Table 3. Difference in fluoride release at time intervals between both materials

t	Dataset number	Outcome	95%CI	p-value	unit of measurement
1min	057	MD 0.50	0.36, 0.64	<0.00001	
10min	058	MD –0.24	-0.44, -0.04	0.02*	
20min	059	MD 0.05	-0.06, 0.16	0.39	
30min	060	MD 0.12	0.04, 0.20	0.003	
40min	061	MD 0.14	0.07, 0.21	0.0001	
50min	062	MD 0.11	0.04, 0.18	0.004	
1h	[063,083]	WMD 0.04	-0.05, 0.13	0.37	
75min	064	MD 0.09	0.03, 0.16	0.002	
90min	065	MD 0.09	0.05, 0.13	<0.00001	
105min	066	MD 0.08	0.02, 0.14	0.008	µg/cm^2
2h	067	MD 0.07	0.03, 0.11	0.002	
140min	068	MD 0.06	0.02, 0.10	0.003	
160min	069	MD 0.04	0.02, 0.06	0.002	
3h	070	MD 0.03	0.01, 0.05	0.003	
210min	071	MD 0.03	0.01, 0.05	0.003	
4h	072	MD 0.02	0.01, 0.03	0.002	
270min	073	MD 0.03	0.01, 0.05	0.003	
5h	074	MD 0.04	0.02, 0.06	<0.0001	
6h	075	MD 0.02	0.01, 0.03	0.002	
	[124,134]	WMD –4.43	-25.69, 16.84	0.68	ppm
8h	077	MD 0.02	0.01, 0.03	0.002	
10h	078	MD 0.01	0.00, 0.02	0.11	µg/cm^2
12h	079	MD 0.01	0.00, 0.02	0.11	
1d	[024,031,046,107,125,135,171]	WMD –0.62	-4.43, 3.18	0.75	ppm
	[080,154]	WMD 0.00	-0.01, 0.01	1.00	µg/cm^2
	[116,117]	WMD 39.67	38.85, 40.49	<0.00001	µg/cm^2/h
36h	081	MD 0.00	-0.01, 0.01	1.00	µg/cm^2
2d/46h	[025,032,047,089,108,126,136]	WMD 5.16	1.63, 8.69	0.004	ppm
	[082,155]	WMD –0.33	-1.23, 0.57	0.47	µg/cm^2
3d	[026,033,048,109]	WMD 0.33	-0.11, 0.77	0.14	ppm
	[084,156]	WMD 1.51	-1.47, 4.48	0.32	µg/cm^2
84h	085	MD 0.01	0.00, 0.02	0.11	
4d/96h	[027,034,090,172]	WMD 1.57	0.09, 3.05	0.04	ppm
	[086,157]	WMD 0.66	-0.63, 1.96	0.32	µg/cm^2
5d	[028,035]	WMD 1.26	-1.33, 3.86	0.34	ppm
	[087,158]	WMD 0.36	-0.34, 1.05	0.31	µg/cm^2
6d	[029,036,091]	WMD 1.32	-0.39, 3.03	0.13	ppm
	[088,159]	WMD 0.47	-0.47, 1.41	0.32	µg/cm^2
7d/1w	[030,037,049,127,137,173]	WMD 2.70	0.30, 5.10	0.03	ppm
	160	MD 0.51	0.26, 0.76	<0.0001	µg/cm^2
8d	092	MD 2.90	2.37, 3.43	<0.00001	ppm
	161	MD 2.09	1.61, 2.57	<0.00001	µg/cm^2
9d	162	MD 2.02	1.82, 2.22	<0.00001	
10d	[093,110]	WMD 1.52	-1.13, 4.16	0.26	ppm
	163	MD 2.03	1.67, 2.39	<0.00001	
11d	164	MD 1.50	1.07, 1.93	<0.00001	µg/cm^2
12d	165	MD 1.28	1.03, 1.53	<0.0001	
	094	MD 2.88	2.17, 3.59	<0.00001	ppm
13d	166	MD 1.73	1.29, 2.17	<0.00001	µg/cm^2
14d/2w	167	MD 1.53	1.09, 1.97	<0.00001	
	[038,050,095,128,138]	WMD 3.60	-0.20, 7.40	0.06	
16d	096	MD 2.17	1.41, 2.93	<0.00001	ppm
18d	097	MD 2.09	1.64, 2.54	<0.00001	
20d	[098,111]	WMD 1.04	-0.38, 2.46	0.15	
21d/3w	106	MD 2.92	1.81, 4.03	<0.00001	µg/cm^2
	[039,129,139]	WMD 4.25	1.34, 7.16	0.004	
22d	099	MD 1.79	1.33, 2.25	<0.00001	
28d	[040,051]	WMD 0.91	-0.67, 2.48	0.26	
30d/4w	112	MD –0.01	-0.16, 0.14	0.10	ppm
	[130,140]	WMD 4.12	2.69, 5.55	<0.00001	
5w	[131.141]	WMD 2.72	0.47, 4.97	0.02	
6w	[132,142]	WMD 2.18	-0.17, 4.53	0.07	

.t = time interval; min= minute(s); h = hour(s); d = day(s); w = week(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