

## Supplementary file

**Table S1.** Accuracy data for all samples in 3 different groups.

| Implant ID   | Printed Group<br>(Segmented vs Printed Tooth)<br>n=14 |              |             | Segmentation Group<br>(Segmented vs Actual Tooth)<br>n=8* |              |             | Overall Group<br>(Printed vs Actual Tooth)<br>n=8* |              |             |
|--------------|---|--------------|-------------|---|--------------|-------------|--|--------------|-------------|
|              | Accuracy (%)  | Min(%)       | Max(%)      | Accuracy (%)  | Min(%)       | Max(%)      | Accuracy (%)                                       | Min(%)       | Max(%)      |
| AL           | 83.497  | -0.1126      | 0.2848      | 66.020  | -0.3359      | 0.7368      | 73.190   | -0.7867      | 0.2374      |
| AR           | 90.918  | -0.0937      | 0.3433      | 68.200  | -0.1912      | 0.421       | 69.750   | -0.4315      | 0.2297      |
| BL           | 82.267  | 0.2126       | 0.3233      | 68.150  | -0.482       | 0.267       | 60.120   | -0.463       | 0.397       |
| BR           | 91.667  | -0.1431      | 0.2412      | 81.630  | -0.677       | 0.634       | 74.020   | -0.625       | 0.416       |
| CL           | 95.954  | -0.1291      | 0.2633      |   |              |             |  |              |             |
| CR           | 97.317  | -0.1231      | 0.1287      |   |              |             |  |              |             |
| DL           | 91.326  | -0.1580      | 0.1955      | 47.760  | -0.993       | 0.430       | 60.180   | -0.929       | 0.365       |
| DR           | 90.025  | -0.2263      | 0.3272      |   |              |             |  |              |             |
| EL           | 89.189  | -0.1881      | 0.3126      |   |              |             |  |              |             |
| ER           | 85.452  | -0.1713      | 0.3045      | 57.450  | -0.386       | 0.497       | 71.850   | -0.426       | 0.314       |
| FL           | 95.773  | -0.0967      | 0.2897      |   |              |             |  |              |             |
| FR           | 94.372  | -0.1590      | 0.2273      | 69.780  | -0.649       | 0.356       | 72.620   | -0.411       | 0.272       |
| GL           | 94.030  | -0.1620      | 0.2421      |   |              |             |  |              |             |
| GR           | 86.494  | -0.1374      | 0.3471      | 76.260  | -0.558       | 0.691       | 67.850   | -0.189       | 0.322       |
| <b>Avg</b>   | <b>90.59</b>  | <b>-0.12</b> | <b>0.27</b> | <b>66.91</b>  | <b>-0.53</b> | <b>0.50</b> | <b>68.70</b>                                       | <b>-0.53</b> | <b>0.32</b> |
| <b>Stdev</b> | <b>4.75</b>   | <b>0.10</b>  | <b>0.06</b> | <b>10.51</b>  | <b>0.25</b>  | <b>0.17</b> | <b>5.63</b>  | <b>0.24</b>  | <b>0.07</b> |

\*Only n=8 as the other n=6 were not extracted from the tooth socket

