

Supplementary Table 34. Fixed and random-effects model for the changes from baseline of pulp/tooth proportion values ($\Delta C1/C0$) 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	-0.680	-5.015 to 3.654	0.758
	Irreversible pulpitis	-0.001	-4.701 to 4.700	1.000
Visit (linear)	Visit	0.339	0.236 to 0.441	<0.001
Preoperative pulp diagnosis × visit	Reversible pulpitis × visit	-0.001	-0.128 to 0.125	0.984
	Irreversible pulpitis × visit	0.066	-0.058 to 0.189	0.297
Visit ²	Visit ²	-0.00342	-0.00481 to -0.00204	<0.001
Preoperative pulp diagnosis × visit ²	Reversible pulpitis × visit ²	0.00100	-0.00071 to 0.00271	0.252
	Irreversible pulpitis × visit ²	0.00196	0.00030 to 0.00363	0.021
Covariates				
Age	Age	-0.045	-0.115 to 0.025	0.208
Sex	Sex	-1.490	-4.295 to 1.315	0.298
Treatment (reference: LB)	DPC	1.703	-2.563 to 5.969	0.434
	PP	1.566	-2.678 to 5.809	0.470
Preoperative periapical status (reference: presence)	Absence	1.021	-2.355 to 4.397	0.553
Pulp dressing (reference: MTA)	Biodentine	-3.474	-6.572 to -0.375	0.028
Root formation (reference: mature)	Immature	-2.908	-6.292 to 0.476	0.092
Irrigant (reference: NSS)	NaOCl	0.067	-3.338 to 3.473	0.969
Site of exposure (reference: mesial)	Distal	-0.814	-3.687 to 2.059	0.579
Intercept	Constant	8.560	-3.079 to 20.199	0.149
Random effects (tooth level)				
Random intercept (SD)	SD (teeth-level intercept)	0.161	0.138 to 0.188	-
Correlation structure	Exchangeable	1.000	-1.000 to 1.000	-
Residual	Residual SD	4.658	4.449 to 4.877	-

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