**Supplementary table 1**: Pixel and voxel dimensions of the present study

|  |  |  |  |
| --- | --- | --- | --- |
|  | ssTEM (all approaches) | SBFSEM -1 | SBFSEM-2 |
| pixel size in nm | 9.71 | 4.7 | 5.27 |
| voxel size in nm3 | 915.5 | 103.8 | 146.4 |