**Table S2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GFAP/EGFP** | **control values** | **N** | **terminal ischemia/anoxia** | **N** |
| α | 0.193 ± 0.002 | 6 | 0.122 ± 0.010### | 6 |
| λ | 1.600 ± 0.014 | 6 | 1.893 ± 0.026### | 6 |
| *k´*(10-3 s-1) | 4.309 ± 0.295 | 6 | 6.607 ± 3.018 | 6 |
| [K+]e (mM) | 2.847 ± 0.052 | 6 | 57.180 ± 2.426### | 5 |
| **GFAP/EGFP/α-Syn-/-** | **control values** | **N** | **terminal ischemia/anoxia** | **N** |
| α | 0.224 ± 0.004\*\*\* | 6 | 0.164 ± 0.006\*### | 6 |
| λ | 1.640 ± 0.012 | 6 | 2.262 ± 0.086\*### | 6 |
| *k´*(10-3 s-1) | 3.522 ± 0.447 | 6 | 5.779 ± 1.570 | 6 |
| [K+]e (mM) | 2.877 ± 0.116 | 6 | 71.210 ± 1.879### | 5 |