|  |  |  |  |
| --- | --- | --- | --- |
|  | **Parameter** | **TOR** | **RS** |
| **Passive properties** (uniform) | **cm** (µf/cm2) | 0.97 ± 0.03 |
| **gl** (S/cm2) | 4.15\*10-5 ± 4.95\*10-6 |
| **Ra** (Ωcm) | 120 (Fixed) |
| **Soma** | **gNa** (S/cm2) | 0.49 ± 0.15 |
| **gCa** (S/cm2) | 10\*10-3 ± 1.58\*10-3 |
| **gBK** (S/cm2) | 10\*10-3 ± 4.08\*10-3 |
| **BK tau** (ms) | 41.67 ± 5.27 |
| **gKDR** (S/cm2) | 0.36 ± 0.17 |
| **gKM** (S/cm2) | 2\*10-5 (Fixed) |
| **gH** (S/cm2) | 10-4 (Fixed) |
| **gTOR** (S/cm2) | **44\*10-5 ± 7\*10-5** | **0** |
| **gRS** (S/cm2) | **128\*10-5 ± 20.3\*10-5** | **297\*10-5 ± 47.2\*10-5** |
| **Dendrite** | **gTOR** (S/cm2) | **14.7\*10-5 ± 2.33\*10-5** | **0** |
| **gRS** (S/cm2) | **42.7\*10-5 ± 6.78\*10-5** | **99.1\*10-5 ± 15.7\*10-5** |
| **gKDR** (S/cm2) | 7\*10-5 (Fixed) |
| **Axon Initial Segment** | **gNaax** (S/cm2) | 5 (Fixed) |
| **gKDR** (S/cm2) | 1.5 (Fixed) |
| **Axon** | **gNa** (S/cm2) | 0.1 (Fixed) |
| **gKDR** (S/cm2) | 0.1 (Fixed) |