**S6 Table. SmartCube results for the Cntnap2 knockout model.**

| | | Measure | Genotype | Mean | SE |
|---|---|---|---|---|---|
| **SmartCube** | **Repetitive Behavior** | Grooming Time | WT | 193.9 | 21.6 |
| | | | KO | 185.6 | 20.1 |
| | | | | | |
| | | Digging Time (s) | WT | 0.3 | 0.04 |
| | | | KO | 0.2 | 0.03 |
| | | | | | |
| | **Exploration** | Latency to Approach Aversive Stimulus | WT | 36.0 | 7.4 |
| | | | KO | 13.5 | 2.8 |
| | | | | | |
| | | Sniffing (frequency) | WT | 446.9 | 29.3 |
| | | | KO | 396.1 | 25.4 |
| | | | | | |
| | | Unsupported Rearing Time (s) | WT | 72.5 | 7.1 |
| | | | KO | 65.2 | 9.1 |
| | | | | | |
| | **Activity** | Freezing Time (s) | WT | 1.8 | 0.3 |
| | | | KO | 0.4 | 0.1 |
| | | | | | |
| | | Abrupt Movement Frequency | WT | 6.8 | 1.3 |
| | | | KO | 30.7 | 5.4 |
| | | | | | |
| | | Velocity | WT | 3.3 | 0.1 |
| | | | KO | 3.8 | 0.1 |
| | | | | | |
| | | Locomotion Bursts (frequency) | WT | 236.6 | 14.9 |
| | | | KO | 358.5 | 21.7 |
| | | | | | |
| | | Short Steps (frequency) | WT | 42.4 | 3.4 |
| | | | KO | 62.8 | 2.9 |

Cntnap2