**Table S2:** Areas of transversally sectioned prefrontal cortex axons acquired with conventional wide field fluorescence microscopy, stochastic optical reconstruction microscopy (STORM), and transmission electron microscopy (TEM).

|  |  |  |  |
| --- | --- | --- | --- |
|  | Wide Field | STORM | TEM |
| Number of values (n) | 41 | 41 | 88 |
| Mean (µm2) | 0,8039 | 0,3482 | 0,3381 |
| Std. Deviation (µm2) | 0,4106 | 0,3122 | 0,218 |
| Std. Error of Mean (µm2) | 0,06412 | 0,04817 | 0,02324 |
| Minimum (µm2) | 0,32 | 0,053 | 0,054 |
| 25% Percentile (µm2) | 0,4805 | 0,1523 | 0,1823 |
| Median (µm2) | 0,641 | 0,253 | 0,257 |
| 75% Percentile (µm2) | 1,093 | 0,388 | 0,4503 |
| Maximum (µm2) | 1,933 | 1,706 | 0,941 |