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

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| --- | --- | --- | --- | --- | --- | --- |
| **EEG #** | **N** | **Number of Procedures** | **Procedures****N** | **Sleep****N (%)** | **Photic Stimulation****N (%)** | **Hyperventilation****N (%)** |
| EEG 1 | 449 | 3210 | 2141596610 | 295 (65.7) | 406 (90.4) | 325 (72.4) |
| EEG 2 | 338 | 3210 | 1341118310 | 227 (67.2) | 264 (78.1) | 216 (63.9) |
| EEG 3 | 225 | 3210 | 9878427 | 137 (60.9) | 191 (84.9) | 163 (72.4) |
| EEG 4 | 146 | 3 2 1 0  | 5253338 | 86 (58.9) | 114 (78.1) | 95 (65.1) |
| EEG 5 | 103 | 3 210  | 4442161 | 60 (58.3) | 91 (88.3) | 81 (78.6) |
| EEG 6 | 78 | 3 2 1 0  | 2730174 | 44 (56.4) | 63 (80.8) | 51 (65.4) |
| EEG 7 | 64 | 3 2 1 0  | 2922121 | 35 (54.7) | 57 (89.1) | 51 (79.7) |
| EEG 8 | 51 | 3 2 1 0  | 221964 | 30 (58.8) | 40 (78.4) | 40 (78.4) |
| EEG 9 | 37 | 3 2 1 0  | 18874 | 25 (67.6) | 26 (70.3) | 26 (70.3) |
| EEG 10 | 25 | 3 21 0  | 11 644 | 14 (56) | 18 (72) | 17 (68) |
| EEG 11 | 17 | 3 2 1 0 | 7433 | 9 (52.9) | 12 (70.6) | 11 (64.7) |
| EEG 12 | 13 | 3 2 1 0  | 5521 | 6 (46.2) | 11 (84.6) | 10 (76.9) |
| EEG 13 | 10 | 3 2 1 0  | 3250 | 6 (60) | 6 (60) | 6 (60) |
| EEG 14 | 6 | 32 1 0  | 3120 | 5 (83.3) | 4 (66.7) | 4 (66.7) |
| EEG 15 | 4 | 3 210  | 3100 | 4 (100) | 4 (100) | 3 (75) |
| EEG 16 | 2 | 3 2 1 0  | 1010 | 1 (50) | 2 (100) | 1 (50) |
| EEG 17 | 1 | 3 2 1 0 | 1000 | 1 (100) | 1 (100) | 1 (100) |