**S3 Table**: **Number of dendritic spines as a function of their distance from the soma.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 0-50 | 50-100 | 100-150 | 150-200 | 200-250 | 250-300 |
| Number of spines | 310 | 1107 | 2727 | 2407 | 508 | 148 |

The spines were ascribed to sections of 50µm long, from 0µm (beginning of the dendrite) to 300µm.