

Supplemental Table S3. HR and 95% CI for Diabetes According to Quartile of Baseline γ-GTP Level in Subgroups (Women)

		Quartile	No.	No. of events	IR ^a	HR (95% CI)	P for interaction
Age, yr	<40	Q1–Q3	34,236	300	0.94	1 (Ref)	0.890
		Q4	7,611	228	3.24	1.96 (1.63–2.35)	
	40–64	Q1–Q3	32,885	909	2.98	1 (Ref)	
		Q4	14,686	1,301	9.82	2.01 (1.84–2.19)	
	≥65	Q1–Q3	556	38	7.66	1 (Ref)	
		Q4	362	61	19.59	2.20 (1.46–3.33)	
Smoking	No, Ex	Q1–Q3	66,734	1,237	1.99	1 (Ref)	0.424
		Q4	22,151	1,558	7.73	2.02 (1.87–2.19)	
	Current	Q1–Q3	943	10	1.13	1 (Ref)	
		Q4	508	32	6.90	2.40 (1.12–5.16)	
Alcohol consumption	No	Q1–Q3	47,574	965	2.18	1 (Ref)	0.467
		Q4	14,939	1,184	8.75	2.05 (1.88–2.24)	
	Yes	Q1–Q3	20,103	282	1.50	1 (Ref)	
		Q4	7,720	406	5.73	1.89 (1.61–2.23)	
Physical activity	No	Q1–Q3	59,131	1,043	1.89	1 (Ref)	0.076
		Q4	19,695	1,369	7.64	2.09 (1.92–2.27)	
	Yes	Q1–Q3	8,546	204	2.57	1 (Ref)	
		Q4	2,964	221	8.21	1.73 (1.41–2.12)	
BMI, kg/m ²	<25	Q1–Q3	58,907	756	1.37	1 (Ref)	0.056
		Q4	16,229	657	4.39	1.90 (1.71–2.12)	
	≥25	Q1–Q3	8,770	491	6.10	1 (Ref)	
		Q4	6,430	933	16.48	1.96 (1.75–2.19)	
Hypertension	No	Q1–Q3	62,286	954	1.64	1 (Ref)	0.257
		Q4	18,498	980	5.77	2.02 (1.85–2.22)	
	Yes	Q1–Q3	5,391	293	5.94	1 (Ref)	
		Q4	4,161	610	16.81	2.02 (1.75–2.33)	
Dyslipidemia	No	Q1–Q3	62,744	1,023	1.75	1 (Ref)	0.728
		Q4	18,728	1,035	6.03	2.01 (1.84–2.20)	
	Yes	Q1–Q3	4,933	224	4.93	1 (Ref)	
		Q4	3,931	555	16.08	2.10 (1.79–2.46)	
ALT, IU/L	<40	Q1–Q3	67,109	1,223	1.96	1 (Ref)	0.594
		Q4	20,673	1,319	6.99	1.93 (1.78–2.09)	
	≥40	Q1–Q3	568	24	4.59	1 (Ref)	
		Q4	1,986	271	15.54	1.93 (1.26–2.95)	
AST, IU/L	<40	Q1–Q3	67,171	1,231	1.97	1 (Ref)	0.804
		Q4	21,436	1,438	7.36	1.99 (1.84–2.16)	
	≥40	Q1–Q3	506	16	3.43	1 (Ref)	
		Q4	1,223	152	14.09	2.17 (1.28–3.68)	
IFG	No	Q1–Q3	58,797	678	1.23	1 (Ref)	0.202
		Q4	17,796	687	4.18	2.02 (1.81–2.25)	
	Yes	Q1–Q3	8,880	569	7.03	1 (Ref)	
		Q4	4,863	903	21.63	1.99 (1.78–2.22)	

Adjusted for age, sex, body mass index, income status, alcohol drinking, smoking, regular exercise, fasting blood glucose hypertension, dyslipidemia, and chronic kidney disease.

HR, hazard ratio; CI, confidence interval; γ-GTP, gamma-glutamyl transferase; IR, incidence rate; BMI, body mass index; ALT, alanine aminotransferase; AST, aspartate aminotransferase; IFG, impaired fasting glucose.

^aPer 1,000 person-years.