**Appendix table 1: Channels’ rank corresponding to three brain regions**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1-back | 2-back | 3-back |  | 1-back | 2-back | 3-back |  | 1-back | 2-back | 3-back |
| left | 36 | 36 | 44 | Center | 31 | 26 | 23 | Right | 6 | 1 | 6 |
| 35 | 33 | 35 | 27 | 23 | 20 | 2 | 14 | 9 |
| 47 | 37 | 34 | 21 | 28 | 29 | 14 | 2 | 16 |
| 44 | 47 | 37 | 24 | 29 | 25 | 12 | 15 | 8 |
| 41 | 40 | 42 | 20 | 18 | 19 | 8 | 9 | 12 |
| 46 | 45 | 41 | 19 | 27 | 26 | 15 | 16 | 7 |
| 33 | 48 | 47 | 26 | 25 | 30 | 7 | 7 | 11 |
| 45 | 46 | 36 | 17 | 19 | 31 | 4 | 10 | 5 |
| 39 | 43 | 45 | 25 | 24 | 27 | 9 | 6 | 4 |
| 48 | 42 | 33 | 22 | 31 | 28 | 10 | 11 | 14 |
| 40 | 41 | 40 | 29 | 17 | 18 | 3 | 4 | 15 |
| 42 | 35 | 43 | 28 | 21 | 32 | 16 | 3 | 13 |
| 34 | 39 | 48 | 32 | 30 | 21 | 11 | 13 | 10 |
| 38 | 44 | 39 | 23 | 32 | 17 | 1 | 5 | 3 |
| 43 | 34 | 38 | 18 | 20 | 24 | 13 | 8 | 2 |
| 37 | 38 | 46 | 30 | 22 | 22 | 5 | 12 | 1 |