Table, Supplemental Digital Content 3: Number of items with no recorded response during the memory encoding sessions with and without drug administration

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   |   | Midazolam Session |   | Ketamine Session |
| Subject |   | Number  |   | Percent  |   | Number  |   | Percent  |
|   | Saline  | Drug  |   | Saline  | Drug  |   | Saline  | Drug  |   | Saline  | Drug  |
| 1 |   | - | - |   | - | - |   | 5 | 3 |   | 1.9% | 1.1% |
| 2 |   | 1 | 40 |   | 0.4% | 14.8% |   | 7 | 5 |   | 2.6% | 1.9% |
| 3 |   | 0 | 0 |   | 0.0% | 0.0% |   | 2 | 4 |   | 0.7% | 1.5% |
| 4 |   | 0 | 1 |   | 0.0% | 0.4% |   | 0 | 0 |   | 0.0% | 0.0% |
| 5 |   | 7 | 23 |   | 2.6% | 8.5% |   | 12 | 0 |   | 4.4% | 0.0% |
| 6 |   | - | - |   | - | - |   | 6 | 4 |   | 2.2% | 1.5% |
| 7 |   | 0 | 2 |   | 0.0% | 0.7% |   | - | - |   | - | - |
| 8 |   | 0 | 0 |   | 0.0% | 0.0% |   | - | - |   | - | - |
| 9 |   | 0 | 0 |   | 0.0% | 0.0% |   | 1 | 15 |   | 0.4% | 5.6% |
| 10 |   | 0 | 22 |   | 0.0% | 8.1% |   | 0 | 0 |   | 0.0% | 0.0% |
| 11 |   | 2 | 38 |   | 0.7% | 14.1% |   | 0 | 0 |   | 0.0% | 0.0% |
| 12 |   | 0 | 1 |   | 0.0% | 0.4% |   | - | - |   | - | - |
| 13 |   | 0 | 0 |   | 0.0% | 0.0% |   | 0 | 0 |   | 0.0% | 0.0% |
| 14 |   | 0 | 1 |   | 0.0% | 0.4% |   | 0 | 0 |   | 0.0% | 0.0% |
| 15 |   | 0 | 7 |   | 0.0% | 2.6% |   | 6 | 0 |   | 2.2% | 0.0% |
| 16 |   | 1 | 9 |   | 0.4% | 3.3% |   | 0 | 0 |   | 0.0% | 0.0% |
| 17 |   | 0 | 8 |   | 0.0% | 3.0% |   | 0 | 22 |   | 0.0% | 8.1% |
| 18 |   | 16 | 0 |   | 5.9% | 0.0% |   | 0 | 1 |   | 0.0% | 0.4% |
| 19 |   | - | - |   | - | - |   | 2 | 0 |   | 0.7% | 0.0% |
| 20 |   | 1 | 9 |   | 0.4% | 3.3% |   | - | - |   | - | - |
| 21 |   | - | - |   | - | - |   | 0 | 0 |   | 0.0% | 0.0% |
| 22 |   | 10 | 104 |   | 3.7% | 38.5% |   | - | - |   | - | - |
| 23 |   | 0 | 3 |   | 0.0% | 1.1% |   | 0 | 0 |   | 0.0% | 0.0% |
| 24 |   | 0 | 6 |   | 0.0% | 2.2% |   | 0 | 2 |   | 0.0% | 0.7% |
| 25 |   | 0 | 0 |   | 0.0% | 0.0% |   | 0 | 1 |   | 0.0% | 0.4% |
| 26 |   | 30 | 6 |   | 11.1% | 2.2% |   | 1 | 2 |   | 0.4% | 0.7% |
| Average |   | 3.1 | 12.7 |   | 1.1% | 4.7%\* |   | 2.0 | 2.8 |   | 0.7% | 1.0% |

Note: The total number of items (denominator) was 270.

Legend: “\*” indicates statistically significant difference; “-” indicates participant did not participate in experimental session