

Supplementary Table SI. Predictors of increasing calcium scores in linear regression in the whole cohort of individuals > 50 years and Lp(a) \geq 30 mg/dl

Variable	Univariate	P-value	Multivariate	P-value
	β (95% CI)		β (95% CI)	
Age	0.0931 (0.026 to 0.604)	0.006	0.037 (0.010 to 0.065)	0.009
Gender	-0.1670 (-0.150 to 0.833)	< 0.001	-0.318 (-0.823 to 0.187)	0.213
Obese	-0.1501 (-0.123 to -0.176)	< 0.001	0.116 (-0.356 to 0.558)	0.625
hsCRP	-0.157 (-0.114 to -0.687)	0.001	-0.017 (-0.050 to 0.016)	0.298
Vit D	-0.1577 (-0.129 to -0.897)	< 0.001	0.009 (-0.003 to 0.014)	0.116
TAPSE	0.1711 (0.028 to 0.405)	< 0.001	0.027 (-0.065 to 0.118)	0.562
Non-HDL-C	0.0654 (0.033 to 0.175)	< 0.001	0.006 (0.001 to 0.012)	0.047
Lp (a)	0.1315 (0.1011 to 0.514)	< 0.001	0.003 (-0.004 to 0.010)	0.382

Supplementary Table SII. Predictors of increasing calcium scores in linear regression in the whole cohort of individuals > 50 years and Lp(a) > 50 mg/dl

Variable	Univariate	P-value	Multivariate	P-value
	β (95% CI)		β (95% CI)	
All				
Age	0.093 (0.008 to 0.173)	0.032	0.025 (0.001 to 0.045)	0.023
Gender	0.160 (0.014 to 0.806)	< 0.001	-0.060 (-0.458 to 0.038)	0.764
BMI	0.180 (0.109 to 0.417)	< 0.001	-0.006 (-0.042 to 0.031)	0.754
hsCRP	0.640 (0.150 to 0.772)	< 0.001	-0.023 (-0.053 to 0.036)	0.114
Vit D	0.155 (0.102 to 0.876)	< 0.001	0.006 (-0.013 to 0.015)	0.165
HbA _{1c}	0.196 (0.015 to 0.471)	0.002	0.315 (0.102 to 0.529)	0.002
Non-HDL-C	0.168 (0.028 to 0.489)	< 0.001	0.001 (-0.005 to 0.008)	0.091
Lp (a)	0.111 (0.010 to 0.433)	< 0.001	0.004 (-0.002 to 0.010)	0.185