

**Table S1.** The unadjusted risks of negative changes after COVID-19 according to socioeconomic factors

Sociodemographic factor	Odds ratio (95% confidence interval)					
	Smoking	Drinking	Diet	Exercise	Stress	Health care service use
Age (yr)						
50s or more	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
40s	1.69 (1.05–2.73)	2.01 (1.45–2.78)	2.20 (1.65–2.94)	1.60 (1.24–2.05)	1.48 (1.17–1.88)	1.57 (1.17–2.11)
30s	1.70 (1.04–2.79)	1.76 (1.25–2.49)	2.50 (1.85–3.37)	1.76 (1.35–2.28)	1.31 (1.02–1.68)	1.27 (0.92–1.75)
20s	1.60 (0.97–2.65)	1.57 (1.10–2.23)	3.19 (2.37–4.29)	1.63 (1.25–2.12)	1.14 (0.89–1.46)	1.22 (0.88–1.69)
Sex						
Female	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Male	2.11 (1.48–3.01)	1.24 (0.98–1.56)	0.67 (0.55–0.82)	0.67 (0.56–0.81)	0.64 (0.54–0.77)	0.77 (0.62–0.96)
Marital status						
Married	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Single	1.58 (1.11–2.23)	1.06 (0.83–1.34)	1.48 (1.21–1.81)	1.10 (0.91–1.32)	1.01 (0.84–1.21)	0.90 (0.72–1.14)
Bereavement, separation, or divorce	2.62 (1.39–4.97)	1.27 (0.75–2.15)	1.42 (0.90–2.25)	1.45 (0.94–2.22)	1.46 (0.95–2.25)	0.93 (0.55–1.59)
Education						
College, university, or more	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
High school	1.40 (0.95–2.07)	0.91 (0.67–1.22)	0.68 (0.52–0.88)	0.76 (0.60–0.96)	0.85 (0.68–1.06)	0.87 (0.66–1.16)
Middle school or less	2.45 (0.54–11.21)	0.39 (0.05–2.99)	0.44 (0.10–2.00)	0.49 (0.14–1.80)	0.54 (0.18–1.67)	1.77 (0.54–5.77)
Monthly household income (KRW)						
More than 6 million	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
3 to 6 million	1.45 (0.87–2.42)	0.88 (0.65–1.19)	1.06 (0.81–1.38)	1.09 (0.86–1.39)	0.93 (0.73–1.17)	1.00 (0.75–1.34)
Less than 3 million	2.01 (1.21–3.33)	0.87 (0.64–1.19)	1.23 (0.94–1.61)	1.07 (0.83–1.37)	0.94 (0.74–1.19)	1.04 (0.77–1.41)
Cardiometabolic disease						
No	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)	1 (Reference)
Yes	1.04 (0.74–1.46)	0.93 (0.73–1.19)	0.81 (0.66–0.99)	1.04 (0.86–1.25)	1.07 (0.89–1.28)	1.07 (0.86–1.35)