

**Supplementary Table 1** Geographic distribution of the participants at provincial level

Province	Frequency	Percent
Anhui	7	0.7
Beijing	6	0.6
Chongqing	20	2.0
Fujian	2	0.2
Gansu	274	27.2
Guangdong	30	3.0
Guangxi	56	5.6
Guizhou	38	3.8
Hainan	8	0.8
Hebei	6	0.6
Heilongjiang	13	1.3
Henan	13	1.3
Hubei	88	8.7
Hunan	19	1.9
Jiangsu	5	0.5
Jilin	7	0.7
Liaoning	106	10.5
Neimenggu	11	1.1
Ningxia	22	2.2
Qing Hai	18	1.8
Shandong	42	4.2
Shanghai	3	0.3
Shanxi	1	0.1
Shaanxi	26	2.6
Sichuan	17	1.7

<b>Xinjian</b>	14	1.4
<b>Tibet</b>	2	0.2
<b>Yunnan</b>	26	2.6
<b>Zhejiang</b>	119	11.8
<b>Overseas</b>	7	0.7
<b>Total</b>	1006	100.0

**Supplementary Table 2 Pearson correlations between COVID-19 related knowledge, actions and affects**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Do you know about COVID-19	1																							
When did you first heard about SARS-CoV-2 infection	.237**																							
Is SARS-CoV-2 infection more serious/dangerous than SARS and MERS	.099**	.084**																						
Do you know deaths due to COVID-19 are less as compared to SARS and MERS?	0.017	.092**	-.073*																					
Have you eat Civet ever in your life	0.019	0.012	-0.013	0.06																				
SARS-CoV-2 infection	0.045	.096**	0.031	0.022	0.009																			
If source is animal than from which animal	.066*	.068*	0.021	0.014	0.05	.406**																		
What type of meat you and your family like to consume	-.065*	0.031	-0.013	0.013	0.015	-0.006	0.025																	
Have you and your family members consumed meat of wild animals recently	-.083**	0.013	-0.006	0.022	0.013	-0.003	0.01	.171**																
Have you, your family members or friends got infected with SARS-CoV-2	-0.053	0.024	0.001	-0.02	0.043	-0.013	-.066*	.074*	.093**															
Do you think early detection and treatment will help COVID-19 patient to recover	.200**	.084**	.094**	0.02	0.023	.121**	.146**	.113**	-0.058	0.033														
DO you know SARS-CoV-2 can enter to healthy person via	-.153**	-.098**	-0.027	0.051	0.002	.082**	0.053	0.026	-0.01	-0.004	-0.008													
How SARS-CoV-2 infection spreads	-0.009	-.074*	-0.038	0.052	0.042	0.058	.081**	.093**	0.002	0.015	-0.048	.342**												
How long would it take for a person to become sick if he/she is exposed to SARS-CoV-2	-0.052	0.007	0.014	0.007	0.016	.078*	.115**	0.025	-0.014	-0.006	-0.016	.209**	.209**											
Do you know people diagnosed with other diseases such as Diabetes, cancer and other chronic diseases are at high risk of death due to SARS-CoV-2 infection	.155**	.078*	.084**	.062*	0.019	-0.006	0	0.015	0.024	0.045	.079*	.221**	.117**	-.079*										
Do you know wearing mask and washing hand with soap and water for at least 30 secs can Minimize the risk of SARS-CoV-2 infection	.162**	.088**	.119**	0.031	0.028	0.061	.117**	.088**	0.03	0.012	.151**	.135**	.091**	0.037	.197**									
Who is at risk of contracting SARS-CoV-2	-.064*	-.064*	-0.019	0.024	0.047	0.015	0.028	0.049	0.01	-0.016	.085**	.338**	.356**	.151**	.135**	.118**								
Where people may be infected with SARS-CoV-2	-.106**	-0.018	-0.039	0.019	0.012	.062*	0.049	0.038	0.054	0.026	-0.056	.278**	.246**	.160**	.119**	-.072*	.447**							
SARS-CoV-2 infection control measures	-0.044	-.105**	0.005	0.014	0.055	.063*	.065*	0.051	.117**	0.054	-.075*	.270**	.373**	.172**	-.072*	.112**	.451**	.433**						

Is there a cure for COVID19?	-0.019	-.063*	0.026	-0.02	-	0.028	0.042	-0.02	0.032	0.005	-0.013	0.045	0.024	-0.015	-0.041	0.029	0.013	0.045	0.024	0.049					
If you are feeling unwell what will you do	-0.023	-0.009	-0.007	0.012	0.018	0.003	-0.039	0.044	-0.035	-0.005	-0.034	0.01	-0.027	-0.01	0.038	-0.017	-0.011	-0.005	-0.027	.079*					
How COVID-19 affected you	-0.015	-0.034	.127**	-	-	0.011	-.070*	-0.024	0.034	0.061	0.05	0.051	-0.01	-0.013	-0.034	0.017	0.033	0.039	-0.009	.079*	0.044	0.026			
How much do you think you are affected with the COVID-19	0.004	0.028	.086**	-	0.016	0.004	0.011	0.031	0.038	0.039	.097**	0.004	-0.037	0.004	0.033	.118**	0.042	0.022	0.044	.106**	-0.014	0.006	.311**		
If your family member or friend is infected with SARS-CoV-2 what will you do	-0.026	-.074*	-0.01	0.03	0.035	-0.004	-0.028	-0.026	0.046	0.012	-0.022	0.024	0.022	-0.016	0.036	0.027	.088**	0.047	0.061	0.021	0.001	0.045	0.018		
Are you back to your routine after COVID 19 outbreak	-0.058	0.008	0.012	-	0.007	0.026	0.006	.065*	0.003	0.013	-0.033	-0.048	0.038	0.034	0.057	0.007	0.003	0.01	.071*	0.032	.097**	0.024	.128**	.148**	0.004

**Supplementary Table 3 Multivariate logistic regression analysis: odd ratios (95% confidence intervals) of different levels of coronavirus disease 2019 related knowledge compared to severe acute respiratory syndrome, Middle East respiratory syndrome and people diagnosed with other diseases**

Deaths due to COVID-19 are less as compared to SARS and MERS			People diagnosed with other diseases are at high risk of death due to COVID-19	
Factors	OR (95%CI)	P value	OR (95%CI)	P value
Sex				0.012
Male			1	
Female			0.61 (0.41-0.89)	
Residence		0.006		
Rural	1			
Urban	0.67 (0.51-0.89)			
Age, yr				0.001
< 30			1	
31-39			0.17 (0.06-0.51)	
40-49			0.44 (0.16-1.17)	
50-59			0.07 (0.01-0.39)	
> 60			0.06 (0.01-0.52)	
Ethnicity				0.007
Han			1	
Others			1.82 (1.18-2.8)	
Education		0.676		
Middle or less	1			
Undergraduate	0.79 (0.55-1.14)			

Master	0.82 (0.74-1.43)		
PhD	0.8 (0.4-1.61)		
Profession			0.39
Farmer		1	
Teacher		0.97 (0.33-2.87)	
Doctor		0.22 (0.04-1.12)	
Nurse		0.87 (0.15-5.07)	
Government		0.57 (0.2-1.64)	
Private		0.98 (0.36-2.67)	
Students		0.6 (0.23-1.6)	
Business		0.19 (0.02-1.66)	
Marital status			0.7
Married		1	
Unmarried		1.19 (0.49-2.87)	
Monthly income (RMB)			0.34
< 3000	1	1	
3001-5000	1.1 (0.81-1.5)	0.65 (0.34-1.27)	
5001-10000	0.88 (0.61-1.28)	1.17 (0.53-2.6)	
> 10000	0.5 (0.28-0.89)	0.68 (0.26-1.77)	

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The reference category of each variable is the one with odd ratios = 1.00. OR: Odds ratio; CI: Confidence interval.

**Supplementary Table 4 Multivariate logistic regression analysis: odd ratios (95% confidence intervals) of different levels of knowledge about wearing mask and washing hand with soap for at least 30 s can minimize severe acute respiratory syndrome coronavirus 2 infection risk and community center is well furnished with basic medical facilities or not**

Wearing mask and washing hand with soap for at least 30 s can minimize COVID-19 risk			Your community center is well furnished with basic medical facilities	
Factors	OR (95%CI)	P value		P value
Country				0.024
Chinese			1	
Foreigner			6.56 (1.27-33.8)	
Sex		0.007		
Male	1			
Female	0.48 (0.28-0.82)			
Age, yr		0.449		0.14
< 30	1		1	
31-39	1.08 (0.51-2.29)		1.56 (0.86-2.82)	
40-49	0.91 (0.24-1.96)		1.95 (1.02-3.73)	
50-59	0.34 (0.08-1.44)		1.88 (0.94-3.79)	
> 60	0.29 (0.04-2.18)		2.57 (1.21-5.42)	
Residence		0.007		
Rural	1			
Urban	0.46 (0.26-0.81)			
Ethnicity				0.43
Han			1	
Others			0.88 (0.63-1.22)	

Profession		0.001
Farmer	1	
Teacher	0.82 (0.45-1.48)	
Doctor	0.23 (0.11-0.47)	
Nurse	0.16 (0.04-0.78)	
Government	0.72 (0.4-1.3)	
Private	0.47 (0.26-0.85)	
Students	0.70 (0.36-1.37)	
Business	0.82 (0.59-1.93)	
Marital status		0.8
Married	1	
Unmarried	1.07 (0.59-1.9)	
Monthly income (RMB)		0.56
< 3000	1	
3001-5000	1.23 (0.82-1.83)	
5001-10000	1.25 (0.78-2.0)	
> 10000	0.87 (0.46-1.64)	

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The reference category of each variable is the one with odd ratio = 1.00. COVID-19: Coronavirus disease 2019; OR: Odds ratio; CI: Confidence interval.