Supplementary Table 5. Sensitivities, specificities and their 95% CI at various cut-offs of predicted values from LR in predicting atherosclerotic vascular events

Quantile	Cut-off of predicted value	Sensitivity			Specificity		
		Median	95% CI lower	95% CI upper	Median	95% CI lower	95% CI upper
10%	0.060	0.980	0.953	1.000	0.110	0.093	0.128
20%	0.070	0.899	0.852	0.946	0.212	0.191	0.235
30%	0.077	0.826	0.765	0.886	0.315	0.289	0.342
40%	0.086	0.732	0.658	0.799	0.416	0.389	0.443
50%	0.097	0.664	0.584	0.738	0.520	0.493	0.546
60%	0.111	0.537	0.456	0.617	0.616	0.589	0.644
70%	0.123	0.450	0.369	0.530	0.717	0.692	0.743
80%	0.141	0.342	0.269	0.423	0.817	0.796	0.840
90%	0.176	0.208	0.148	0.282	0.913	0.898	0.929

Age and disease history (diabetes, hypertension, acute myocardial infarction, and stroke) at baseline were included in the LR model. Confidence intervals were calculated using a R package pROC with 2000 stratified bootstrap replicates.
CI, confidence interval; LR, logistic regression.

Supplementary Table 6. Spearman correlations of CD40 and CD40L (A.U., CPIP cohort) measured in plaque homogenate versus plaque elements

Variable	CD40 (n=198)			CD40L (n=198)		
	r	P	P, adjusted	r	P	P, adjusted
Plaque components (mg/g)						
Collagen	0.248	0.00041	0.002	0.286	4.7×10^{-5}	0.00052
Elastin	0.351	3.8×10^{-7}	4.2×10^{-6}	0.339	1.3×10^{-6}	1.7×10^{-5}
MMP1	0.262	0.00028	0.002	0.054	0.465	0.465
MMP2	0.254	0.00041	0.002	0.076	0.1	0.41
MMP9	0.249	0.0040	0.01	0.121	0.1	0.41
MMP10	0.373	1.3×10^{-7}	1.7×10^{-6}	0.373	0.003	0.021
TIMP1	0.363	4.2×10^{-7}	4.2×10^{-6}	0.204	0.006	0.035
TIMP2	0.326	6.1×10^{-6}	5.5×10^{-5}	0.307	2.5×10^{-5}	0.0003
TIMP3	0.219	0.048	0.063	0.153	0.171	0.409

CD40L, CD40 ligand; A.U., arbitrary unit; CPIP, Carotid Plaque Imaging Project; MMP, matrix metalloproteinase; TIMP, tissue inhibitor of metalloproteinase.