

Table S2. Adjusted HR with 95% CI in risk factors of outcomes at 3 months after acute ischemic stroke by LDL-C groups.

Risk factors	References	HR	95% CI	P
Mortality:				
Women	Men	0.72	0.58, 0.90	0.003
Age	—	1.04	1.03, 1.06	<0.0001
Stroke Severity	Mild			
Moderate		3.40	2.58, 4.48	<0.0001
Severe		12.58	9.62, 16.45	<0.0001
Obesity	BMI<30Kg/m ²	0.65	0.46, 0.91	0.012
Alcohol Consumption	Never	0.59	0.39, 0.89	0.011
Artery stenosis	No	0.65	0.50, 0.84	0.001
Recurrence:				
Women	Men	0.72	0.55, 0.96	0.025
Age	—	1.02	1.01, 1.03	<0.0001
Stroke Severity	Mild			
Moderate		1.55	1.19, 2.03	0.001
Severe		1.81	1.22, 2.70	0.002
Dependence:				
Age	—	1.02	1.02, 1.03	<0.0001
Stroke Severity	Mild			
Moderate		1.52	1.27, 1.82	<0.0001
Severe		2.29	1.79, 2.93	<0.0001
Obesity	BMI<30Kg/m ²	0.71	0.54, 0.92	0.011

Table S3. Adjusted HR with 95% CI in risk factors of outcomes at 12 months after acute ischemic stroke by LDL-C groups.

Risk factors	References	HR	95% CI	P
Mortality:				
Women	Men	0.72	0.60, 0.87	0.001
Age	—	1.05	1.04, 1.06	<0.0001
Stroke Severity	Mild			
Moderate		3.15	2.51, 3.94	<0.0001
Severe		10.90	8.70, 13.66	<0.0001
Obesity	BMI<30Kg/m ²	0.68	0.51, 0.91	0.010
Alcohol Consumption	Never	0.61	0.43, 0.85	0.004
Artery stenosis	No	0.75	0.60, 0.93	0.009
Recurrence:				
Age	—	1.02	1.02, 1.03	<0.0001
Stroke Severity	Mild			
Moderate		1.62	1.45, 1.82	<0.0001
Severe		2.06	1.72, 2.46	<0.0001
Diabetes	No	1.14	1.02, 1.27	0.019
Dependence:				
Age	—	1.02	1.02, 1.03	<0.0001
Stroke Severity	Mild			
Moderate		1.56	1.38, 1.76	<0.0001
Severe		1.90	1.57, 2.30	<0.0001

Table S4. Adjusted HR with 95% CI in risk factors of outcomes at 36 months after acute ischemic stroke by LDL-C groups.

Risk factors	References	HR	95% CI	P
Mortality:				
Age	—	1.06	1.05, 1.07	<0.0001
Stroke Severity	Mild			
Moderate		2.35	1.96, 2.83	<0.0001
Severe		7.20	5.93, 8.73	<0.0001
Obesity	BMI<30Kg/m ²	0.70	0.54, 0.90	0.005
Alcohol Consumption	Never	0.72	0.53, 0.97	0.028
Artery stenosis	No	0.82	0.69, 0.99	0.035
Recurrence:				
Age	—	1.02	1.02, 1.02	<0.0001
Stroke Severity	Mild			
Moderate		1.40	1.26, 1.55	<0.0001
Severe		1.96	1.66, 2.30	<0.0001
Hypertension	No	1.14	1.03, 1.26	0.014
Diabetes	No	1.21	1.10, 1.33	<0.0001
Obesity	BMI<30Kg/m ²	1.16	1.02, 1.32	0.029
Smoking	Never	0.87	0.77, 0.97	0.013
Dependence:				
Age	—	1.02	1.01, 1.02	<0.0001
Stroke Severity	Mild			
Moderate		1.31	1.17, 1.46	<0.0001
Severe		1.67	1.38, 2.03	<0.0001
Obesity	BMI<30Kg/m ²	1.18	1.02, 1.36	0.024
Smoking	Never	0.87	0.77, 0.98	0.027
AF	No	1.31	1.00, 1.72	0.046