

**Supplementary Table 3.** Other variables in multivariable logistic regression model 1

Other variables in model 1	Multivariable model	p-value
	OR (95% CI)	
Gender: male	0.99 (0.95, 1.04)	0.735
Age		
20–29	1	
30–39	1.62 (1.44, 1.84)	<0.001
40–49	2.40 (2.14, 2.69)	<0.001
50–59	3.11 (2.79, 3.47)	<0.001
60–69	4.35 (3.90, 4.84)	<0.001
70–79	4.89 (4.36, 5.49)	<0.001
80+	5.08 (4.50, 5.73)	<0.001
Residence in 2020		
Seoul	1	
Gyeonggido	1.09 (1.02, 1.18)	0.018
Daegu	0.61 (0.57, 0.66)	<0.001
Gyeongsangbukdo	0.80 (0.73, 0.88)	<0.001
Other area	1.09 (1.02, 1.17)	0.013
Annual income level in 2020		
Q1 (lowest)	1	
Q2	0.95 (0.88, 1.02)	0.127
Q3	0.93 (0.87, 0.99)	0.025
Q4	0.94 (0.88, 0.99)	0.031
Unknown	1.08 (0.90, 1.29)	0.408
Underlying disability		
Mild to moderate (vs. no disability)	1.06 (0.98, 1.15)	0.135
Severe (vs. no disability)	1.06 (0.96, 1.17)	0.254
Charlson comorbidity index	1.05 (1.03, 1.07)	<0.001
Myocardial infarction	1.04 (0.95, 1.14)	0.417
Congestive heart failure	1.09 (1.02, 1.16)	0.009
Peripheral vascular disease	1.06 (1.01, 1.12)	0.029
Cerebrovascular disease	1.06 (1.00, 1.13)	0.055
Dementia	0.86 (0.80, 0.93)	<0.001
Chronic pulmonary disease	1.15 (1.09, 1.21)	<0.001
Rheumatic disease	1.05 (0.99, 1.12)	0.119
Peptic ulcer disease	1.17 (1.11, 1.23)	<0.001
Mild liver disease	1.13 (1.07, 1.19)	<0.001
Diabetes without chronic complication	1.14 (1.07, 1.20)	<0.001
Diabetes with chronic complication	1.04 (0.97, 1.11)	0.293
Hemiplegia or paraplegia	1.08 (0.96, 1.21)	0.196
Renal disease	1.06 (0.97, 1.15)	0.177
Any malignancy	1.24 (1.17, 1.31)	<0.001
Moderate or severe liver disease	0.90 (0.75, 1.08)	0.269
Metastatic solid tumour	1.44 (1.30, 1.59)	<0.001
AIDS/HIV	1.10 (0.72, 1.68)	0.651
Underlying psychiatric illness		
Anxiety disorder	1.45 (1.37, 1.53)	<0.001
Depression	1.38 (1.31, 1.46)	<0.001
Bipolar disorder	1.20 (1.09, 1.31)	<0.001
Substance abuse	1.38 (1.20, 1.59)	<0.001
PTSD	1.43 (0.91, 2.24)	0.124

OR, odds ratio; CI, confidence interval; AIDS, acquired immunodeficiency syndrome; HIV, human immunodeficiency virus; PTSD, post-traumatic stress disorder