

**Supplementary Table 1. Individual preventive measures and the type of mask used, before and after the COVID-19 epidemic in an online survey in South Korea**

Individual preventive measures	Response frequency (n = 604)		p value <sup>b</sup>
	Before COVID-19 2019.12–2020.1 <sup>a</sup>	After COVID-19 2020.2–2020.3 <sup>a</sup>	
Wearing a mask during regular outings or at work <sup>c</sup>			< 0.001
Never, 1 point	327 (54.1)	4 (0.7)	
Seldom, 2 point	203 (33.6)	24 (4.5)	
Generally, 3 point	61 (10.1)	210 (34.8)	
Always, 4 point	13 (2.2)	363 (60.1)	
Mean of points	1.60 ± 0.76	3.54 ± 0.61	
Wearing a mask in public transportation (n = 598) <sup>d</sup>			< 0.001
Never, 1 point	374 (62.5)	5 (0.8)	
Seldom, 2 point	161 (26.9)	6 (1.0)	
Generally, 3 point	40 (6.7)	92 (15.4)	
Always, 4 point	23 (3.8)	495 (82.8)	
Mean of points	1.52 ± 0.78	3.80 ± 0.48	
Wearing a mask in public indoor space with other people			< 0.001
Never, 1 point	375 (62.1)	5 (0.8)	
Seldom, 2 point	168 (27.8)	10 (1.7)	
Generally, 3 point	44 (7.3)	114 (18.9)	
Always, 4 point	17 (2.8)	475 (78.6)	
Mean of points	1.51 ± 0.75	3.75 ± 0.52	
Adhering to correct cough etiquette <sup>e</sup>			< 0.001
Never, 1 point	65 (10.8)	4 (0.7)	
Seldom, 2 point	199 (32.9)	21 (3.5)	
Generally, 3 point	232 (38.4)	198 (32.8)	
Always, 4 point	108 (17.9)	381 (63.1)	
Mean of points	2.63 ± 0.90	3.58 ± 0.59	
Adhering to correct hand-washing <sup>e</sup>			< 0.001
Never, 1 point	35 (5.8)	4 (0.7)	
Seldom, 2 point	212 (35.1)	20 (3.3)	
Generally, 3 point	260 (43.0)	231 (38.2)	
Always, 4 point	97 (16.1)	349 (57.8)	
Mean of points	2.69 ± 0.80	3.53 ± 0.60	
Correct hand-washing number <sup>f</sup>			< 0.001
0 (not done), 1 point	36 (6.0)	3 (0.5)	
1–5 times, 2 point	387 (64.1)	146 (24.2)	
6–10 times, 3 point	140 (23.2)	276 (45.7)	
More than 10 times, 4 point	41 (6.8)	179 (29.6)	
Mean of points	2.31 ± 0.68	3.04 ± 0.75	< 0.001
Most used mask			-
Surgical mask	279 (46.2)	75 (12.4)	

Supplementary Table 1. Continued

Individual preventive measures	Response frequency (n = 604)		p value <sup>b</sup>
	Before COVID-19 2019.12–2020.1 <sup>a</sup>	After COVID-19 2020.2–2020.3 <sup>a</sup>	
KF94 mask (FFP2) <sup>g</sup>	157 (26.0)	431 (71.4)	
KF80 mask (FFP1) <sup>g</sup>	53 (8.8)	64 (10.6)	
Cotton mask	77 (12.7)	24 (4.0)	
Others	38 (6.3)	10 (1.7)	

Values are presented as number (%) or mean ± standard deviation.

COVID-19, coronavirus disease 2019.

<sup>a</sup>For the survey, the cut-off day of the COVID-19 epidemic was defined as January 31, 2020. On January 27, the national infectious disease alert level went from 'caution' to 'alert.' To reduce recall bias, data was divided into monthly units.

<sup>b</sup>Comparison of mask use and personal hygiene before and after the COVID-19 epidemic was analyzed by paired *t* test.

<sup>c</sup>Likert scale responses: "Never," "Seldom," "Generally," "Always." Depending on the level of performance, the question was scored from 1 for 'Never' to 4 for 'Always.'

<sup>d</sup>Data were missing for six patients. Except for this item, all respondents had to complete the mandatory answers when proceeding with the online surveys and submit the final responses. The answer data of the respondents who stopped in the middle of the questionnaire could not be collected.

<sup>e</sup>Cover mouths and nose with tissue or elbow when coughing or sneezing. Wash hands with running water and soap or sanitiser for at least 30 seconds with six steps as Korean Centers for Disease Control and Prevention recommend.

<sup>f</sup>Scoring of proper hand-washing: 1 point (not done); 2 points (1–5 times); 3 points (6–10 times); 4 points (more than 10 times).

<sup>g</sup>KF94 masks certified by the Korean Ministry of Food and Drug Safety (similar to FFP2) are suitable for healthcare workers as filtering facepiece masks. The performance, such as filtering efficiency, is almost identical between KF94 and N95 [22]. Korea government supply KF94 masks to the public (two masks per person per week).