

Supplemental Table I. Associations between gallstone disease and incident ischemic heart disease by baseline subgroup

	No		Yes		P value for interaction
	Case/person-years	HR	Case/person-years	HR (95% CI)	
Total					
Age < 50 year	5,084/1,577,415	1.00	310/73,468	1.24 (1.11–1.39)	
50 to < 60 year	7,216/984,925	1.00	676/70,089	1.27 (1.17–1.38)	0.257
≥ 60 year	10,717/671,139	1.00	956/54,089	1.17 (1.10–1.26)	
Not current regular smoker	16,746/2,355,163	1.00	1,610/163,999	1.23 (1.16–1.29)	0.830
Current regular smoker	6,271/878,315	1.00	332/33,647	1.22 (1.09–1.36)	
Not current regular drinker	20,015/2,732,850	1.00	1,769/178,299	1.22 (1.16–1.28)	0.871
Current regular drinker	3,002/500,628	1.00	173/19,347	1.26 (1.08–1.47)	
MET 0-	10,929/989,631	1.00	998/64,930	1.26 (1.18–1.35)	
MET 12.29-	6,770/1,098,927	1.00	567/70,791	1.17 (1.07–1.28)	0.245
MET 25.31-	5,318/1,144,921	1.00	377/61,925	1.23 (1.11–1.37)	
BMI < 24.0	11,702/1,855,976	1.00	879/100,513	1.25 (1.17–1.34)	
BMI 24.0 to < 28.0	8,018/1,055,266	1.00	710/71,735	1.17 (1.09–1.27)	0.366
BMI ≥ 28.0	3,297/322,236	1.00	353/25,398	1.31 (1.17–1.47)	
Non-abdominal obesity	12,696/2,166,037	1.00	867/111,232	1.23 (1.14–1.32)	0.459
Abdominal obesity	10,321/1,067,441	1.00	1,075/86,414	1.23 (1.15–1.31)	
No hypertension	10,765/2,170,637	1.00	998/128,217	1.30 (1.21–1.38)	<0.001
Hypertension	12,252/1,062,842	1.00	944/69,429	1.16 (1.08–1.24)	
No diabetes	20,582/3,074,937	1.00	1,700/183,687	1.23 (1.17–1.29)	0.256
Diabetes	2,435/158,541	1.00	242/13,959	1.22 (1.07–1.40)	
Men					
Age < 50 year	2,027/614,600	1.00	84/19,100	1.26 (1.01–1.57)	
50 to < 60 year	2,758/407,986	1.00	132/16,913	1.11 (0.93–1.32)	0.646
≥ 60 year	4,987/314,947	1.00	257/14,985	1.07 (0.95–1.22)	
Not current regular smoker	4,008/499,710	1.00	215/22,240	1.03 (0.89–1.18)	0.097
Current regular smoker	5,764/837,822	1.00	258/28,758	1.20 (1.06–1.36)	
Not current regular drinker	7,049/876,503	1.00	333/34,963	1.07 (0.96–1.19)	0.175
Current regular drinker	2,723/461,030	1.00	140/16,035	1.25 (1.05–1.48)	
MET 0-	4,454/384,482	1.00	249/17,439	1.08 (0.95–1.23)	
MET 12.29-	2,790/411,948	1.00	128/16,607	1.10 (0.92–1.31)	0.566
MET 25.31-	2,528/541,102	1.00	96/16,952	1.25 (1.02–1.53)	
BMI <24.0	5,394/792,038	1.00	215/25,701	1.15 (1.00–1.32)	
BMI 24.0 to < 28.0	3,267/431,488	1.00	179/19,336	1.04 (0.90–1.22)	0.540
BMI ≥ 28.0	1,111/114,006	1.00	79/5,962	1.25 (0.99–1.58)	
Non-abdominal obesity	6,972/1,064,288	1.00	284/36,902	1.09 (0.97–1.23)	0.874
Abdominal obesity	2,800/273,245	1.00	189/14,096	1.16 (1.00–1.34)	
No hypertension	4,411/869,682	1.00	199/32,549	1.04 (0.90–1.20)	0.216
Hypertension	5,361/467,851	1.00	274/18,449	1.17 (1.04–1.32)	
No diabetes	8,817/1,275,379	1.00	408/47,292	1.12 (1.01–1.24)	0.721

	No		Yes		P value for interaction
	Case/person-years	HR	Case/person-years	HR (95% CI)	
Diabetes	955/62,154	1.00	65/3,706	1.12 (0.87–1.44)	
Women					
Age <50 year	3,057/962,815	1.00	226/54,368	1.23 (1.07–1.41)	0.484
50 to < 60 year	4,458/576,939	1.00	544/53,176	1.33 (1.21–1.46)	
≥ 60 year	5,730/356,192	1.00	699/39,104	1.23 (1.13–1.33)	
Not current regular smoker	12,738/1,855,453	1.00	1,395/141,759	1.27 (1.20–1.34)	0.928
Current regular smoker	507/40,493	1.00	74/4,889	1.29 (1.01–1.66)	
Not current regular drinker	12,966/1,856,347	1.00	1,436/143,336	1.27 (1.20–1.34)	0.990
Current regular drinker	279/39,598	1.00	33/3,312	1.38 (0.95–2.00)	
MET 0-	6,475/605,149	1.00	749/47,490	1.34 (1.24–1.45)	0.154
MET 12.29-	3,980/686,979	1.00	439/54,183	1.19 (1.08–1.32)	
MET 25.31-	2,790/603,818	1.00	281/44,974	1.22 (1.08–1.38)	
BMI <24.0	6,308/1,063,938	1.00	664/74,812	1.29 (1.19–1.40)	0.573
BMI 24.0 to < 28.0	4,751/623,778	1.00	531/52,399	1.23 (1.12–1.35)	
BMI ≥ 28.0	2,186/208,230	1.00	274/19,437	1.32 (1.16–1.50)	
Non-abdominal obesity	5,724/1,101,749	1.00	583/74,329	1.31 (1.20–1.43)	0.139
Abdominal obesity	7,521/794,196	1.00	886/72,319	1.24 (1.15–1.33)	
No hypertension	6,354/1,300,955	1.00	799/95,668	1.39 (1.29–1.50)	<0.001
Hypertension	6,891/594,991	1.00	670/50,980	1.15 (1.06–1.24)	
No diabetes	11,765/1,799,558	1.00	1,292/136,395	1.27 (1.20–1.35)	0.409
Diabetes	1,480/96,388	1.00	177/10,253	1.25 (1.06–1.46)	

HR indicates hazard ratio; CI, confidence interval; MET, metabolic equivalent tasks hours per day (MET-hr/day); BMI, body mass index (kg/m²). Multivariate models were adjusted for: age, gender (for whole cohort only), education, marital status, alcohol consumption, smoking status, physical activity, intake frequencies of red meat, fresh fruits, and vegetables, prevalent hypertension, prevalent diabetes, family history of heart attack, menopausal status (for women only), and body mass index.