

Supplementary Table 10. Fixed and random-effects model for the changes from baseline in pulp/tooth proportion values ($\Delta C1/C0$) 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	1.233	0.419 to 2.047	0.003
	DPC	0.434	-0.367 to 1.235	0.288
	PP	-0.023	-0.741 to 0.696	0.951
Visit (linear)	Visit	0.271	0.191 to 0.350	<0.001
Treatment × visit	LB × visit	0.108	0.001 to 0.214	0.047
	DPC × visit	0.130	0.025 to 0.234	0.015
	PP × visit	0.064	-0.030 to 0.158	0.182
Visit ²	Visit ²	0.00024	-0.00008 to 0.00055	0.141
Treatment × visit ²	LB × visit ²	-0.00503	-0.00545 to -0.00460	<0.001
	DPC × visit ²	-0.00321	-0.00363 to -0.00280	<0.001
	PP × visit ²	-0.00079	-0.00116 to -0.00042	<0.001
Covariates	Age	0.0049	-0.0013 to 0.0110	0.119
	Sex	-0.094	-0.338 to 0.151	0.452
Root formation (reference: mature)	Immature	0.079	-0.212 to 0.370	0.596
Intercept	Constant	-0.853	-1.978 to 0.272	0.137
Random effects (tooth level)				
Random intercept (SD)		1.144	0.978 to 1.338	-
Random slope for visit (SD)		0.173	0.152 to 0.197	-
Correlation structure		1.000	-1.00 to 1.00	-
Residual	Residual SD	1.064	1.020 to 1.109	-

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