|  |  |  |  |
| --- | --- | --- | --- |
|  | **Number of spinal roots** | **Number of analyzed individual objects** | **Percentage of Motile Mitochondria (%)** |
| **Untreated** | 7 | 30 | 15.89 ± 1.395 |
| **H2O2-treated** | 6 | 11 | 5.044 ± 1.228 |
| **H2O2 +TTX (100 nM)** | 4 | 14 | 9.670 ± 2.17 |
| **H2O2 + TTX (1 µM)** | 5 | 16 | 11.46 ± 1.826 |

Table 2: Summary of motility parameters of untreated mitochondria, mitochondria under H2O2 treatment alone, and mitochondria treated with H2O2 in presence of 100 nM and 1 µM TTX. Values are shown as Mean ± SEM.