

**Table S2** Incidence rates (IR) per 100,000 person-years and hazard ratio (HR) with 95% confidence interval (CI) of thyroid cancer per SD increase of blood biomarkers of lipid, carbohydrate, and apolipoprotein metabolism, analysis restricted to first blood samplings after overnight fasting.

<b>Biomarker</b>	<b>N of cases</b>	<b>IR</b>	<b>HR (95% CI)<sup>a</sup></b>
Glucose	325	5.1	1.11 (0.99-1.24)
TC	340	5.2	0.95 (0.84-1.08)
LDL-C	140	5.2	0.93 (0.77-1.12)
HDL-C	139	5.2	0.83 (0.69-1.00)
LDL-C/HDL-C <sup>b</sup>	139	5.2	1.03 (0.87-1.22)
TG <sup>b</sup>	341	5.2	1.04 (0.92-1.18)
ApoA-I	122	5.0	0.89 (0.73-1.08)
ApoB	111	4.8	1.01 (0.83-1.24)
ApoB/ApoA-I <sup>b</sup>	111	5.0	1.07 (0.87-1.31)

<sup>a</sup> Analyses were adjusted for sex, age at first blood sampling, fasting status at first blood sampling, occupational status, and country of birth.

<sup>b</sup> Logarithmic transformation (log<sub>2</sub>) was used to the variables of TG, LDL-C/HDL-C ratio, and ApoB/ApoA-I ratio.

Abbreviations: TC, total cholesterol; LDL-C, low-density lipoprotein cholesterol; HDL-C, high-density lipoprotein cholesterol; TG, triglycerides; ApoA-I, apolipoprotein A-I; ApoB, apolipoprotein B.