

Supplementary Table 1. Adjusted associations between health literacy (HL) level and health risk behaviors

Characteristic	HL Q1 vs. Q4	HL Q2 vs. Q4	HL Q3 vs. Q4	<i>P</i> for trend ^a
Current smoking				
Model 1	1.73 (1.41–2.12)	1.64 (1.38–1.94)	1.33 (1.13–1.57)	<0.001
Model 2	1.97 (1.56–2.47)	1.67 (1.38–2.02)	1.36 (1.13–1.63)	<0.001
Model 3	1.83 (1.44–2.32)	1.59 (1.31–1.92)	1.30 (1.07–1.57)	<0.001
Model 4	1.76 (1.39–2.24)	1.52 (1.26–1.85)	1.30 (1.07–1.57)	<0.001
High-risk drinking				
Model 1	1.16 (0.93–1.45)	1.07 (0.89–1.28)	1.12 (0.95–1.31)	0.495
Model 2	1.16 (0.91–1.48)	1.03 (0.85–1.25)	1.11 (0.94–1.32)	0.531
Model 3	1.19 (0.92–1.53)	1.01 (0.83–1.23)	1.09 (0.92–1.30)	0.485
Model 4	1.14 (0.89–1.48)	0.97 (0.80–1.19)	1.09 (0.92–1.29)	0.455
Insufficient physical activity				
Model 1	2.19 (1.88–2.55)	1.66 (1.47–1.87)	1.44 (1.30–1.59)	<0.001
Model 2	1.60 (1.36–1.87)	1.39 (1.23–1.57)	1.24 (1.12–1.37)	<0.001
Model 3	1.48 (1.26–1.74)	1.34 (1.19–1.52)	1.23 (1.11–1.37)	<0.001
Model 4	1.46 (1.24–1.72)	1.33 (1.17–1.50)	1.23 (1.11–1.36)	<0.001
No health screening				
Model 1	1.41 (1.21–1.65)	1.12 (0.97–1.29)	0.99 (0.88–1.13)	<0.001
Model 2	1.86 (1.58–2.19)	1.30 (1.13–1.51)	1.13 (0.99–1.28)	<0.001
Model 3	1.38 (1.16–1.65)	1.13 (0.97–1.32)	1.07 (0.94–1.22)	0.005
Model 4	1.37 (1.15–1.64)	1.13 (0.96–1.31)	1.07 (0.94–1.22)	0.007

Values are presented as odds ratio (95% confidence interval). HL was categorized into quartiles (Q1: inadequate, Q2: marginal, Q3: sufficient, and Q4: excellent). Model 1: Unadjusted; Model 2: Adjusted for age and sex; Model 3: Adjusted for age, sex, body mass index, household income, education level, marital status, hypertension, dyslipidemia, and diabetes mellitus; Model 4: Sensitivity analysis fully adjusted for age, sex, body mass index, household income, education level, marital status, hypertension, dyslipidemia, diabetes mellitus, and perceived stress level. Odds ratios and 95% confidence intervals were estimated using complex-sample logistic regression.

^aThe highest HL group (Q4) was used as the reference. *P* for trend was calculated across ordered HL categories.