

Supplementary Table 1. 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

Model component	Determinant/parameter	Estimate	95% CI	<i>p</i> -value
Fixed effects				
Treatment (reference: control)	LB	0.221	−0.599 to 1.041	0.597
	DPC	0.137	−0.670 to 0.944	0.740
	PP	−0.096	−0.820 to 0.627	0.794
Visit (linear)	Visit	0.127	0.025 to 0.230	0.015
Treatment × visit	LB × visit	0.017	−0.121 to 0.155	0.806
	DPC × visit	−0.024	−0.160 to 0.111	0.724
	PP × visit	0.340	0.218 to 0.461	<0.001
Visit ²	Visit ²	0.0001	−0.00027 to 0.00047	0.597
Treatment × visit ²	LB × visit ²	−0.00115	−0.00165 to −0.00065	<0.001
	DPC × visit ²	−0.00036	−0.00085 to 0.00013	0.150
	PP × visit ²	−0.00198	−0.00242 to −0.00154	<0.001
Covariates	Age	−0.0076	−0.0145 to −0.0007	0.032
	Sex	−0.306	−0.581 to −0.030	0.029
Root formation (reference: mature)	Immature	0.006	−0.323 to 0.334	0.974
Intercept	Constant	1.209	−0.022 to 2.440	0.054
Random effects (tooth level)				
Random intercept (SD)		1.053	0.885 to 1.251	-
Random slope for visit (SD)		0.226	0.199 to 0.257	-
Correlation structure		1.000	−1.00 to 1.00	-
Residual	Residual SD	1.246	1.195 to 1.300	-

CI, confidence interval; DPC, direct pulp capping; LB, protective liner and base; PP, pulpotomy; SD, standard deviation.