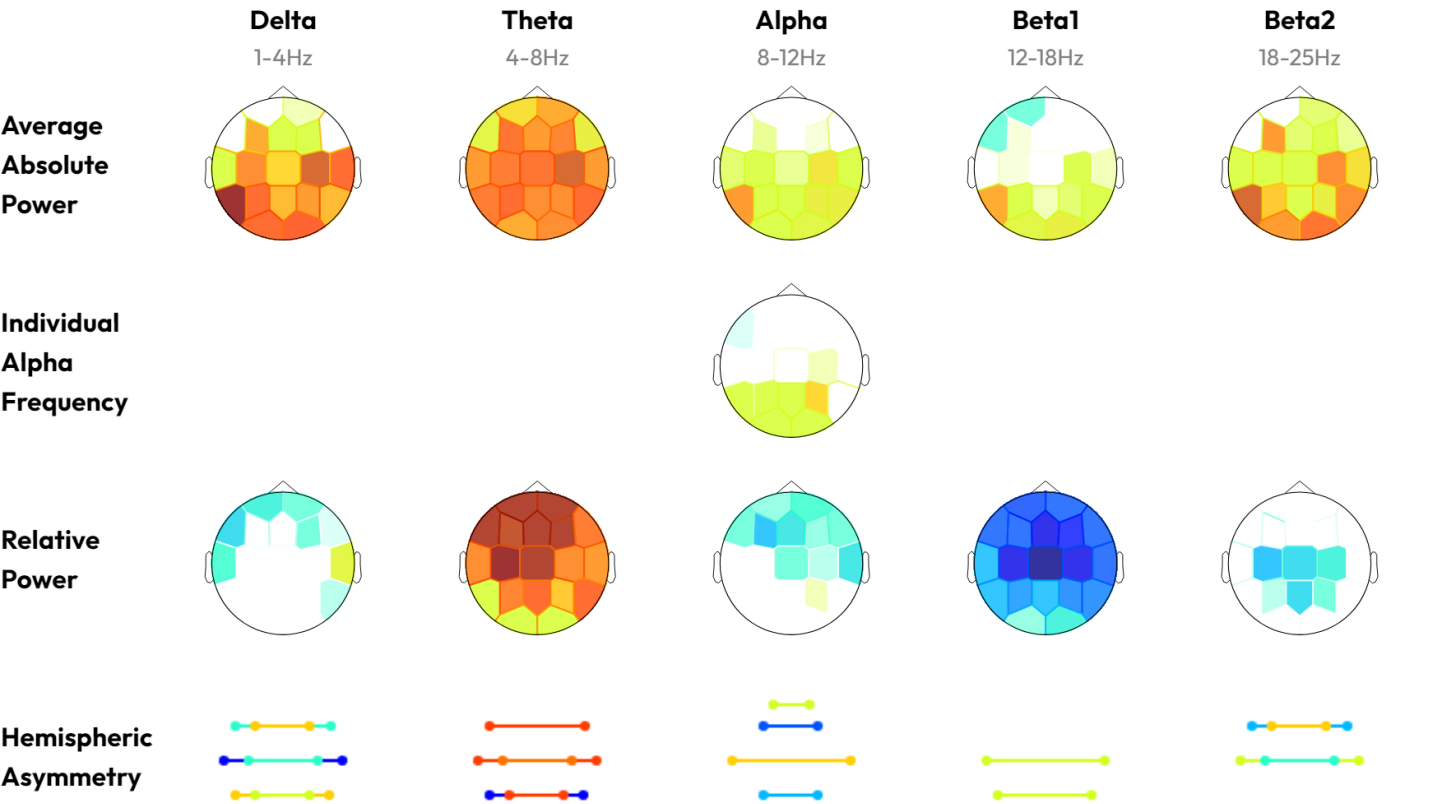
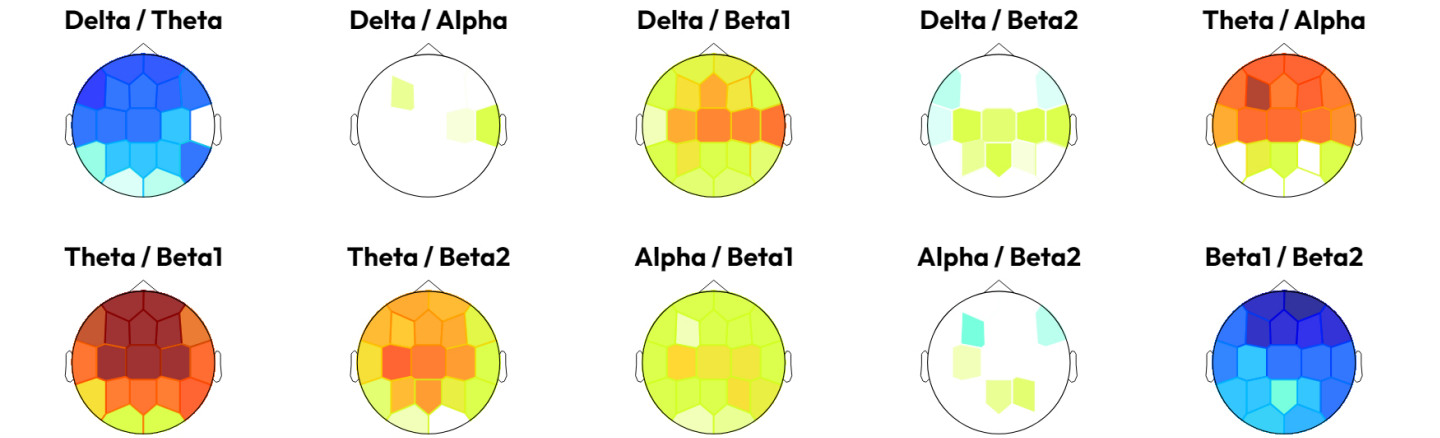


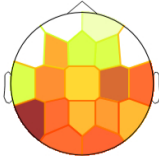
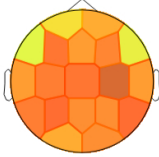
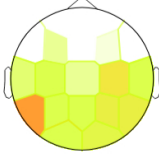
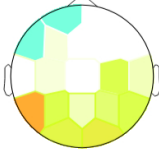
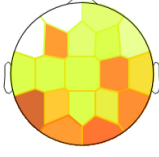
Power Spectrum Measures (Z-Score)



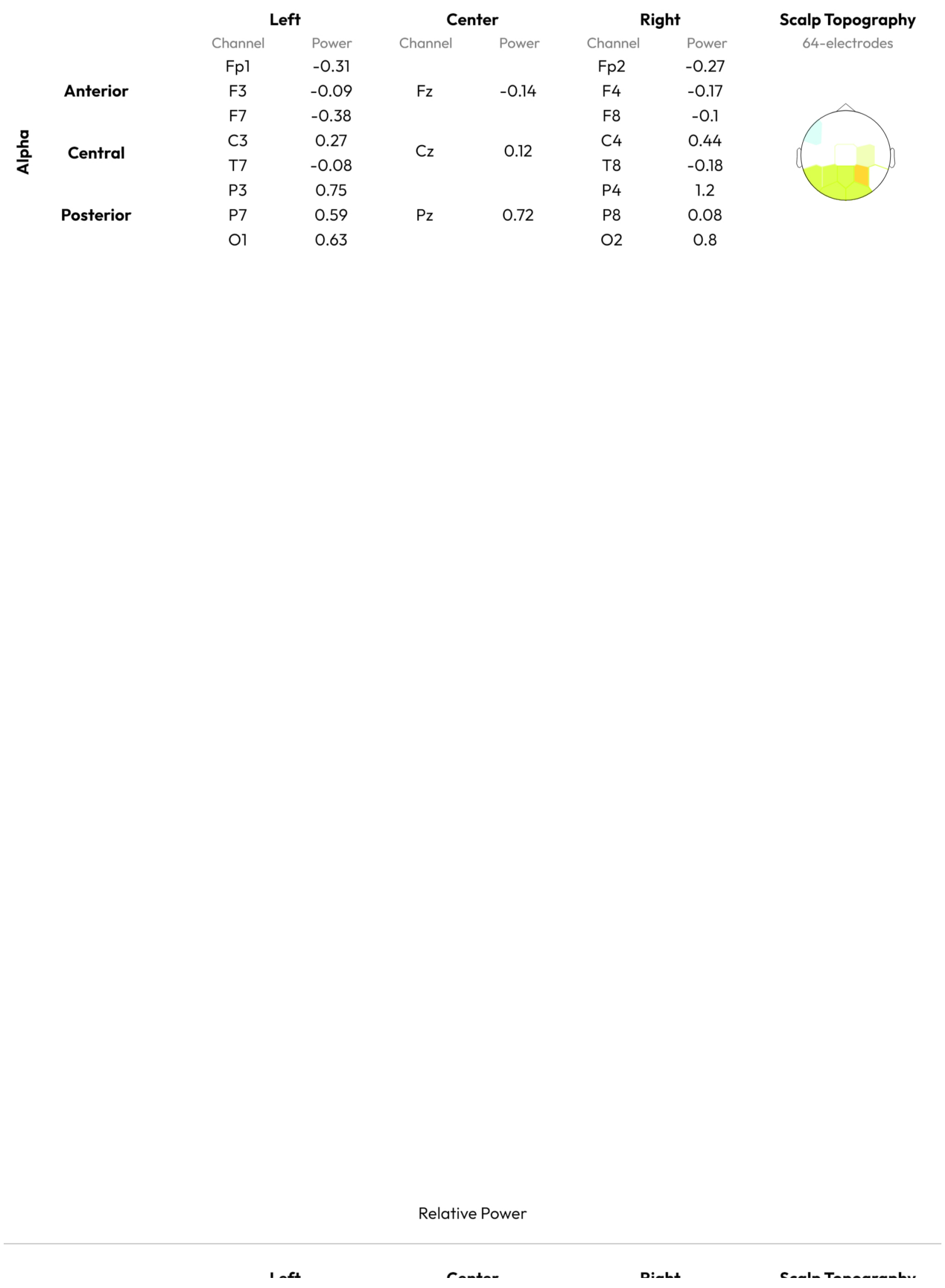
Frequency Ratios (Z-Score)


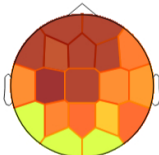

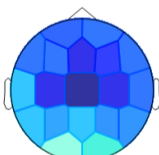




Average Absolute Power


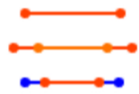

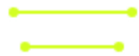
|       |           | Left    |       | Center  |       | Right   |       | Scalp Topography  |
|-------|-----------|---------|-------|---------|-------|---------|-------|---|
|       |           | Channel | Power | Channel | Power | Channel | Power | 64-electrodes   |
| Delta | Anterior  | Fp1     | 0.09  |         |       | Fp2     | 0.41  |    |
|       |           | F3      | 1.39  | Fz      | 0.74  | F4      | 0.71  |   |
|       |           | F7      | -0.15 |         |       | F8      | 0.28  |   |
|       | Central   | C3      | 1.49  |         |       | C4      | 2.19  |   |
|       |           | T7      | 0.68  | Cz      | 1.22  | T8      | 1.75  |   |
|       |           | P3      | 1.74  |         |       | P4      | 1.42  |   |
|       | Posterior | P7      | 2.5   | Pz      | 1.32  | P8      | 1.34  |   |
|       |           | O1      | 1.71  |         |       | O2      | 1.81  |   |
| Theta | Anterior  | Fp1     | 1.15  |         |       | Fp2     | 1.35  |    |
|       |           | F3      | 1.92  | Fz      | 1.43  | F4      | 1.55  |   |
|       |           | F7      | 0.93  |         |       | F8      | 0.99  |   |
|       | Central   | C3      | 2     |         |       | C4      | 2.23  |   |
|       |           | T7      | 1.42  | Cz      | 1.67  | T8      | 1.44  |   |
|       |           | P3      | 1.86  |         |       | P4      | 1.48  |   |
|       | Posterior | P7      | 1.99  | Pz      | 1.52  | P8      | 1.74  |   |
|       |           | O1      | 1.39  |         |       | O2      | 1.48  |   |
| Alpha | Anterior  | Fp1     | 0     |         |       | Fp2     | 0.12  |  |
|       |           | F3      | 0.46  | Fz      | 0.18  | F4      | 0.37  |   |
|       |           | F7      | -0.14 |         |       | F8      | 0.03  |   |
|       | Central   | C3      | 0.87  |         |       | C4      | 1.08  |   |
|       |           | T7      | 0.57  | Cz      | 0.51  | T8      | 0.58  |   |
|       |           | P3      | 0.88  |         |       | P4      | 1     |   |
|       | Posterior | P7      | 1.46  | Pz      | 0.71  | P8      | 1.02  |   |
|       |           | O1      | 0.86  |         |       | O2      | 0.93  |   |
| Beta1 | Anterior  | Fp1     | -0.55 |         |       | Fp2     | -0.33 |  |
|       |           | F3      | 0.38  | Fz      | -0.25 | F4      | -0.09 |   |
|       |           | F7      | -0.53 |         |       | F8      | -0.3  |   |
|       | Central   | C3      | 0.33  |         |       | C4      | 0.65  |   |
|       |           | T7      | 0.23  | Cz      | 0.01  | T8      | 0.42  |   |
|       |           | P3      | 0.65  |         |       | P4      | 0.53  |   |
|       | Posterior | P7      | 1.41  | Pz      | 0.39  | P8      | 0.68  |   |
|       |           | O1      | 0.94  |         |       | O2      | 1.01  |   |
| Beta2 | Anterior  | Fp1     | 0.21  |         |       | Fp2     | 0.52  |  |
|       |           | F3      | 1.42  | Fz      | 0.55  | F4      | 0.7   |   |
|       |           | F7      | 0.03  |         |       | F8      | 0.49  |   |
|       | Central   | C3      | 0.89  |         |       | C4      | 1.53  |   |
|       |           | T7      | 0.87  | Cz      | 0.64  | T8      | 1.14  |   |
|       |           | P3      | 1.24  |         |       | P4      | 1.02  |   |
|       | Posterior | P7      | 2.23  | Pz      | 0.7   | P8      | 1.53  |   |
|       |           | O1      | 1.42  |         |       | O2      | 1.65  |   |

Individual Alpha Frequency

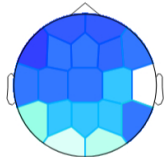


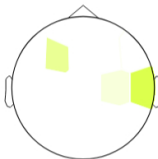
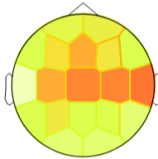
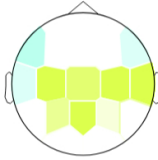
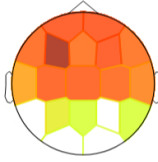
|       |           | Left    |       | Center  |       | Right   |       | Scalp Topography  |
|-------|-----------|---------|-------|---------|-------|---------|-------|---|
|       |           | Channel | Power | Channel | Power | Channel | Power | 64-electrodes   |
| Delta | Anterior  | Fp1     | -0.64 | Fz      | -0.27 | Fp2     | -0.52 |    |
|       |           | F3      | -0.28 |         |       | F4      | -0.56 |   |
|       |           | F7      | -0.77 |         |       | F8      | -0.37 |   |
|       | Central   | C3      | -0.16 | Cz      | -0.09 | C4      | 0.23  |   |
|       |           | T7      | -0.58 |         |       | T8      | 0.95  |   |
|       |           | P3      | 0.13  |         |       | P4      | -0.18 |   |
|       | Posterior | P7      | 0.19  | Pz      | -0.01 | P8      | -0.42 |   |
|       |           | O1      | 0.24  |         |       | O2      | 0.11  |   |
| Theta | Anterior  | Fp1     | 2.33  | Fz      | 2.33  | Fp2     | 2.32  |    |
|       |           | F3      | 2.3   |         |       | F4      | 2.33  |   |
|       |           | F7      | 2.31  |         |       | F8      | 1.95  |   |
|       | Central   | C3      | 2.46  | Cz      | 2.36  | C4      | 2.12  |   |
|       |           | T7      | 2.07  |         |       | T8      | 1.44  |   |
|       |           | P3      | 2.01  |         |       | P4      | 1.25  |   |
|       | Posterior | P7      | 0.92  | Pz      | 1.86  | P8      | 1.73  |   |
|       |           | O1      | 0.79  |         |       | O2      | 0.76  |   |
| Alpha | Anterior  | Fp1     | -0.49 | Fz      | -0.72 | Fp2     | -0.58 |   |
|       |           | F3      | -0.99 |         |       | F4      | -0.5  |   |
|       |           | F7      | -0.56 |         |       | F8      | -0.54 |   |
|       | Central   | C3      | -0.28 | Cz      | -0.55 | C4      | -0.42 |   |
|       |           | T7      | -0.09 |         |       | T8      | -0.71 |   |
|       |           | P3      | -0.08 |         |       | P4      | 0.43  |   |
|       | Posterior | P7      | 0.2   | Pz      | 0.01  | P8      | 0.13  |   |
|       |           | O1      | 0.01  |         |       | O2      | -0.09 |   |
| Beta1 | Anterior  | Fp1     | -1.84 | Fz      | -2.17 | Fp2     | -1.82 |  |
|       |           | F3      | -1.8  |         |       | F4      | -2.02 |   |
|       |           | F7      | -1.55 |         |       | F8      | -1.55 |   |
|       | Central   | C3      | -2.18 | Cz      | -2.38 | C4      | -2.17 |   |
|       |           | T7      | -1.21 |         |       | T8      | -1.75 |   |
|       |           | P3      | -1.31 |         |       | P4      | -1.38 |   |
|       | Posterior | P7      | -0.96 | Pz      | -1.22 | P8      | -1.37 |   |
|       |           | O1      | -0.49 |         |       | O2      | -0.68 |   |
| Beta2 | Anterior  | Fp1     | -0.19 | Fz      | -0.32 | Fp2     | -0.11 |  |
|       |           | F3      | -0.08 |         |       | F4      | -0.28 |   |
|       |           | F7      | -0.16 |         |       | F8      | 0.19  |   |
|       | Central   | C3      | -1.01 | Cz      | -0.76 | C4      | -0.65 |   |
|       |           | T7      | -0.05 |         |       | T8      | -0.32 |   |
|       |           | P3      | -0.45 |         |       | P4      | -0.57 |   |
|       | Posterior | P7      | -0.02 | Pz      | -0.77 | P8      | -0.04 |   |
|       |           | O1      | 0.13  |         |       | O2      | 0.26  |   |

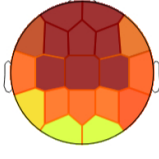
| Hemispheric Asymmetry |           |   |
|-----------------------|-----------|---|
| Channel Pair          | Asymmetry | Hemispheric Asymmetry Plot  |
| Fp1-Fp2               | -0.46     |  |
| F7-F8                 | -0.91     |   |
| F3-F4                 | 0.95      |   |

|       |         |       |   |
|-------|---------|-------|---|
| Delta | T7-T8   | -2.19 |     |
|       | C3-C4   | -0.93 |   |
|       | P7-P8   | 1.26  |   |
|       | P3-P4   | 0.83  |   |
|       | O1-O2   | 0.45  |   |
| Theta | Fp1-Fp2 | 0.26  |    |
|       | F7-F8   | 2.08  |   |
|       | F3-F4   | -0.41 |   |
|       | T7-T8   | 2.42  |   |
|       | C3-C4   | 1.85  |   |
|       | P7-P8   | -2.53 |   |
|       | P3-P4   | 2.42  |   |
|       | O1-O2   | 0.07  |   |
| Alpha | Fp1-Fp2 | 0.64  |    |
|       | F7-F8   | -0.02 |   |
|       | F3-F4   | -1.75 |   |
|       | T7-T8   | 1.1   |   |
|       | C3-C4   | 0.48  |   |
|       | P7-P8   | 0.11  |   |
|       | P3-P4   | -1.51 |   |
|       | O1-O2   | 0.35  |   |
| Beta1 | Fp1-Fp2 | -0.12 |  |
|       | F7-F8   | -0.12 |   |
|       | F3-F4   | 0.41  |   |
|       | T7-T8   | 0.62  |   |
|       | C3-C4   | -0.2  |   |
|       | P7-P8   | 0.7   |   |
|       | P3-P4   | 0.09  |   |
|       | O1-O2   | 0.39  |   |
| Beta2 | Fp1-Fp2 | -0.5  |  |
|       | F7-F8   | -0.99 |   |
|       | F3-F4   | 0.89  |   |
|       | T7-T8   | 0.77  |   |
|       | C3-C4   | -0.87 |   |
|       | P7-P8   | 0.18  |   |
|       | P3-P4   | 0.29  |   |
|       | O1-O2   | -0.42 |   |

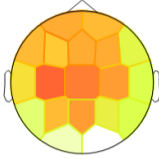
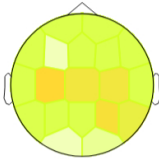
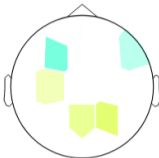
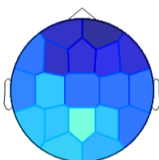
Frequency Ratios

|               |           | Left    |       | Center  |       | Right   |       | Scalp Topography  |
|---------------|-----------|---------|-------|---------|-------|---------|-------|---|
|               |           | Channel | Power | Channel | Power | Channel | Power | 64-electrodes   |
|               |           |         |       |         |       |         |       |   |
| Delta / Theta | Anterior  | Fp1     | -1.95 | Fz      | -1.7  | Fp2     | -1.94 |  |
|               |           | F3      | -1.68 |         |       | F4      | -1.86 |   |
|               |           | F7      | -2.02 |         |       | F8      | -1.61 |   |
|               | Central   | C3      | -1.65 | Cz      | -1.52 | C4      | -1.18 |   |
|               |           | T7      | -1.81 |         |       | T8      | -0.32 |   |
|               |           | P3      | -1.18 |         |       | P4      | -1    |   |
|               | Posterior | P7      | -0.47 | Pz      | -1.2  | P8      | -1.48 |   |
|               |           | O1      | -0.35 |         |       | O2      | -0.44 |   |
|               |           |         |       |         |       |         |       |   |
|               |           |         |       |         |       |         |       |   |

|                  |           |     |       |    |       |     |       |   |
|------------------|-----------|-----|-------|----|-------|-----|-------|---|
| Delta / Alpha    | Anterior  | Fp1 | -0.05 | Fz | 0.28  | Fp2 | 0.07  |    |
|                  |           | F3  | 0.46  |    |       | F4  | 0     |   |
|                  |           | F7  | -0.06 |    |       | F8  | 0.13  |   |
|                  | Central   | C3  | 0.06  | Cz | 0.27  | C4  | 0.34  |   |
|                  |           | T7  | -0.25 |    |       | T8  | 0.84  |   |
|                  |           | P3  | 0.09  |    |       | P4  | -0.29 |   |
|                  | Posterior | P7  | -0.01 | Pz | -0.02 | P8  | -0.3  |   |
|                  |           | O1  | 0.1   |    |       | O2  | 0.09  |   |
|                  |           |     |       |    |       |     |       |   |
| Delta / Beta1    | Anterior  | Fp1 | 0.97  | Fz | 1.41  | Fp2 | 1.04  |    |
|                  |           | F3  | 1.14  |    |       | F4  | 1.05  |   |
|                  |           | F7  | 0.6   |    |       | F8  | 0.88  |   |
|                  | Central   | C3  | 1.35  | Cz | 1.57  | C4  | 1.56  |   |
|                  |           | T7  | 0.41  |    |       | T8  | 1.67  |   |
|                  |           | P3  | 1.05  |    |       | P4  | 0.84  |   |
|                  | Posterior | P7  | 0.75  | Pz | 0.91  | P8  | 0.57  |   |
|                  |           | O1  | 0.57  |    |       | O2  | 0.57  |   |
|                  |           |     |       |    |       |     |       |   |
| Delta / Beta2    | Anterior  | Fp1 | -0.3  | Fz | 0.1   | Fp2 | -0.27 |   |
|                  |           | F3  | -0.11 |    |       | F4  | -0.15 |   |
|                  |           | F7  | -0.4  |    |       | F8  | -0.37 |   |
|                  | Central   | C3  | 0.67  | Cz | 0.55  | C4  | 0.64  |   |
|                  |           | T7  | -0.34 |    |       | T8  | 0.81  |   |
|                  |           | P3  | 0.49  |    |       | P4  | 0.35  |   |
|                  | Posterior | P7  | 0.18  | Pz | 0.66  | P8  | -0.26 |   |
|                  |           | O1  | 0.16  |    |       | O2  | -0.05 |   |
|                  |           |     |       |    |       |     |       |   |
| Theta / Alpha    | Anterior  | Fp1 | 1.78  | Fz | 2     | Fp2 | 1.82  |  |
|                  |           | F3  | 2.32  |    |       | F4  | 1.82  |   |
|                  |           | F7  | 1.94  |    |       | F8  | 1.61  |   |
|                  | Central   | C3  | 1.71  | Cz | 1.87  | C4  | 1.65  |   |
|                  |           | T7  | 1.35  |    |       | T8  | 1.52  |   |
|                  |           | P3  | 1.01  |    |       | P4  | 0.29  |   |
|                  | Posterior | P7  | 0.26  | Pz | 0.82  | P8  | 0.82  |   |
|                  |           | O1  | 0.25  |    |       | O2  | 0.32  |   |
|                  |           |     |       |    |       |     |       |   |
| Frequency Ratios |           |     |       |    |       |     |       |   |

|               |           |         |       |         |       |         |       |  |
|---------------|-----------|---------|-------|---------|-------|---------|-------|--|
| Theta / Beta1 | Anterior  | Left    |       | Center  |       | Right   |       | Scalp Topography<br>64-electrodes<br> |
|               |           | Channel | Power | Channel | Power | Channel | Power |  |
|               |           | Fp1     | 2.56  | Fz      | 2.72  | Fp2     | 2.54  |  |
|               | Central   | F3      | 2.47  |         |       | F4      | 2.61  |  |
|               |           | F7      | 2.29  |         |       | F8      | 2.16  |  |
|               |           | C3      | 2.67  | Cz      | 2.81  | C4      | 2.55  |  |
|               | Posterior | T7      | 1.9   |         |       | T8      | 1.86  |  |
|               |           | P3      | 1.98  |         |       | P4      | 1.61  |  |
|               |           | P7      | 1.11  | Pz      | 1.9   | P8      | 1.8   |  |
|               |           | O1      | 0.82  |         |       | O2      | 0.9   |  |

|               |          |     |      |    |      |     |      |   |
|---------------|----------|-----|------|----|------|-----|------|---|
| Theta / Beta2 | Anterior | Fp1 | 1.38 | Fz | 1.42 | Fp2 | 1.34 |  |
|               |          | F3  | 1.33 |    |      | F4  | 1.3  |   |
|               |          | F7  | 1.2  |    |      | F8  | 1.17 |   |

|               |           |     |       |    |       |     |       |   |
|---------------|-----------|-----|-------|----|-------|-----|-------|---|
| Theta / Beta2 | Anterior  | F3  | 1.28  | Fz | 1.41  | F4  | 1.4   |     |
|               |           | F7  | 1.34  |    |       | F8  | 0.95  |   |
|               | Central   | C3  | 1.79  | Cz | 1.63  | C4  | 1.45  |   |
|               |           | T7  | 1.11  |    |       | T8  | 0.92  |   |
|               | Posterior | P3  | 1.31  | Pz | 1.45  | P4  | 1.03  |   |
|               |           | P7  | 0.52  |    |       | P8  | 0.92  |   |
|               |           | O1  | 0.41  |    |       | O2  | 0.3   |   |
|               |           |     |       |    |       |     |       |   |
| Alpha / Beta1 | Anterior  | Fp1 | 0.81  | Fz | 0.78  | Fp2 | 0.72  |    |
|               |           | F3  | 0.4   |    |       | F4  | 0.88  |   |
|               |           | F7  | 0.6   |    |       | F8  | 0.59  |   |
|               | Central   | C3  | 1.18  | Cz | 1.05  | C4  | 1.06  |   |
|               |           | T7  | 0.79  |    |       | T8  | 0.6   |   |
|               |           | P3  | 0.78  |    |       | P4  | 1.13  |   |
|               | Posterior | P7  | 0.79  | Pz | 0.82  | P8  | 0.99  |   |
|               |           | O1  | 0.4   |    |       | O2  | 0.45  |   |
| Alpha / Beta2 | Anterior  | Fp1 | -0.16 | Fz | -0.23 | Fp2 | -0.25 |    |
|               |           | F3  | -0.56 |    |       | F4  | -0.12 |   |
|               |           | F7  | -0.23 |    |       | F8  | -0.41 |   |
|               | Central   | C3  | 0.43  | Cz | 0.1   | C4  | 0.12  |   |
|               |           | T7  | -0.01 |    |       | T8  | -0.26 |   |
|               |           | P3  | 0.22  |    |       | P4  | 0.57  |   |
|               | Posterior | P7  | 0.15  | Pz | 0.47  | P8  | 0.12  |   |
|               |           | O1  | -0.02 |    |       | O2  | -0.15 |   |
| Beta1 / Beta2 | Anterior  | Fp1 | -2.31 | Fz | -2.21 | Fp2 | -2.38 |  |
|               |           | F3  | -2.28 |    |       | F4  | -2.14 |   |
|               |           | F7  | -1.81 |    |       | F8  | -2.23 |   |
|               | Central   | C3  | -1.22 | Cz | -1.67 | C4  | -1.68 |   |
|               |           | T7  | -1.43 |    |       | T8  | -1.6  |   |
|               |           | P3  | -1    |    |       | P4  | -0.96 |   |
|               | Posterior | P7  | -1.08 | Pz | -0.54 | P8  | -1.72 |   |
|               |           | O1  | -0.86 |    |       | O2  | -1.28 |   |