

**Supplementary Table 4.** Multivariable analysis for determining presence of aortic atheroma (AA) after adjusting reclassified trial of ORG 10172 in acute stroke treatment (TOAST) classification\*

	Binary logistic regression <sup>†</sup> OR (95% CI)		Multinomial multivariate logistic regression <sup>†</sup> OR (95% CI)			
	AAs	P value	CAPs	P value	SAPs	P value
Age	1.06 (1.04-1.07)	0.001	1.11 (1.07-1.14)	0.001	1.04 (1.03-1.06)	0.001
Sex (male)	2.09 (1.49-2.92)	0.001	4.23 (2.30-7.78)	0.001	1.73 (1.21-2.45)	0.002
Hypertension	1.10 (0.72-1.69)	0.647	0.78 (0.39-1.57)	0.494	1.22 (0.77-1.94)	0.379
Diabetes Mellitus	1.55 (1.08-2.22)	0.017	1.96 (1.10-3.49)	0.022	1.45 (0.99-2.13)	0.052
Hyperlipidemia	1.82 (0.99-3.36)	0.053	2.14 (0.80-5.72)	0.127	1.77 (0.94-3.33)	0.073
Coronary artery disease	1.73 (1.17-2.56)	0.005	1.35 (0.73-2.50)	0.331	1.84 (1.24-2.76)	0.003
Metabolic syndrome	1.17 (0.81-1.70)	0.398	0.80 (0.43-1.50)	0.502	1.27 (0.86-1.88)	0.214
Previous anti-platelet			2.14 (1.05-4.08)	0.037	0.93 (0.65-1.46)	0.538
Stroke classification						
Large artery atherosclerosis	Reference		Reference		Reference	
Lacunar infarction	1.67 (0.93-2.99)	0.081	3.27 (1.51-7.08)	0.003	1.19 (0.61-2.30)	0.602
Cardioembolism	0.88 (0.55-1.39)	0.588	0.48 (0.22-1.02)	0.058	1.03 (0.63-1.68)	0.880
Undetermined due to two or more causes identified	1.11 (0.71-1.76)	0.628	0.61 (0.25-1.50)	0.286	1.35 (0.79-2.32)	0.269
Undetermined due to negative evaluation	1.16 (0.69-1.95)	0.556	0.54 (0.24-1.21)	0.136	1.32 (0.82-2.14)	0.245

OR, odds ratio; CI, confidence interval; AAs, aortic atheromas; CAPs, complex aortic plaques; SAPs, simple aortic plaques.

\*CAP was not considered as large artery atherosclerosis component on TOAST classification; <sup>†</sup>No AAs as reference.