

**Supplementary Table SI.** Subgroup analyses of the association between total bile acid and the risk of coronary artery calcification

Variables		OR (95% CI)	<i>P</i> -value
With hypertension	Bile acid (continuous)	1.07 (0.93–1.23)	0.34
	Q1 (< 1.9)	1	
	Q2 (1.9–2.8)	1.26 (0.21–7.71)	0.66
	Q3 (2.8–4.3)	2.05 (0.41–10.37)	0.69
	Q4 (> 4.3)	3.27 (0.61–17.50)	0.17
Without hypertension	Bile acid (continuous)	1.04 (1.00–1.08)	0.05
	Q1 (< 1.9)	1	
	Q2 (1.9–2.8)	1.11 (0.72–1.72)	0.64
	Q3 (2.8–4.3)	1.06 (0.70–1.62)	0.78
	Q4 (> 4.3)	1.74 (1.16–2.63)	0.008
With Diabetes	Bile acid (continuous)	1.04 (0.98–1.09)	0.22
	Q1 (< 1.9)	1	
	Q2 (1.9–2.8)	9.60 (0.81–114.1)	0.07
	Q3 (2.8–4.3)	5.71 (0.60–54.81)	0.13
	Q4 (> 4.3)	7.33 (0.84–63.97)	0.07
Without Diabetes	Bile acid (continuous)	1.04 (1.00–1.08)	0.06
	Q1 (< 1.9)	1	
	Q2 (1.9–2.8)	1.01 (0.65–1.58)	0.96
	Q3 (2.8–4.3)	1.01 (0.66–1.54)	0.96
	Q4 (> 4.3)	1.62 (1.07–2.45)	0.022
Women	Bile acid (continuous)	1.04 (0.97–1.11)	0.31
	Q1 (< 1.9)	1	
	Q2 (1.9–2.8)	0.73 (0.35–1.54)	0.42
	Q3 (2.8–4.3)	0.76 (0.37–1.57)	0.45
	Q4 (> 4.3)	1.19 (0.58–2.43)	0.64
Men	Bile acid (continuous)	1.04 (0.99–1.09)	0.11

---

Q1 (< 1.9)	1	
Q2 (1.9–2.8)	1.30 (0.77–2.21)	0.33
Q3 (2.8–4.3)	1.23 (0.74–2.03)	0.43
Q4 (> 4.3)	1.92 (1.18 – 3.14)	0.009

---

Age, and/or sex, body mass index, liver function, renal function, and/or diabetes, albumin, uric acid, and/or blood pressure, liver CT attenuation, low-density lipoprotein cholesterol, total cholesterol, and high-density lipoprotein cholesterol were adjusted.



**Supplementary Figure S1.** Illustration of coronary artery calcification via nonelectrocardiogram (ECG)-gated chest computed tomography