Table 1. Impulsive behavior based on cliff jumping test results

|  |  |  |
| --- | --- | --- |
| **Behavior** | **Groups** | ***Cochran’s Q*** |
| **Sham** | **Olanzapine** | **Haloperidol**  | **Risperidone** | **χ2** | **df** | **p** |
| Non-impulsive | 4(0.44) | 4(0.57) | 4(0.57) | 3(0.38) | 1.636 | 3 | 0.651 |
| Impulsive | 5(0.55) | 3(0.43) | 3(0.43) | 5(0.63) |  |  |  |

Table 2. Analysis of the time spent exploring old and novel objects in the novel object recognition tests for each treatment group using Mann Whitney test

|  |  |  |
| --- | --- | --- |
| **Groups** | **Mean (seconds)** | ***Mann Whitney test*** |
| **Old** | **Novel** | **Z** | **p** |
| Sham  | 26.24 | + | 23.49 | 23.38 | + | 25.36 | 0.530 | 0.596 |
| Olanzapine  | 37.31 | + | 55.52 | 25.4 | + | 26.24 | 0.064 | 0.952 |
| Haloperidol  | 36.34 | + | 59.73 | 13.28 | + | 27.74 | 0.721 | 0.472 |
| Risperidone  | 51.40 | + | 76.40 | 83.61 | + | 111.71 | 0.105 | 0.959 |
|  |  |  |  |  |  |  |  |  |

Table 3. Analysis of the time spent exploring old and novel objects in the novel object recognition tests between treatment groups using Kruskal Wallis test

|  |  |  |
| --- | --- | --- |
| **Objects** | **Mean (seconds)** | **Kruskall Wallis** |
| **X2** | **df** | **p** |
| **Old** |  |  |  |  |  |  |
| Sham | 26.24 | + | 23.49 | 0.375 | 3 | 0.945 |
| Olanzapine  | 37.31 | + | 55.52 |  |  |  |
| Haloperidol  | 36.34 | + | 59.73 |  |  |  |
| Risperidone | 51.40 | + | 76.40 |  |  |  |
| **Novel**  |  |  |  |  |  |  |
| Sham | 23.38 | + | 25.36 | 1.702 | 3 | 0.637 |
| Olanzapine  | 25.4 | + | 26.24 |  |  |  |
| Haloperidol  | 13.28 | + | 27.74 |  |  |  |
| Risperidone | 83.61 | + | 111.71 |  |  |  |