

**Subject Information**

Name:

Subject ID: 9458672010

Date of Birth:

Age: 33.85

Gender: f

Handedness:

EEG ID: 9458672010

Date of Test:

Time of Test: 15:54:55

Technician:

Eyes Condition: Eyes Open

Clinician:

Medication:

Comments:

**Technical Information**

Record Length: 10:00

Edit Length: 02:56

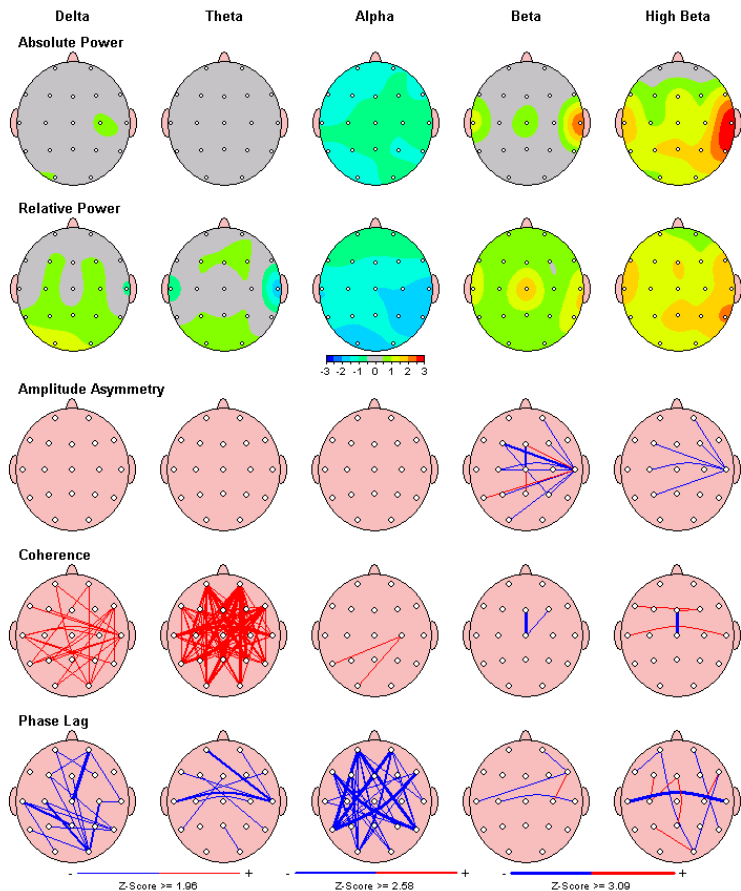
Reliability:

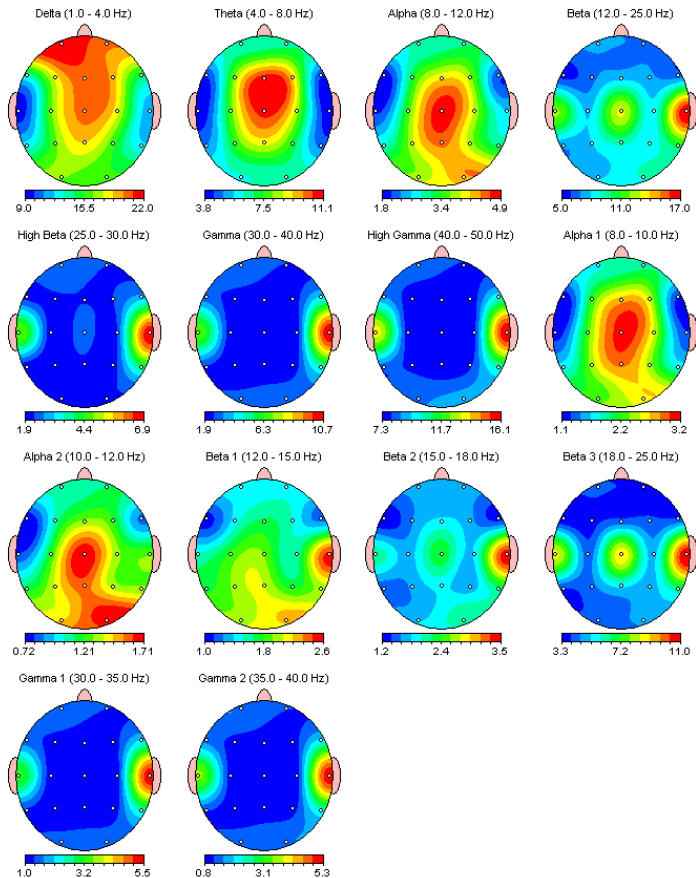
|         | Split Half | Test Retest |
|---------|------------|-------------|
| Average | 0.99       | 0.89        |
| FP1     | 0.99       | 0.82        |
| FP2     | 0.98       | 0.90        |
| F3      | 0.99       | 0.92        |
| F4      | 0.99       | 0.93        |
| C3      | 1.00       | 0.92        |
| C4      | 0.99       | 0.91        |
| P3      | 0.99       | 0.90        |
| P4      | 0.98       | 0.90        |
| O1      | 0.97       | 0.94        |
| O2      | 0.98       | 0.94        |
| F7      | 0.99       | 0.82        |
| F8      | 0.97       | 0.85        |
| T3      | 0.99       | 0.90        |
| T4      | 1.00       | 0.89        |
| T5      | 0.99       | 0.86        |
| T6      | 0.96       | 0.78        |
| Fz      | 0.98       | 0.93        |
| Cz      | 0.99       | 0.94        |
| Pz      | 0.98       | 0.92        |

Sampling Rate: 256

Collection Hardware: Deymed

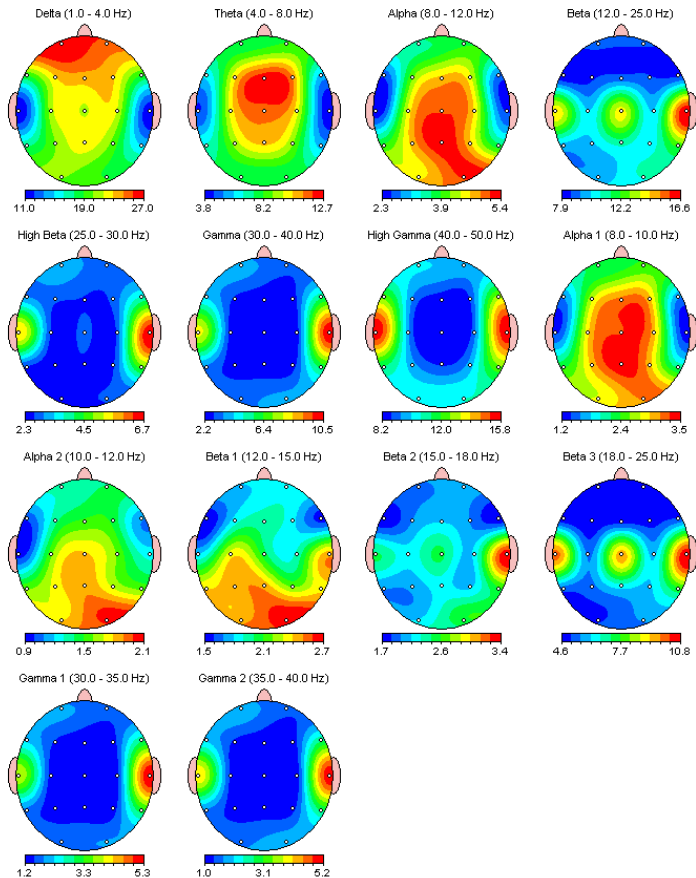
## Z Scored FFT Summary Information



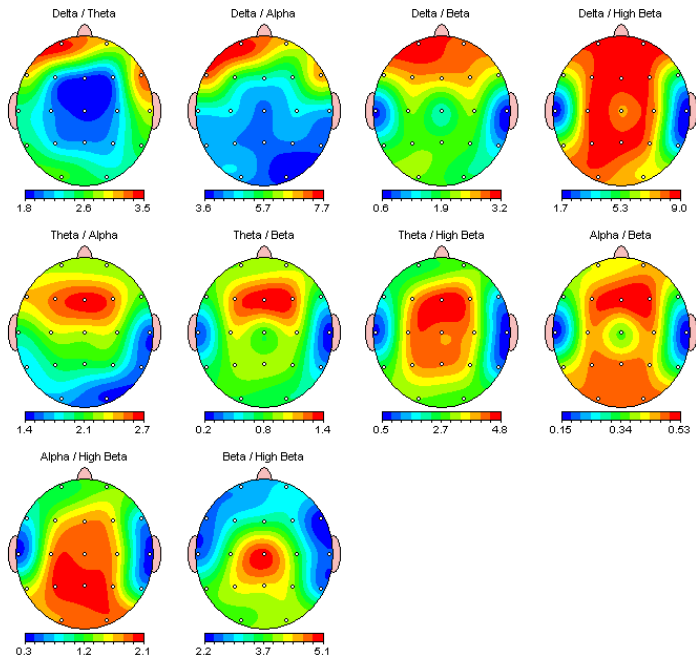
FFT Absolute Power ( $\mu\text{V Sq}$ )

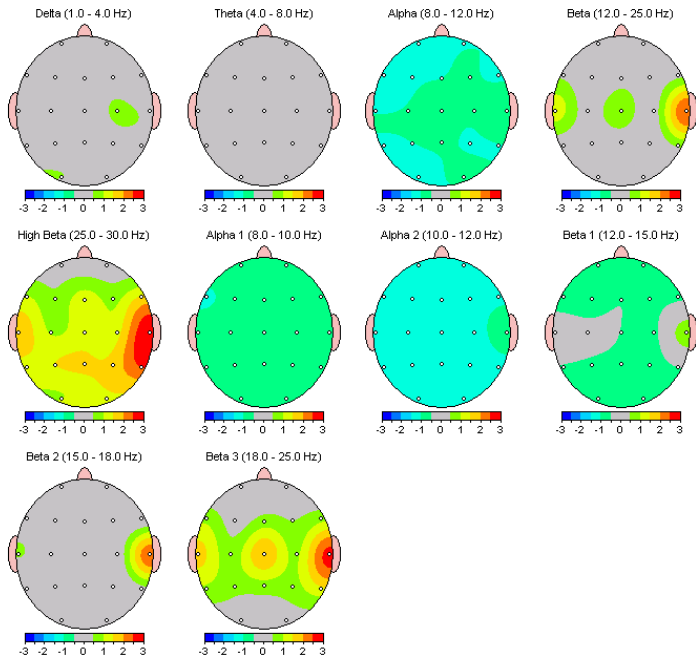
**FFT Relative Power (%)**

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



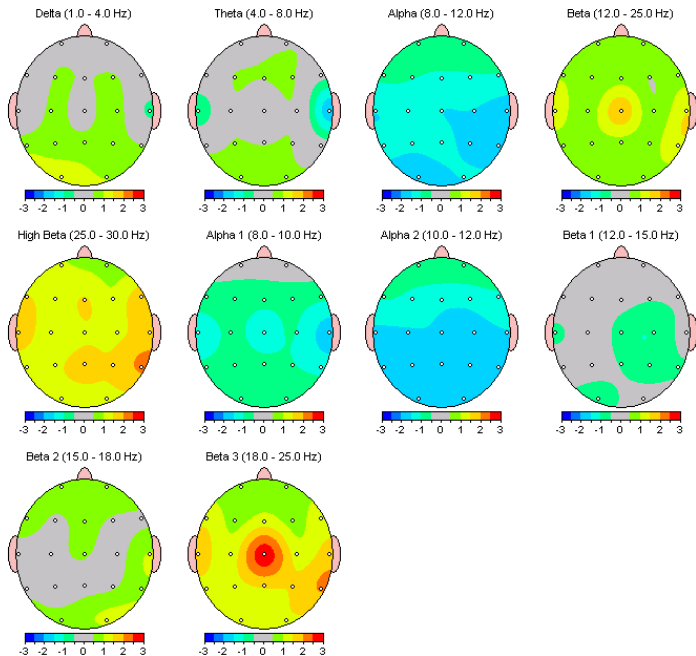
## FFT Power Ratio



**Z Scored FFT Absolute Power**

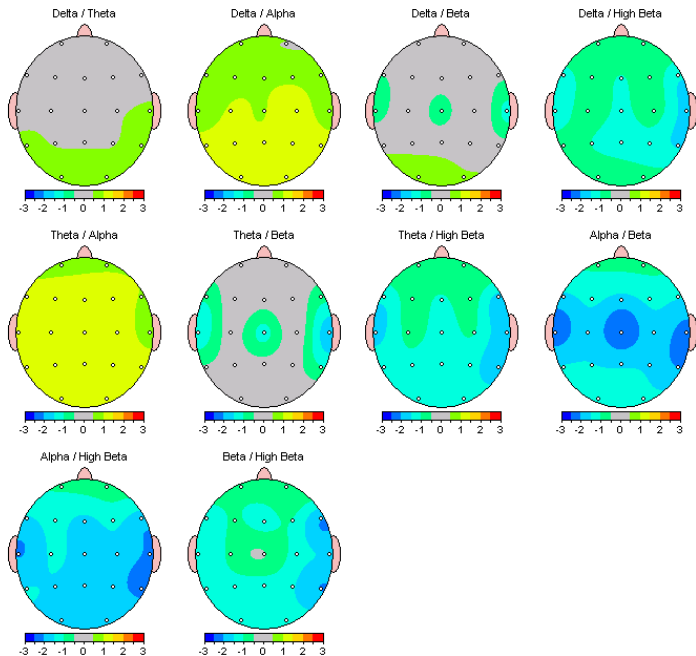
**Z Scored FFT Relative Power**

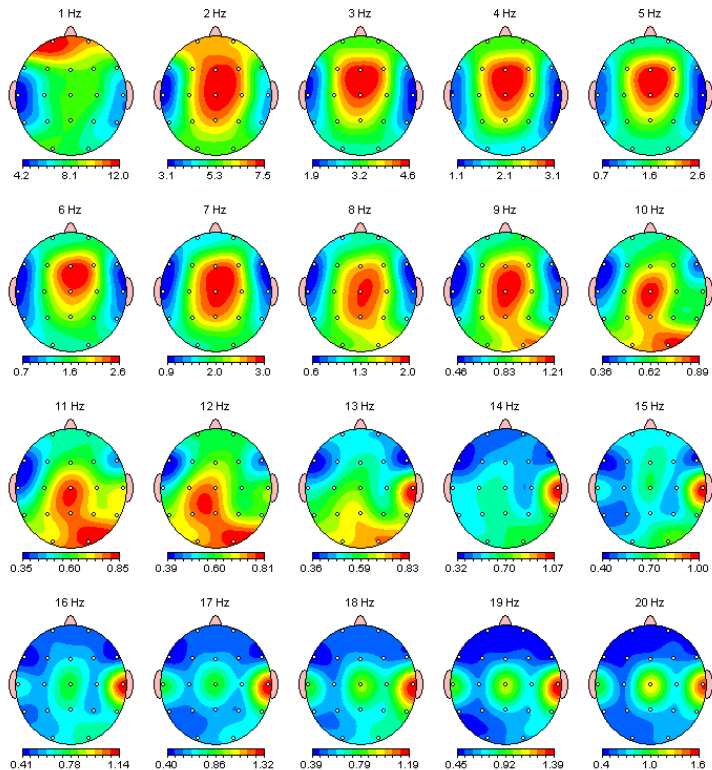
Warning: Absolute power must be consulted to interpret relative power.

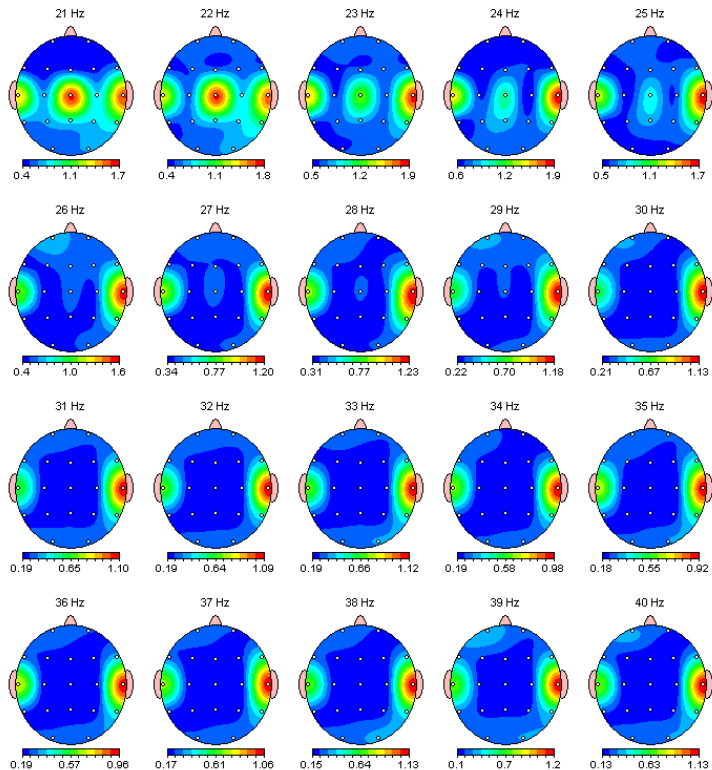


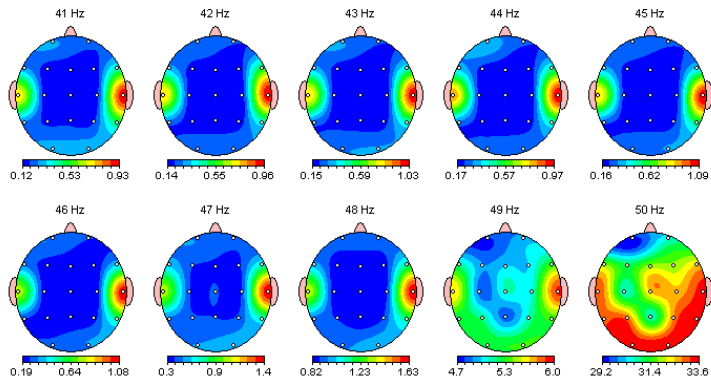


## Z Scored FFT Power Ratio



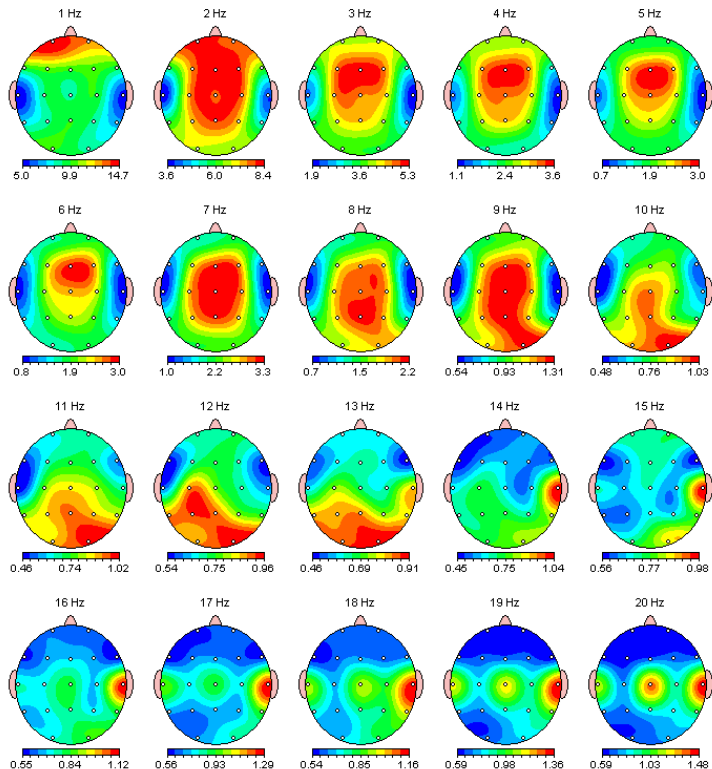
FFT Absolute Power ( $\mu\text{V Sq}$ )

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

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

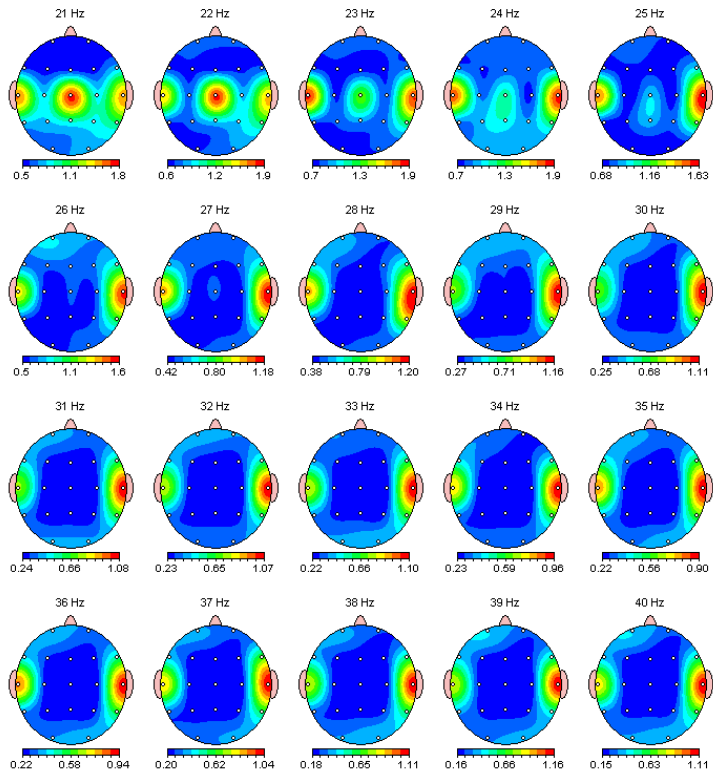
**FFT Relative Power (%)**

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



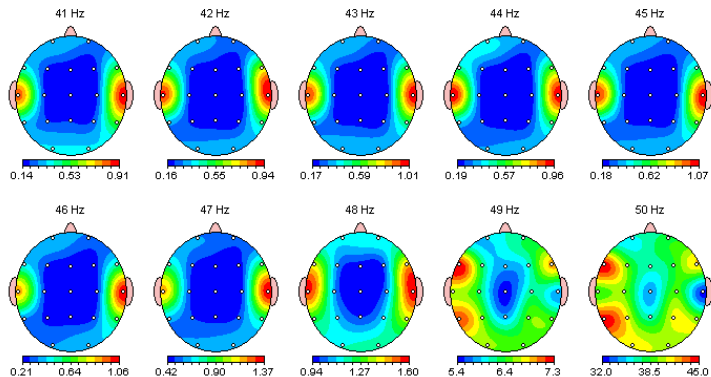
**FFT Relative Power (%)**

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

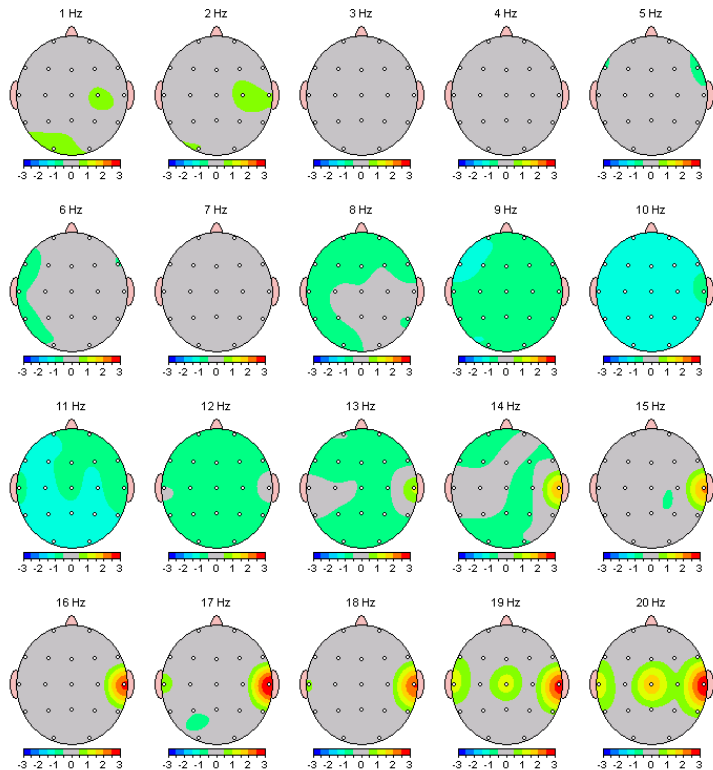


**FFT Relative Power (%)**

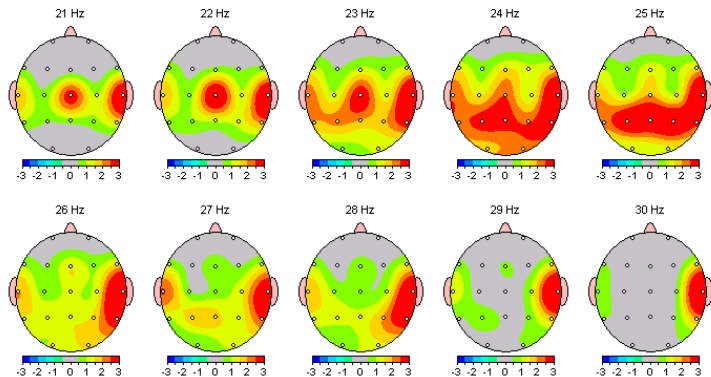
Warning: Absolute power must be consulted to interpret relative power.



## Z Scored FFT Absolute Power

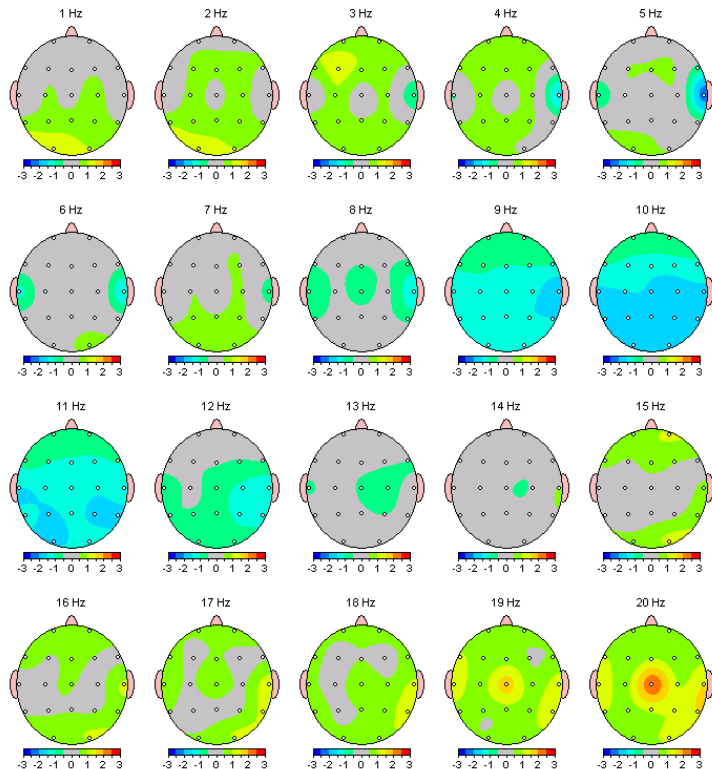




**Z Scored FFT Absolute Power**

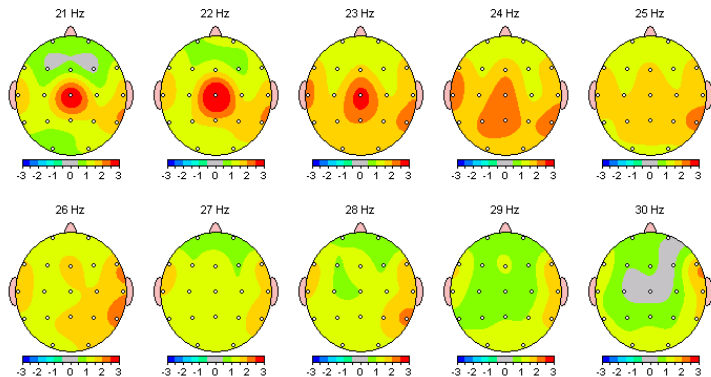
**Z Scored FFT Relative Power**

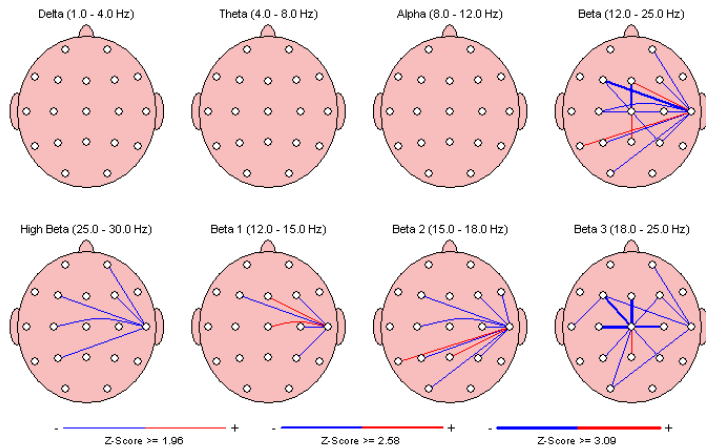
Warning: Absolute power must be consulted to interpret relative power.

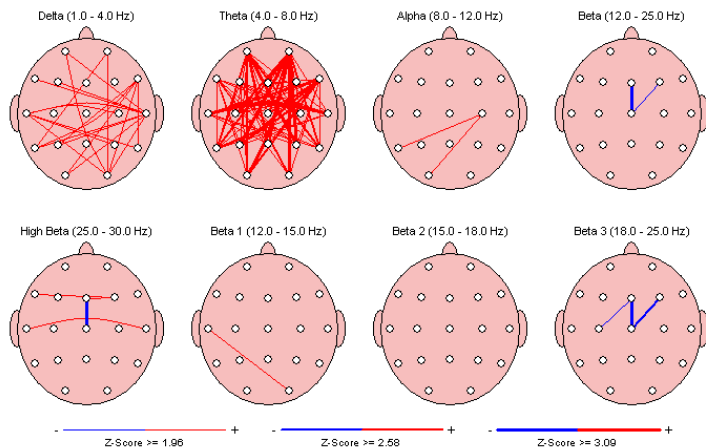


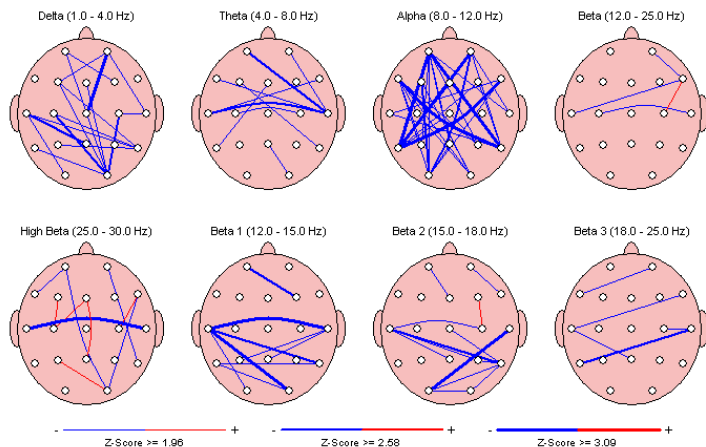
**Z Scored FFT Relative Power**

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 | 21.95 | 6.38  | 2.87  | 7.06  | 2.58      | 1.46   | 1.61   | 3.99   |
| F3 - LE  | 18.28 | 8.35  | 3.29  | 6.80  | 2.18      | 1.48   | 1.59   | 3.73   |
| C3 - LE  | 16.68 | 7.96  | 3.54  | 7.85  | 1.98      | 1.84   | 1.70   | 4.31   |
| P3 - LE  | 16.48 | 7.54  | 3.83  | 8.03  | 1.90      | 1.98   | 1.63   | 4.42   |
| O1 - LE  | 16.64 | 6.21  | 3.72  | 7.89  | 2.06      | 2.01   | 1.75   | 4.13   |
| F7 - LE  | 13.44 | 4.48  | 1.87  | 5.69  | 2.19      | 1.08   | 1.23   | 3.39   |
| T3 - LE  | 9.52  | 3.88  | 1.99  | 12.17 | 4.80      | 1.55   | 2.08   | 8.54   |
| T5 - LE  | 12.90 | 5.10  | 2.90  | 7.22  | 1.94      | 1.77   | 1.47   | 3.98   |

## **Intrahemispheric: RIGHT**

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP2 - LE | 20.19 | 6.71  | 3.07  | 6.94  | 2.31      | 1.49   | 1.61   | 3.83   |
| F4 - LE  | 19.36 | 9.34  | 3.71  | 7.24  | 2.31      | 1.53   | 1.65   | 4.07   |
| C4 - LE  | 18.09 | 8.43  | 3.84  | 8.45  | 2.30      | 1.61   | 1.80   | 5.04   |
| P4 - LE  | 15.89 | 7.27  | 3.77  | 8.32  | 2.09      | 1.76   | 1.68   | 4.87   |
| O2 - LE  | 15.77 | 6.39  | 4.33  | 9.07  | 2.25      | 2.24   | 2.10   | 4.74   |
| F8 - LE  | 14.63 | 4.48  | 2.12  | 6.67  | 3.00      | 1.22   | 1.34   | 4.10   |
| T4 - LE  | 11.66 | 3.94  | 2.58  | 16.93 | 6.82      | 2.51   | 3.44   | 10.97  |
| T6 - LE  | 12.58 | 4.84  | 3.08  | 10.43 | 3.90      | 1.98   | 2.11   | 6.34   |

## **Intrahemispheric: CENTER**

|         | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|---------|-------|-------|-------|-------|-----------|--------|--------|--------|
| Fz - LE | 20.54 | 11.01 | 4.13  | 7.92  | 2.29      | 1.71   | 1.85   | 4.36   |
| Cz - LE | 20.27 | 10.85 | 4.82  | 13.16 | 2.63      | 1.92   | 2.29   | 8.95   |
| Pz - LE | 18.76 | 8.95  | 4.48  | 9.33  | 2.16      | 2.06   | 1.83   | 5.44   |

**Z Scored FFT Absolute Power****Intrahemispheric: LEFT**

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP1 - LE | -0.16 | -0.35 | -1.08 | -0.02 | 0.31      | -0.55  | -0.09  | 0.18   |
| F3 - LE  | 0.00  | -0.15 | -1.06 | -0.09 | 0.62      | -0.66  | -0.21  | 0.25   |
| C3 - LE  | 0.37  | -0.04 | -0.97 | 0.22  | 0.94      | -0.38  | -0.08  | 0.72   |
| P3 - LE  | 0.25  | -0.19 | -1.00 | -0.07 | 1.50      | -0.59  | -0.33  | 0.63   |
| O1 - LE  | 0.50  | -0.29 | -1.05 | -0.27 | 1.00      | -0.74  | -0.29  | 0.28   |
| F7 - LE  | -0.22 | -0.43 | -1.23 | 0.40  | 1.06      | -0.68  | 0.07   | 0.85   |
| T3 - LE  | 0.06  | -0.23 | -1.01 | 1.21  | 1.80      | -0.23  | 0.54   | 1.64   |
| T5 - LE  | 0.37  | -0.30 | -1.03 | 0.08  | 1.30      | -0.54  | -0.25  | 0.88   |

**Intrahemispheric: RIGHT**

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP2 - LE | -0.24 | -0.31 | -1.01 | -0.04 | 0.27      | -0.54  | -0.08  | 0.18   |
| F4 - LE  | 0.15  | 0.04  | -0.96 | 0.06  | 0.85      | -0.62  | -0.04  | 0.50   |
| C4 - LE  | 0.59  | 0.08  | -0.94 | 0.24  | 1.34      | -0.68  | 0.01   | 0.92   |
| P4 - LE  | 0.26  | -0.19 | -1.02 | -0.02 | 1.67      | -0.81  | -0.25  | 0.76   |
| O2 - LE  | 0.36  | -0.30 | -0.97 | -0.19 | 1.38      | -0.70  | -0.09  | 0.32   |
| F8 - LE  | -0.10 | -0.42 | -1.05 | 0.40  | 1.62      | -0.80  | 0.01   | 0.85   |
| T4 - LE  | 0.42  | -0.01 | -0.68 | 2.48  | 3.00      | 0.83   | 2.37   | 2.68   |
| T6 - LE  | 0.34  | -0.23 | -1.01 | 0.57  | 2.51      | -0.49  | 0.33   | 1.39   |

**Intrahemispheric: CENTER**

|         | DELTA | THETA | ALPHA | BETA | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|---------|-------|-------|-------|------|-----------|--------|--------|--------|
| Fz - LE | 0.06  | -0.01 | -1.00 | 0.25 | 1.33      | -0.51  | 0.10   | 0.77   |
| Cz - LE | 0.17  | -0.12 | -0.89 | 0.90 | 1.32      | -0.52  | 0.21   | 1.91   |
| Pz - LE | 0.21  | -0.19 | -0.97 | 0.03 | 1.59      | -0.89  | -0.27  | 0.77   |



**FFT Relative Power (%)****Intrahemispheric: LEFT**

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP1 - LE | 26.93 | 7.82  | 3.52  | 8.66  | 3.17      | 1.79   | 1.97   | 4.90   |
| F3 - LE  | 22.96 | 10.49 | 4.13  | 8.54  | 2.73      | 1.86   | 2.00   | 4.68   |
| C3 - LE  | 21.38 | 10.20 | 4.53  | 10.07 | 2.53      | 2.36   | 2.18   | 5.53   |
| P3 - LE  | 20.47 | 9.37  | 4.76  | 9.98  | 2.37      | 2.46   | 2.02   | 5.49   |
| O1 - LE  | 20.40 | 7.62  | 4.56  | 9.68  | 2.53      | 2.46   | 2.15   | 5.07   |
| F7 - LE  | 18.84 | 6.28  | 2.63  | 7.98  | 3.08      | 1.51   | 1.72   | 4.75   |
| T3 - LE  | 11.11 | 4.52  | 2.32  | 14.19 | 5.60      | 1.81   | 2.42   | 9.96   |
| T5 - LE  | 17.43 | 6.88  | 3.92  | 9.76  | 2.62      | 2.39   | 1.99   | 5.38   |

**Intrahemispheric: RIGHT**

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP2 - LE | 25.11 | 8.34  | 3.82  | 8.63  | 2.88      | 1.86   | 2.01   | 4.77   |
| F4 - LE  | 23.25 | 11.22 | 4.46  | 8.69  | 2.77      | 1.83   | 1.98   | 4.88   |
| C4 - LE  | 21.64 | 10.08 | 4.60  | 10.11 | 2.75      | 1.92   | 2.16   | 6.03   |
| P4 - LE  | 19.82 | 9.07  | 4.70  | 10.37 | 2.60      | 2.20   | 2.10   | 6.07   |
| O2 - LE  | 18.90 | 7.66  | 5.18  | 10.87 | 2.69      | 2.68   | 2.51   | 5.67   |
| F8 - LE  | 18.79 | 5.75  | 2.72  | 8.56  | 3.85      | 1.57   | 1.73   | 5.27   |
| T4 - LE  | 11.42 | 3.86  | 2.53  | 16.59 | 6.68      | 2.46   | 3.37   | 10.75  |
| T6 - LE  | 15.05 | 5.79  | 3.69  | 12.48 | 4.66      | 2.37   | 2.52   | 7.59   |

**Intrahemispheric: CENTER**

|         | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|---------|-------|-------|-------|-------|-----------|--------|--------|--------|
| Fz - LE | 23.57 | 12.63 | 4.74  | 9.08  | 2.63      | 1.96   | 2.13   | 5.00   |
| Cz - LE | 21.54 | 11.52 | 5.12  | 13.99 | 2.80      | 2.04   | 2.44   | 9.51   |
| Pz - LE | 22.39 | 10.68 | 5.34  | 11.14 | 2.58      | 2.46   | 2.19   | 6.49   |

**Z Scored FFT Relative Power**

## Intrahemispheric: LEFT

|          | DELTA | THETA | ALPHA | BETA | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|------|-----------|--------|--------|--------|
| FP1 - LE | 0.38  | 0.31  | -0.58 | 0.71 | 1.02      | 0.13   | 0.74   | 0.90   |
| F3 - LE  | 0.53  | 0.53  | -0.99 | 0.53 | 1.12      | -0.22  | 0.44   | 0.86   |
| C3 - LE  | 0.64  | 0.36  | -1.33 | 0.74 | 1.17      | -0.19  | 0.31   | 1.25   |
| P3 - LE  | 0.77  | 0.54  | -1.44 | 0.70 | 1.43      | -0.34  | 0.30   | 1.33   |
| O1 - LE  | 1.14  | 0.62  | -1.59 | 0.58 | 1.38      | -0.55  | 0.71   | 1.23   |
| F7 - LE  | 0.13  | 0.15  | -0.88 | 0.94 | 1.55      | -0.05  | 0.68   | 1.35   |
| T3 - LE  | -0.25 | -0.83 | -1.48 | 1.19 | 1.71      | -0.57  | 0.34   | 1.75   |
| T5 - LE  | 0.84  | 0.31  | -1.41 | 0.77 | 1.32      | -0.28  | 0.39   | 1.33   |

## Intrahemispheric: RIGHT

|          | DELTA | THETA | ALPHA | BETA | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|------|-----------|--------|--------|--------|
| FP2 - LE | 0.28  | 0.46  | -0.55 | 0.77 | 0.92      | 0.17   | 0.80   | 0.95   |
| F4 - LE  | 0.55  | 0.57  | -1.10 | 0.50 | 1.12      | -0.45  | 0.44   | 0.85   |
| C4 - LE  | 0.74  | 0.34  | -1.52 | 0.61 | 1.38      | -0.94  | 0.29   | 1.28   |
| P4 - LE  | 0.77  | 0.49  | -1.60 | 0.77 | 1.57      | -0.75  | 0.43   | 1.55   |
| O2 - LE  | 0.98  | 0.56  | -1.49 | 0.82 | 1.43      | -0.44  | 1.09   | 1.43   |
| F8 - LE  | 0.16  | -0.30 | -1.07 | 0.82 | 1.85      | -0.37  | 0.42   | 1.23   |
| T4 - LE  | -0.59 | -1.75 | -1.72 | 1.46 | 1.78      | -0.36  | 1.03   | 1.73   |
| T6 - LE  | 0.52  | -0.11 | -1.74 | 1.36 | 2.09      | -0.54  | 0.92   | 2.04   |

## Intrahemispheric: CENTER

|         | DELTA | THETA | ALPHA | BETA | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|---------|-------|-------|-------|------|-----------|--------|--------|--------|
| Fz - LE | 0.46  | 0.51  | -1.19 | 0.82 | 1.55      | -0.26  | 0.64   | 1.30   |
| Cz - LE | 0.29  | -0.10 | -1.49 | 1.83 | 1.44      | -0.71  | 0.55   | 2.79   |
| Pz - LE | 0.69  | 0.46  | -1.43 | 0.81 | 1.62      | -0.53  | 0.32   | 1.59   |

## 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 | 3.44 | 7.65 | 3.11 | 8.50 | 2.22 | 0.90 | 2.47 | 0.41 | 1.11 | 2.73 |
| F3 - LE  | 2.19 | 5.55 | 2.69 | 8.40 | 2.54 | 1.23 | 3.84 | 0.48 | 1.51 | 3.13 |
| C3 - LE  | 2.10 | 4.72 | 2.12 | 8.44 | 2.25 | 1.01 | 4.03 | 0.45 | 1.79 | 3.98 |
| P3 - LE  | 2.18 | 4.30 | 2.05 | 8.65 | 1.97 | 0.94 | 3.96 | 0.48 | 2.01 | 4.22 |
| O1 - LE  | 2.68 | 4.47 | 2.11 | 8.07 | 1.67 | 0.79 | 3.01 | 0.47 | 1.80 | 3.83 |
| F7 - LE  | 3.00 | 7.17 | 2.36 | 8.12 | 2.39 | 0.79 | 2.04 | 0.33 | 0.85 | 2.59 |
| T3 - LE  | 2.46 | 4.79 | 0.78 | 1.98 | 1.95 | 0.32 | 0.81 | 0.16 | 0.41 | 2.53 |
| T5 - LE  | 2.53 | 4.45 | 1.79 | 6.66 | 1.76 | 0.71 | 2.83 | 0.40 | 1.50 | 3.73 |

## Intrahemispheric: RIGHT

|          | D/T  | D/A  | D/B  | D/G  | T/A  | T/B  | T/G  | A/B  | A/G  | B/G  |
|----------|------|------|------|------|------|------|------|------|------|------|
| FP2 - LE | 3.01 | 6.58 | 2.91 | 8.73 | 2.19 | 0.97 | 2.90 | 0.44 | 1.33 | 3.00 |
| F4 - LE  | 2.07 | 5.21 | 2.67 | 8.38 | 2.51 | 1.29 | 4.04 | 0.51 | 1.61 | 3.13 |
| C4 - LE  | 2.15 | 4.71 | 2.14 | 7.87 | 2.19 | 1.00 | 3.67 | 0.45 | 1.67 | 3.68 |
| P4 - LE  | 2.18 | 4.22 | 1.91 | 7.61 | 1.93 | 0.87 | 3.48 | 0.45 | 1.80 | 3.98 |
| O2 - LE  | 2.47 | 3.65 | 1.74 | 7.02 | 1.48 | 0.70 | 2.85 | 0.48 | 1.93 | 4.04 |
| F8 - LE  | 3.27 | 6.90 | 2.19 | 4.88 | 2.11 | 0.67 | 1.49 | 0.32 | 0.71 | 2.22 |
| T4 - LE  | 2.95 | 4.52 | 0.69 | 1.71 | 1.53 | 0.23 | 0.58 | 0.15 | 0.38 | 2.48 |
| T6 - LE  | 2.60 | 4.08 | 1.21 | 3.23 | 1.57 | 0.46 | 1.24 | 0.30 | 0.79 | 2.68 |

## Intrahemispheric: CENTER

|         | D/T  | D/A  | D/B  | D/G  | T/A  | T/B  | T/G  | A/B  | A/G  | B/G  |
|---------|------|------|------|------|------|------|------|------|------|------|
| Fz - LE | 1.87 | 4.97 | 2.60 | 8.95 | 2.66 | 1.39 | 4.80 | 0.52 | 1.80 | 3.45 |
| Cz - LE | 1.87 | 4.21 | 1.54 | 7.70 | 2.25 | 0.82 | 4.12 | 0.37 | 1.83 | 5.00 |
| Pz - LE | 2.10 | 4.19 | 2.01 | 8.68 | 2.00 | 0.95 | 4.14 | 0.48 | 2.07 | 4.32 |

## 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 | 0.08 | 0.57 | -0.18 | -0.61 | 0.94 | -0.34 | -0.67 | -0.97 | -0.97 | -0.82 |
| F3 - LE  | 0.13 | 0.82 | 0.06  | -0.61 | 1.23 | -0.06 | -0.72 | -1.38 | -1.31 | -0.95 |
| C3 - LE  | 0.36 | 1.05 | 0.09  | -0.64 | 1.28 | -0.27 | -0.85 | -1.68 | -1.44 | -0.83 |
| P3 - LE  | 0.45 | 1.16 | 0.26  | -1.02 | 1.36 | -0.16 | -1.15 | -1.49 | -1.56 | -1.26 |
| O1 - LE  | 0.97 | 1.40 | 0.80  | -0.70 | 1.34 | 0.03  | -1.19 | -1.42 | -1.57 | -1.43 |
| F7 - LE  | 0.01 | 0.63 | -0.40 | -1.20 | 1.12 | -0.88 | -1.35 | -1.66 | -1.58 | -1.25 |
| T3 - LE  | 0.25 | 0.76 | -0.74 | -1.33 | 1.07 | -1.33 | -1.84 | -2.26 | -2.03 | -1.42 |
| T5 - LE  | 0.69 | 1.18 | 0.27  | -0.76 | 1.24 | -0.43 | -1.22 | -1.47 | -1.49 | -1.22 |

## Intrahemispheric: RIGHT

|          | D/T   | D/A  | D/B   | D/G   | T/A  | T/B   | T/G   | A/B   | A/G   | B/G   |
|----------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|
| FP2 - LE | -0.07 | 0.49 | -0.28 | -0.66 | 0.97 | -0.31 | -0.56 | -0.95 | -0.87 | -0.66 |
| F4 - LE  | 0.13  | 0.90 | 0.08  | -0.61 | 1.25 | -0.02 | -0.73 | -1.38 | -1.36 | -1.03 |
| C4 - LE  | 0.46  | 1.21 | 0.22  | -0.73 | 1.36 | -0.17 | -0.99 | -1.70 | -1.68 | -1.22 |
| P4 - LE  | 0.49  | 1.24 | 0.24  | -1.20 | 1.40 | -0.21 | -1.28 | -1.60 | -1.72 | -1.45 |
| O2 - LE  | 0.78  | 1.26 | 0.58  | -0.86 | 1.22 | -0.13 | -1.30 | -1.45 | -1.55 | -1.39 |
| F8 - LE  | 0.29  | 0.79 | -0.39 | -1.40 | 0.98 | -0.82 | -1.67 | -1.47 | -1.81 | -1.97 |
| T4 - LE  | 0.53  | 0.83 | -1.11 | -1.64 | 0.81 | -1.80 | -1.89 | -2.19 | -2.05 | -1.55 |
| T6 - LE  | 0.60  | 1.18 | -0.21 | -1.54 | 1.26 | -0.96 | -1.91 | -2.00 | -2.19 | -2.01 |

## Intrahemispheric: CENTER

|         | D/T  | D/A  | D/B   | D/G   | T/A  | T/B   | T/G   | A/B   | A/G   | B/G   |
|---------|------|------|-------|-------|------|-------|-------|-------|-------|-------|
| Fz - LE | 0.07 | 0.90 | -0.13 | -1.04 | 1.27 | -0.26 | -1.09 | -1.74 | -1.67 | -1.18 |
| Cz - LE | 0.32 | 0.99 | -0.77 | -1.14 | 1.17 | -1.14 | -1.23 | -2.38 | -1.73 | -0.48 |
| Pz - LE | 0.43 | 1.11 | 0.12  | -1.24 | 1.28 | -0.26 | -1.27 | -1.58 | -1.66 | -1.29 |

**Peak Frequency (Hz)****Intrahemispheric: LEFT**

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP1 - LE | 1.84  | 5.59  | 9.43  | 18.59 | 26.96     | 13.13  | 16.19  | 21.55  |
| F3 - LE  | 2.00  | 5.66  | 9.32  | 18.41 | 26.93     | 13.19  | 16.25  | 21.41  |
| C3 - LE  | 2.04  | 5.71  | 9.35  | 18.35 | 26.89     | 13.17  | 16.31  | 21.36  |
| P3 - LE  | 2.03  | 5.75  | 9.39  | 18.37 | 26.77     | 13.15  | 16.28  | 21.48  |
| O1 - LE  | 1.93  | 5.75  | 9.45  | 18.18 | 26.93     | 13.18  | 16.24  | 21.43  |
| F7 - LE  | 1.89  | 5.51  | 9.45  | 18.81 | 27.06     | 13.18  | 16.24  | 21.53  |
| T3 - LE  | 2.00  | 5.60  | 9.49  | 19.72 | 26.94     | 13.26  | 16.38  | 21.70  |
| T5 - LE  | 1.99  | 5.72  | 9.49  | 18.31 | 26.92     | 13.15  | 16.30  | 21.34  |

**Intrahemispheric: RIGHT**

|          | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|-------|-----------|--------|--------|--------|
| FP2 - LE | 1.89  | 5.63  | 9.41  | 18.47 | 26.97     | 13.16  | 16.20  | 21.50  |
| F4 - LE  | 2.01  | 5.71  | 9.30  | 18.51 | 26.92     | 13.17  | 16.22  | 21.44  |
| C4 - LE  | 2.00  | 5.77  | 9.34  | 18.65 | 26.90     | 13.19  | 16.31  | 21.22  |
| P4 - LE  | 2.02  | 5.79  | 9.37  | 18.58 | 26.82     | 13.19  | 16.27  | 21.34  |
| O2 - LE  | 1.99  | 5.80  | 9.46  | 18.14 | 26.94     | 13.19  | 16.24  | 21.33  |
| F8 - LE  | 1.91  | 5.61  | 9.51  | 18.95 | 27.07     | 13.22  | 16.27  | 21.54  |
| T4 - LE  | 1.92  | 5.72  | 9.71  | 19.28 | 27.07     | 13.43  | 16.36  | 21.53  |
| T6 - LE  | 1.97  | 5.82  | 9.53  | 18.85 | 27.05     | 13.26  | 16.33  | 21.42  |

**Intrahemispheric: CENTER**

|         | DELTA | THETA | ALPHA | BETA  | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|---------|-------|-------|-------|-------|-----------|--------|--------|--------|
| Fz - LE | 2.05  | 5.71  | 9.29  | 18.42 | 26.87     | 13.18  | 16.23  | 21.40  |
| Cz - LE | 2.06  | 5.73  | 9.36  | 19.33 | 26.76     | 13.16  | 16.34  | 21.42  |
| Pz - LE | 2.01  | 5.76  | 9.35  | 18.59 | 26.69     | 13.17  | 16.27  | 21.43  |

## Z Scored Peak Frequency

## Intrahemispheric: LEFT

|          | DELTA | THETA | ALPHA | BETA | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|------|-----------|--------|--------|--------|
| FP1 - LE | 0.10  | -0.12 | -0.81 | 0.88 | -0.69     | 0.25   | -0.57  | 1.08   |
| F3 - LE  | 0.11  | -0.23 | -1.01 | 1.17 | -0.99     | 0.70   | 0.02   | 1.25   |
| C3 - LE  | -0.17 | -0.13 | -1.23 | 1.49 | -1.09     | 0.86   | 0.72   | 1.35   |
| P3 - LE  | -0.34 | -0.09 | -1.39 | 1.71 | -1.33     | 0.96   | 0.19   | 2.11   |
| O1 - LE  | -1.05 | -0.11 | -1.37 | 1.61 | -0.76     | 1.27   | -0.07  | 1.95   |
| F7 - LE  | 0.17  | -0.42 | -0.71 | 1.75 | -0.34     | 0.55   | -0.15  | 1.72   |
| T3 - LE  | 0.10  | -0.29 | -0.91 | 2.26 | -1.05     | 0.85   | 1.06   | 2.14   |
| T5 - LE  | -0.40 | -0.17 | -1.03 | 1.67 | -1.27     | 0.81   | 0.47   | 1.93   |

## Intrahemispheric: RIGHT

|          | DELTA | THETA | ALPHA | BETA | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|----------|-------|-------|-------|------|-----------|--------|--------|--------|
| FP2 - LE | 0.29  | 0.00  | -0.89 | 0.85 | -1.02     | 0.54   | -0.70  | 1.06   |
| F4 - LE  | 0.14  | -0.08 | -1.11 | 1.27 | -1.25     | 0.77   | -0.38  | 1.39   |
| C4 - LE  | -0.63 | 0.03  | -1.31 | 1.86 | -1.00     | 1.00   | 0.55   | 1.26   |
| P4 - LE  | -0.47 | 0.01  | -1.44 | 2.12 | -1.06     | 1.29   | 0.28   | 1.65   |
| O2 - LE  | -0.66 | 0.05  | -1.32 | 1.64 | -0.63     | 1.31   | -0.02  | 1.50   |
| F8 - LE  | 0.16  | 0.03  | -0.60 | 1.81 | -0.27     | 0.85   | 0.18   | 2.00   |
| T4 - LE  | -0.53 | 0.35  | -0.09 | 1.87 | -0.37     | 2.07   | 1.30   | 1.64   |
| T6 - LE  | -0.52 | 0.11  | -0.95 | 2.50 | -0.26     | 1.61   | 0.76   | 1.84   |

## Intrahemispheric: CENTER

|         | DELTA | THETA | ALPHA | BETA | HIGH BETA | BETA 1 | BETA 2 | BETA 3 |
|---------|-------|-------|-------|------|-----------|--------|--------|--------|
| Fz - LE | 0.23  | -0.15 | -1.00 | 1.55 | -1.30     | 0.91   | -0.24  | 1.40   |
| Cz - LE | -0.35 | 0.05  | -0.98 | 2.86 | -1.60     | 0.79   | 1.08   | 1.62   |
| Pz - LE | -0.65 | -0.06 | -1.42 | 2.17 | -1.76     | 1.04   | 0.26   | 1.95   |

## FFT Amplitude Asymmetry

## Intrahemispheric: LEFT

|        | DELTA  | THETA  | ALPHA  | BETA   |
|--------|--------|--------|--------|--------|
| FP1 F3 | 18.26  | -26.85 | -13.70 | 3.73   |
| FP1 C3 | 27.32  | -22.03 | -20.78 | -10.64 |
| FP1 P3 | 28.48  | -16.75 | -28.77 | -12.87 |
| FP1 O1 | 27.56  | 2.64   | -25.81 | -11.09 |
| FP1 F7 | 48.13  | 34.94  | 41.98  | 21.48  |
| FP1 T3 | 78.99  | 48.77  | 36.29  | -53.12 |
| FP1 T5 | 51.97  | 22.34  | -1.09  | -2.26  |
| F3 C3  | 9.17   | 4.89   | -7.13  | -14.36 |
| F3 P3  | 10.36  | 10.21  | -15.22 | -16.57 |
| F3 O1  | 9.43   | 29.44  | -12.22 | -14.80 |
| F3 F7  | 30.55  | 60.38  | 54.89  | 17.79  |
| F3 T3  | 63.01  | 73.23  | 49.38  | -56.56 |
| F3 T5  | 34.53  | 48.47  | 12.62  | -5.99  |
| C3 P3  | 1.19   | 5.33   | -8.11  | -2.23  |
| C3 O1  | 0.25   | 24.64  | -5.10  | -0.45  |
| C3 F7  | 21.53  | 55.90  | 61.43  | 31.94  |
| C3 T3  | 54.63  | 68.95  | 56.02  | -43.08 |
| C3 T5  | 25.56  | 43.84  | 19.71  | 8.39   |
| P3 O1  | -0.94  | 19.38  | 3.02   | 1.78   |
| P3 F7  | 20.35  | 50.95  | 68.66  | 34.12  |
| P3 T3  | 53.52  | 64.21  | 63.41  | -40.95 |
| P3 T5  | 24.39  | 38.74  | 27.71  | 10.61  |
| O1 F7  | 21.28  | 32.38  | 66.01  | 32.38  |
| O1 T3  | 54.39  | 46.28  | 60.68  | -42.65 |
| O1 T5  | 25.31  | 19.73  | 24.74  | 8.83   |
| F7 T3  | 34.10  | 14.44  | -5.92  | -72.53 |
| F7 T5  | 4.09   | -12.85 | -43.02 | -23.72 |
| T3 T5  | -30.12 | -27.17 | -37.34 | 51.01  |

## Intrahemispheric: RIGHT

|        | DELTA | THETA  | ALPHA  | BETA   |
|--------|-------|--------|--------|--------|
| FP2 F4 | 4.20  | -32.82 | -19.04 | -4.19  |
| FP2 C4 | 10.97 | -22.73 | -22.36 | -19.64 |
| FP2 P4 | 23.84 | -8.12  | -20.40 | -18.03 |
| FP2 O2 | 24.54 | 4.79   | -34.04 | -26.58 |
| FP2 F8 | 31.91 | 39.84  | 36.49  | 4.00   |
| FP2 T4 | 53.57 | 51.95  | 17.34  | -63.68 |
| FP2 T6 | 46.44 | 32.36  | -0.55  | -40.22 |
| F4 C4  | 6.78  | 10.28  | -3.35  | -15.48 |
| F4 P4  | 19.69 | 24.87  | -1.37  | -13.87 |
| F4 O2  | 20.40 | 37.46  | -15.24 | -22.46 |
| F4 F8  | 27.81 | 70.36  | 54.59  | 8.19   |
| F4 T4  | 49.65 | 81.31  | 36.08  | -80.20 |
| F4 T6  | 42.45 | 63.49  | 18.50  | -36.18 |
| C4 P4  | 12.96 | 14.68  | 1.97   | 1.62   |
| C4 O2  | 13.67 | 27.45  | -11.91 | -7.04  |
| C4 F8  | 21.13 | 61.19  | 57.67  | 23.59  |
| C4 T4  | 43.24 | 72.54  | 39.31  | -66.79 |
| C4 T6  | 35.93 | 54.10  | 21.82  | -20.99 |
| P4 O2  | 0.71  | 12.90  | -13.88 | -8.65  |
| P4 F8  | 8.23  | 47.57  | 55.86  | 22.00  |
| P4 T4  | 30.70 | 59.44  | 37.41  | -68.22 |
| P4 T6  | 23.24 | 40.22  | 19.86  | -22.59 |
| O2 F8  | 7.52  | 35.22  | 68.41  | 30.50  |
| O2 T4  | 30.01 | 47.46  | 50.63  | -60.46 |
| O2 T6  | 22.54 | 27.68  | 33.51  | -14.01 |
| F8 T4  | 22.62 | 12.77  | -19.46 | -66.96 |
| F8 T6  | 15.09 | -7.73  | -37.02 | -44.04 |
| T4 T6  | -7.60 | -20.45 | -17.88 | 47.46  |

## Interhemispheric: HOMOLOGOUS PAIRS

|         | DELTA  | THETA | ALPHA  | BETA   |
|---------|--------|-------|--------|--------|
| FP1 FP2 | 8.39   | -5.04 | -6.68  | 1.72   |
| C3 C4   | -8.11  | -5.75 | -8.27  | -7.33  |
| O1 O2   | 5.32   | -2.89 | -15.07 | -13.90 |
| T3 T4   | -20.17 | -1.65 | -25.86 | -32.72 |

|       | DELTA | THETA  | ALPHA  | BETA   |
|-------|-------|--------|--------|--------|
| F3 F4 | -5.71 | -11.13 | -12.05 | -6.19  |
| P3 P4 | 3.67  | 3.63   | 1.82   | -3.48  |
| F7 F8 | -8.51 | 0.03   | -12.38 | -15.81 |
| T5 T6 | 2.51  | 5.17   | -6.14  | -36.38 |

## Z Scored FFT Amplitude Asymmetry

## Intrahemispheric: LEFT

|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP1 F3 | -0.26 | -0.37 | 0.04  | 0.12  |
| FP1 C3 | -0.35 | -0.42 | -0.13 | -0.11 |
| FP1 P3 | -0.17 | -0.17 | 0.25  | 0.10  |
| FP1 O1 | -0.37 | -0.07 | 0.50  | 0.26  |
| FP1 F7 | 0.10  | -0.05 | 0.07  | -0.36 |
| FP1 T3 | -0.14 | -0.17 | -0.23 | -1.12 |
| FP1 T5 | -0.33 | -0.11 | 0.33  | -0.01 |
| F3 C3  | -0.49 | -0.32 | -0.31 | -0.69 |
| F3 P3  | -0.19 | 0.12  | 0.40  | -0.03 |
| F3 O1  | -0.51 | 0.31  | 0.70  | 0.27  |
| F3 F7  | 0.46  | 0.42  | 0.04  | -0.71 |
| F3 T3  | -0.05 | 0.11  | -0.35 | -1.71 |
| F3 T5  | -0.45 | 0.26  | 0.46  | -0.23 |
| C3 P3  | 0.18  | 0.42  | 0.69  | 0.56  |
| C3 O1  | -0.34 | 0.57  | 0.85  | 0.72  |
| C3 F7  | 0.56  | 0.48  | 0.23  | -0.14 |
| C3 T3  | 0.26  | 0.24  | -0.21 | -1.25 |
| C3 T5  | -0.18 | 0.49  | 0.65  | 0.21  |
| P3 O1  | -0.70 | 0.29  | 0.79  | 0.61  |
| P3 F7  | 0.39  | 0.23  | -0.21 | -0.36 |
| P3 T3  | 0.16  | 0.03  | -0.60 | -1.33 |
| P3 T5  | -0.34 | 0.15  | 0.10  | -0.37 |
| O1 F7  | 0.58  | 0.09  | -0.49 | -0.56 |
| O1 T3  | 0.40  | -0.13 | -0.84 | -1.46 |
| O1 T5  | 0.14  | -0.12 | -0.75 | -0.78 |
| F7 T3  | -0.57 | -0.37 | -0.51 | -1.24 |
| F7 T5  | -0.62 | -0.17 | 0.28  | 0.26  |
| T3 T5  | -0.41 | 0.14  | 0.69  | 1.37  |

## Intrahemispheric: RIGHT

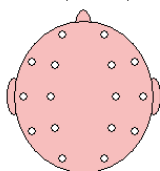
|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP2 F4 | -0.54 | -0.55 | -0.08 | -0.04 |
| FP2 C4 | -0.65 | -0.52 | -0.06 | -0.16 |
| FP2 P4 | -0.34 | -0.14 | 0.44  | 0.04  |
| FP2 O2 | -0.45 | 0.03  | 0.45  | 0.14  |
| FP2 F8 | -0.31 | 0.07  | -0.05 | -0.40 |
| FP2 T4 | -0.65 | -0.32 | -0.81 | -1.96 |
| FP2 T6 | -0.43 | -0.06 | 0.47  | -0.46 |
| F4 C4  | -0.68 | -0.14 | 0.01  | -0.51 |
| F4 P4  | -0.07 | 0.49  | 0.71  | 0.13  |
| F4 O2  | -0.23 | 0.63  | 0.66  | 0.26  |
| F4 F8  | 0.43  | 0.69  | 0.06  | -0.48 |
| F4 T4  | -0.36 | 0.09  | -0.92 | -2.38 |
| F4 T6  | -0.22 | 0.52  | 0.71  | -0.81 |
| C4 P4  | 0.77  | 1.03  | 0.91  | 0.65  |
| C4 O2  | 0.19  | 0.86  | 0.66  | 0.56  |
| C4 F8  | 0.69  | 0.67  | 0.05  | -0.17 |
| C4 T4  | 0.01  | 0.15  | -1.01 | -1.99 |
| C4 T6  | 0.21  | 0.76  | 0.76  | -0.69 |
| P4 O2  | -0.33 | 0.36  | 0.37  | 0.38  |
| P4 F8  | 0.31  | 0.26  | -0.52 | -0.37 |
| P4 T4  | -0.29 | -0.19 | -1.27 | -2.01 |
| P4 T6  | -0.25 | 0.11  | 0.07  | -1.47 |
| O2 F8  | 0.40  | 0.07  | -0.47 | -0.41 |
| O2 T4  | -0.08 | -0.33 | -0.92 | -1.93 |
| O2 T6  | 0.03  | -0.23 | -0.35 | -1.37 |
| F8 T4  | -0.75 | -0.67 | -1.16 | -1.92 |
| F8 T6  | -0.43 | -0.19 | 0.55  | -0.25 |
| T4 T6  | 0.18  | 0.38  | 1.20  | 1.47  |

## Interhemispheric: HOMOLOGOUS PAIRS

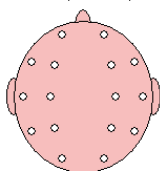
|         | DELTA | THETA | ALPHA | BETA  |
|---------|-------|-------|-------|-------|
| FP1 FP2 | 0.55  | -0.34 | -0.78 | 0.03  |
| C3 C4   | -0.64 | -0.36 | -0.14 | -0.05 |
| O1 O2   | 0.41  | 0.11  | -0.17 | -0.31 |
| T3 T4   | -0.53 | -0.26 | -0.77 | -0.84 |

|       | DELTA | THETA | ALPHA | BETA  |
|-------|-------|-------|-------|-------|
| F3 F4 | -0.33 | -0.70 | -0.95 | -0.42 |
| P3 P4 | 0.19  | 0.01  | 0.13  | -0.12 |
| F7 F8 | -0.27 | 0.03  | -0.41 | -0.05 |
| T5 T6 | 0.08  | -0.02 | 0.07  | -0.87 |

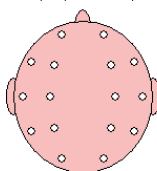
Delta (1.0 - 4.0 Hz)



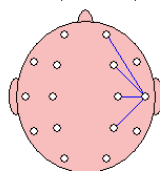
Theta (4.0 - 8.0 Hz)



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 F3 | 79.07 | 79.90 | 77.40 | 63.95 |
| FP1 C3 | 51.83 | 54.73 | 44.78 | 19.14 |
| FP1 P3 | 31.92 | 35.46 | 24.13 | 5.57  |
| FP1 O1 | 16.40 | 15.56 | 7.70  | 0.96  |
| FP1 F7 | 79.27 | 74.40 | 70.95 | 57.88 |
| FP1 T3 | 51.28 | 46.52 | 31.42 | 9.62  |
| FP1 T5 | 26.58 | 25.82 | 14.78 | 2.86  |
| F3 C3  | 84.10 | 84.22 | 76.05 | 47.82 |
| F3 P3  | 60.22 | 59.65 | 48.99 | 19.21 |
| F3 O1  | 35.52 | 30.71 | 21.81 | 5.31  |
| F3 F7  | 77.77 | 75.31 | 72.70 | 66.30 |
| F3 T3  | 75.91 | 67.49 | 51.09 | 21.08 |
| F3 T5  | 52.21 | 47.39 | 33.78 | 11.73 |
| C3 P3  | 88.41 | 86.47 | 82.97 | 72.93 |
| C3 O1  | 60.57 | 54.39 | 46.32 | 32.67 |
| C3 F7  | 56.01 | 57.69 | 48.90 | 31.29 |
| C3 T3  | 82.70 | 77.57 | 69.12 | 42.88 |
| C3 T5  | 79.41 | 74.16 | 66.69 | 56.08 |
| P3 O1  | 83.84 | 82.18 | 78.99 | 74.46 |
| P3 F7  | 34.07 | 35.93 | 26.14 | 10.85 |
| P3 T3  | 69.77 | 65.24 | 55.67 | 28.81 |
| P3 T5  | 93.03 | 89.85 | 85.71 | 78.51 |
| O1 F7  | 16.03 | 15.42 | 8.73  | 2.67  |
| O1 T3  | 46.89 | 40.65 | 30.49 | 13.80 |
| O1 T5  | 85.07 | 81.43 | 75.39 | 64.29 |
| F7 T3  | 72.28 | 70.72 | 63.78 | 28.50 |
| F7 T5  | 31.73 | 32.22 | 20.79 | 9.54  |
| T3 T5  | 72.79 | 71.07 | 63.63 | 37.90 |

## Intrahemispheric: RIGHT

|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP2 F4 | 80.77 | 82.29 | 79.45 | 72.37 |
| FP2 C4 | 53.84 | 56.16 | 44.47 | 17.22 |
| FP2 P4 | 33.45 | 36.76 | 23.39 | 4.36  |
| FP2 O2 | 15.89 | 14.19 | 5.14  | 0.50  |
| FP2 F8 | 74.53 | 75.07 | 69.88 | 52.28 |
| FP2 T4 | 48.75 | 43.91 | 24.85 | 7.52  |
| FP2 T6 | 23.53 | 23.21 | 10.66 | 0.63  |
| F4 C4  | 85.80 | 83.27 | 75.47 | 42.64 |
| F4 P4  | 62.21 | 58.77 | 47.96 | 16.23 |
| F4 O2  | 36.82 | 27.54 | 16.94 | 3.97  |
| F4 F8  | 75.30 | 74.05 | 68.43 | 49.29 |
| F4 T4  | 72.16 | 59.92 | 39.82 | 13.20 |
| F4 T6  | 48.38 | 41.72 | 26.21 | 5.43  |
| C4 P4  | 88.90 | 86.77 | 83.36 | 74.81 |
| C4 O2  | 63.80 | 51.05 | 40.75 | 30.56 |
| C4 F8  | 59.03 | 60.18 | 48.18 | 19.90 |
| C4 T4  | 80.39 | 73.40 | 54.84 | 28.76 |
| C4 T6  | 74.22 | 67.77 | 55.23 | 38.14 |
| P4 O2  | 87.52 | 79.29 | 73.95 | 69.83 |
| P4 F8  | 39.16 | 40.76 | 27.34 | 7.49  |
| P4 T4  | 70.76 | 66.69 | 47.87 | 23.33 |
| P4 T6  | 88.95 | 84.48 | 75.71 | 59.19 |
| O2 F8  | 21.61 | 16.92 | 7.42  | 1.44  |
| O2 T4  | 53.45 | 40.15 | 23.05 | 8.01  |
| O2 T6  | 87.66 | 76.18 | 64.50 | 41.74 |
| F8 T4  | 71.94 | 69.36 | 44.35 | 17.82 |
| F8 T6  | 35.76 | 34.24 | 18.82 | 5.01  |
| T4 T6  | 74.83 | 72.09 | 51.37 | 30.59 |

## Interhemispheric: HOMOLOGOUS PAIRS

|         | DELTA | THETA | ALPHA | BETA  |
|---------|-------|-------|-------|-------|
| FP1 FP2 | 92.32 | 88.27 | 83.99 | 68.79 |
| C3 C4   | 88.44 | 80.15 | 69.71 | 30.18 |
| O1 O2   | 89.93 | 90.20 | 86.18 | 78.64 |
| T3 T4   | 51.01 | 24.45 | 12.46 | 3.53  |

|       | DELTA | THETA | ALPHA | BETA  |
|-------|-------|-------|-------|-------|
| F3 F4 | 86.28 | 81.05 | 79.43 | 72.05 |
| P3 P4 | 92.88 | 87.13 | 80.07 | 57.44 |
| F7 F8 | 39.58 | 27.31 | 25.78 | 17.10 |
| T5 T6 | 74.31 | 52.43 | 37.24 | 11.38 |

## Z Scored FFT Coherence

## Intrahemispheric: LEFT

|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP1 F3 | 1.21  | 1.38  | 0.14  | 0.42  |
| FP1 C3 | 1.42  | 2.10  | 0.21  | -0.35 |
| FP1 P3 | 1.85  | 2.49  | 1.21  | -0.23 |
| FP1 O1 | 1.85  | 2.97  | 0.21  | 0.08  |
| FP1 F7 | 1.27  | 1.13  | 0.19  | 0.40  |
| FP1 T3 | 1.60  | 1.87  | 0.55  | -0.09 |
| FP1 T5 | 1.89  | 2.90  | 1.02  | 0.52  |
| F3 C3  | 1.31  | 1.43  | 0.56  | -1.28 |
| F3 P3  | 1.63  | 1.88  | 1.43  | -0.29 |
| F3 O1  | 1.71  | 2.33  | 1.45  | 0.31  |
| F3 F7  | 1.32  | 1.18  | 0.17  | 0.71  |
| F3 T3  | 1.84  | 1.73  | 0.97  | 0.07  |
| F3 T5  | 1.91  | 2.01  | 1.88  | 0.55  |
| C3 P3  | 0.89  | 1.10  | 1.43  | 1.26  |
| C3 O1  | 1.41  | 1.87  | 1.43  | 0.94  |
| C3 F7  | 1.44  | 1.64  | 0.08  | 0.09  |
| C3 T3  | 1.64  | 1.68  | 0.89  | 0.55  |
| C3 T5  | 1.87  | 1.54  | 1.64  | 1.72  |
| P3 O1  | 1.05  | 1.35  | 1.03  | 1.00  |
| P3 F7  | 1.55  | 2.07  | 1.08  | 0.21  |
| P3 T3  | 1.63  | 1.52  | 1.24  | 0.33  |
| P3 T5  | 1.35  | 1.62  | 1.13  | 1.08  |
| O1 F7  | 1.49  | 2.35  | 0.38  | 0.44  |
| O1 T3  | 1.78  | 1.49  | 1.35  | 0.47  |
| O1 T5  | 1.40  | 1.42  | 0.48  | 0.21  |
| F7 T3  | 1.50  | 1.36  | 0.48  | 0.04  |
| F7 T5  | 1.54  | 1.99  | 1.19  | 0.74  |
| T3 T5  | 1.59  | 1.29  | 1.55  | 0.54  |

## Intrahemispheric: RIGHT

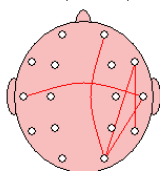
|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP2 F4 | 1.48  | 1.73  | 0.34  | 0.70  |
| FP2 C4 | 1.65  | 2.46  | 0.40  | -0.43 |
| FP2 P4 | 1.72  | 3.21  | 1.47  | -0.42 |
| FP2 O2 | 2.00  | 3.19  | -0.29 | -0.42 |
| FP2 F8 | 1.35  | 1.30  | 0.30  | 0.26  |
| FP2 T4 | 1.79  | 1.99  | 0.34  | -0.41 |
| FP2 T6 | 1.88  | 2.83  | 0.88  | -0.59 |
| F4 C4  | 1.52  | 1.61  | 0.54  | -1.49 |
| F4 P4  | 1.63  | 1.72  | 1.32  | -0.82 |
| F4 O2  | 1.60  | 1.78  | 1.13  | 0.14  |
| F4 F8  | 1.52  | 1.45  | 0.20  | 0.14  |
| F4 T4  | 1.70  | 1.28  | 0.34  | -0.70 |
| F4 T6  | 1.41  | 1.67  | 1.78  | -0.39 |
| C4 P4  | 1.28  | 1.51  | 1.31  | 1.29  |
| C4 O2  | 1.65  | 1.48  | 1.26  | 0.94  |
| C4 F8  | 1.69  | 1.90  | 0.25  | -0.80 |
| C4 T4  | 1.32  | 1.25  | -0.19 | -0.26 |
| C4 T6  | 1.22  | 1.42  | 1.13  | 0.48  |
| P4 O2  | 1.47  | 1.34  | 0.75  | 0.94  |
| P4 F8  | 1.75  | 2.27  | 1.23  | -0.37 |
| P4 T4  | 1.61  | 1.58  | 0.37  | -0.23 |
| P4 T6  | 1.25  | 1.38  | 0.75  | -0.16 |
| O2 F8  | 2.14  | 2.57  | 0.05  | -0.10 |
| O2 T4  | 2.03  | 1.67  | 0.68  | -0.26 |
| O2 T6  | 1.36  | 0.80  | -0.20 | -1.38 |
| F8 T4  | 1.65  | 1.48  | 0.20  | -0.67 |
| F8 T6  | 1.97  | 2.22  | 1.43  | -0.09 |
| T4 T6  | 1.62  | 1.61  | 0.67  | -0.03 |

## Interhemispheric: HOMOLOGOUS PAIRS

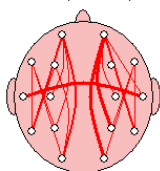
|         | DELTA | THETA | ALPHA | BETA  |
|---------|-------|-------|-------|-------|
| FP1 FP2 | 0.90  | 1.19  | 0.39  | 0.70  |
| C3 C4   | 1.60  | 1.75  | 0.93  | -0.41 |
| O1 O2   | 1.06  | 1.47  | 1.43  | 1.61  |
| T3 T4   | 2.45  | 3.10  | 1.41  | 0.80  |

|       | DELTA | THETA | ALPHA | BETA |
|-------|-------|-------|-------|------|
| F3 F4 | 1.47  | 1.64  | 0.63  | 1.20 |
| P3 P4 | 1.15  | 1.59  | 1.54  | 0.83 |
| F7 F8 | 1.26  | 1.78  | 0.28  | 1.29 |
| T5 T6 | 1.87  | 1.66  | 1.36  | 0.57 |

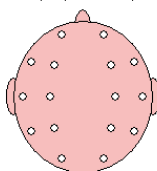
Delta (1.0 - 4.0 Hz)



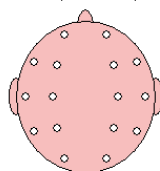
Theta (4.0 - 8.0 Hz)



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 | -0.86 | 4.63  | 2.62  | -1.63  |
| FP1 C3 | -1.96 | 6.40  | 1.67  | -15.71 |
| FP1 P3 | -4.74 | 5.93  | 1.53  | -26.05 |
| FP1 O1 | -9.69 | 5.08  | 2.92  | -36.89 |
| FP1 F7 | 1.53  | 0.42  | 2.59  | -1.38  |
| FP1 T3 | -2.79 | -3.06 | -3.01 | -7.72  |
| FP1 T5 | -8.29 | 1.10  | -0.59 | -32.23 |
| F3 C3  | 0.05  | 1.79  | -0.41 | -11.01 |
| F3 P3  | -0.85 | 1.93  | -0.58 | -15.00 |
| F3 O1  | -1.31 | 3.98  | 0.65  | -16.05 |
| F3 F7  | 1.04  | -4.67 | -0.08 | 0.62   |
| F3 T3  | -2.20 | -7.29 | -4.24 | -5.23  |
| F3 T5  | -1.07 | -1.45 | -1.89 | -20.40 |
| C3 P3  | -0.39 | -0.16 | 0.20  | -3.92  |
| C3 O1  | -0.71 | 1.05  | 0.82  | -8.36  |
| C3 F7  | 0.86  | -5.57 | -0.08 | 6.77   |
| C3 T3  | -2.43 | -6.80 | -3.25 | -3.23  |
| C3 T5  | -0.38 | -2.03 | -0.66 | -9.43  |
| P3 O1  | -0.52 | 0.32  | -0.21 | -3.62  |
| P3 F7  | 3.60  | -4.91 | 0.11  | 12.35  |
| P3 T3  | -1.36 | -5.89 | -3.65 | -1.24  |
| P3 T5  | 0.27  | -1.33 | -1.07 | -5.02  |
| O1 F7  | 8.88  | -4.87 | -0.82 | 19.15  |
| O1 T3  | 0.15  | -6.32 | -2.79 | 3.95   |
| O1 T5  | 1.04  | -1.35 | -0.58 | 0.05   |
| F7 T3  | -2.33 | -2.60 | -1.82 | -1.83  |
| F7 T5  | -4.70 | 0.50  | -0.96 | -13.18 |
| T3 T5  | 1.26  | 3.46  | 2.18  | -3.28  |

## Intrahemispheric: RIGHT

|        | DELTA | THETA  | ALPHA  | BETA   |
|--------|-------|--------|--------|--------|
| FP2 F4 | 0.71  | 5.14   | 2.69   | -1.90  |
| FP2 C4 | -0.40 | 7.64   | 3.14   | -19.49 |
| FP2 P4 | -2.82 | 8.06   | 4.19   | -30.60 |
| FP2 O2 | -5.94 | 9.30   | 13.64  | -33.77 |
| FP2 F8 | -0.15 | 0.73   | 2.39   | 0.07   |
| FP2 T4 | 0.32  | 0.28   | 0.25   | -5.43  |
| FP2 T6 | -4.89 | 5.53   | 4.06   | -25.48 |
| F4 C4  | -0.46 | 2.62   | 0.80   | -11.92 |
| F4 P4  | -1.46 | 3.22   | 1.14   | -14.98 |
| F4 O2  | -1.20 | 6.90   | 5.97   | -11.78 |
| F4 F8  | -1.54 | -4.47  | -0.68  | 2.63   |
| F4 T4  | -0.74 | -4.32  | -2.96  | -4.65  |
| F4 T6  | -2.23 | 1.37   | -0.70  | -8.66  |
| C4 P4  | -0.57 | 0.33   | 0.51   | -3.19  |
| C4 O2  | 0.27  | 2.61   | 3.58   | -5.12  |
| C4 F8  | -0.47 | -6.89  | -2.38  | 14.04  |
| C4 T4  | 0.24  | -5.27  | -3.21  | -1.49  |
| C4 T6  | -0.69 | -0.79  | -1.88  | -6.34  |
| P4 O2  | 0.84  | 1.38   | 2.35   | -2.16  |
| P4 F8  | 1.46  | -7.94  | -5.52  | 18.09  |
| P4 T4  | 1.01  | -5.70  | -4.10  | -0.47  |
| P4 T6  | 0.10  | -1.16  | -3.62  | -4.85  |
| O2 F8  | 3.27  | -10.55 | -21.26 | 15.64  |
| O2 T4  | 1.16  | -8.48  | -9.75  | -4.92  |
| O2 T6  | -0.48 | -3.69  | -8.28  | -5.26  |
| F8 T4  | 0.94  | 0.74   | 2.37   | -4.08  |
| F8 T6  | -2.73 | 5.21   | 5.32   | -12.57 |
| T4 T6  | -1.55 | 3.89   | 0.62   | -2.31  |

## Interhemispheric: HOMOLOGOUS PAIRS

|         | DELTA | THETA | ALPHA | BETA   |
|---------|-------|-------|-------|--------|
| FP1 FP2 | -0.98 | -0.29 | -1.05 | 0.37   |
| C3 C4   | 0.79  | -0.15 | -1.20 | 1.35   |
| O1 O2   | 1.10  | -1.10 | -2.68 | -1.62  |
| T3 T4   | 3.16  | 0.16  | -2.68 | -12.77 |

|       | DELTA | THETA | ALPHA | BETA  |
|-------|-------|-------|-------|-------|
| F3 F4 | 1.67  | -0.09 | -1.44 | 1.22  |
| P3 P4 | 0.15  | -0.23 | -1.81 | 0.61  |
| F7 F8 | -3.02 | -1.54 | -3.98 | 1.31  |
| T5 T6 | -0.80 | -2.40 | -6.76 | -4.21 |

## Z Scored FFT Phase Lag

## Intrahemispheric: LEFT

|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP1 F3 | -1.49 | 0.75  | 0.35  | -0.60 |
| FP1 C3 | -0.73 | 0.53  | -1.05 | 1.48  |
| FP1 P3 | -0.50 | -0.23 | -1.97 | 1.30  |
| FP1 O1 | -0.35 | -1.11 | -2.20 | 0.10  |
| FP1 F7 | -0.92 | -1.43 | 0.14  | -0.21 |
| FP1 T3 | -0.72 | -0.14 | -0.72 | 0.58  |
| FP1 T5 | -0.68 | -1.56 | -3.23 | 0.30  |
| F3 C3  | -1.76 | -0.18 | -1.80 | 1.92  |
| F3 P3  | -1.32 | -0.71 | -1.80 | 1.16  |
| F3 O1  | -1.35 | -0.52 | -2.66 | 0.20  |
| F3 F7  | -1.00 | 0.97  | -1.96 | -1.19 |
| F3 T3  | -0.78 | 0.99  | -0.16 | 0.33  |
| F3 T5  | -1.40 | -1.00 | -1.51 | 0.64  |
| C3 P3  | -1.64 | -1.49 | -1.53 | 0.32  |
| C3 O1  | -1.62 | -0.99 | -1.73 | 0.36  |
| C3 F7  | -1.16 | 0.59  | -2.00 | 0.73  |
| C3 T3  | -0.42 | 0.93  | 0.21  | -0.14 |
| C3 T5  | -1.94 | -0.08 | -1.77 | 0.57  |
| P3 O1  | -1.44 | -1.26 | -1.67 | 0.42  |
| P3 F7  | -0.39 | -0.12 | -2.52 | 0.64  |
| P3 T3  | -1.56 | 0.46  | -0.09 | -0.86 |
| P3 T5  | -1.31 | -0.31 | -0.93 | 0.90  |
| O1 F7  | -0.50 | -0.89 | -2.50 | -0.18 |
| O1 T3  | -2.05 | -0.00 | -1.02 | -0.27 |
| O1 T5  | -1.02 | -0.32 | -1.32 | -1.78 |
| F7 T3  | -0.60 | 0.02  | -0.81 | -0.71 |
| F7 T5  | -0.64 | -1.83 | -1.72 | 0.22  |
| T3 T5  | -1.43 | 0.08  | -0.77 | -0.23 |

## Intrahemispheric: RIGHT

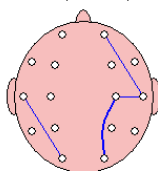
|        | DELTA | THETA | ALPHA | BETA  |
|--------|-------|-------|-------|-------|
| FP2 F4 | -1.10 | 0.63  | 0.23  | -0.92 |
| FP2 C4 | -1.84 | 0.68  | -0.75 | 1.61  |
| FP2 P4 | -0.96 | 0.21  | -1.22 | 1.39  |
| FP2 O2 | -1.21 | -0.94 | -1.72 | -0.48 |
| FP2 F8 | -1.87 | -1.16 | -0.45 | -2.28 |
| FP2 T4 | -1.99 | -2.00 | -2.37 | -0.03 |
| FP2 T6 | -0.94 | -0.51 | -2.42 | -0.22 |
| F4 C4  | -1.24 | 0.30  | -1.36 | 1.47  |
| F4 P4  | -1.06 | 0.04  | -1.79 | 0.85  |
| F4 O2  | -1.69 | -0.21 | -1.09 | -0.23 |
| F4 F8  | -0.56 | 0.62  | -1.01 | -0.04 |
| F4 T4  | -1.47 | 0.06  | -0.81 | -0.29 |
| F4 T6  | -0.62 | -1.01 | -2.50 | -0.13 |
| C4 P4  | -1.52 | -1.17 | -1.86 | 0.02  |
| C4 O2  | -2.68 | -0.53 | -1.05 | 0.04  |
| C4 F8  | -1.73 | 0.72  | -0.86 | 2.07  |
| C4 T4  | -2.32 | 0.33  | -0.08 | -1.36 |
| C4 T6  | -1.43 | -0.96 | -1.84 | 0.12  |
| P4 O2  | -1.14 | -0.39 | -0.73 | -0.17 |
| P4 F8  | -1.20 | 0.08  | -0.91 | 0.89  |
| P4 T4  | -1.50 | 0.33  | -0.09 | -1.58 |
| P4 T6  | -1.55 | -0.37 | -0.11 | 0.60  |
| O2 F8  | -1.50 | -0.55 | -0.55 | -0.69 |
| O2 T4  | -1.43 | 0.08  | -0.16 | -0.66 |
| O2 T6  | -1.95 | 0.08  | 0.59  | 0.36  |
| F8 T4  | -1.32 | -1.07 | -0.83 | 0.23  |
| F8 T6  | -0.87 | -0.79 | -1.16 | 0.26  |
| T4 T6  | -0.98 | -0.39 | -1.48 | -0.54 |

## Interhemispheric: HOMOLOGOUS PAIRS

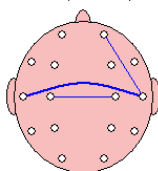
|         | DELTA | THETA | ALPHA | BETA  |
|---------|-------|-------|-------|-------|
| FP1 FP2 | -0.52 | -1.32 | -0.50 | -0.98 |
| C3 C4   | -0.53 | -2.12 | -0.90 | -0.40 |
| O1 O2   | -0.48 | -0.79 | -0.35 | -0.72 |
| T3 T4   | -1.03 | -2.80 | -1.87 | -1.22 |

|       | DELTA | THETA | ALPHA | BETA  |
|-------|-------|-------|-------|-------|
| F3 F4 | -0.10 | -1.75 | -0.08 | -0.43 |
| P3 P4 | -1.23 | -1.43 | -1.05 | -0.97 |
| F7 F8 | -0.68 | -1.21 | -0.09 | -1.11 |
| T5 T6 | -1.15 | -0.72 | -0.74 | -0.49 |

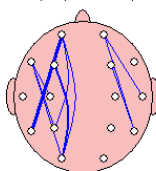
Delta (1.0 - 4.0 Hz)



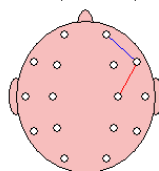
Theta (4.0 - 8.0 Hz)



Alpha (8.0 - 12.0 Hz)



Beta (12.0 - 25.0 Hz)

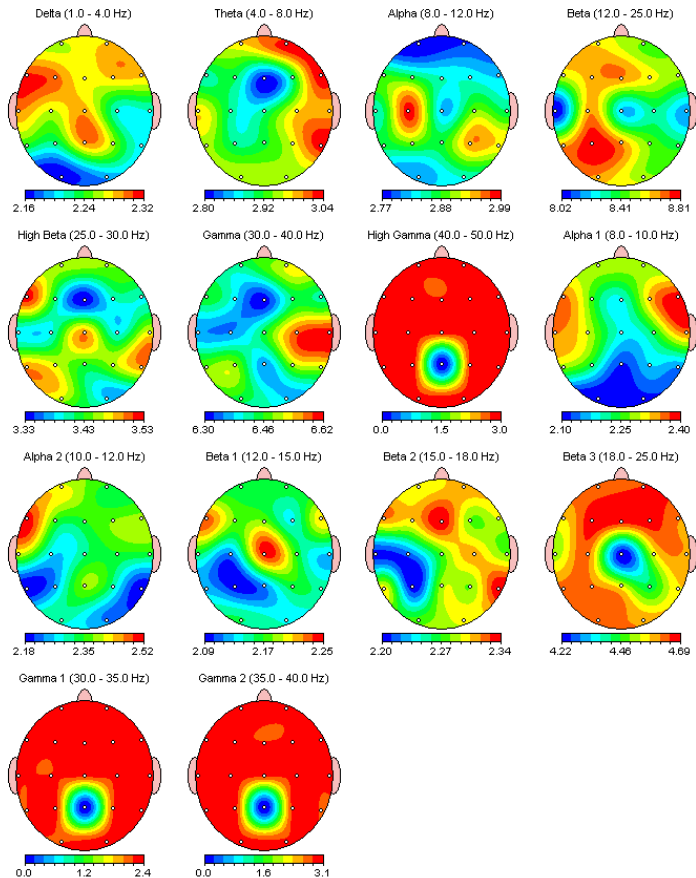


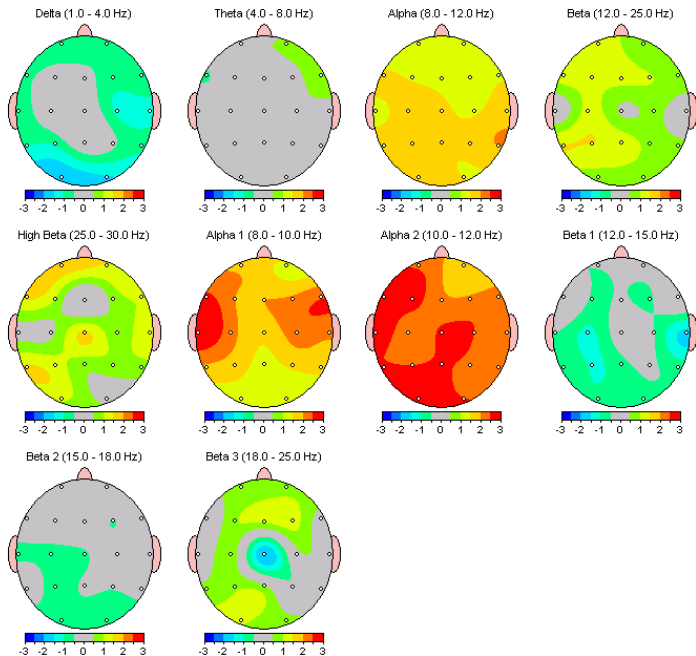
- Z-Score &gt;= 1.96 +

- Z-Score &gt;= 2.58 +

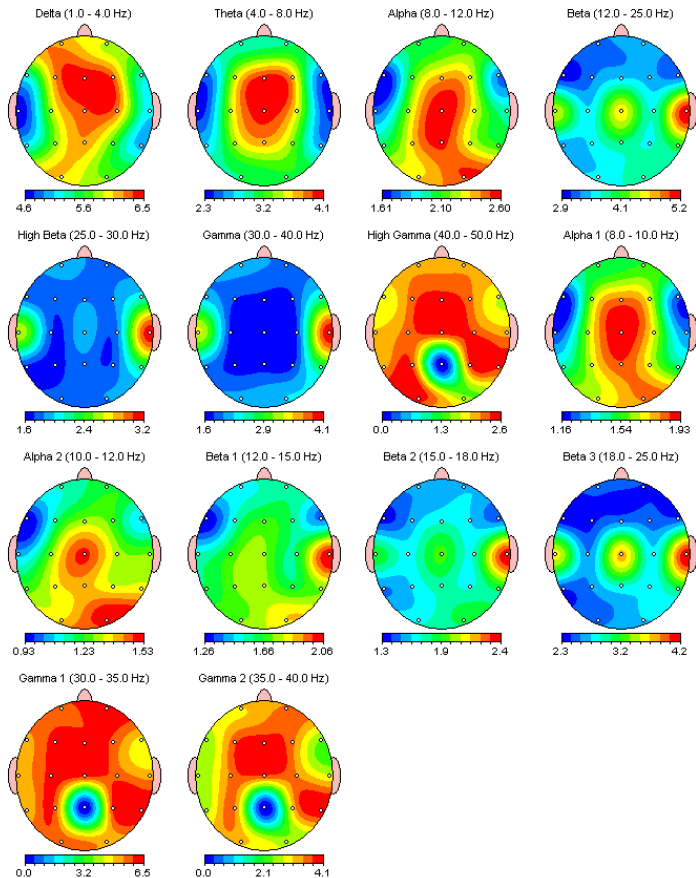
- Z-Score &gt;= 3.09 +

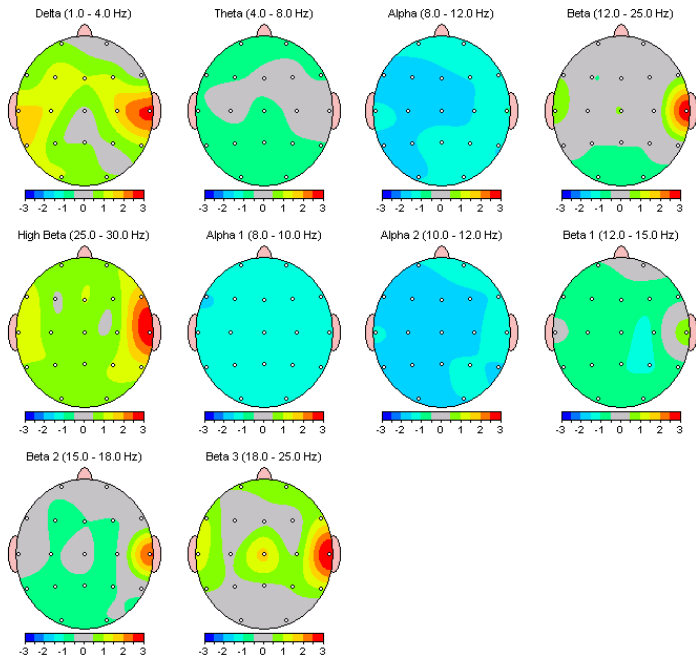
## Bursts per Second



**Z Scored Bursts per Second**

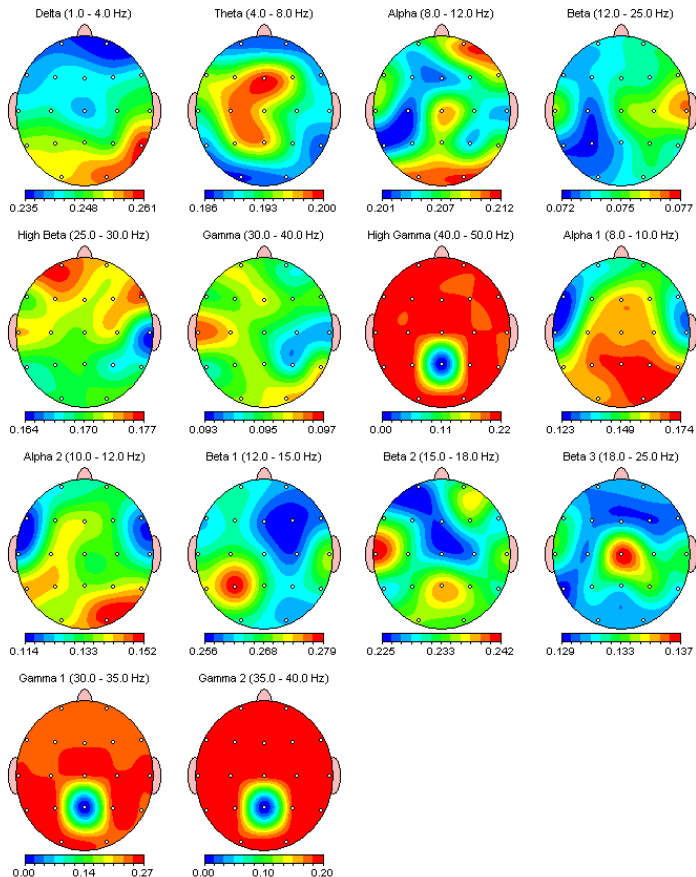
## Average Burst Amplitude (uV)



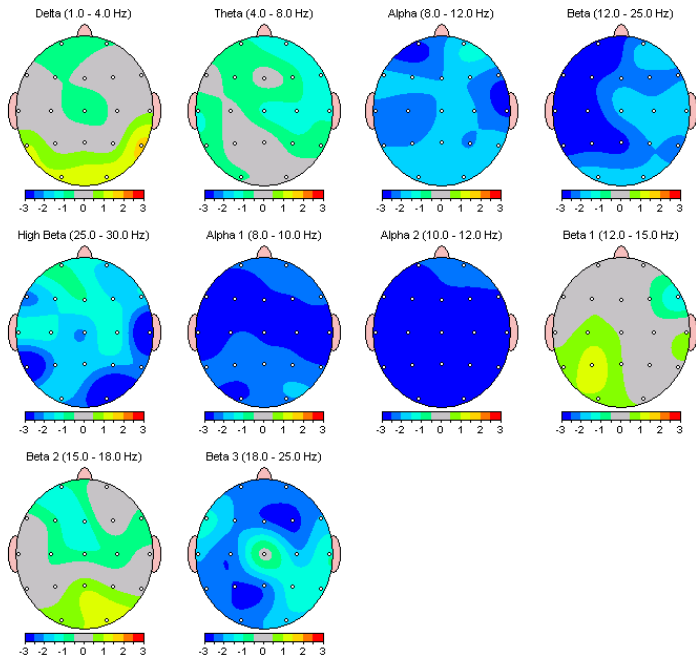
**Z Scored Average Burst Amplitude**



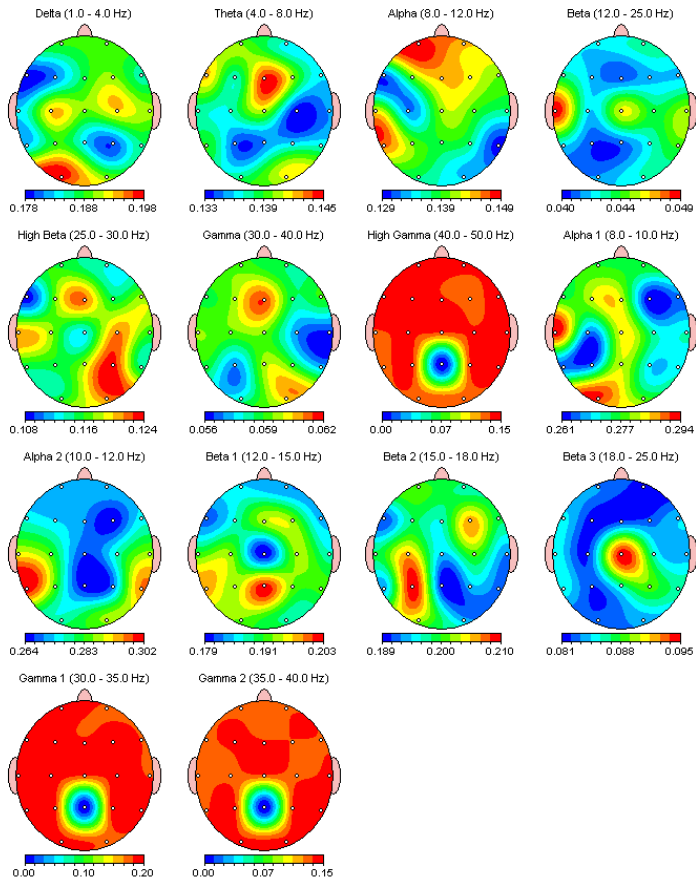
## Average Burst Duration (s)



## Z Scored Average Burst Duration



## Average Inter-Burst Interval (s)



## Z Scored Average Inter-Burst Interval

