

Supplementary Table 7. Subgroup analyses on the risk of incident dementia according to the FLI category in the propensity score matching cohort

	Intermediate (FLI ≥ 30 and < 60)	High (FLI ≥ 60)	P-value	P for interaction
Age				0.213
Younger adults < 65 years	1.00 (reference)	0.98 (0.91–1.06)	0.569	
Older adults ≥ 65 years	1.00 (reference)	1.04 (1.00–1.07)	0.026	
Sex				0.796
Men	1.00 (reference)	1.02 (0.96–1.08)	0.510	
Women	1.00 (reference)	1.06 (1.02–1.09)	< 0.001	
Body mass index				0.120
< 25 kg/m ²	1.00 (reference)	1.05 (1.01–1.08)	0.011	
≥ 25 kg/m ²	1.00 (reference)	1.06 (1.01–1.11)	0.028	
Hypertension*				0.325
No	1.00 (reference)	1.05 (1.02–1.09)	0.002	
Yes	1.00 (reference)	1.03 (0.97–1.10)	0.379	
Type 2 diabetes [†]				0.411
No	1.00 (reference)	1.06 (1.02–1.09)	< 0.001	
Yes	1.00 (reference)	1.00 (0.93–1.08)	0.961	
Dyslipidemia [‡]				0.438
No	1.00 (reference)	1.05 (1.01–1.08)	0.007	
Yes	1.00 (reference)	1.06 (1.00–1.12)	0.049	
Smoker				0.404
Never	1.00 (reference)	1.04 (1.01–1.07)	0.005	
Past	1.00 (reference)	1.20 (0.87–1.67)	0.274	
Current	1.00 (reference)	1.10 (1.00–1.21)	0.057	
MVPA				0.017
≤ 2 times/week	1.00 (reference)	1.04 (1.00–1.07)	0.027	
3–4 times/week	1.00 (reference)	1.08 (0.97–1.19)	0.152	
≥ 5 times/week	1.00 (reference)	1.10 (1.02–1.18)	0.012	
CCI				0.592
0	1.00 (reference)	1.04 (0.99–1.09)	0.150	
1	1.00 (reference)	1.06 (1.01–1.12)	0.032	
≥ 2	1.00 (reference)	1.04 (0.99–1.09)	0.109	
Metabolic syndrome [§]				0.840
No	1.00 (reference)	1.05 (1.01–1.09)	0.012	
Yes	1.00 (reference)	1.03 (0.98–1.08)	0.208	
Waist circumference				0.250
Normal	1.00 (reference)	1.07 (1.03–1.12)	0.001	
Abnormal	1.00 (reference)	1.03 (0.99–1.07)	0.100	
Blood pressure				0.280
Normal	1.00 (reference)	1.04 (1.00–1.07)	0.045	
Abnormal ^{**}	1.00 (reference)	1.07 (1.02–1.12)	0.003	

Supplementary Table 7. Continued

	Intermediate (FLI ≥ 30 and < 60)	High (FLI ≥ 60)	P-value	P for interaction
Triglyceride				0.145
Normal	1.00 (reference)	1.05 (1.01–1.09)	0.010	
Abnormal ^{††}	1.00 (reference)	1.01 (0.96–1.05)	0.826	
HDL cholesterol				0.842
Normal	1.00 (reference)	1.05 (1.01–1.09)	0.007	
Abnormal ^{‡‡}	1.00 (reference)	1.04 (1.00–1.09)	0.085	
Fasting serum glucose				0.491
Normal	1.00 (reference)	1.06 (1.02–1.10)	0.003	
Abnormal ^{§§}	1.00 (reference)	1.04 (1.00–1.09)	0.085	

Data are adjusted hazard ratios with 95% confidence intervals calculated using the Cox proportional hazards model after adjustments for age, sex, body mass index, household income, systolic blood pressure, fasting serum glucose, smoking, MVPA, and CCI.

FLI, fatty liver index; MVPA, moderate-to-vigorous physical activity; CCI, Charlson comorbidity index; HDL, high-density lipoprotein.

*Defined as systolic blood pressure ≥ 140 mmHg or diastolic blood pressure ≥ 90 mmHg or prescription of antihypertensive drugs.

[†]Defined as fasting serum glucose ≥ 126 mg/dL or prescription of antidiabetic drugs.

[‡]Defined as total cholesterol ≥ 240 mg/dL or prescription of antidiabetic drugs.

[§]Metabolic syndrome was defined when three or more of the following criteria are met: ^{||} ≥ 90 cm for men and ≥ 80 cm for women,

^{**}systolic blood pressure ≥ 130 or diastolic blood pressure ≥ 85 mmHg, ^{††} ≥ 150 mg/dL, ^{‡‡} ≤ 40 mg/dL for men or ≤ 50 mg/dL for women, and

^{§§} ≥ 100 mg/dL.