

Table 2. Difference in the cumulative fluoride release between both materials after period of time

t	Dataset number	Outcome	95%CI	p-value	Medium (unit of measurement)
1d	179	MD 2.00	-0.12, 4.12	0.06	µg/cm ²
	174	MD 6.00	2.47, 9.53	0.0009	ppm
	008	MD -0.35	-0.53, -0.17	0.0002*	µg/g
	[118,121]	WMD -12.31	-13.22, -11.40	<0.00001*	mg/L ⁻¹
2d	016	MD 0.26	0.02, 0.50	0.03	mg/g
	168	MD -10.03	-13.79, -6.27	<0.00001*	µg/cm ²
3d	017	MD 0.26	0.05, 0.47	0.02	mg/g
4d	018	MD 0.32	0.10, 0.54	0.005	
	019	MD 0.34	0.11, 0.57	0.004	
7d/1w	180	MD 0.40	-1.64, 2.44	0.70	µg/cm ²
	[144,146,148,150,152]	WMD -0.72	-1.75, 0.31	0.17	ppm
	175	MD -2.00	-7.54, 3.54	0.48	
	009	MD -0.52	-0.77, -0.27	0.0001*	µg/g
	101	MD -30.10	-61.90, 1.70	0.06	µg/ mm ²
14d/2w	020	MD 0.46	0.16, 0.76	0.003	mg/g
	181	MD -0.20	-2.95, 2.55	0.89	µg/cm ²
	176	MD -11.00	-18.90, -3.10	0.006*	ppm
	010	MD -0.85	-1.01, -0.69	<0.00001*	µg/g
	102	MD -7.44	-10.76, -4.12	0.0001*	µg/ mm ²
15d	021	MD 0.68	0.31, 1.05	0.0003	mg/g
	053	MD 0.18	-0.32, 0.68	0.48	µg/cm ²
21d/3w	[041,042,043,045,052,054,055,056]	WMD 6.79	1.39, 12.19	0.01	µg/cm ²
	[113,114,115]	WMD -35.99	-192.07, 120.09	0.65	µg/cm ²
	103	MD -5.01	-6.06, -3.96	<0.00001*	µg/ mm ²
	022	MD 0.70	0.34, 1.06	0.0001	mg/g
28d	[001,002,169]	WMD 2.22	1.17, 3.27	<0.0001	µg/cm ²
	[003,004]	WMD 23.53	-102.89, 149.95	0.72	ppm
	011	MD -2.30	-2.67, -1.93	<0.00001*	µg/g
	023	MD 0.85	0.37, 1.33	0.0005	µg/g
30d/4w/1m	182	MD 2.40	-0.36, 5.16	0.09	µg/cm ²
	177	MD -6.00	-13.65, 1.65	0.12	ppm
	104	MD -3.85	-4.85, -2.85	<0.00001*	µg/ mm ²
	[119,122]	WMD -26.31	-34.78, -17.83	<0.00001*	mg/L ⁻¹
35d/5w	[100,105]	WMD -174.18	-509.80, 161.44	0.31	µg/ mm ²
6w	[005,006,133,143]	WMD 20.48	6.72, 34.23	0.004	ppm
56d	012	MD -1.43	-1.75, -1.11	<0.00001*	µg/g
60d	183	MD 4.70	0.71, 8.69	0.02	µg/cm ²
10w	178	MD -67.00	-105.27, -28.73	0.0006*	ppm
84d	013	MD -1.97	-2.44, -1.50	<0.00001*	µg/g
90d/3m	184	MD 12.50	8.18, 16.82	<0.00001*	µg/cm ²
	[120,123]	WMD -26.47	-35.44, -17.49	<0.00001*	mg/L ⁻¹
91d	[145,147,149,151,153]	WMD -1.09	-4.58, 2.39	0.54	ppm
160d	014	MD -0.65	-1.45, 0.15	0.11	µg/g
161d	170	MD 48.09	33.85, 62.33	<0.00001	µg/cm ²
170d	015	MD -0.79	-1.60, 0.02	0.06	µg/g

.t = period of time; d = day(s); w = week(s); m = month(s); WMD = Weighted mean difference; MD = mean difference; CI = confidence interval, [] Datasets combined through meta-analysis (random effects model).

* Result in favor of GIC

Results in red = no difference between both materials

Results in green = in favor of RMGIC