

Supplementary Table 31. Fixed and random-effects model for the changes from baseline of pulp/tooth proportion values ($\Delta B2/B0$) in the different groups of preoperative pulpal diagnosis, against the normal pulp group

Model component	Determinant/parameter	Estimate	95% CI	p-value
Fixed effects				
Preoperative pulp diagnosis (reference: normal pulp)	Reversible pulpitis	0.109	-0.177 to 0.394	0.457
	Irreversible pulpitis	0.337	0.045 to 0.630	0.024
Visit (linear)	Visit	0.117	0.074 to 0.160	<0.001
Preoperative pulp diagnosis × visit	Reversible pulpitis × visit	0.003	-0.049 to 0.055	0.916
	Irreversible pulpitis × visit	0.058	0.010 to 0.107	0.019
Visit ²	Visit ²	-0.00112	-0.00126 to -0.00098	<0.001
Preoperative pulp diagnosis × visit ²	Reversible pulpitis × visit ²	0.00014	-0.00004 to 0.00032	0.120
	Irreversible pulpitis × visit ²	0.00019	0.00002 to 0.00036	0.028
Covariates				
Age	Age	-0.003	-0.007 to 0.000	0.057
Sex	Sex	-0.019	-0.149 to 0.111	0.772
Treatment (reference: LB)	DPC	-0.240	-0.445 to -0.035	0.022
	PP	-0.616	-0.821 to -0.410	<0.001
	CP	-0.912	-1.194 to -0.630	<0.001
Preoperative periapical status (reference: presence)	Absence	-0.169	-0.327 to -0.011	0.036
Pulp dressing (reference: MTA)	Biodentine	0.135	-0.014 to 0.285	0.076
Root formation (reference: mature)	Immature	0.122	-0.037 to 0.281	0.132
Irrigant (reference: NSS)	NaOCl	-0.132	-0.289 to 0.024	0.098
Intercept	Constant	0.909	0.339 to 1.479	0.002
Random effects (tooth level)				
Random slope for visit (SD)	SD (visit)	0.095	0.082 to 0.110	-
Random intercept (SD)	SD (intercept)	0.379	0.300 to 0.478	-
Correlation structure	Corr (visit, intercept)	0.870	0.518 to 0.970	-
Residual	Residual SD	0.481	0.457 to 0.507	-

CI, confidence interval; CP, coronal pulpotomy; DPC, direct pulp capping; LB, protective liner and base; MTA, mineral trioxide aggregate; NSS, normal saline solution; PP, pulpotomy; SD, standard deviation.