

Supplementary table 6. Predictive value of stroke adverse outcomes according to OXLDL Levels stratified by Lipid lowering or not before events.

Outcome	Lipid lowering before events			P for trend	No lipid lowering before events			P for trend	P for interaction
	ox-LDL T1	ox-LDL T2	ox-LDL T3		ox-LDL T1	ox-LDL T2	ox-LDL T3		
Stroke									0.6984
Events,n(%)	18(3.21)	14(2.50)	14(2.50)		105(2.00)	155(2.95)	162(3.08)		
Unadjusted HR	Reference	1.21(0.60-2.43)	1.72(0.86-3.46)	0.31	Reference	1.42(1.10-1.81)	1.44(1.13-1.84)	0.0065	
Adjusted HR*	Reference	1.01(0.47-2.19)	1.31(0.54-3.16)	0.79	Reference	1.41(1.08-1.83)	1.44(1.06-1.95)	0.0268	
Composite vascular event									0.4778
Events,n(%)	18(3.21)	14(2.50)	16(2.85)		108(2.06)	158(3.01)	163(3.10)		
Unadjusted HR	Reference	1.21(0.60-2.43)	1.97(1.00-3.86)	0.1325	Reference	1.40(1.10-1.79)	1.11(1.11-1.80)	0.0092	
Adjusted HR*	Reference	0.95(0.44-2.05)	1.36(0.58-3.16)	0.6482	Reference	1.38(1.07-1.79)	1.39(1.03-1.89)	0.0383	
Ischemic stroke									0.5935
Events,n(%)	18(3.21)	12(2.13)	12(2.13)		102(1.94)	148(2.82)	157(2.99)		
Unadjusted HR	Reference	1.03(0.50-2.15)	1.47(0.71-3.05)	0.5544	Reference	1.39(1.08-1.79)	1.44(1.12-1.85)	0.0097	
Adjusted HR*	Reference	0.75(0.33-1.67)	0.88(0.35-2.21)	0.7697	Reference	1.37(1.05-1.79)	1.41(1.03-1.93)	0.0466	
Hemorrhagic stroke									0.7801
Events,n(%)	0(0)	2(0.36)	2(0.36)		4(0.08)	7(0.13)	5(0.10)		
Unadjusted HR	Reference	/	/	/	Reference	1.66(0.49-5.66)	1.15(0.31-4.29)	0.6847	
Adjusted HR*	Reference	/	/	/	Reference	2.68(0.68-10.57)	2.67(0.50-14.19)	0.3575	
Poor functional									

outcome (MRS 2-6)								
Events,n(%)	27(4.81)	33(5.88)	20(3.57)		159(3.03)	169(3.22)	195(3.71)	0.062
Unadjusted HR	Reference	2.10(1.21-2.64)	1.72(0.92-3.20)	0.0260	Reference	1.01(0.80-1.26)	1.14(0.92-1.42)	0.4006
Adjusted HR*	Reference	2.25(1.16-4.36)	1.64(0.71-3.79)	0.0553	Reference	0.93(0.73-1.19)	0.93(0.70-1.24)	0.8289
TIA								
Events,n(%)	5(0.90)	5(0.90)	1(0.18)		16(0.30)	15(0.29)	16(0.30)	0.4886
Unadjusted HR	Reference	1.57(0.45-5.42)	0.44(0.05-3.74)	0.4684	Reference	0.89(0.44-1.79)	0.92(0.46-1.84)	0.9425
Adjusted HR*	Reference	1.90(0.37-9.65)	0.34(0.02-6.28)	0.3715	Reference	1.33(0.62-2.85)	1.68(0.70-4.07)	0.5109
Moderate-to-severe bleeding								
Events,n(%)	1(0.18)	4(0.71)	2(0.36)		8(0.15)	12(0.23)	11(0.21)	0.4656
Unadjusted HR	Reference	6.33(0.71-56.63)	4.43(0.40-48.84)	0.2560	Reference	1.42(0.58-3.47)	1.27(0.51-3.16)	0.7425
Adjusted HR*	Reference	1008.40(7.81-130245.80)	1215.07(12.40-19032.00)	0.0094	Reference	1.90(0.72-5.03)	2.36(0.74-7.50)	0.3131
Any bleeding								
Events,n(%)	4(0.71)	10(1.78)	5(0.89)		34(0.65)	43(0.82)	50(0.95)	0.1665
Unadjusted HR	Reference	3.99(1.25-12.73)	2.80(0.75-10.43)	0.0645	Reference	1.20(0.76-1.88)	1.36(0.88-2.10)	0.3891
Adjusted HR*	Reference	5.78(1.53-21.90)	5.28(1.09-25.62)	0.0330	Reference	1.21(0.75-1.95)	1.41(0.81-2.44)	0.4742
All-cause death								
Events,n(%)	1(0.18)	7(1.25)	3(0.53)		15(0.29)	16(0.30)	17(0.32)	0.1194
Unadjusted HR	Reference	10.98(1.35-89.24)	6.60(0.69-63.40)	0.0773	Reference	1.01(0.50-2.04)	1.05(0.52-2.09)	0.9908
Adjusted HR*	Reference	12.35(1.23-124.08)	4.48(0.33-60.65)	0.0694	Reference	0.98(0.46-2.06)	0.81(0.33-1.98)	0.8736

CI, confidence interval; HR, hazard ratio; oxLDL, oxidized low-density lipoprotein; MRS, modified Rankin Scale; TIA, transient ischemic

attack.

*Adjusting for age, gender, BMI, history of ischemic stroke, hypertension, diabetes mellitus, dyslipidemia, application of agents before events, qualifying event, blood pressure, and baseline LDL, HDL, CHO, TG, APOA1, and APOB levels.