

**Supplementary Table 2.** Marginal predicted values of the fixed and random-effects model for the changes from baseline in pulp/tooth proportion values ( $\Delta A1/A0$ ) between teeth treated with different types of vital pulp therapy and controls

| Treatment | Follow-up period        |                         |                         |                         |                          |                          |                           |                           |                           |                         |  |
|-----------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--|
|           | 6 mo                    | 12 mo                   | 18 mo                   | 24 mo                   | 30 mo                    | 36 mo                    | 48 mo                     | 60 mo                     | 72 mo                     |                         |  |
| Control   | 0.58<br>(-0.51 to 1.68) | 1.36<br>(-0.31 to 3.02) | 2.14<br>(-0.12 to 4.40) | 2.93<br>(0.08 to 5.78)  | 3.73<br>(0.28 to 7.17)   | 4.53<br>(0.49 to 8.57)   | 6.16<br>(0.94 to 11.39)   | 7.82<br>(1.40 to 14.24)   |                           | 9.51<br>(1.89 to 17.12) |  |
| LB        | 0.87<br>(-0.11 to 1.85) | 1.62<br>(0.13 to 3.11)  | 2.3<br>(0.28 to 4.32)   | 2.91<br>(0.36 to 5.45)  | 3.43<br>(0.35 to 6.52)   | 3.89<br>(0.27 to 7.50)   | 4.57<br>(-0.11 to 9.24)   | 4.94<br>(-0.80 to 10.68)  | 5.02<br>(-1.79 to 11.83)  |                         |  |
| DPC       | 0.56<br>(-0.38 to 1.50) | 1.15<br>(-0.28 to 2.58) | 1.72<br>(-0.22 to 3.66) | 2.27<br>(-0.18 to 4.73) | 2.81<br>(-0.16 to 5.77)  | 3.32<br>(-0.15 to 6.80)  | 4.30<br>(-0.20 to 8.79)   | 5.20<br>(-0.33 to 10.72)  | 6.02<br>(-0.53 to 12.57)  |                         |  |
| PP        | 2.45<br>(1.76 to 3.14)  | 5.05<br>(4.00 to 6.11)  | 7.52<br>(6.09 to 8.94)  | 9.84<br>(8.04 to 11.65) | 12.04<br>(9.86 to 14.22) | 14.1<br>(11.54 to 16.65) | 17.81<br>(14.50 to 21.11) | 20.98<br>(16.92 to 25.03) | 23.61<br>(18.79 to 28.42) |                         |  |

Numbers in parentheses are 95% confidence intervals.

DPC, direct pulp capping; LB, protective liner and base; PP, pulpotomy.