

S1 Table 1. Estimated model parameters per province and for China (excluding Hubei) and other 20 provinces with at least 150 cases of SARS-CoV2

Region	Daily fatality rate (%)	a	b	c	R-squared	a2	b2	c2	R-squared2
China (excluding Hubei)	0.05 ± 0.01	12882 ± 42	14.7 ± 0.1	3.91 ± 0.07	0.999	12558 ± 83	31.9 ± 0.1	5.43 ± 0.09	0.999
Hubei	0.34 ± 0.05	67622 ± 463	21.3 ± 0.2	4.13 ± 0.13	0.996	55387 ± 556	39.6 ± 0.2	5.73 ± 0.08	0.999
Guangdong	0.05 ± 0.03	1344 ± 3	14 ± 0.1	3.52 ± 0.05	0.999	1304 ± 24	32.4 ± 0.4	6.19 ± 0.24	0.995
Henan	0.17 ± 0.06	1270 ± 4	13.7 ± 0.1	3.47 ± 0.06	0.999	1288 ± 8	29.8 ± 0.1	4.62 ± 0.09	0.999
Zhejiang	0.00 ± 0.00	1196 ± 5	12.5 ± 0.1	3.13 ± 0.09	0.997	1245 ± 16	31.6 ± 0.3	6.30 ± 0.18	0.997
Hunan	0.02 ± 0.01	1018 ± 3	12.9 ± 0.1	3.50 ± 0.07	0.999	972 ± 11	27.8 ± 0.2	5.30 ± 0.17	0.997
Anhui	0.02 ± 0.01	993 ± 2	15.3 ± 0.1	3.54 ± 0.04	0.999	1003 ± 5	32.4 ± 0.1	4.43 ± 0.06	0.999
Jiangxi	0.00 ± 0.00	936 ± 3	15.1 ± 0.1	3.32 ± 0.06	0.999	938 ± 5	31.6 ± 0.1	4.61 ± 0.07	0.999
Shandong	0.04 ± 0.02	774 ± 13	19.6 ± 0.5	6.39 ± 0.40	0.979	854 ± 39	39.6 ± 0.9	7.81 ± 0.37	0.993
Jiangsu	0.00 ± 0.00	635 ± 2	13.5 ± 0.1	3.89 ± 0.09	0.998	616 ± 5	28.9 ± 0.1	4.89 ± 0.12	0.998
Chongqing	0.05 ± 0.02	575 ± 2	12.9 ± 0.1	4.40 ± 0.09	0.998	543 ± 9	30.8 ± 0.3	5.57 ± 0.22	0.995
Sichuan	0.03 ± 0.02	536 ± 3	15.2 ± 0.2	4.72 ± 0.14	0.996	515 ± 9	34.7 ± 0.3	6.89 ± 0.19	0.997
Beijing	0.11 ± 0.05	411 ± 2	14.2 ± 0.1	4.35 ± 0.12	0.996	330 ± 3	31.9 ± 0.2	5.92 ± 0.11	0.999
Heilongjiang	0.15 ± 0.05	482 ± 2	16.8 ± 0.1	3.66 ± 0.06	0.999	445 ± 6	34.7 ± 0.2	5.03 ± 0.15	0.997
Shanghai	0.04 ± 0.03	337 ± 1	13 ± 0.1	3.67 ± 0.06	0.999	311 ± 2	29.4 ± 0.1	4.35 ± 0.11	0.998
Hebei	0.11 ± 0.05	319 ± 2	14.9 ± 0.1	4.42 ± 0.12	0.997	315 ± 2	29 ± 0.1	4.56 ± 0.07	0.999
Fujian	0.02 ± 0.02	294 ± 2	10.9 ± 0.1	3.57 ± 0.12	0.995	307 ± 3	31.4 ± 0.2	5.45 ± 0.13	0.998
Guangxi	0.03 ± 0.02	251 ± 1	14.2 ± 0.1	4.38 ± 0.10	0.998	255 ± 3	35.7 ± 0.2	5.96 ± 0.14	0.998
Shaanxi	0.03 ± 0.03	244 ± 1	11.8 ± 0.1	3.89 ± 0.09	0.997	233 ± 2	30.1 ± 0.1	4.32 ± 0.11	0.998
Yunnan	0.07 ± 0.05	172 ± 1	12.6 ± 0.2	3.77 ± 0.19	0.988	177 ± 2	32.5 ± 0.2	4.20 ± 0.13	0.997
Hainan	0.18 ± 0.09	170 ± 1	15 ± 0.1	4.41 ± 0.12	0.996	163 ± 1	31.4 ± 0.1	4.64 ± 0.11	0.998