### Table S1 Effects of implant parameter and bone augmentation procedure on the clinical outcomes

| Groups                        | N  | PI Mean ± SD | P  | PPD Mean ± SD | P  | SBI Mean ± SD | P  | MBL Mean ± SD | P  |
|-------------------------------|----|--------------|----|---------------|----|---------------|----|---------------|----|
| Bone augmentation procedure   |    | 0.864        | 0.453 | 0.635        | 0.82 |
| With                          | 14 | 0.96±0.77    | 2.89±1.10 | 0.04±0.09 | 1.32±0.59 |
| Without                       | 82 | 1.02±0.89    | 2.60±0.86 | 0.10±0.27 | 1.27±0.74 |
| Implant diameter              |    | 0.700        | 0.949 | 0.473        | 0.659 |
| 3.3 mm                        | 84 | 1.00±0.90    | 2.65±0.92 | 0.08±0.22 | 1.26±0.69 |
| 4.1 mm                        | 12 | 1.13±0.65    | 2.60±0.70 | 0.17±0.41 | 1.40±0.88 |

Plaque index; PPD, peri-implant probing depth; SBI, sulcus bleeding index; MBL, marginal bone loss; SD, standard deviation.