Supplementary Table 1. Multiple Linear Regression Analyses for maximal cIMT and mean CAVI

Independent variables	Maximal cIMT [*]			Mean CAVI [*]		
	β	95% CI	P value	β	95% CI	P value
Number of present teeth	0.000	-0.002, 0.002	0.905	0.012	-0.003, 0.026	0.114
Mean probing pocket depth, mm	0.018	0.000, 0.037	0.049	0.133	0.006, 0.259	0.040
Age, y	0.007	0.005, 0.008	<0.001	0.066	0.058, 0.074	<0.001
Sex (men:1; women:2)	-0.042	-0.070, -0.140	0.003	-0.186	-0.377, 0.005	0.057
Body mass index, kg/m^2	0.001	-0.002, 0.005	0.403	0.103	-0.049, 0.002	0.032
Log triglycerides, mg/dL	-0.035	-0.085, 0.015	0.166	0.095	-0.249, 0.439	0.587
HDL-cholesterol, mg/dL	-0.001	-0.002, 0.000	0.075	-0.006	-0.011, 0.000	0.048
LDL-cholesterol, mg/dL	0.001	0.000, 0.001	0.002	-0.002	-0.004, 0.001	0.150
Systolic blood pressure, mmHg	0.001	0.000, 0.002	<0.001	0.005	0.002, 0.009	0.005
Hemoglobin A1c	0.058	0.039, 0.078	<0.001	0.148	0.016, 0.281	0.028
Smoking status (never:reference)						
Former	0.009	-0.023, 0.041	0.570	0.108	-0.112, 0.328	0.336
Current	0.022	-0.017, 0.061	0.061	0.178	-0.088, 0.445	0.445
Habitual drinking (yes)	-0.009	-0.036, 0.019	0.529	0.092	-0.097, 0.282	0.340

[*] Mean probing pocket depth as an independent variable representing periodontal status in the regression models

Independent variables	Maximal cIMT [†]			Mean CAVI [†]		
	β	95% CI	P value	β	95% CI	P value
Number of present teeth	0.001	-0.002, 0.003	0.581	0.010	-0.005, 0.026	0.203
Mean clinical attachment loss, mm	0.013	0.001, 0.025	0.04	0.026	-0.059, 0.111	0.548
Age, y	0.007	0.005, 0.008	<0.001	0.066	0.057, 0.074	<0.001
Sex (men:1; women:2)	-0.040	-0.068, -0.012	0.005	-0.199	-0.392, -0.006	0.043
Body mass index, kg/m^2	0.002	-0.002, 0.005	0.324	-0.023	-0.047, 0.000	0.050
Log triglycerides, mg/dL	-0.035	-0.085, 0.015	0.166	0.091	-0.253, 0.435	0.604
HDL-cholesterol, mg/dL	-0.001	-0.002, 0.000	0.065	-0.006	-0.011, 0.000	0.036
LDL-cholesterol, mg/dL	0.001	0.000, 0.001	0.001	-0.002	-0.004, 0.001	0.142
Systolic blood pressure, mmHg	0.001	0.000, 0.002	<0.001	0.005	0.002, 0.009	0.005
Hemoglobin A1c	0.058	0.039, 0.078	<0.001	0.149	0.016, 0.281	0.028
Smoking status (never:reference)						
Former	0.008	-0.023, 0.040	0.602	0.095	-0.125, 0.315	0.395
Current	0.019	-0.019, 0.058	0.058	0.174	-0.094, 0.442	0.203
Habitual drinking (yes)	-0.008	-0.035, 0.019	0.570	0.103	-0.086, 0.293	0.286

[†] Mean clinical attachment loss as an indepependent variable representing periodontal status in the regression models

Supplementary Table 2. Multiple Logistic Regression Analyses for maximal cIMT > 1mm and mean CAVI ≥ 8

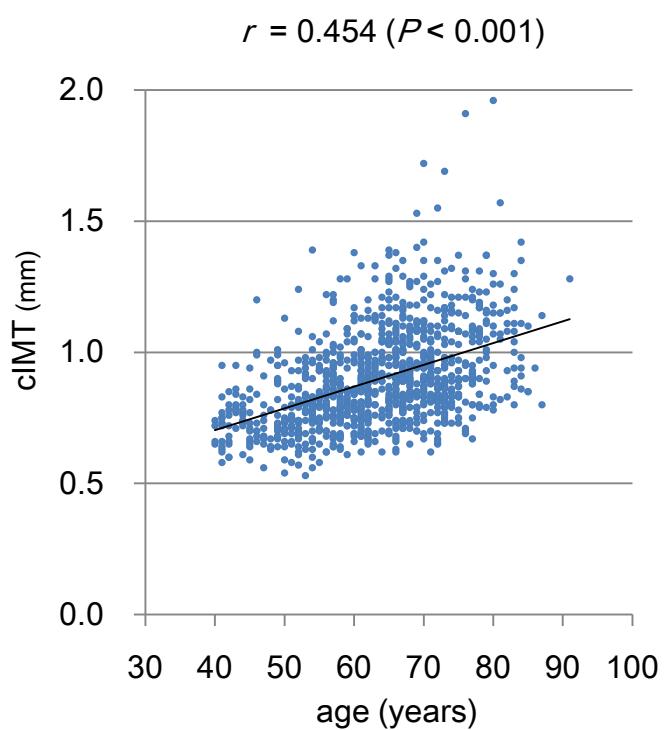| Independent variables	Maximal cIMT > 1mm [*]			Mean CAVI ≥ 8 [*]		
	Odds ratio	95% CI	P value	Odds ratio	95% CI	P value
Number of present teeth	1.013	0.980-1.046	0.577	1.015	0.985-1.046	0.341
Mean probing pocket depth, mm	1.430	1.067-1.918	0.017	1.323	1.003-1.743	0.047
Age, y	1.101	1.077-1.126	<0.001	1.133	1.110-1.158	<0.001
Sex (men:1; women:2)	0.558	0.355-0.876	0.011	0.867	0.569-1.321	0.506
Body mass index, kg/m^2	1.060	1.003-1.120	0.037	0.982	0.933-1.033	0.489
Log triglycerides, mg/dL	0.761	0.325-1.784	0.530	1.189	0.563-2.507	0.650
HDL-cholesterol, mg/dL	0.998	0.985-1.012	0.802	0.997	0.985-1.009	0.637
LDL-cholesterol, mg/dL	1.008	1.002-1.014	0.006	0.998	0.993-1.003	0.467
Systolic blood pressure, mmHg	1.002	0.994-1.010	0.663	1.010	1.002-1.018	0.013
Hemoglobin A1c	1.513	1.124-2.036	0.006	1.458	1.062-2.002	0.020
Smoking status (never:reference)						
Former	1.278	0.781-2.089	0.329	1.228	0.756-1.995	0.407
Current	1.617	0.875-2.990	0.125	1.627	0.906-2.922	0.103
Habitual drinking (yes)	0.781	0.496-1.231	0.287	1.117	0.737-1.694	0.602

[*] Mean probing pocket depth as an independent variable representing periodontal status in the regression models

Independent variables	Maximal cIMT > 1mm [†]			Mean CAVI ≥ 8 [†]		
	Odds ratio	95% CI	P value	Odds ratio	95% CI	P value
Number of present teeth	1.021	0.985-1.057	0.258	1.012	0.980-1.045	0.474
Mean clinical attachment loss, mm	1.251	1.032-1.516	0.022	1.066	0.980-1.045	0.492
Age, y	1.099	1.075-1.124	<0.001	1.132	1.108-1.156	<0.001
Sex (men:1; women:2)	0.582	0.368-0.919	0.020	0.849	0.556-1.297	0.448
Body mass index, kg/m^2	1.065	1.008-1.125	0.025	0.987	0.938-1.038	0.606
Log triglycerides, mg/dL	0.754	0.321-1.770	0.516	1.177	0.558-2.482	0.669
HDL-cholesterol, mg/dL	0.998	0.984-1.011	0.719	0.997	0.985-1.009	0.576
LDL-cholesterol, mg/dL	1.008	1.002-1.014	0.005	0.998	0.993-1.003	0.467
Systolic blood pressure, mmHg	1.002	0.993-1.010	0.673	1.010	1.002-1.018	0.014
Hemoglobin A1c	1.527	1.125-2.071	0.007	1.476	1.074-2.027	0.016
Smoking status (never:reference)						
Former	1.27	0.776-2.078	0.341	1.208	0.745-1.961	0.444
Current	1.545	0.832-2.869	0.168	1.607	0.893-2.891	0.113
Habitual drinking (yes)	0.797	0.506-1.253	0.325	1.147	0.758-1.735	0.517

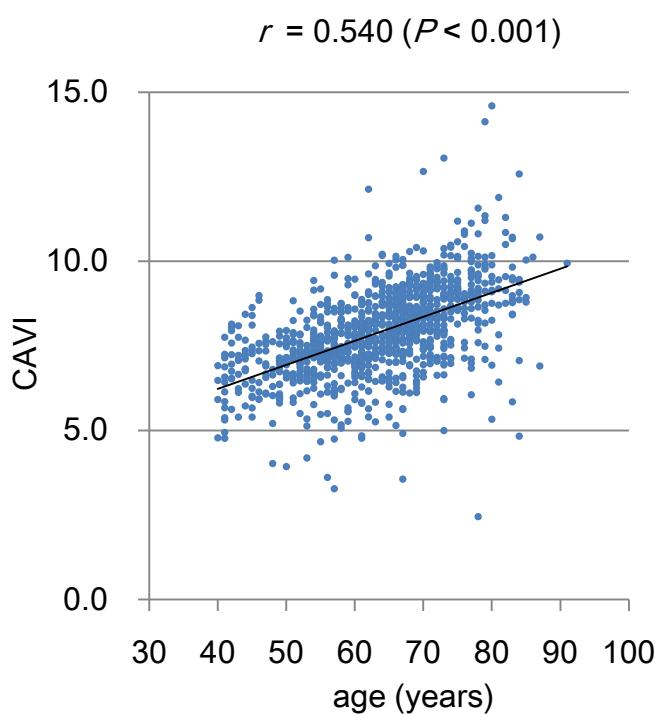[†] Mean clinical attachment loss as an independent variable representing periodontal status in the regression models

Supplementary Figure 1

A

r = 0.454 (P < 0.001)

B

r = 0.540 (P < 0.001)

C

r = 0.293 (P < 0.001)