

Supplementary Table S1. Positive rates of anti-SARS-CoV-2 N Ab or anti-SARS-CoV-2 S Ab in serum samples of stratified COVID-19 patients after symptom onset.

		Days since symptom onset				Days since symptom onset				Days since symptom onset		
		Day 0–6	Day 7–13	Day 14–		Day 0–6	Day 7–13	Day 14–		Day 0–6	Day 7–13	Day 14–
Anti-SARS-CoV-2 N Ab positive, n (%)	Age<60	2 (6.7)	20 (55.6)	15 (78.9)	Male	2 (6.1)	26 (59.1)	25 (80.6)	severity 1	2 (5.1)	28 (57.1)	24 (85.7)
	Age>=60	0 (0.0)	19 (57.6)	24 (88.9)	Female	0 (0.0)	13 (52.0)	14 (93.3)	sevirity 2 or 3	0 (0.0)	11 (55.0)	15 (83.3)
	<i>P</i>	0.4969	1.0000	0.4244	<i>P</i>	0.5157	0.6194	0.3992	<i>P</i>	1.0000	1.0000	1.0000
Anti-SARS-CoV-2 S Ab positive, n (%)	Age<60	2 (6.7)	24 (66.7)	16 (84.2)	Male	2 (6.1)	32 (72.7)	26 (83.9)	severity 1	2 (5.1)	33 (67.3)	24 (85.7)
	Age>=60	1 (4.2)	22 (66.7)	21 (77.8)	Female	1 (4.8)	14 (56.0)	11 (73.3)	sevirity 2 or 3	1 (6.7)	13 (65.0)	13 (72.2)
	<i>P</i>	1.0000	1.0000	0.7160	<i>P</i>	1.0000	0.1894	0.4453	<i>P</i>	1.0000	1.0000	0.2836
Anti-SARS-CoV-2 N Ab and anti-SARS-CoV-2 S Ab positive, n (%)	Age<60	3 (10.0)	27 (75.0)	18 (94.7)	Male	3 (9.1)	34 (77.3)	29 (93.5)	severity 1	3 (7.7)	38 (77.6)	27 (96.4)
	Age>=60	1 (4.2)	24 (72.7)	25 (92.6)	Female	1 (4.8)	17 (68.0)	14 (93.3)	sevirity 2 or 3	1 (6.7)	13 (65.0)	16 (88.9)
	<i>P</i>	0.6204	1.0000	1.0000	<i>P</i>	1.0000	0.4092	1.0000	<i>P</i>	1.0000	0.3663	0.5518
Anti-SARS-CoV-2 N Ab or anti-SARS-CoV-2 S Ab positive, n (%)	Age<60	1 (3.3)	17 (47.2)	13 (68.4)	Male	1 (3.0)	24 (54.5)	22 (71.0)	severity 1	1 (2.6)	23 (46.9)	21 (75.0)
	Age>=60	0 (0.0)	17 (51.5)	20 (74.1)	Female	0 (0.0)	10 (40.0)	11 (73.3)	sevirity 2 or 3	0 (0.0)	11 (55.0)	12 (66.7)
	<i>P</i>	1.0000	0.8112	0.7463	<i>P</i>	1.0000	0.3185	1.0000	<i>P</i>	1.0000	0.6026	0.7383

SARS-CoV-2: severe acute respiratory syndrome coronavirus 2, SARS-CoV-2 N: SARS-CoV-2 nucleocapsid protein, SARS-CoV-2 S: SARS-CoV-2 spike protein, Ab: antibody, COVID-19: coronavirus disease 2019. Number of each group is shown. Percentages are shown in parenthesis. Difference was tested in the comparison by Fisher's exact test using 2x2 contingency tables.