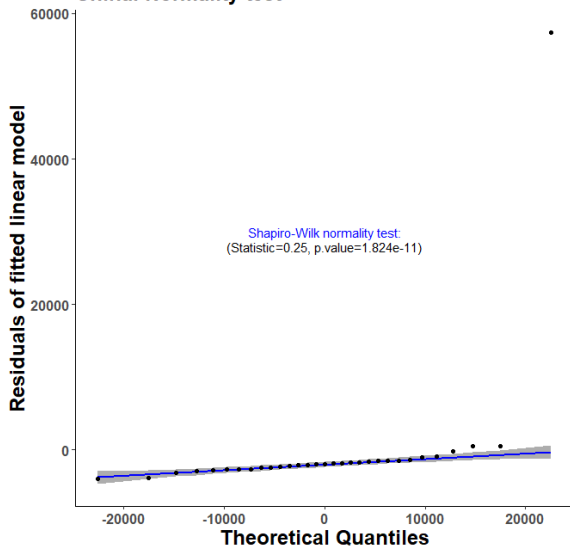
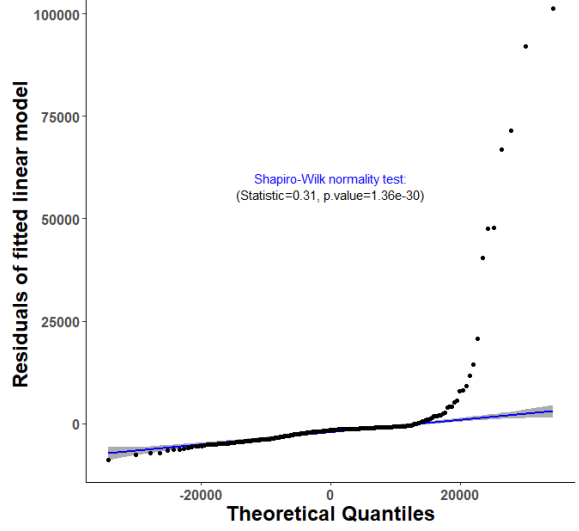


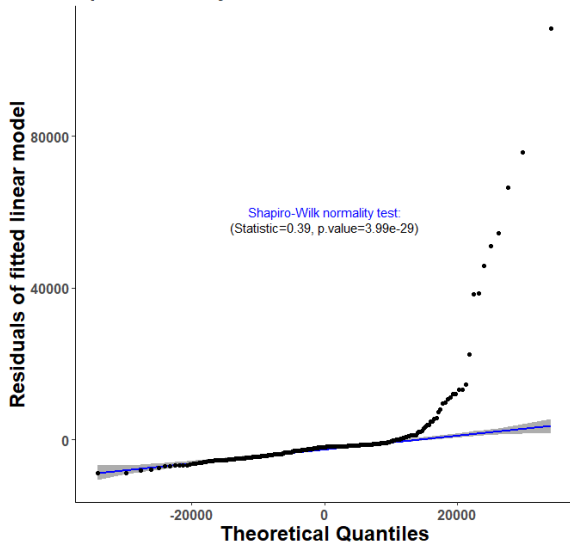
China: Normality test



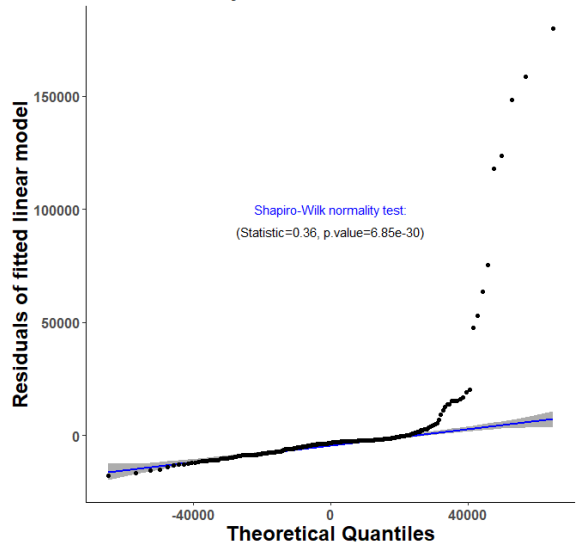
March: Normality test



April: Normality test



Total: Normality test



Supplementary table 1. Relationship of SARS-CoV-2 infectivity with the humidity among 31 provinces of China. The correlation between the humidity and Infection was determined by the Spearman Correlation Coefficient [R(s)].

Sl No.	Provinces	R(s) value	P Value	Sl No.	Provinces	R(s) value	p value
1.	Guangxi	0.501111	0.067944	17.	Liaoning	-0.22955	0.429843
2.	Jilin	-0.48664	0.077627	18.	Hunan	0.21927	0.451341
3.	Inner Mongolia	-0.46828	0.091263	19.	Jiangsu	0.186678	0.52281
4.	Shanxi	0.44225	0.113329	20.	Henan	-0.17401	0.551878
5.	Hebei	0.434401	0.12064	21.	Anhui	0.171617	0.557442
6.	Gansu	0.409264	0.146192	22.	Hainan	-0.1461	0.618207
7.	Beijing	0.38022	0.179906	23.	Sichuan	0.138614	0.636511
8.	Qinghai	0.375963	0.185234	24.	Hubei	0.138462	0.636885
9.	Heilongjiang	-0.32856	0.251411	25.	Guizhou	0.12725	0.664648
10.	Xinjiang	0.320994	0.263135	26.	Zhejiang	0.117128	0.690063
11.	Jiangxi	0.2979	0.300926	27.	Hong Kong	0.116411	0.691876
12.	Tianjin	0.273128	0.344756	28.	Fujian	0.027624	0.925315
13.	Yunnan	-0.26951	0.351436	29.	Guangdong	-0.02652	0.928295
14.	Shaanxi	0.263291	0.363091	30.	Chongqing	0.019824	0.946371
15.	Ningxia	0.243058	0.402416	31.	Shanghai	0.015752	0.957375
16.	Shandong	-0.23516	0.418334				