Supplementary Table 8. Sensitivity analysis on the effect modification by TBIL in participants without use of anticoagulant medication

Outcome	Group	N	n (%)	Adj. OR/cOR (95% CI)*	*P*	*P* for interaction
Presence of CSVD (Wardlaw)†	Participants with TBIL ≤17 μmol/L					
	No hypertension	1,276	258 (20.2)	Ref.		0.036
	Hypertension	942	388 (41.2)	1.86 (1.41–2.44)	<0.001	
	Participants with TBIL >17 μmol/L					
	No hypertension	468	129 (27.6)	Ref.		
	Hypertension	371	156 (42.1)	1.05 (0.68–1.62)	0.839	
Presence of CSVD (Rothwell)†	Participants with TBIL ≤17 μmol/L					
	No hypertension	1,276	391 (30.6)	Ref.		0.031
	Hypertension	942	513 (54.5)	1.84 (1.43–2.38)	<0.001	
	Participants with TBIL >17 μmol/L					
	No hypertension	468	171 (36.5)	Ref.		
	Hypertension	371	193 (52.0)	1.07 (0.71–1.62)	0.742	
Total CSVD burden (Wardlaw)‡	Participants with TBIL ≤17 μmol/L					
	No hypertension	1,276		Ref.		0.084
	Hypertension	942		1.88 (1.44–2.46)	<0.001	
	Participants with TBIL >17 μmol/L					
	No hypertension	468		Ref.		
	Hypertension	371		1.18 (0.77–1.79)	0.455	
Modified total CSVD burden (Rothwell)‡	Participants with TBIL ≤17 μmol/L					
	No hypertension	1,276		Ref.		0.042
	Hypertension	942		1.85 (1.45–2.36)	<0.001	
	Participants with TBIL >17 μmol/L					
	No hypertension	468		Ref.		
	Hypertension	371		1.13 (0.76–1.68)	0.542	

All models were adjusted for age, sex, body mass index, current smoking, current drinking, diabetes, dyslipidemia, antihypertensive medication, antiplatelet medication, alanine aminotransferase, and aspartate aminotransferase.
TBIL, total bilirubin; Adj., adjust; OR, odds ratio; cOR, common odds ratio; CI, confidence interval; CSVD, cerebral small vessel disease; Ref., reference.
*The association of hypertension with the presence of CSVD was evaluated using OR, while with CSVD burden was evaluated using cOR. The product term of the hypertension state and TBIL group was included in the model to assess the effect modification by TBIL; †Presence of CSVD was defined as total CSVD or modified total CSVD burden scores ≥1; ‡Total and modified total CSVD burdens were classified as grade 0 (total or modified total CSVD burden score 0), grade 1 (total or modified total CSVD burden score 1), grade 2 (total or modified total CSVD burden score 2–3), or grade 3 (total or modified total CSVD burden score ≥4).

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