Table A.

Experiment 1 statistical details of FNAT and STMB test.

|  |  |  |
| --- | --- | --- |
| **Outcome measure** | **Mean (sd)** | **Stimulation effect** |
| **iTBS+sham-tACS**  | **sham-iTBS+sham-tACS**  | **iTBS+γtACS**  | **Fdf** | **p** |
| **FNAT immediate** |
| TOTAL  | 25 (17.9) %[3.0 (2.2)] | 30.8 (21.1) %[3.7 (2.5)] | 40 (21.6) %[4.8 (2.6)] | 7.190 2,38 | 0,002 |
| NAME  | 34.6 (21.2) %[4.2 (2.5)] | 38.8 (19.9) %[4.7 (2.4)] | 46.7 (21.2) %[5.6 (2.5)] | 3.200 2,38 | 0,052 |
| OCCUPATION  | 50.8 (20.2) %[6.1 (2.4)] | 55.8 (24.9) %[6.7 (3.0)] | 61.3 (19.7) %[7.4 (2.4)] | 2.610 2, 38 | 0,086 |
| **FNAT delayed** |
| TOTAL  | 24.2 (19.8) %[2.9 (2.4)] | 26.3 (17.6) %[3.2 (2.1)] | 34.2 (20.4) %[4.1 (2.4)] | 5.860 2,38 | 0,006 |
| NAME  | 33.8 (22.7) %[4.1 (2.7)] | 33.8 (19) %[4.1 (2.3)] | 42.9 (21.5) %[5.2 (2.46] | 3.460 2,38 | 0,042 |
| OCCUPATION  | 44.2 (22) %[5.3 (2.6)] | 50 (25.5) %[6.0 (3.1)] | 55 (22.7) %[6.6 (2.7)] | 2.880 2,38 | 0,068 |
| **FNAT recognition** |
| TOTAL  | 61.7 (24.4) %[7.4 (2.9)] | 65 (20) %[7.8 (2.4)] | 65 (16.6) %[7.8 (2.0)] | 0.401 2,38 | 0,673 |
| NAME  | 66.7 (23.4) %[8.0 (2.8)] | 70.8 (16.8) %[8.5 (2.9)] | 71.7 (14.4) %[8.6 (1.7)] | 0.694 2,38 | 0,506 |
| OCCUPATION  | 84.6 (15.4) %[10.2 (1.8)] | 88.3 (13.6) %[10.6 (1.6)] | 84.6 (10.9) %[10.2 (1.3)] | 0.733 2,38 | 0,487 |
| **STMBT RT** |
| shape | 1550 (341) ms | 1571 (513) ms | 1597 (503) ms | 0.188 2,38 | 0,829 |
| binding | 1652 (363) ms | 1731 (446) ms | 1809 (454) ms | 2.660 2,38 | 0,083 |
| **STMBT accuracy** |
| shape | 96.5 (4.2) % | 95.8 (4.67) % | 96 (3.12) % | 0.172 2,38 | 0,842 |
| binding | 78 (10.2) % | 78.8 (11.1) % | 77.8 (9.21) % | 0.062 2,38 | 0,94 |

[ ] represent raw scores.