

APPENDIX

Statistic analysis of load and microtensile bond strength of dental adhesive on dentin surface at -30, 0, 30 cmH₂O and dry dentin surface

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
load	Between Groups	119.632	3	39.877	90.272	.000
	Within Groups	15.903	36	.442		
	Total	135.535	39			
microtensile	Between Groups	193.480	3	64.493	90.185	.000
	Within Groups	25.745	36	.715		
	Total	219.225	39			

Multiple Comparisons

Tukey HSD

Dependent Variable	(I) type	(J) type	Mean Difference		Sig.	95% Confidence Interval	
			(I-J)	Std. Error		Lower Bound	Upper Bound
load	1	2	.63200	.29724	.164	-.1685	1.4325
		3	1.52900*	.29724	.000	.7285	2.3295
		4	4.51200*	.29724	.000	3.7115	5.3125
	2	1	-.63200	.29724	.164	-1.4325	.1685
		3	.89700*	.29724	.023	.0965	1.6975
		4	3.88000*	.29724	.000	3.0795	4.6805
	3	1	-1.52900*	.29724	.000	-2.3295	-.7285
		2	-.89700*	.29724	.023	-1.6975	-.0965
		4	2.98300*	.29724	.000	2.1825	3.7835
	4	1	-4.51200*	.29724	.000	-5.3125	-3.7115
		2	-3.88000*	.29724	.000	-4.6805	-3.0795
		3	-2.98300*	.29724	.000	-3.7835	-2.1825
microtensile	1	2	.80000	.37819	.168	-.2185	1.8185
		3	1.95100*	.37819	.000	.9325	2.9695
		4	5.73700*	.37819	.000	4.7185	6.7555
	2	1	-.80000	.37819	.168	-1.8185	.2185
		3	1.15100*	.37819	.022	.1325	2.1695
		4	4.93700*	.37819	.000	3.9185	5.9555
	3	1	-1.95100*	.37819	.000	-2.9695	-.9325
		2	-1.15100*	.37819	.022	-2.1695	-.1325
		4	3.78600*	.37819	.000	2.7675	4.8045
	4	1	-5.73700*	.37819	.000	-6.7555	-4.7185
		2	-4.93700*	.37819	.000	-5.9555	-3.9185
		3	-3.78600*	.37819	.000	-4.8045	-2.7675

*. The mean difference is significant at the 0.05 level.



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