

SUPPLEMENTAL MATERIAL

Table S1. Using 7 days as a censoring window for drug switches.

7 days	Crude		Adjusted*	
	HR (95% CI)	<i>P</i> value	HR (95% CI)	<i>P</i> value
Normal Liver function (n=5818)				
S/SE	0.78 (0.68-0.90)	<0.001	0.75 (0.66-0.87)	<0.001
Major bleeding	0.87 (0.66-1.15)	0.328	0.83 (0.63-1.11)	0.210
GI bleeding	1.36 (1.00-1.84)	0.049	1.32 (0.97-1.81)	0.082
Death	0.70 (0.61-0.80)	<0.001	0.69 (0.60-0.80)	<0.001
Impaired liver function (n=633)				
S/SE	0.87 (0.58-1.30)	0.497	0.68 (0.44-1.05)	0.085
Major bleeding	1.15 (0.63-2.08)	0.655	1.32 (0.70-2.49)	0.395
GI bleeding	1.49 (0.79-2.82)	0.217	1.68 (0.86-3.29)	0.132
Death	0.68 (0.53-0.87)	0.002	0.63 (0.49-0.82)	<0.001

CI, confidence interval; GI, gastrointestinal; HR, hazard ratio; S/SE, stroke or systemic embolism.

*Adjusted for age, sex, hypertension, diabetes mellitus, chronic kidney disease, history of myocardial infarction, history of ischemic heart disease, history of systemic embolism, history of peripheral vascular disease, history of transient ischemic attack, history of stroke, history of heart failure, statins, amiodarone, anticonvulsants, nonsteroidal anti-inflammatory drug, aspirin, clopidogrel, and ticagrelor.