|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Number of spinal roots** | **Number of analyzed individual objects** | **Shape Factor** | **Length (µm)** | **Area (µm2)** |
| **Untreated** | 7 | 1010 | 0.4148 ± 0.0060 | 1.684 ± 0.0375 | 0.4043 ± 0.0124 |
| **H2O2-treated** | 6 | 812 | 0.4854 ± 0.0074 | 1.58 ± 0.0431 | 0.7557 ± 0.0335 |
| **H2O2 +TTX (100 nM)** | 4 | 622 | 0.4202 ± 0.0079 | 1.899 ± 0.0702 | 0.5247 ± 0.0268 |
| **H2O2 + TTX (1 µM)** | 5 | 911 | 0.503 ± 0.0072 | 1.44 ± 0.0362 | 1.015 ± 0.0377 |

Table 1: Summary of morphology 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.