.24  | 16.11  | 21.13  |
| F8 - LE  | 2.12  | 5.50  | 9.15  | 18.39 | 26.95     | 13.20  | 16.18  | 21.50  |
| T4 - LE  | 2.12  | 5.47  | 9.29  | 17.79 | 26.94     | 13.18  | 16.19  | 21.11  |
| T6 - LE  | 2.14  | 5.43  | 9.19  | 16.11 | 27.08     | 13.24  | 16.03  | 20.85  |

## Intrahemispheric: CENTER

|         | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|---------|-------|-------|-------|-------|-----------|--------|--------|--------|
| Fz - LE | 2.24  | 5.79  | 9.08  | 16.36 | 26.91     | 13.21  | 16.02  | 20.79  |
| Cz - LE | 2.26  | 5.68  | 9.00  | 16.11 | 27.00     | 13.13  | 16.02  | 20.80  |
| Pz - LE | 2.19  | 5.67  | 9.02  | 15.93 | 27.04     | 13.17  | 16.03  | 20.76  |

## Z Scored Peak Frequency

## Intrahemispheric: LEFT

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP1 - LE | 2.23  | 1.36  | -1.04 | -1.01 | -1.23     | -0.28  | -1.31  | -0.62  |
| F3 - LE  | 2.11  | 0.21  | -0.71 | -0.24 | -1.14     | 0.09   | -1.70  | 0.58   |
| C3 - LE  | 2.23  | -0.08 | -0.45 | -0.09 | -0.10     | -0.43  | -1.58  | 0.93   |
| P3 - LE  | 2.23  | -0.11 | -0.82 | 0.18  | -0.05     | 0.30   | -1.57  | 1.52   |
| O1 - LE  | 1.80  | -0.73 | -0.81 | 0.49  | 0.77      | 0.89   | -1.11  | 1.43   |
| F7 - LE  | 1.60  | -0.05 | -0.68 | 0.68  | -0.53     | 0.48   | -0.86  | 1.08   |
| T3 - LE  | 1.12  | -0.38 | -0.64 | 0.01  | -0.73     | -0.48  | -0.52  | 0.77   |
| T5 - LE  | 1.83  | -0.52 | -0.60 | 0.39  | 0.30      | 0.36   | -0.99  | 1.21   |

## Intrahemispheric: RIGHT

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP2 - LE | 2.32  | 0.69  | -0.88 | -0.33 | -0.62     | 0.02   | -0.98  | 0.06   |
| F4 - LE  | 2.00  | -0.23 | -0.74 | -0.34 | -0.94     | -0.04  | -1.29  | 0.59   |
| C4 - LE  | 1.77  | 0.33  | -0.90 | -0.78 | -0.43     | -0.47  | -1.21  | 1.22   |
| P4 - LE  | 2.09  | -0.10 | -0.93 | -0.54 | -0.63     | 0.76   | -1.53  | 0.69   |
| O2 - LE  | 2.20  | -0.86 | -0.71 | 0.79  | 0.18      | 0.84   | -0.77  | 1.26   |
| F8 - LE  | 1.66  | -0.59 | -0.87 | 0.87  | -0.18     | 0.24   | -0.48  | 1.49   |
| T4 - LE  | 1.05  | -0.56 | -0.58 | 0.42  | -1.16     | 0.02   | -0.58  | 0.72   |
| T6 - LE  | 1.76  | -0.84 | -0.65 | -0.29 | -0.36     | 0.80   | -1.44  | 0.53   |

## Intrahemispheric: CENTER

|         | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|---------|-------|-------|-------|-------|-----------|--------|--------|--------|
| Fz - LE | 1.99  | 0.21  | -0.86 | -0.28 | -0.59     | 0.12   | -1.36  | 0.67   |
| Cz - LE | 2.18  | 0.08  | -1.07 | -0.54 | -0.40     | -0.18  | -1.58  | 0.93   |
| Pz - LE | 2.09  | -0.13 | -0.89 | -0.20 | -0.70     | 0.41   | -1.09  | 1.37   |

## FFT Amplitude Asymmetry

## Intrahemispheric: LEFT

|        | DELTA  | THETA  | ALPHA  | BETA   |
|--------|--------|--------|--------|--------|
| FP1 F3 | -9.05  | 22.33  | -27.83 | -21.66 |
| FP1 C3 | -0.30  | 43.41  | -37.18 | 23.84  |
| FP1 P3 | -2.62  | 46.54  | -27.36 | 26.20  |
| FP1 O1 | -14.67 | 62.32  | -18.12 | -4.84  |
| FP1 F7 | 12.69  | 78.82  | 27.92  | -16.83 |
| FP1 T3 | 60.65  | 117.02 | 67.34  | 74.56  |
| FP1 T5 | 24.56  | 79.88  | 27.13  | 39.09  |
| F3 C3  | 8.75   | 21.60  | -9.59  | 44.92  |
| F3 P3  | 6.43   | 24.86  | 0.48   | 47.19  |
| F3 O1  | -5.65  | 41.43  | 9.84   | 16.88  |
| F3 F7  | 21.67  | 59.08  | 54.69  | 4.87   |
| F3 T3  | 68.76  | 101.31 | 90.91  | 92.49  |
| F3 T5  | 33.42  | 60.24  | 53.94  | 59.49  |
| C3 P3  | -2.32  | 3.30   | 10.08  | 2.39   |
| C3 O1  | -14.38 | 20.28  | 19.39  | -28.60 |
| C3 F7  | 12.99  | 38.72  | 63.46  | -40.27 |
| C3 T3  | 60.92  | 84.32  | 98.36  | 53.08  |
| C3 T5  | 24.86  | 39.94  | 62.73  | 15.81  |
| P3 O1  | -12.06 | 17.01  | 9.36   | -30.94 |
| P3 F7  | 15.30  | 35.53  | 54.25  | -42.56 |
| P3 T3  | 63.03  | 81.59  | 90.53  | 50.85  |
| P3 T5  | 27.14  | 36.76  | 53.49  | 13.23  |
| O1 F7  | 27.23  | 18.81  | 45.47  | -12.02 |
| O1 T3  | 73.69  | 66.90  | 82.93  | 78.69  |
| O1 T5  | 38.89  | 20.06  | 44.70  | 43.72  |
| F7 T3  | 48.91  | 49.66  | 41.36  | 88.61  |
| F7 T5  | 11.97  | 1.27   | -0.81  | 55.02  |
| T3 T5  | -37.48 | -48.46 | -42.14 | -38.26 |

## Intrahemispheric: RIGHT

|        | DELTA  | THETA  | ALPHA  | BETA   |
|--------|--------|--------|--------|--------|
| FP2 F4 | -11.74 | 1.69   | -31.04 | 2.25   |
| FP2 C4 | -10.77 | -1.27  | -48.48 | 48.54  |
| FP2 P4 | -42.09 | -12.91 | -68.72 | 23.39  |
| FP2 O2 | -18.67 | 40.96  | -16.27 | 14.60  |
| FP2 F8 | 13.04  | 63.09  | 22.03  | 7.21   |
| FP2 T4 | 39.36  | 77.32  | 57.50  | 61.54  |
| FP2 T6 | -36.32 | 23.59  | -6.35  | 39.09  |
| F4 C4  | 0.97   | -2.96  | -18.12 | 46.41  |
| F4 P4  | -30.73 | -14.60 | -39.81 | 21.17  |
| F4 O2  | -6.96  | 39.34  | 14.96  | 12.36  |
| F4 F8  | 24.69  | 61.56  | 52.18  | 4.96   |
| F4 T4  | 50.52  | 75.88  | 84.76  | 59.50  |
| F4 T6  | -24.84 | 21.91  | 24.81  | 36.92  |
| C4 P4  | -31.68 | -11.65 | -22.09 | -25.88 |
| C4 O2  | -7.93  | 42.18  | 32.86  | -34.55 |
| C4 F8  | 23.73  | 64.23  | 68.68  | -41.69 |
| C4 T4  | 49.61  | 78.40  | 99.08  | 14.06  |
| C4 T6  | -25.79 | 24.84  | 42.45  | -9.91  |
| P4 O2  | 23.89  | 63.17  | 53.96  | -8.87  |
| P4 F8  | 54.39  | 74.48  | 87.45  | -16.25 |
| P4 T4  | 78.22  | 88.04  | 114.88 | 39.58  |
| P4 T6  | 6.01   | 36.22  | 63.06  | 16.07  |
| O2 F8  | 31.52  | 23.65  | 37.96  | -7.41  |
| O2 T4  | 56.98  | 39.48  | 72.09  | 48.03  |
| O2 T6  | -17.95 | -17.81 | 9.94   | 24.85  |
| F8 T4  | 26.66  | 16.21  | 36.63  | 54.94  |
| F8 T6  | -48.78 | -41.02 | -28.29 | 32.11  |
| T4 T6  | -73.07 | -56.30 | -63.28 | -23.89 |

## Interhemispheric: HOMOLOGOUS PAIRS

|         | DELTA  | THETA  | ALPHA | BETA   |
|---------|--------|--------|-------|--------|
| FP1 FP2 | 0.62   | 37.03  | 11.36 | -21.08 |
| C3 C4   | -9.86  | -7.92  | -0.48 | 4.41   |
| O1 O2   | -3.40  | 14.52  | 13.21 | -1.69  |
| T3 T4   | -22.03 | -14.99 | 0.47  | -35.51 |

|       | DELTA  | THETA  | ALPHA  | BETA   |
|-------|--------|--------|--------|--------|
| F3 F4 | -2.09  | 16.69  | 8.09   | 2.84   |
| P3 P4 | -38.98 | -22.78 | -32.45 | -23.89 |
| F7 F8 | 0.97   | 19.39  | 5.38   | 2.93   |
| T5 T6 | -58.99 | -23.33 | -22.19 | -21.07 |

## Z Scored FFT Amplitude Asymmetry

## Intrahemispheric: LEFT

|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP1 F3 | 1.38  | 3.84  | 1.55  | -0.29 |
| FP1 C3 | 1.40  | 4.01  | 1.50  | 0.46  |
| FP1 P3 | 1.67  | 3.91  | 2.41  | 0.54  |
| FP1 O1 | 0.49  | 2.23  | 2.13  | 0.34  |
| FP1 F7 | -0.35 | 2.32  | 0.39  | -1.14 |
| FP1 T3 | 0.65  | 2.63  | 1.52  | 0.89  |
| FP1 T5 | 0.69  | 2.43  | 2.31  | 0.65  |
| F3 C3  | 0.27  | 1.00  | 0.69  | 1.16  |
| F3 P3  | 0.75  | 1.02  | 1.37  | 1.06  |
| F3 O1  | -0.10 | 0.62  | 1.50  | 0.63  |
| F3 F7  | -1.35 | -0.93 | -0.69 | -1.17 |
| F3 T3  | -0.28 | 0.86  | 0.82  | 1.13  |
| F3 T5  | -0.09 | 0.67  | 1.53  | 1.02  |
| C3 P3  | 0.79  | 0.58  | 1.02  | 0.33  |
| C3 O1  | -0.22 | 0.14  | 1.11  | -0.05 |
| C3 F7  | -1.36 | -1.82 | -1.05 | -1.73 |
| C3 T3  | -0.47 | 0.17  | 0.07  | 0.66  |
| C3 T5  | -0.29 | 0.06  | 0.83  | 0.34  |
| P3 O1  | -0.68 | -0.22 | 0.62  | -0.24 |
| P3 F7  | -1.42 | -1.67 | -1.77 | -1.60 |
| P3 T3  | -0.85 | -0.20 | -0.80 | 0.52  |
| P3 T5  | -1.12 | -0.51 | 0.06  | 0.15  |
| O1 F7  | -0.64 | -1.08 | -1.79 | -1.22 |
| O1 T3  | -0.11 | 0.06  | -1.04 | 0.63  |
| O1 T5  | 0.03  | -0.11 | -0.71 | 0.34  |
| F7 T3  | 0.93  | 1.83  | 1.64  | 1.80  |
| F7 T5  | 0.82  | 1.23  | 1.94  | 1.67  |
| T3 T5  | 0.16  | -0.11 | 0.76  | -0.49 |

## Intrahemispheric: RIGHT

|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP2 F4 | 0.76  | 2.71  | 0.93  | 0.18  |
| FP2 C4 | 0.99  | 2.36  | 1.27  | 0.74  |
| FP2 P4 | 0.30  | 1.76  | 1.10  | 0.24  |
| FP2 O2 | 0.54  | 1.85  | 2.51  | 0.51  |
| FP2 F8 | -0.56 | 1.89  | 0.26  | -0.67 |
| FP2 T4 | -0.12 | 1.48  | 1.62  | 0.64  |
| FP2 T6 | -0.63 | 1.11  | 1.65  | 0.39  |
| F4 C4  | 0.32  | 0.45  | 0.80  | 1.02  |
| F4 P4  | -0.42 | 0.06  | 0.66  | 0.14  |
| F4 O2  | 0.15  | 0.79  | 1.94  | 0.47  |
| F4 F8  | -1.40 | -0.56 | -0.57 | -1.10 |
| F4 T4  | -1.14 | -0.08 | 1.06  | 0.55  |
| F4 T6  | -1.35 | -0.07 | 1.21  | 0.29  |
| C4 P4  | -0.80 | -0.36 | 0.14  | -1.49 |
| C4 O2  | 0.02  | 0.70  | 1.39  | -0.23 |
| C4 F8  | -1.55 | -0.84 | -1.12 | -1.49 |
| C4 T4  | -1.53 | -0.56 | 0.17  | 0.00  |
| C4 T6  | -1.73 | -0.44 | 0.56  | -0.60 |
| P4 O2  | 0.63  | 0.95  | 1.43  | 0.50  |
| P4 F8  | -0.52 | -0.37 | -0.95 | -0.84 |
| P4 T4  | -0.40 | -0.11 | 0.08  | 0.47  |
| P4 T6  | -1.31 | -0.20 | 0.46  | 0.21  |
| O2 F8  | -0.85 | -1.11 | -2.45 | -1.08 |
| O2 T4  | -0.75 | -0.97 | -1.37 | 0.18  |
| O2 T6  | -2.06 | -1.24 | -1.48 | -0.27 |
| F8 T4  | 0.34  | 0.45  | 1.84  | 1.15  |
| F8 T6  | -0.38 | 0.19  | 1.60  | 1.01  |
| T4 T6  | -0.70 | -0.06 | 0.45  | -0.40 |

## Interhemispheric: HOMOLOGOUS PAIRS

|         | DELTA | THETA | ALPHA | BETA  |
|---------|-------|-------|-------|-------|
| FP1 FP2 | 0.39  | 2.85  | 1.11  | -0.22 |
| C3 C4   | -0.14 | -0.17 | 0.19  | 0.72  |
| O1 O2   | 0.30  | 0.91  | 0.66  | 0.10  |
| T3 T4   | -0.48 | -0.46 | 0.13  | -0.46 |

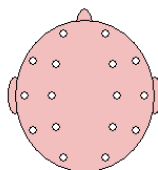
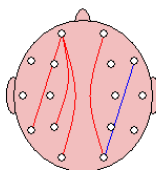
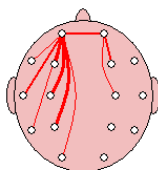
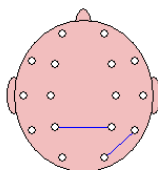
|       | DELTA | THETA | ALPHA | BETA  |
|-------|-------|-------|-------|-------|
| F3 F4 | -0.24 | 0.86  | 0.21  | 0.56  |
| P3 P4 | -2.47 | -1.38 | -0.83 | -1.33 |
| F7 F8 | 0.12  | 0.68  | 0.28  | 0.25  |
| T5 T6 | -1.48 | -0.60 | -0.20 | -0.59 |

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 &gt;= 1.96 +

- Z-Score &gt;= 2.58 +

- Z-Score &gt;= 3.09 +



## FFT Coherence

## Intrahemispheric: LEFT

|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP1 F3 | 74.88 | 68.33 | 70.37 | 61.37 |
| FP1 C3 | 43.35 | 22.98 | 31.84 | 25.98 |
| FP1 P3 | 17.08 | 6.91  | 13.73 | 4.76  |
| FP1 O1 | 2.72  | 0.95  | 4.37  | 0.49  |
| FP1 F7 | 72.37 | 62.01 | 63.98 | 43.07 |
| FP1 T3 | 24.10 | 12.93 | 12.82 | 8.49  |
| FP1 T5 | 3.72  | 1.28  | 6.20  | 1.02  |
| F3 C3  | 70.66 | 61.69 | 61.50 | 50.50 |
| F3 P3  | 30.60 | 26.42 | 25.86 | 7.95  |
| F3 O1  | 5.74  | 5.52  | 8.08  | 0.71  |
| F3 F7  | 71.01 | 76.60 | 76.93 | 45.97 |
| F3 T3  | 28.14 | 25.32 | 24.45 | 15.41 |
| F3 T5  | 6.78  | 6.99  | 11.49 | 1.65  |
| C3 P3  | 68.67 | 68.24 | 61.81 | 47.04 |
| C3 O1  | 23.67 | 23.04 | 22.46 | 10.69 |
| C3 F7  | 49.48 | 45.89 | 49.47 | 25.49 |
| C3 T3  | 39.93 | 40.29 | 40.04 | 33.38 |
| C3 T5  | 26.17 | 26.44 | 31.95 | 16.50 |
| P3 O1  | 62.53 | 61.85 | 65.95 | 53.86 |
| P3 F7  | 21.31 | 17.40 | 23.65 | 4.73  |
| P3 T3  | 34.16 | 32.74 | 34.69 | 24.97 |
| P3 T5  | 57.28 | 60.13 | 65.16 | 55.43 |
| O1 F7  | 3.66  | 3.28  | 8.73  | 0.67  |
| O1 T3  | 10.69 | 8.22  | 14.26 | 8.18  |
| O1 T5  | 56.58 | 55.94 | 63.61 | 46.92 |
| F7 T3  | 43.76 | 36.67 | 36.93 | 20.74 |
| F7 T5  | 7.16  | 5.05  | 13.57 | 1.38  |
| T3 T5  | 33.82 | 31.69 | 41.08 | 26.13 |

## Intrahemispheric: RIGHT

|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP2 F4 | 75.74 | 63.79 | 71.37 | 44.14 |
| FP2 C4 | 41.81 | 26.64 | 32.43 | 17.17 |
| FP2 P4 | 11.34 | 9.22  | 13.90 | 2.94  |
| FP2 O2 | 3.86  | 2.04  | 5.89  | 0.39  |
| FP2 F8 | 67.46 | 42.96 | 58.60 | 29.96 |
| FP2 T4 | 24.18 | 10.72 | 21.16 | 4.44  |
| FP2 T6 | 1.74  | 1.54  | 6.93  | 0.21  |
| F4 C4  | 67.58 | 63.81 | 60.76 | 43.26 |
| F4 P4  | 21.84 | 26.89 | 24.02 | 7.85  |
| F4 O2  | 7.98  | 8.71  | 8.40  | 1.24  |
| F4 F8  | 64.89 | 57.05 | 64.95 | 35.07 |
| F4 T4  | 29.88 | 22.31 | 32.07 | 9.13  |
| F4 T6  | 3.82  | 6.54  | 11.64 | 1.42  |
| C4 P4  | 61.01 | 67.67 | 63.56 | 50.84 |
| C4 O2  | 30.00 | 28.14 | 25.31 | 14.21 |
| C4 F8  | 42.24 | 34.06 | 37.11 | 17.43 |
| C4 T4  | 44.37 | 36.62 | 43.48 | 25.63 |
| C4 T6  | 23.87 | 27.08 | 31.75 | 20.99 |
| P4 O2  | 72.19 | 65.49 | 58.66 | 49.78 |
| P4 F8  | 11.28 | 11.19 | 15.18 | 3.00  |
| P4 T4  | 23.95 | 21.76 | 24.98 | 16.13 |
| P4 T6  | 59.67 | 56.11 | 56.36 | 54.07 |
| O2 F8  | 3.19  | 2.21  | 5.93  | 0.49  |
| O2 T4  | 10.97 | 6.76  | 9.45  | 4.99  |
| O2 T6  | 58.85 | 48.71 | 51.97 | 37.02 |
| F8 T4  | 45.90 | 41.11 | 44.42 | 12.40 |
| F8 T6  | 2.60  | 4.77  | 12.13 | 0.71  |
| T4 T6  | 21.42 | 25.59 | 33.57 | 16.82 |

## Interhemispheric: HOMOLOGOUS PAIRS

|         | DELTA | THETA | ALPHA | BETA  |
|---------|-------|-------|-------|-------|
| FP1 FP2 | 87.97 | 79.79 | 80.07 | 51.49 |
| C3 C4   | 67.23 | 53.87 | 39.04 | 30.46 |
| O1 O2   | 75.17 | 68.92 | 69.87 | 63.07 |
| T3 T4   | 8.42  | 0.18  | 1.05  | 0.07  |

|       | DELTA | THETA | ALPHA | BETA  |
|-------|-------|-------|-------|-------|
| F3 F4 | 74.91 | 60.76 | 52.81 | 37.94 |
| P3 P4 | 56.88 | 51.31 | 49.79 | 33.15 |
| F7 F8 | 38.46 | 18.10 | 23.95 | 3.69  |
| T5 T6 | 16.73 | 8.30  | 13.63 | 4.83  |

## Z Scored FFT Coherence

## Intrahemispheric: LEFT

|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP1 F3 | 1.24  | 0.61  | 0.44  | 1.70  |
| FP1 C3 | 2.31  | 0.12  | 0.69  | 1.61  |
| FP1 P3 | 1.17  | -0.04 | 0.73  | 0.38  |
| FP1 O1 | 0.43  | -0.23 | -0.22 | -0.11 |
| FP1 F7 | 2.42  | 1.00  | 0.44  | 0.91  |
| FP1 T3 | 1.40  | 0.40  | 0.04  | 1.11  |
| FP1 T5 | 0.87  | -0.24 | 0.20  | 0.26  |
| F3 C3  | 1.02  | 0.42  | 0.68  | 0.29  |
| F3 P3  | 0.95  | 0.52  | 1.14  | -0.34 |
| F3 O1  | 0.43  | 0.22  | 0.21  | -0.42 |
| F3 F7  | 1.34  | 1.67  | 1.05  | 0.97  |
| F3 T3  | 0.12  | 0.15  | -0.07 | 0.64  |
| F3 T5  | -0.16 | 0.01  | 0.48  | -0.21 |
| C3 P3  | 0.76  | 0.69  | 0.85  | 0.22  |
| C3 O1  | 0.72  | 0.74  | 1.41  | 0.63  |
| C3 F7  | 2.03  | 1.45  | 1.07  | 0.67  |
| C3 T3  | -0.09 | 0.00  | -0.55 | 0.85  |
| C3 T5  | -0.07 | 0.16  | 1.08  | 0.42  |
| P3 O1  | 0.65  | 0.72  | 0.96  | 0.87  |
| P3 F7  | 1.43  | 0.82  | 1.19  | -0.04 |
| P3 T3  | 0.59  | 0.34  | 0.27  | 0.93  |
| P3 T5  | 0.14  | 0.52  | 0.62  | 0.81  |
| O1 F7  | 1.00  | 0.90  | 0.32  | -0.12 |
| O1 T3  | 0.83  | 0.32  | 0.95  | 1.06  |
| O1 T5  | -0.01 | 0.38  | 0.57  | 0.39  |
| F7 T3  | 0.46  | -0.03 | -0.08 | 0.42  |
| F7 T5  | 0.84  | 0.28  | 0.95  | -0.28 |
| T3 T5  | 0.21  | -0.06 | 0.65  | 0.64  |

## Intrahemispheric: RIGHT

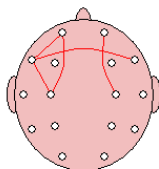
|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP2 F4 | 1.56  | 0.17  | 0.48  | 1.23  |
| FP2 C4 | 2.23  | 0.42  | 0.74  | 0.97  |
| FP2 P4 | 1.22  | 0.52  | 1.10  | 0.19  |
| FP2 O2 | 0.76  | 0.47  | 0.01  | -0.28 |
| FP2 F8 | 1.25  | -1.73 | -0.19 | -0.06 |
| FP2 T4 | 1.26  | -0.26 | 0.58  | 0.34  |
| FP2 T6 | -0.15 | -0.21 | 0.07  | -0.73 |
| F4 C4  | 0.94  | 0.69  | 0.72  | 0.13  |
| F4 P4  | 0.27  | 0.66  | 1.10  | -0.11 |
| F4 O2  | 1.29  | 1.35  | 0.42  | 0.10  |
| F4 F8  | 0.99  | 0.16  | 0.31  | 0.42  |
| F4 T4  | 0.03  | -0.48 | 0.46  | -0.07 |
| F4 T6  | -0.53 | -0.01 | 0.57  | -0.27 |
| C4 P4  | 0.17  | 0.63  | 0.78  | 0.50  |
| C4 O2  | 1.19  | 1.40  | 1.62  | 1.24  |
| C4 F8  | 1.58  | 0.38  | 0.41  | -0.02 |
| C4 T4  | -0.12 | -0.69 | -0.46 | 0.21  |
| C4 T6  | -0.26 | 0.20  | 0.76  | 0.81  |
| P4 O2  | 1.21  | 1.05  | 0.71  | 0.78  |
| P4 F8  | 0.76  | 0.35  | 0.74  | -0.32 |
| P4 T4  | -0.48 | -0.78 | -0.47 | 0.02  |
| P4 T6  | 0.05  | 0.22  | -0.02 | 0.65  |
| O2 F8  | 0.45  | 0.42  | 0.09  | -0.29 |
| O2 T4  | 0.53  | 0.07  | 0.36  | 0.28  |
| O2 T6  | 0.10  | -0.12 | -0.07 | -0.33 |
| F8 T4  | 0.56  | 0.03  | 0.36  | -0.42 |
| F8 T6  | -0.30 | 0.12  | 0.67  | -0.62 |
| T4 T6  | -0.72 | -0.41 | 0.24  | -0.12 |

## Interhemispheric: HOMOLOGOUS PAIRS

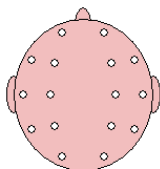
|         | DELTA | THETA | ALPHA | BETA  |
|---------|-------|-------|-------|-------|
| FP1 FP2 | 1.53  | 0.89  | 0.79  | 1.19  |
| C3 C4   | 1.30  | 1.00  | 0.99  | 0.84  |
| O1 O2   | 1.02  | 1.24  | 1.45  | 2.32  |
| T3 T4   | 0.66  | -1.37 | -0.64 | -1.05 |

|       | DELTA | THETA | ALPHA | BETA |
|-------|-------|-------|-------|------|
| F3 F4 | 1.16  | 0.37  | -0.05 | 0.78 |
| P3 P4 | 0.46  | 0.59  | 1.19  | 0.61 |
| F7 F8 | 2.17  | 0.77  | 0.49  | 0.44 |
| T5 T6 | -0.16 | 0.15  | 1.04  | 0.81 |

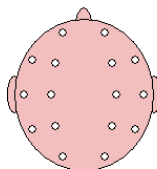
Delta (1.0 - 4.0 Hz)



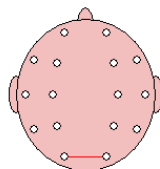
Theta (4.0 - 8.0 Hz)



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 Phase Lag (Deg)

## Intrahemispheric: LEFT

|        | DELTA  | THETA  | ALPHA  | BETA   |
|--------|--------|--------|--------|--------|
| FP1 F3 | 0.09   | -0.48  | -2.31  | 1.75   |
| FP1 C3 | 0.27   | -8.58  | -8.50  | -4.08  |
| FP1 P3 | -4.11  | -21.19 | -9.56  | -25.85 |
| FP1 O1 | -17.19 | -53.31 | -0.14  | -41.96 |
| FP1 F7 | -0.76  | -2.23  | 0.13   | 4.12   |
| FP1 T3 | -5.34  | -14.62 | -21.81 | -3.55  |
| FP1 T5 | -18.91 | -83.57 | -28.06 | -56.33 |
| F3 C3  | 1.26   | -1.95  | -3.28  | -4.77  |
| F3 P3  | -1.16  | -8.86  | -2.26  | -23.51 |
| F3 O1  | -4.60  | -17.91 | 8.48   | -30.77 |
| F3 F7  | -0.65  | -0.63  | 1.92   | 0.52   |
| F3 T3  | -5.71  | -11.96 | -15.69 | -6.51  |
| F3 T5  | -12.29 | -33.87 | -16.15 | -47.61 |
| C3 P3  | -1.21  | -5.01  | -2.62  | -9.75  |
| C3 O1  | 0.87   | -9.05  | 3.53   | -10.04 |
| C3 F7  | -2.17  | 3.04   | 6.32   | 6.09   |
| C3 T3  | -7.01  | -7.88  | -9.25  | -3.35  |
| C3 T5  | -5.61  | -19.60 | -9.42  | -14.50 |
| P3 O1  | 1.95   | -1.49  | 6.27   | -2.04  |
| P3 F7  | -0.09  | 13.49  | 6.02   | 23.49  |
| P3 T3  | -8.49  | -6.05  | -8.55  | 3.77   |
| P3 T5  | -3.26  | -9.93  | -1.44  | -1.87  |
| O1 F7  | 5.14   | 29.96  | -1.04  | 34.87  |
| O1 T3  | -10.29 | -3.29  | -15.87 | 5.09   |
| O1 T5  | -4.98  | -5.60  | -3.89  | 0.10   |
| F7 T3  | -3.60  | -5.36  | -12.06 | -4.76  |
| F7 T5  | -9.18  | -35.98 | -18.97 | -37.13 |
| T3 T5  | 4.89   | -0.74  | 5.72   | -2.67  |

## Intrahemispheric: RIGHT

|        | DELTA  | THETA  | ALPHA  | BETA   |
|--------|--------|--------|--------|--------|
| FP2 F4 | -0.69  | -0.02  | -0.07  | -1.24  |
| FP2 C4 | -1.52  | -6.97  | -1.05  | -5.93  |
| FP2 P4 | -6.07  | -18.83 | 2.30   | -20.24 |
| FP2 O2 | -9.23  | -32.76 | -0.15  | -22.49 |
| FP2 F8 | -1.89  | -0.05  | 1.01   | 1.85   |
| FP2 T4 | -2.12  | -16.15 | -7.93  | -8.72  |
| FP2 T6 | -11.41 | -61.93 | -6.96  | -37.58 |
| F4 C4  | 0.14   | -2.24  | 0.19   | -3.51  |
| F4 P4  | -0.98  | -9.06  | 3.10   | -14.47 |
| F4 O2  | 0.81   | -7.90  | 6.82   | -11.69 |
| F4 F8  | -1.67  | 2.01   | 2.40   | 4.84   |
| F4 T4  | -4.59  | -12.10 | -8.02  | -4.00  |
| F4 T6  | -9.74  | -25.69 | -3.95  | -19.04 |
| C4 P4  | 1.02   | -4.30  | -0.40  | -4.68  |
| C4 O2  | 4.32   | -1.79  | 1.52   | -6.29  |
| C4 F8  | -4.17  | 6.06   | 4.23   | 3.88   |
| C4 T4  | -7.63  | -7.95  | -5.13  | -2.46  |
| C4 T6  | -2.81  | -12.47 | -0.58  | -8.20  |
| P4 O2  | 0.50   | 0.61   | 2.49   | -0.79  |
| P4 F8  | -7.90  | 18.28  | 7.41   | 17.11  |
| P4 T4  | -13.71 | -4.28  | 1.72   | 2.03   |
| P4 T6  | -3.57  | -6.11  | 7.42   | -2.67  |
| O2 F8  | -17.82 | 27.47  | 7.37   | 25.94  |
| O2 T4  | -23.34 | -9.21  | -7.28  | 2.88   |
| O2 T6  | -2.05  | -3.57  | 1.81   | -3.37  |
| F8 T4  | 3.04   | -8.89  | -6.84  | -2.43  |
| F8 T6  | 12.96  | -39.88 | -14.82 | -21.02 |
| T4 T6  | 11.68  | -1.82  | 0.06   | -5.11  |

## Interhemispheric: HOMOLOGOUS PAIRS

|         | DELTA | THETA  | ALPHA  | BETA    |
|---------|-------|--------|--------|---------|
| FP1 FP2 | 1.20  | 2.90   | 1.04   | 0.04    |
| C3 C4   | 0.64  | 2.30   | 9.31   | -0.45   |
| O1 O2   | 0.29  | 2.39   | 2.49   | 1.02    |
| T3 T4   | 9.05  | -95.56 | 128.07 | -151.77 |

|       | DELTA | THETA | ALPHA | BETA  |
|-------|-------|-------|-------|-------|
| F3 F4 | 1.04  | 3.59  | 5.68  | 1.15  |
| P3 P4 | 3.49  | 2.42  | 8.42  | 0.03  |
| F7 F8 | 1.40  | 2.29  | 2.78  | -5.60 |
| T5 T6 | 5.93  | 10.00 | 18.11 | -5.86 |

## Z Scored FFT Phase Lag

## Intrahemispheric: LEFT

|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP1 F3 | -1.63 | -2.00 | -0.69 | -1.26 |
| FP1 C3 | -2.80 | 0.37  | 0.14  | -0.36 |
| FP1 P3 | -1.14 | 0.60  | -0.52 | 0.85  |
| FP1 O1 | -1.53 | -0.08 | -6.37 | -0.29 |
| FP1 F7 | -1.10 | -0.62 | -1.81 | -0.21 |
| FP1 T3 | -0.86 | 0.30  | 0.70  | -0.84 |
| FP1 T5 | -0.73 | 0.10  | -1.01 | 0.08  |
| F3 C3  | -0.95 | -1.02 | -0.78 | -0.01 |
| F3 P3  | -1.49 | 0.44  | -1.42 | 1.40  |
| F3 O1  | -1.08 | -0.21 | -1.36 | 0.31  |
| F3 F7  | -1.34 | -1.37 | -0.49 | -2.06 |
| F3 T3  | 0.05  | 0.75  | 0.93  | 0.35  |
| F3 T5  | 0.11  | 0.73  | -0.53 | 0.73  |
| C3 P3  | -0.69 | 0.77  | -0.69 | 1.24  |
| C3 O1  | -1.84 | 0.28  | -1.36 | 0.30  |
| C3 F7  | -1.07 | -0.58 | 0.18  | 0.59  |
| C3 T3  | -0.11 | 0.17  | 0.86  | -0.49 |
| C3 T5  | 0.43  | 1.14  | -0.18 | 0.58  |
| P3 O1  | -0.51 | -0.90 | -0.16 | -0.32 |
| P3 F7  | -2.66 | 0.39  | -0.75 | 1.16  |
| P3 T3  | -0.30 | -0.32 | 0.14  | -0.34 |
| P3 T5  | 0.17  | 1.08  | -1.57 | -0.50 |
| O1 F7  | -2.56 | -0.54 | -5.18 | 0.03  |
| O1 T3  | -0.65 | -1.38 | -0.50 | -0.48 |
| O1 T5  | 0.36  | 0.55  | -0.54 | -1.94 |
| F7 T3  | -0.02 | 0.53  | 0.80  | 0.13  |
| F7 T5  | -0.90 | 0.36  | -0.62 | 0.54  |
| T3 T5  | -0.49 | -1.90 | -0.36 | -0.54 |

## Intrahemispheric: RIGHT

|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP2 F4 | -1.10 | -2.18 | -1.96 | -1.28 |
| FP2 C4 | -1.21 | 0.43  | -1.66 | 0.10  |
| FP2 P4 | -0.78 | 0.57  | -1.95 | 0.43  |
| FP2 O2 | -3.04 | -0.31 | -7.84 | -0.99 |
| FP2 F8 | -0.31 | -1.73 | -0.84 | -0.86 |
| FP2 T4 | -1.29 | 1.05  | -0.21 | -0.10 |
| FP2 T6 | -1.47 | 0.13  | -1.85 | -0.22 |
| F4 C4  | -2.48 | -0.48 | -1.78 | 0.19  |
| F4 P4  | -1.66 | 0.48  | -1.28 | 0.89  |
| F4 O2  | -2.38 | -0.55 | -2.16 | -0.70 |
| F4 F8  | -0.74 | -0.37 | -0.28 | 0.12  |
| F4 T4  | 0.19  | 0.87  | 0.03  | -0.26 |
| F4 T6  | -0.16 | 0.56  | -1.56 | -0.01 |
| C4 P4  | -1.03 | 0.62  | -1.96 | 0.72  |
| C4 O2  | -0.38 | -1.48 | -1.89 | 0.07  |
| C4 F8  | -0.27 | 0.48  | -0.27 | -0.11 |
| C4 T4  | 0.48  | 0.57  | 0.34  | -0.56 |
| C4 T6  | -0.22 | 0.79  | -2.29 | 0.22  |
| P4 O2  | -1.51 | -1.84 | -0.96 | -1.63 |
| P4 F8  | -0.55 | 0.79  | -0.77 | 0.73  |
| P4 T4  | 0.56  | -0.29 | -1.44 | -0.64 |
| P4 T6  | 0.54  | 0.64  | 0.26  | -0.10 |
| O2 F8  | -1.26 | -0.36 | -2.75 | -0.54 |
| O2 T4  | 0.22  | -0.29 | -1.00 | -1.07 |
| O2 T6  | -0.87 | 0.05  | -1.46 | 0.01  |
| F8 T4  | -0.15 | 1.28  | 0.27  | -0.78 |
| F8 T6  | -0.49 | 0.56  | -0.64 | 0.06  |
| T4 T6  | 0.50  | -0.64 | -2.38 | 0.10  |

## Interhemispheric: HOMOLOGOUS PAIRS

|         | DELTA | THETA | ALPHA | BETA  |
|---------|-------|-------|-------|-------|
| FP1 FP2 | -0.71 | -0.00 | -0.71 | -1.83 |
| C3 C4   | -1.25 | -0.19 | 0.34  | -1.35 |
| O1 O2   | -1.43 | 0.07  | -0.81 | -1.30 |
| T3 T4   | -0.35 | 0.70  | 0.60  | 0.51  |

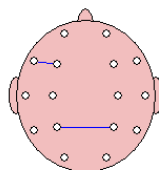
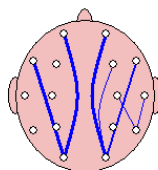
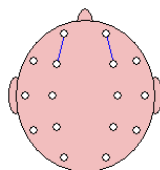
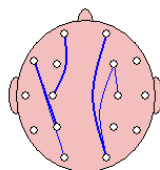
|       | DELTA | THETA | ALPHA | BETA  |
|-------|-------|-------|-------|-------|
| F3 F4 | -0.79 | 0.44  | 0.51  | -1.77 |
| P3 P4 | 0.53  | -0.11 | 0.37  | -2.44 |
| F7 F8 | -1.23 | -0.82 | -0.78 | -0.65 |
| T5 T6 | 0.23  | -0.06 | -0.32 | -0.78 |

Delta (1.0 - 4.0 Hz)

Theta (4.0 - 8.0 Hz)

Alpha (8.0 - 12.0 Hz)

Beta (12.0 - 25.0 Hz)

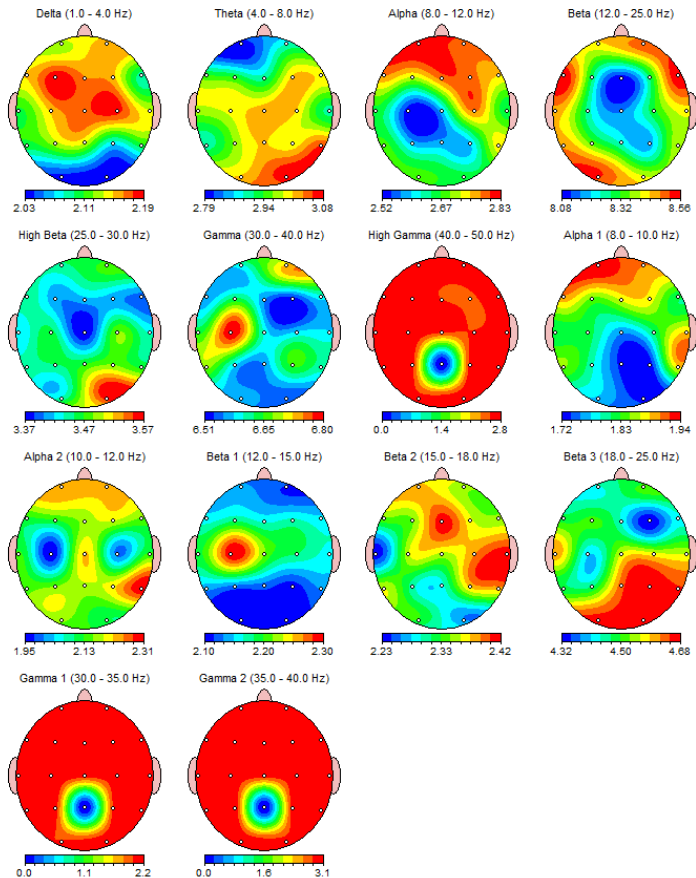


- Z-Score >= 1.96 +

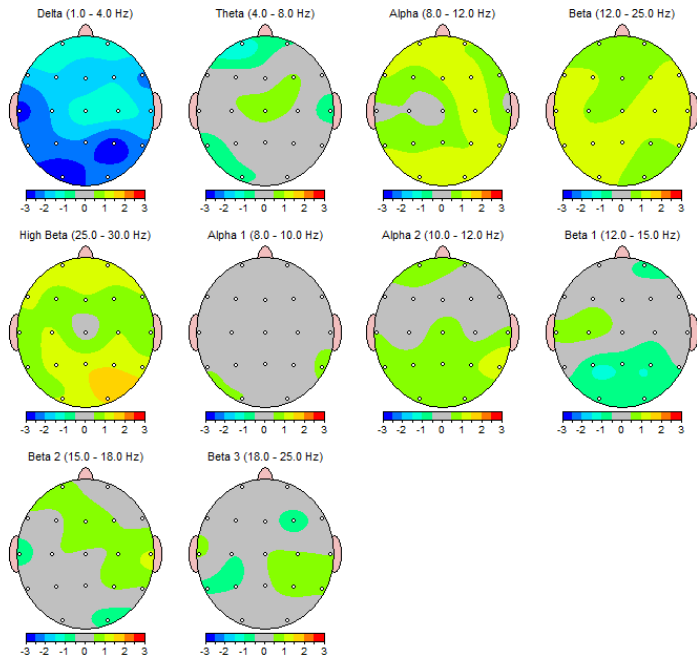
- Z-Score >= 2.58 +

- Z-Score >= 3.09 +

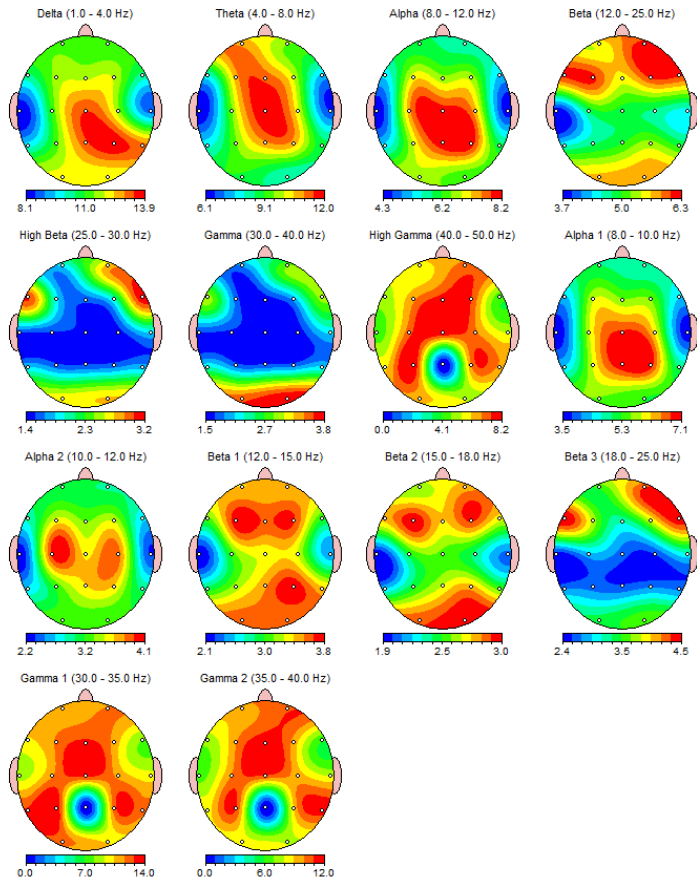
## Bursts per Second



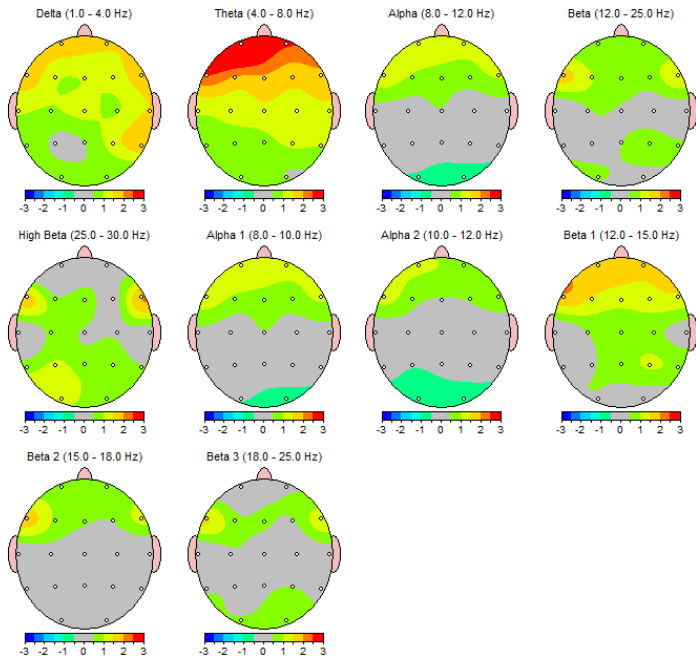
## Z Scored Bursts per Second



## Average Burst Amplitude (uV)

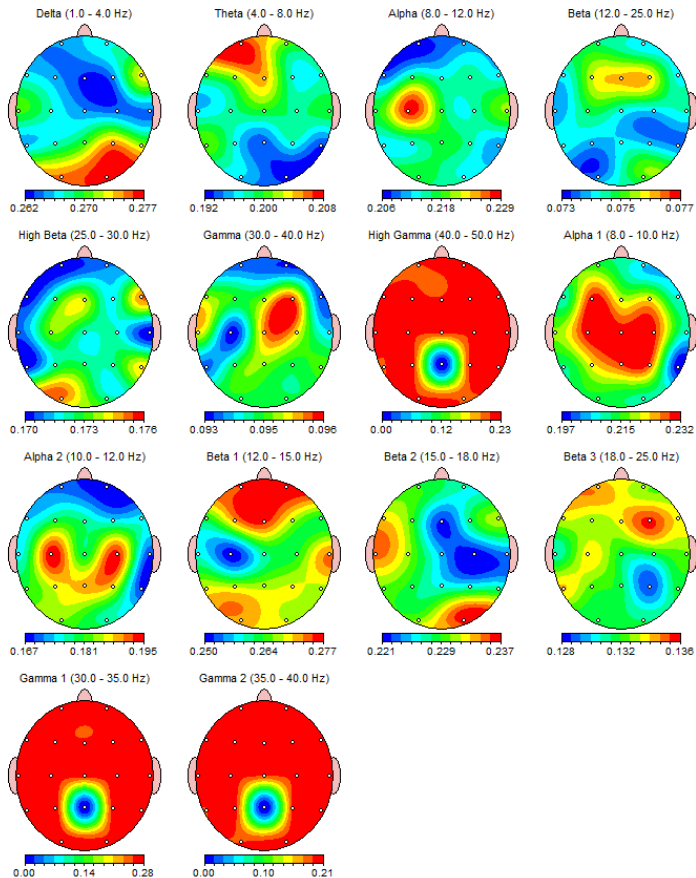


## Z Scored Average Burst Amplitude

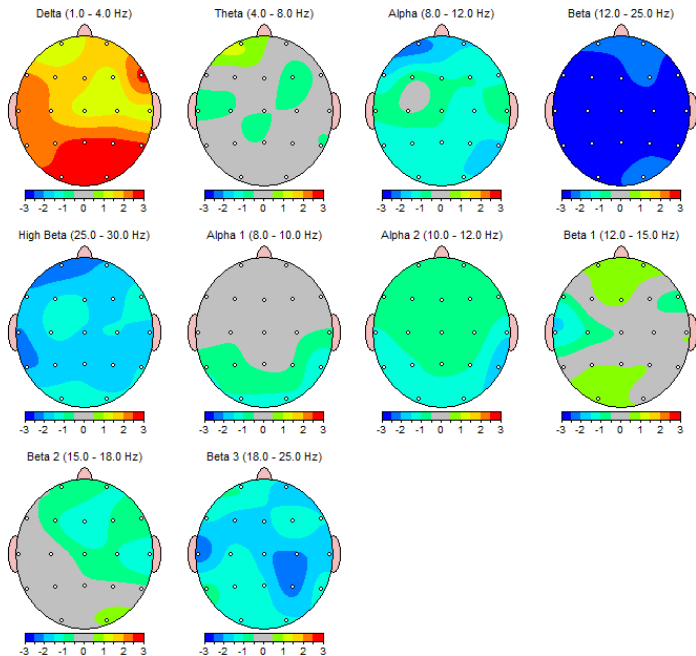




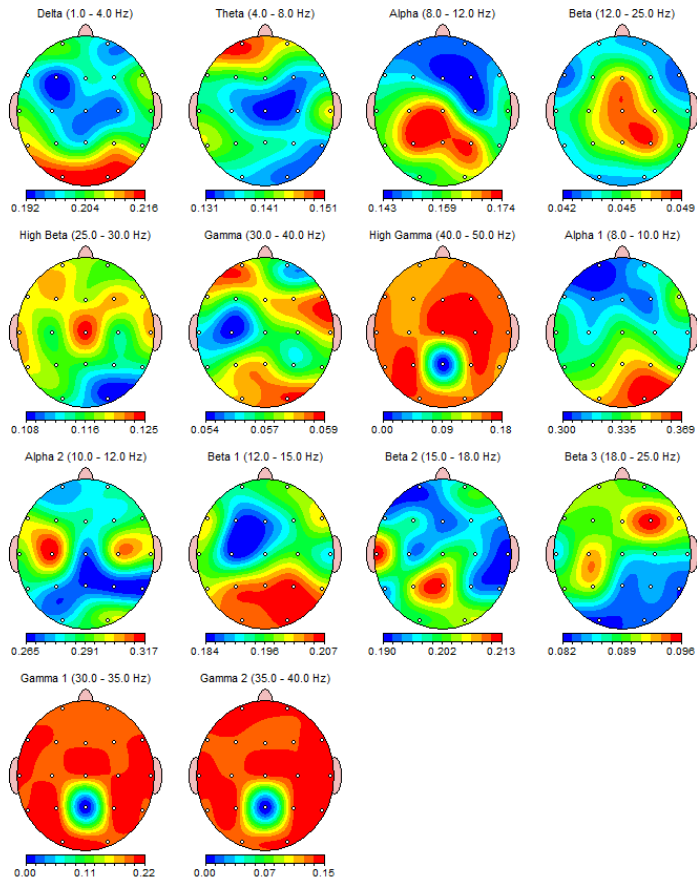
## Average Burst Duration (s)



## Z Scored Average Burst Duration



## Average Inter-Burst Interval (s)



## Z Scored Average Inter-Burst Interval

