Supplemental Table 3. Patients characteristics with complete electroencephalogram data, stratified by delirium.

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| --- | --- | --- | --- | --- |
| ***Delirium*** | ***No Delirium*** | ***Delirium*** | ***p value*** | ***False***  ***Discovery***  ***Rate*** |
| ***(n = 136)*** | ***(n = 23)*** | ***p* value** |
| Age, (median [Q1,Q3]) | 69 [64, 75] | 74 [70, 80] | 0.006 | 0.026 |
| ASA Physical Status, n/total (%) |  |  | 1.000 | 1.000 |
| 2 | 6/136 (3) | 1/23 (4) |  |  |
| 3 | 91/136 (67) | 16/23 (70) |  |  |
| 4 | 39/136 (29) | 6/23 (26) |  |  |
| Abbreviated Montreal Cognitive Assessment, (median [Q1,Q3]) | 19 [17, 20] | 18 [16, 20] | 0.047 | 0.153 |
| Patient-Reported Outcomes Measurement Information System Physical, (median [Q1,Q3]) | 46 [40, 52] | 41 [38, 48] | 0.066 | 0.154 |
| Patient-Reported Outcomes Measurement Information System Global Health Physical, (median [Q1,Q3]) | 48 [40, 55] | 43 [40, 50] | 0.142 | 0.264 |
| Patient-Reported Outcomes Measurement Information System Global Health Mental, (median [Q1,Q3]) | 56 [49, 62] | 51 [43, 58] | 0.071 | 0.154 |
| Patient-Reported Outcomes Measurement Information System Pain, (median [Q1,Q3]) | 41 [41, 54] | 41 [41, 56] | 0.772 | 0.836 |
| Patient-Reported Outcomes Measurement Information System Cognition, (median [Q1,Q3]) | 61 [51, 61] | 51 [46, 61] | 0.374 | 0.578 |
| Patient-Reported Outcomes Measurement Information System Sleep, (median [Q1,Q3]) | 50 [44, 56] | 48 [37, 58] | 0.611 | 0.722 |
| Alpha power, (median [Q1,Q3]) | 2.61 [1.26, 4.60] | 0.86 [0.46, 2.01] | 0.001 | 0.013 |
| CPB length, (median [Q1,Q3]) | 121 [98, 159] | 133 [96, 188] | 0.509 | 0.662 |
| Lowest CPB temperature, (median [Q1,Q3]) | 34 [33.4, 34.4] | 34.2 [33.6, 34.8] | 0.400 | 0.578 |
| Burst Suppression, n/total (%) | 45/136 (33) | 15/23 (65) | 0.003 | 0.020 |

ASA, American Society of Anesthesiologists; CPB, Cardiopulmonary Bypass.