Table 1. Comparison between the different methods

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Root | Method | Hausdorff Distance | DSC | IoU |
| 1 | Otsu | 408.2 | 0.655 | 0.487 |
| U-net | 282.7 | 0.916 | 0.845 |
| SE-ResUnet | 283.0 | 0.936 | 0.880 |
|  |  |  |  |  |
| 2 | Otsu | 307.6 | 0.643 | 0.473 |
| U-net | 282.7 | 0.915 | 0.844 |
| SE-ResUnet | 283.0 | 0.937 | 0.882 |
|  |  |  |  |  |
| 3 | Otsu | 411.6 | 0.662 | 0.495 |
| U-net | 89.0 | 0.916 | 0.846 |
| SE-ResUnet | 88.2 | 0.936 | 0.880 |
|  |  |  |  |  |
| 4 | Otsu | 154.3 | 0.743 | 0.591 |
| U-net | 77.3 | 0.898 | 0.815 |
| SE-ResUnet | 77.3 | 0.921 | 0.854 |