**Supplemental Table 1.** Distribution of activation procedures performed by EEG.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **EEG #** | **N** | **Number of Procedures** | **Procedures**  **N** | **Sleep**  **N (%)** | **Photic Stimulation**  **N (%)** | **Hyperventilation**  **N (%)** |
| EEG 1 | 449 | 3  2  1  0 | 214  159  66  10 | 295 (65.7) | 406 (90.4) | 325 (72.4) |
| EEG 2 | 338 | 3  2  1  0 | 134  111  83  10 | 227 (67.2) | 264 (78.1) | 216 (63.9) |
| EEG 3 | 225 | 3  2  1  0 | 98  78  42  7 | 137 (60.9) | 191 (84.9) | 163 (72.4) |
| EEG 4 | 146 | 3  2  1  0 | 52  53  33  8 | 86 (58.9) | 114 (78.1) | 95 (65.1) |
| EEG 5 | 103 | 3  2  1  0 | 44  42  16  1 | 60 (58.3) | 91 (88.3) | 81 (78.6) |
| EEG 6 | 78 | 3  2  1  0 | 27  30  17  4 | 44 (56.4) | 63 (80.8) | 51 (65.4) |
| EEG 7 | 64 | 3  2  1  0 | 29  22  12  1 | 35 (54.7) | 57 (89.1) | 51 (79.7) |
| EEG 8 | 51 | 3  2  1  0 | 22  19  6  4 | 30 (58.8) | 40 (78.4) | 40 (78.4) |
| EEG 9 | 37 | 3  2  1  0 | 18  8  7  4 | 25 (67.6) | 26 (70.3) | 26 (70.3) |
| EEG 10 | 25 | 3  2  1  0 | 11  6  4  4 | 14 (56) | 18 (72) | 17 (68) |
| EEG 11 | 17 | 3  2  1  0 | 7  4  3  3 | 9 (52.9) | 12 (70.6) | 11 (64.7) |
| EEG 12 | 13 | 3  2  1  0 | 5  5  2  1 | 6 (46.2) | 11 (84.6) | 10 (76.9) |
| EEG 13 | 10 | 3  2  1  0 | 3  2  5  0 | 6 (60) | 6 (60) | 6 (60) |
| EEG 14 | 6 | 3  2  1  0 | 3  1  2  0 | 5 (83.3) | 4 (66.7) | 4 (66.7) |
| EEG 15 | 4 | 3  2  1  0 | 3  1  0  0 | 4 (100) | 4 (100) | 3 (75) |
| EEG 16 | 2 | 3  2  1  0 | 1  0  1  0 | 1 (50) | 2 (100) | 1 (50) |
| EEG 17 | 1 | 3  2  1  0 | 1  0  0  0 | 1 (100) | 1 (100) | 1 (100) |