

Supplementary Table 22. Fixed and random-effects model for the changes from baseline in pulp/tooth proportion values ($\Delta C1/C0$) in the DPC and PP groups against those in the LB group

Model component	Determinant/parameter	Estimate	95% CI	<i>p</i> -value
Fixed effects				
Treatment (reference: LB)	DPC	-0.776	-1.567 to 0.014	0.054
	PP	-1.295	-2.021 to -0.569	<0.001
Visit (linear)	Visit	0.382	0.308 to 0.456	<0.001
Treatment × visit	DPC × visit	0.022	-0.080 to 0.124	0.674
	PP × visit	-0.043	-0.134 to 0.047	0.348
Visit ²	Visit ²	-0.00474	-0.00502 to -0.00446	<0.001
Treatment × visit ²	DPC × visit ²	0.00176	0.00137 to 0.00214	<0.001
	PP × visit ²	0.00422	0.00388 to 0.00456	<0.001
Covariates				
Age	Age	0.002	-0.004 to 0.009	0.476
Sex	Sex	-0.141	-0.411 to 0.129	0.306
Preoperative pulp diagnosis (reference: normal pulp)	Reversible pulpitis	0.014	-0.361 to 0.389	0.943
	Irreversible pulpitis	0.167	-0.249 to 0.583	0.431
Preoperative periapical status (reference: presence)	Absence	-0.095	-0.427 to 0.237	0.573
Pulp dressing (reference: MTA)	Biodentine	0.327	0.023 to 0.631	0.035
Root formation (reference: mature)	Immature	-0.143	-0.473 to 0.187	0.395
Irrigant (reference: NSS)	NaOCl	-0.157	-0.485 to 0.171	0.347
Site of exposure (reference: mesial)	Distal	0.070	-0.210 to 0.349	0.626
Intercept	Constant	0.844	-0.376 to 2.065	0.175
Random effects (tooth level)				
Random slope for visit (SD)	SD (visit)	0.181	0.157 to 0.208	-
Random intercept (SD)	SD (intercept)	1.168	0.982 to 1.389	-
Correlation structure	Corr (visit, intercept)	1.000	-1.000 to 1.000	-
Residual	Residual SD	1.047	1.000 to 1.097	-

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