

Supplementary Table 3. Mean \pm SD values and statistical analyses of surface roughnesses (R_a and R_q).

Surface roughness	Group	Mean \pm SD (nm)					
		Control	1st aged	<i>P</i>	2nd Aged	<i>P</i> [†]	<i>P</i> [‡]
<i>R_a</i>	M	4.82 \pm 0.71 ^b	5.00 \pm 0.82 ^b	.400	5.33 \pm 1.21 ^b	.067	.249
	C	4.44 \pm 0.51 ^b	6.26 \pm 2.53 ^b	<.001*	6.82 \pm 0.86 ^b	<.001*	.280
	E	6.68 \pm 1.09 ^c	8.55 \pm 2.67 ^c	<.001*	11.41 \pm 4.67 ^c	<.001*	<.009*
	S	13.08 \pm 1.37 ^d	13.55 \pm 1.15 ^d	.173	15.00 \pm 1.79 ^d	<.001*	<.009*
	Z	2.82 \pm 0.48 ^a	2.29 \pm 0.28 ^a	.351	3.21 \pm 0.41 ^a	.002*	.004*
<i>R_q</i>	M	6.38 \pm 0.98 ^b	6.76 \pm 1.28 ^{a,b}	.232	7.30 \pm 1.86 ^{a,b}	<.026*	.213
	C	6.44 \pm 0.85 ^b	8.60 \pm 3.34 ^b	.002*	9.83 \pm 0.92 ^b	<.001*	.070
	E	10.02 \pm 1.70 ^c	15.73 \pm 7.67 ^c	<.001*	21.38 \pm 8.57 ^c	<.001*	.014*
	S	17.74 \pm 1.80 ^d	19.12 \pm 1.61 ^d	.005*	21.90 \pm 2.98 ^c	<.001*	.004*
	Z	3.81 \pm 0.59 ^a	4.00 \pm 0.35 ^a	.157	4.32 \pm 0.56 ^a	.002*	.014*

M: IPS e.max CAD, C: Celtra Duo, E: Vita Enamic, S: Cerasmart, Z: Lava Plus Zirconia

Different superscripted letters of each vertical column indicate significant differences ($P < 0.05$).

P value were calculated by result of independent samples t-test between control groups and first aged groups.

P[†] value were calculated by result of independent samples t-test between control groups and second aged groups.

P[‡] value were calculated by result of independent samples t-test between first aged groups and second aged groups.