

**S2 Table.** Liver cancer risk according to alcohol consumption and metabolic risk abnormalities

Factor	Incident cases	Sample size	Person-years	Crude HR (95% CI)	Adjusted HR (95% CI)
<b>Alcohol consumption</b>					
Non- and formal drinkers	44	8,980	125,223	1.00 (reference)	1.00 (reference)
Light drinkers (< 30 g/day in men, < 20 g/day in women)	45	9,604	136,577	0.94 (0.62-1.42)	1.03 (0.65-1.64)
Moderate drinkers (30-60 g/day in men, 20-50 g/day in women)	11	2,387	33,194	0.95 (0.49-1.85)	1.06 (0.52-2.16)
Heavy drinkers (> 60 g/day in men, >50 g/day in women)	8	2,234	29,220	0.81 (0.38-1.73)	0.86 (0.39-1.92)
<b>Body mass index</b>					
Normal (< 23 kg/m <sup>2</sup> )	32	11,180	159,229	1.00 (reference)	1.00 (reference)
Overweight and obesity (≥ 23 kg/m <sup>2</sup> )	111	17,662	249,631	<b>2.21 (1.49-3.27)</b>	1.42 (0.95-2.11)
<b>Waist circumference</b>					
< 90 cm in men, < 85 cm in women	9	5,443	63,017	1.00 (reference)	1.00 (reference)
≥ 90 in men, ≥ 85 in women	111	17,912	252,570	<b>2.95 (1.49-3.59)</b>	1.86 (0.93-3.70)
<b>Prediabetes and diabetes</b>					
Glucose < 100 and no antidiabetic drug	113	25,452	366,129	1.00 (reference)	1.00 (reference)
Glucose ≥ 100 or antidiabetic drug	30	3,406	42,684	<b>2.39 (1.60-3.59)</b>	<b>1.76 (1.17-2.66)</b>
<b>Hypertension</b>					
< 130/85 mmHg and no antihypertensive treatment	98	21,987	321,051	1.00 (reference)	1.00 (reference)
≥ 130/85 mmHg or antihypertensive treatment	44	6,836	87,009	<b>1.76 (1.23-2.52)</b>	<b>1.52 (1.05-2.22)</b>
<b>Triglycerides</b>					
< 150 mg/dL and no lipid-lowering medication	121	21,983	312,486	1.00 (reference)	1.00 (reference)
≥ 150 mg/dL or lipid-lowering medication	22	6,901	96,562	<b>0.59 (0.38-0.93)</b>	0.88 (0.55-1.40)
<b>HDL-C</b>					
≥ 40 mg/dL in men, ≥ 50 mg/dL in women	121	23,902	335,103	1.00 (reference)	1.00 (reference)
< 40 mg/dL in men, < 50 mg/dL in women	22	4,982	73,948	0.81 (0.51-1.27)	0.89 (0.56-1.41)

Multivariable models were adjusted for age, sex, chronic liver disease, chronic viral hepatitis, cirrhosis, and fibrosis-4. Bold fonts indicate significant differences. CI, confidence interval; HDL-C, high-density lipoprotein cholesterol; HR, hazard ratio.