Supplemental Table 1. Univariate and multivariate linear regression analysis to examine association of variables with maximum per patient 1h post injection target to background uptake measurements. Both multivariate models with: LDL levels, segment involvement scores, presence of multivessel disease, coronary calcium scores and quantitative stenosis. Model 1 additionally includes lipid lowering treatment; Model 2 includes partially calcified plaques.

Variables	Univariate		Multivariable – Model 1 (included: lipid lowering treatment)		Multivariable – Model 2 (included: plaque composition - mixed)	
	Relative change in TBR (95% CI)	P value	Relative change in TBR (95% CI)	P value	Relative change in TBR (95% CI)	P value
LDL	0.001 (-0.001-0.001)	0.97	0.001 (-0.006-0.005)	0.74	0.001 (-0.005-0.006)	0.80
Lipid lowering treatment	-0.30 (-0.60—0.004)	0.047	-0.331 (-0.68-0.023)	0.064		
Segment involvement score	0.04 (-0.05 – 0.67)	0.22	0.01 (-0.06-0.02)	0.53	0.02 (-0.03-0.06)	0.49
Multivessel disease	0.05 (-0.21-0.31)	0.30	0.09 (-0.43-0.27)	0.65	0.33 (-0.01-0.76)	0.11
Coronary calcium score	0.01 (0.001-0.02)	0.39	0.01 (-0.01-0.02)	0.43	0.01 (-0.01-0.02)	0.55
Stenosis	0.001 (-0.007 – 0.10)	0.75	0.002 (-0.007-0.011)	0.66	0.003 (-0.005-0.12)	0.44
Partially calcified plaque	0.30 (0.03-0.57)	0.030			0.56 (0.1-1.0)	0.020

CI: confidence interval, LDL: low density lipoprotein, TBR: maximum target to background ratios.

Supplemental Table 2. Univariate and multivariate linear regression analysis to examine association of variables with maximum per patient 3h post injection target to background uptake measurements. Both multivariate models with: LDL levels, segment involvement scores, presence of multivessel disease, coronary calcium scores and quantitative stenosis. Model 1 additionally includes lipid lowering treatment; Model 2 includes partially calcified plaques.

Variables	Univariate		Multivariable – Model 1 (included: lipid lowering treatment)		Multivariable – Model 2 (included: plaque composition - mixed)	
	Relative change in TBR (95% CI)	P value	Relative change in TBR (95% CI)	P value	Relative change in TBR (95% CI)	P value
LDL	0.004 (-0.007-0.015)	0.43	0.002 (-0.01-0.01)	0.66	0.01(-0.001-0.015)	0.15
Lipid lowering treatment	-0.32 (-0.61--0.03)	0.041	-0.36 (-1.04-0.012)	0.079		
Segment involvement score	0.012 (-0.08-0.10)	0.78	0.04 (-0.05-0.13)	0.33	0.03 (-0.04-0.09)	0.40
Multivessel disease	0.09 (-0.61-0.79)	0.21	0.11 (-0.56-0.78)	0.32	0.67 (0.2-1.33)	0.02
Coronary calcium score	0.001 (-0.01-0.011)	0.37	0.001(-0.002-0.003)	0.77	0.001 (-0.001-0.002)	0.79
Stenosis	0.12 (-0.05-0.029)	0.15	0.1 (-0.01-0.03)	0.19	0.02 (0.001-0.03)	0.11
Partially calcified plaque	0.79 (0.27-1.30)	0.005			1.3 (0.7-1.9)	<0.001

CI: confidence interval, LDL: low density lipoprotein, TBR: maximum target to background ratios.