Supplementary table 3. Description and comparison of ECT parameters between groups

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Active rTMS group**  | **Sham rTMS group** | p value | Size effect η2 |
|  | Mean (SD) | Median [min;max] | Mean (SD) | Median [min;max] |  |  |
| ECT treatment per session (n=42) | 1.21 (0.30) | 1.00 [1;2] | 1.29 (0.28) | 1.20 [1;2] | 0.196 | 0.040 |
| Dose of propofol in milligrams (n=42) | 118.38 (32.07) | 116.00 [76;182] | 127.90 (46.46) | 114.00 [80;264] | 0.669 | 0.004 |
| Dose of curare in milligrams (n=42) | 61.33 (11.13) | 58.00 [46;80] | 65.48 (16.62) | 60.00 [42;116] | 0.339 | 0.017 |
| Seizure duration (s) (n=40) | 29.52 (12.47) | 28.90 [11.60;60.60] | 30.40 (15.11) | 25.75 [13.20;65.80] | 0.758 | 0.0024 |
| Electrical charge in milliCoulombs |  |  |  |  |  |  |
| - during the first ECT session (n=43) | 73.27 (22.48) | 72.00 [50;115] | 87.19 (43.86) | 72.00 [50;252] | 0.230 | 0.033 |
| - during the second ECT session (n=43) | 141.55 (40.80) | 125.50 [100;230] | 149.43 (33.50) | 151.00 [115;230] |  |  |
| - during the third ECT session (n=43) | 175.50 (67.89) | 151.00 [100;307] | 217.95 (88.50) | 230.00 [115;422] |  |  |
| - during the fourth ECT session (n=43) | 188.91 (79.18) | 152.00 [100;345] | 287.05 (156.54) | 230.00 [115;614] |  |  |
| - during the fifth ECT session (n=42) | 199.05 (98.87) | 154.00 [100;461] | 328.14 (214.74) | 252.00 [115;907] | **0.026** | 0.117 |
| Probability of Postictal EEG suppression (n=42) | 0.48 (0.29) | 0.50 [0;1] | 0.51 (0.31) | 0.40 [0;1] | 0.711 | 0.003 |