

Additional file 7 Results of long-term outcomes analyses with interaction terms

	HR [95% CI]	P value
Mortality		
No DM or dementia	1 (reference)	
DM only	1.20 [1.08-1.32]	<0.001
Dementia only	1.71 [1.47-2.00]	<0.001
DM and dementia	0.85 [0.61-1.18]	0.331

This table reports the hazard ratios yielded from the Cox regression model that include diabetes and dementia as interaction terms and with no NIHSS adjustments; the model was adjusted for age, sex, OCSF classification, mRS, recurrence, comorbidities (pneumonia, asthma, COPD, transient ischemic attack [TIA], myocardial infarction, hyperlipidemia, peripheral vascular disease, heart failure, atrial fibrillation, hypertension, cancers, chronic kidney disease, liver disease, and hemorrhagic stroke, and other types of stroke), antithrombotic medications, and relevant biochemical and hematological measurements at discharge (random plasma glucose, creatinine, sodium, hemoglobin, white cell count, and platelets);

DM indicates diabetes mellitus, HR, hazard ratio; CI, confidence interval