

Supplementary Tables and Figure Legends**Supplementary Table 1** Search strategy for systematic review**Supplementary Table 2** Characteristics of the studies included for meta-analysis**Supplementary Table 3** Quality assessment of selected articles**Supplementary Table 4** Results of sensitivity analysis

Supplementary Table 1 Search strategy for systematic review**Medline (n=2,150)**

# ▲	Searches	Results
1	SARS-CoV-2.tw.	22572
2	COVID-19.tw.	68487
3	2019-nCoV.tw.	811
4	novel coronavirus.tw.	4999
5	coronavirus 2019.tw.	928
6	2019 coronavirus.tw.	368
7	Wuhan coronavirus.tw.	15
8	Wuhan pneumonia.tw.	8
9	COVID 19.tw.	68487
10	Coronavirus Disease-19.tw.	716
11	SARS Coronavirus 2 Infection.tw.	4
12	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11	75773
13	Asymptomatic.tw.	140452
14	Asymptomatic Carrier*.tw.	3332
15	Asymptomatic positive*.tw.	45
16	No symptom*.tw.	8151
17	No sign*.tw.	655183
18	Asymptomatic individual*.tw.	3748
19	Asymptomatic person*.tw.	742
20	Asymptomatic patient*.tw.	14504
21	Asymptomatic case*.tw.	1406
22	Asymptomatic carriage.tw.	560
23	Asymptomatic proportion.tw.	9

24	Asymptomatic transmission.tw.	92
25	Symptomless.tw.	1961
26	Asymptomatic contact.tw.	62
27	No respiratory symptom*.tw.	263
28	Inapparent Infection*.tw.	365
29	Subclinical Infection*.tw.	1807
30	Presymptomatic*.tw.	3821
31	Asymptomatic State*.tw.	222
32	Pre-Symptomatic Disease*.tw.	31
33	13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32	805657
34	12 and 33 to yr="2019 - 2020"	2150

PubMed (n=4,156)

# ▲	Searches	Results
1	Search: SARS-CoV-2 [Text Word]	83767
2	Search: COVID-19 [Text Word]	129668
3	Search: 2019-nCoV [Text Word]	1629
4	Search: novel coronavirus [Text Word]	8709
5	Search: coronavirus 2019[Text Word]	1522
6	Search: 2019 coronavirus [Text Word]	525
7	Search: Wuhan coronavirus [Text Word]	15
8	Search: Wuhan pneumonia [Text Word]	8
9	Search: COVID 19 [Text Word]	129668
10	Search: Coronavirus Disease-19 [Text Word]	1402
11	Search: SARS Coronavirus 2 Infection [Text Word]	8
12	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11	134001
13	Search: Asymptomatic [Text Word]	168176
14	Search: Asymptomatic Carrier*[Text Word]	4055
15	Search: Asymptomatic positive*[Text Word]	56
16	Search: No symptom*[Text Word]	10181
17	Search: No sign*[Text Word]	753877
18	Search: Asymptomatic individual*[Text Word]	4437
19	Search: Asymptomatic person*[Text Word]	831
20	Search: Asymptomatic patient*[Text Word]	16575
21	Search: Asymptomatic case*[Text Word]	1792
22	Search: Asymptomatic carriage [Text Word]	655
23	Search: Asymptomatic proportion [Text Word]	12
24	Search: Asymptomatic transmission [Text Word]	145

25	Search: Symptomless [Text Word]	2890
26	Search: Asymptomatic contact [Text Word]	73
27	Search: No respiratory symptom*[Text Word]	306
28	Search: Inapparent Infection*[Text Word]	396
29	Search: Subclinical Infection*[Text Word]	2030
30	Search: Presymptomatic*[Text Word]	5647
31	Search: Asymptomatic State*[Text Word]	264
32	Search: Pre-Symptomatic Disease*[Text Word]	36
33	13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32	1029910
34	12 and 33 yr="2019/11/01 - 2020/12/31"	4156

Embase (n=3,660)

# ▲	Searches	Results
1	SARS-CoV-2.tw.	35873
2	COVID-19.tw.	112478
3	2019-nCoV.tw.	1252
4	novel coronavirus.tw.	7926
5	coronavirus 2019.tw.	1403
6	2019 coronavirus.tw.	494
7	Wuhan coronavirus.tw.	24
8	Wuhan pneumonia.tw.	11
9	COVID 19.tw.	112478
10	Coronavirus Disease-19.tw.	1309
11	SARS Coronavirus 2 Infection.tw.	7
12	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11	123709
13	Asymptomatic.tw.	236862
14	Asymptomatic Carrier*.tw.	4966
15	Asymptomatic positive*.tw.	88
16	No symptom*.tw.	15110
17	No sign*.tw.	1097376
18	Asymptomatic individual*.tw.	6175
19	Asymptomatic person*.tw.	1038
20	Asymptomatic patient*.tw.	24930
21	Asymptomatic case*.tw.	2480
22	Asymptomatic carriage.tw.	794
23	Asymptomatic proportion.tw.	17
24	Asymptomatic transmission.tw.	119

25	Symptomless.tw.	2478
26	Asymptomatic contact.tw.	85
27	No respiratory symptom*.tw.	536
28	Inapparent Infection*.tw.	374
29	Subclinical Infection*.tw.	2235
30	Presymptomatic*.tw.	5955
31	Asymptomatic State*.tw.	363
32	Pre-Symptomatic Disease*.tw.	69
33	13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32	1346922
34	13 and 42 yr="2019 - 2020"	3660

CNKI (n=1,900)

FT=("新型冠状病毒"+"新冠肺炎"+"新型冠状病毒肺炎"+"严重急性呼吸综合征冠状病毒2"+"2019-nCov"+"2019 新型冠状病毒"+"2019 冠状病毒"+"corona virus disease-19"+"COVID-19"+"SARS-COV-2"+"novel coronavirus pneumonia"+"NCP")and FT=("无症状"+"无症状携带者"+"无症状患者"+"无症状阳性"+"无症状的阳检测病例"+"检测患者"+"没有症状"+"无症状感染"+"无症状感染者"+"无临床症状"+"无感染症状"+"无相关感染症状"+"无临床特征"+"没有临床特征"+"无明显症状"+"没有明显症状"+"隐性感染"+"隐性感染者")

WanFang (n=2,306)

(全部:(新型冠状病毒+新冠肺炎+新型冠状病毒肺炎+严重急性呼吸综合征冠状病毒2+2019-nCov+2019 新型冠状病毒 +2019 冠状病毒 +corona virus disease-19+COVID-19+SARS-COV-2+novel coronavirus pneumonia+NCP)*全部:(无症状+无症状携带者+无症状患者+无症状阳性+无症状的阳检测病例+检测患者+没有症状+无症状感染+无症状感染者+无临床症状+无感染症状+无相关感染症状+无临床特征+没有临床特征+无明显症状+没有明显症状+隐性感染+隐性感染者)) *Date:2019-

VIP (n=762)

(U=(新型冠状病毒 OR 新冠肺炎 OR 新型冠状病毒肺炎 OR 严重急性呼吸综合征冠状病毒2 OR 2019-nCov OR 2019 新型冠状病毒 OR 2019 冠状病毒 OR corona virus disease-19 OR COVID-19 OR SARS-COV-2 OR novel coronavirus pneumonia OR NCP)) AND (U=(无症状 OR 无症状携带者 OR 无症状患者 OR 无症状阳性 OR 无症状的阳检测病例 OR 检测患者 OR 没有症状 OR 无症状感染 OR 无症状感染者 OR 无临床症状 OR 无感染症状 OR 无相关感染症状 OR 无临床特征 OR 没有临床特征 OR 无明显症状 OR 没有明显症状 OR 隐性感染 OR 隐性感染者))

Supplementary Table 2 Characteristics of the studies included for meta-analysis

Author	City/Province	Country	Sample size	Age (mean or median [\pm SD or IQR]; range)	Study population	Male (%)	Positive patient (n)	The number of test-positive and asymptomatic patients (n)	The number of presymptomatic infections (n)	Confirmed date
Abey Suriya Sanduni(1)	London	UK	180	Mean:29.9y (\pm 7.4)	Pregnant	0.0	7	6	0	2020/04/22-2020/05/05
Adedeji Idris Abiodun(2)	Bauchi State	Nigeria	53	Mean:12.63y (\pm 4.31)	Children	52.8	53	32	0	2020/03/-2020/06
Adetola Hammed Hassan(3)	northern Sierra Leone	West Africa	30	Mean: 69.0 months (\pm 51.7)	Children	55.6	9	4	0	2020/04/24-2020/09
Aherfi Sarah(4)	Marseille	France	63	Mean: 45y	Adult	NA	63	9	0	2020/03/15-2020/03/30
Almazeedi Sulaiman(5)	South Surra	Kuwait	1096	Median: 41y	Adult	81.0	1096	507	35	2020/02/24-2020/04/20
Alshahrani Mohammed S(6)	Alkhobar	Saudi Arabia	301	Mean: 32.9y (\pm 8.7)	Adult	38.9	18	12	0	2020/05/01-2020/06/15
Alshukry Abdullah(7)	South Surra	Kuwait	417	Median: 47y (IQR:32-60y)	Adult	62.8	417	164	0	2020/02/24-2020/05/24
Alsofayan Yousef M(8)	NA	Saudi Arabia	825	Median: 36y	Adult	54.3	825	77	0	2020/03/01-2020/03/31
Alvin J Ing(9)	Cruise ship	Cruise ship	217	NA	Adult	NA	128	104	0	2020/04/03
Amy V. Dora(10)	Los Angeles, California	US	19	Median: 75y (66-85y)	Adult	100.0	19	6	0	2020/3/29-2020/3/21
An YH(11)	Beijing	China	54	Median: 48y (37-87y)	Adult	44.0	9	1	0	2020/01/21-2020/03/04
Andrea Lombardi(12)	Lombardy	Italy	1573	Mean: 44.5y	Adult	35.8	139	17	0	2020/02/24-2020/03/31
Antonio-Villa Neftali Eduardo(13)	NA	Mexico	35095	Mean:40.2y (\pm 10.7)	Adult	37.0	11226	341	0	till 2020/07/05
Arima(14)	Japan	Japan	566	NA	Adult	NA	12	4	0	2020/1-2020/2

Ashinyo Mary Eyram(15)	Greater Accra	Ghana	307	Mean: 37.9y (± 16.3)	Adult	56.7	307	263	0	2020/03/23-2020/06/29
Atakla Hugues Ghislain(16)	Conakry	Guinea	36	Mean: 9.66y (± 1.32)	Children	55.6	36	11	0	2020/01/01-2020/09/30
Backer JA(17)	Wuhan	China	88	Range: 2-72y	Adult	65.0	88	2	0	2020/01/22-2020/01/29
Bai M(18)	Wuhan	China	472	Mean: 50.7y (± 11.6)	Adult	46.0	472	37	2	2020/02/12-2020/03/08
Bai R(19)	Xian	China	120	Mean: 43y (range: 1.5-93y)	Adult	48.0	120	25	0	2020/01/01-2020/03/06
Bai SL(20)	Gansu	China	8	Median: 50.5y (range: 2-82y)	Adult	50.0	7	5	1	2020/01/22-2020/01/31
Bhakti Sarangi(21)	Maharashtra	India	50	Median: 6y(IQR: 2-12y)	Children	56.0	50	29	0	2020/04/01-2020/05/20
Bianco Angela(22)	New York	US	155	Mean: 32.7y (± 6.4)	Pregnant	0.0	24	4	0	2020/04/04-2020/04/15
Bin YF(23)	Wuhan	China	55	Mean: 53.9y (± 17.1)	Adult	56.0	55	1	0	2020/01/29-2020/02/16
Blain Hubert(24)	Montpellier	France	113	Mean: 86y (± 15.5)	Adult	NA	36	9	0	2020/03/03-2020/03/06
Böhmer(25)	Bavaria	Germany	16	Median: 35y (range: 2-58y)	Adult	75.0	16	2	1	2020/1/1-2020/2/19
Breslin Noelle(26)	New York	US	43	Mean: 29.7y (± 6.0)	Pregnant	0.0	43	14	10	2020/03/12-2020/03/27
Bruminhent Jackrapong(27)	Bangkok	Thailand	405	Mean: 36y (± 10)	Adult	34.0	53	2	0	2020/03/23-2020/04/07
Cai Jiehao(28)	Shanghai	China	49	Mean: 11.5y (± 5.12)	Children	57.1	49	21	0	2020/01/19-2020/04/30
Cao JM(29)	Nanchong	China	25	Range: 10-77y	Adult	48.0	25	12	0	2020/01/21-2020/02/18
Carla Felice(30)	NA	Italy	98	NA	Adult	39.0	18	6	0	NA
Chan JFW(31)	Wuhan	China	7	Mean: 46.17y(range: 10-66y)	Adult	50.0	6	1	0	2020/01/10-2020/01/15

Chen B(32)	Hainan	China	69	Median: 51y (range: 28-83y)	Adult	59.0	69	5	0	2020/01/18-2020/02/29
Chen J(33)	Shanghai	China	249	Median: 51y (36-64y)	Adult	51.0	249	7	0	2020/01/20-2020/02/06
Chen T(34)	Wuhan	China	76	Mean: 59.5y (range: 28-86y)	Adult	57.0	76	10	0	2020/01-2020/02
Chen Y(35)	Ningbo	China	187	Median: 12y(range: 30-70y)	Adult	NA	191	30	0	2020/01/21-2020/03/06
Chen YJ(36)	Chongqing	China	143	Mean: 45.13y (range: 15-79y)	Adult	51.0	143	11	0	2020/01/23-2020/02/08
Cheng ZP(37)	Yantai	China	25	Median: 42y (±12)	Adult	56.0	25	1	0	2020/01-2020/02
Choe PG(38)	Seoul	South Korea	113	Median:25y (IQR: 21.5-39.5y)	Adult	47.8	113	54	0	2020/03/05-2020/04/09
COVID-19 National Incident Room Surveillance Team(39)	NA	Australia	295	Median: 47y (range: 0-94y)	Adult	50.0	295	139	0	2020/01/21-2020/03/14
Dai Y(40)	Guangxi	China	11	Median:6.1y(range: 0.25-15y)	Children	36.3	11	4	0	2020/01/19-2020/03/11
Daniela Loconsole(41)	Apulia	Italy	166	Median:11y(range: 0-17y)	Children	48.8	166	104	0	2020/03/01-2020/06/01
Ding Y(42)	Wuhan	China	56	Mean: 54.6y (range: 24-86y)	Adult	54.0	56	3	0	2020/01/01-2020/02/03
Dong X(43)	Wuhan	China	11	Median: 43y (range: 2-69y)	Adult	45.0	11	1	0	2020/01/20-2020/02/29
Dong XC(44)	Tianjin	China	135	Mean: 48.62y (range:8-90y)	Adult	53.0	135	4	0	2020/01/13-2020/02/20
Dong YY(45)	Yangzhou	China	37	Mean: 38.64y (range: 1-74y)	Adult	59.0	37	14	0	2020/01-2020/02
Erinoso Olufemi A.(46)	Lagos State	Nigeria	632	Median:40y (IQR:30.5-49y)	Adult	60.1	632	398	0	2020/04/01-2020/05/31
Eythorsson Elias(47)	NA	Iceland	1564	Median:40y(IQR:26-53y, range: 0-103y)	Adult	51.0	1564	83	34	2020/03/17-2020/04/30
Fakiri EL K(48)	Marrakesh	Morocco	74	Mean: 7y (±1.5)	Children	54.1	74	54	0	2020/03/02-2020/04/01

Fan YZ(49)	Luan	China	79	NA	Adult	NA	79	10	5	2020/01/20-2020/02/20
Feaster Matt(50)	California	US	1093	NA	Adult	35.5	631	97	0	2020/04-2020/05
Feng XP(51)	Jingzhou	China	52	Median: 46y (30-63y)	Adult	64.0	52	8	0	2020/01/23-2020/03/08
Foster Catherine E.(52)	Texas	US	16544	Median:7.1y(IQR:1.7-13.8y)	Children	51.4	1215	193	0	2020/03/10-2020/06/28
Friederike Maechler(53)	Berlin	Germany	5179	Median:34y(24-67y)	Adult	49.1	333	14	2	2020/03/03-2020/04/13
Gao HJ(54)	Ganzizhou	China	54	Mean:42.69y (±17.94)	Adult	55.1	96	18	0	till 2020/02/28
Gao T(55)	Liaocheng, Xianyang	China	40	Mean: 41y	Adult	48.0	40	4	1	2020/1/21-2020/2/16
Gautret P(56)	NA	France	36	Mean: 45.1y	Adult	42.0	36	6	0	2020/3/1-2020/3/16
Gill Livingston(57)	UK	UK	344	Mean:75.3y (±8.2)	Adult	48.0	131	16	0	2020/03/01-2020/04/30
Grados Isabel Zumalave(58)	Callao	Peru	671	Mean:27.2y (range:14-45y)	Pregnant	0.0	317	303	0	2020/05/01-2020/07/31
Graham N.S.N.(59)	London	UK	313	NA	Adult	NA	180	54	0	2020/03-2020/04/09
Grechukhina Olga(60)	New Haven	US	1567	Median:30y (IQR:25-34y)	Pregnant	0.0	141	44	0	2020/03/03-2020/05/11
Gu. Kim(61)	Daegu	Korea	213	NA	Adult	NA	213	41	0	NA
Guo CX(62)	mainland China	China	341	Median:7y (4 days to 14 years)	Children	53.7	341	20	0	2020/1/15-2020/3/15
Han RD(63)	Haozhou	China	108	Median:42y (range: 5-86y)	Adult	48.2	108	17	0	2020/01/21-2020/03/05
He M(64)	Beijing	China	35	Mean: 7.1y (±4.2; range:0.5-15y)	Children	51.4	35	4	0	2020/01-2020/06
He WB(65)	Zhuzhou	China	101	Range: 3-88y	Adult	47.5	101	21	0	2020/01/01-2020/05/15

Hu SX(66)	Hunan	China	888	Median: 35y (2-88y)	Adult	44.4	888	36	0	2020/01/01-2020/02/08
Huang DD(67)	Chongqing	China	89	Median: 48.2y (±17.9)	Adult	58.0	89	6	0	2020/01/22-2020/02/17
IH Huerta Saenz(68)	Lima	Peru	41	Mean:32.3y	Pregnant	0.0	41	28	0	2020/03/24-2020/05/07
Ipekci A(69)	Istanbul	Turkey	87	Mean: 51.27y(±6.45)	Adult	72.5	51	4	0	2020/03/20-2020/04/01
Irene Petersen(70)	UK	UK	36061	NA	Adult	NA	115	88	0	2020/04/26-2020/06/27
Jennifer S. Singer(71)	LA	US	4751	Median:58y	Adult	50.0	18	10	0	2020/04/07-2020/05/21
Jeong SJ(72)	Seoul	South Korea	234	Mean: 37.78y (±15.57)	Adult	39.7	234	66	0	2020/03/15-2020/04/10
Jha S(73)	NA	India	3667	IQR: 18-40y	Adult	52.1	20	10	0	2020/03/23-2020/04/30
Ji GH(74)	Jingzhou	China	45	Mean: 45.4y(range: 21-67y)	Adult	60.0	45	3	0	2020/1/19-2020/2/1
Ji T(75)	Huangshi,Wuhan	China	51021	NA	Adult	NA	51021	50	0	2020/01/10-2020/03/27
Jia CY(76)	Beijing	China	60	Median: 59.5y (28-91y)	Adult	40.0	60	1	0	2020/01/20-2020/02/20
Jiang CH(77)	Wuhan	China	214	Median:51y(range: 11-82y)	Adult	40.0	214	26	0	2020/02/05-2020/03/10
Jiang R(78)	Guangzhou	China	25	Mean: 44.2y (range:12-86y)	Adult	44.0	25	1	0	2020/01/25-2020/03/25
Jibrin YB(79)	Bauchi	Nigeria	84	Mean: 41.0y(±10.5)	Adult	72.0	84	49	0	2020/03/01-2020/06/30
Jin MH(80)	Huzhou	China	10	Median: 32y (range: 0.58-56y)	Adult	50.0	10	1	0	2020/01/25-2020/02/07
Jung CY(81)	South Korea	South Korea	10237	Mean: 45y (±19.8)	Adult	39.9	10237	6350	0	2020/01/24-2020/04/09
Kang M(82)	Shenzhen, Guangzhou, Foshan, Yangjiang, Shaoguan	China	37	Median: 58y (range:10-78y)	Adult	49.0	37	2	0	2020/01/12-2020/01/23

Kasper MR(83)	Theodore Roosevelt aircraft carrier	US	4779	Mean: 27y	Adult	78.3	1331	572	0	2020/03/23-2020/05/18
Ke B(84)	Chongqing	China	25	Median: 11.0y (range: 0.6-17y)	Children	56.0	25	8	0	2020/1/19-2020/3/12
Kenu E(85)	NA	Ghana	17736	Median:33y (IQR: 0.1-85y)	Adult	57.8	17763	14242	0	2020/03/12-2020/06/30
Ki M(86)	Seoul, Goyang, Siheung, Bucheon, Gwangju, Suwon, Incheon, Pyeongtaek, Gunsan, Guri, Naju, Evacuated from Wuhan	South Korea	28	Median: 42y (range: 20-73y)	Adult	54.0	28	3	0	2020/01/20-2020/02/10
Kirenga Bruce(87)	Entebbe	Uganda	56	Mean:34.2y (±15.5; range:25-43y)	Adult	67.9	56	32	0	till 16 May 2020
Kong WF(88)	Sichuan	China	511	Range:1 month to 87 years	Adult	55.0	511	100	0	2020/01/25-2020/02/20
Krajcar N(89)	NA	Croatia	289	Median:10y (IQR: 4.6-15.7y)	Children	43.1	230	95	0	2020/03/12-2020/07/19
Kristin J. Meyers(90)	Indianapolis Metropolitan	US	2953	Mean:48.1y (±16.3)	Adult	36.3	91	81	23	2020/04/07-2020/05/16
Kumar R(91)	New Delhi	India	231	Mean: 39.8y(±13.6)	Adult	78.3	231	108	0	2020/03/20-2020/04/30
Ladhani Shamez N(92)	London	UK	264	Median:47y(IQR:35-56y)	Adult	21.9	105	67	21	2020/04/10-2020/04/13
Lai XQ(93)	Wuhan	China	110	Median: 36.5y (30.0-47.0y)	Adult	28.0	110	3	0	2020/1/1-2020/2/9
Le TQM(94)	Vinh Phuc Province, Thanh Hoa Province	Vietnam	12	Median: 30y (range: 0.25-55y)	Adult	33.0	12	1	0	2020/01/21-2020/01/27
Lee YH(95)	Daegu	South Korea	632	Mean: 40.6y (±17.3)	Adult	32.0	632	557	186	2020/03/02-2020/04/30
Lei MY(96)	Guizhou	China	146	NA	Adult	NA	146	25	0	2020/01/21-2020/03/10
Lewis Megan(97)	Texas	Mexico	231	Median:22y (range:19-62y)	Adult	55.0	64	14	0	2020/03/26-2020/04/05

Li CY(98)	Xuzhou	China	7	Median: 42y (range: 21-62y)	Adult	57.0	7	1	0	2020/01/25-2020/01/31
Li J(99)	NA	Singapore	39	NA	Children	60.0	39	15	0	2020/01-2020/05
Li W(100)	Zhuhai	China	5	Median: 3y (1.4-6y)	Children	80.0	5	4	0	2020/01/28-2020/02/08
Li Y(101)	Wuhan	China	53	Mean: 58y (range: 26-83)	Adult	55.0	51	1	0	2020/01/23-2020/01-29
Li Y(102)	Wuhan	China	127	Median: 6y(range:0.17-15y)	Children	57.0	127	21	0	2020/1/28-2020/3/12
Li YL(103)	Hubei	China	252	Median:46y(range: 8-65y)	Adult	49.6	252	74	0	2020/02/22-2020/03/08
Liao XN(104)	wuhan	China	42	Median:51.6y (22-69y)	Adult	69.0	42	5	0	2020/01/16-2020/02/18
Lin S(105)	Shanghai	China	161	Median:45y(range:1-84y)	Adult	49.7	161	6	0	till 2020/02/17
Lin XM(106)	Zhaoqing	China	23	Range: 3-65y	Adult	56.5	23	4	0	2020/01/23-2020/05/06
Lin ZF(107)	Yichang	China	205	Median: 56.0y (range: 1.25-88y)	Adult	55.0	205	15	0	2020/01/24-2020/03/09
Liu B(108)	Shunde	China	9	Range: 21-61y	Adult	44.4	9	2	0	2020/01/22-2020/02/20
Liu BM(109)	Wuhan	China	68	Mean: 44.3y (±16.4)	Adult	37.0	68	36	0	2020/2/7-2020/3/26
Liu BY(110)	Zhejiang	China	91	Mean: 33.66y (range: 7-73y)	Adult	53.0	91	43	0	2020/03/01-2020/04/07
Liu DH(111)	Wuhan	China	15	Mean: 32y (range:23-40y)	Pregnant	0.0	15	2	0	2020/01/20-2020/02/10
Liu F(112)	Hangzhou	China	10	Median: 42y (34-50y)	Adult	40.0	10	1	0	2020/01/22-2020/02/22
Liu F(113)	Wuhan	China	44	Mean: 30y (range:22-43y)	Pregnant	0.0	16	7	0	2020/01/11-2020/02/13
Liu GT(114)	Ningxia	China	70	Mean: 40y (range: 3-77y)	Adult	53.0	70	10	0	2020/01/22-2020/02/17

Liu MQ(115)	Chongqing	China	5	Median: 5.2y (range: 0.58-13y)	Children	60.0	5	3	0	NA
Liu X(116)	Chenzhou	China	5	Mean: 30y (range:2.5-56y)	Adult	40.0	5	1	0	2020/01/31-2020/02/06
Liu XX(117)	Hefei	China	105	Median: 45y (range: 21-87 years)	Adult	0.0	105	24	0	till 2020/03/06
	Hefei	China	7	Median: 10y (range: 5-10y)	Children	NA	7	4	0	till 2020/03/06
Liu YL(118)	Hubei, Fujian, Shanxi, Beijing, Guangdong, Jiangxi, Heilongjiang, Anhui	China	12	Median: 30y (22-36)	Pregnant	0.0	13	1	0	2019/12/08-2020/02/25
Liu YX(119)	Shenzhen	China	12	Median: 62.5y (range: 10-72y)	Adult	67.0	12	1	0	2020/01/11-2020/01/20
Liu ZR(120)	Anhui	China	15	Median: 42y (range:14-84y)	Adult	47.0	15	2	0	2020/02/04-2020/02/12
Lu RF(121)	Nantong	China	28	Median: 50y (range: 26-73y)	Adult	61.0	28	1	0	2020/1/23-2020/2/26
Lu XX(122)	Wuhan	China	1391	Median: 6.7y (range: 0-15y)	Children	61.0	171	27	0	2020/01/28-2020/02/26
Lu Y(123)	Guangzhou	China	9	Mean: 7.8y (range: 0.17-15y)	Children	56.0	9	1	0	2020/1/22-2020/2/9
Lucy Rivett(124)	UK	UK	1270	NA	Adult	0.0	61	31	24	2020/04/06-2020/04/24
Luo SH(125)	Anqing	China	83	NA	Adult	NA	83	8	7	till 2020/02/21
M.M. Arons(126)	King County	US	76	Mean: 78.6y (±9.5)	Adult	NA	48	27	24	2020/3/3-2020/3/26
Ma MM(127)	Guangzhou	China	347	Median: 48y	Adult	49.8	361	14	0	till 2020/03/11
Ma Y(128)	Jinan	China	47	Median: 34y (range: 1-72y)	Adult	43.0	47	11	0	2020/1/23-2020/3/10
Ma YL(129)	Wuhan	China	115	Range: 1.67-5y	Children	64.0	115	61	0	NA

MacIntyre CR(130)	NA	Japan	565	NA	Adult	NA	8	5	0	2020/01/29-2020/01/31
Mahesh C. Patel(131)	DuPage, Illinois	US	126	Median:82y(IQR:75-92y)	Adult	31.0	35	13	0	2020/03/11-2020/03/15
Martin C(132)	Brussels	Belgium	326	Mean: 36y (range: 21-59y)	Adult	24.0	41	31	0	2020/04/15-2020/05/18
Maru Sheela(133)	New York	US	124	Mean: 30.2y	Pregnant	0.0	46	33	0	2020/03/29-2020/04/22
McMichael TM(134)	King County	US	167	Median: 72y (range: 21-100y)	Adult	33.0	167	7	0	2020/02/28-2020/03/18
Mei X(135)	Shanghai	China	494	Median:40y(6-88y)	Adult	53.8	494	39	8	2020/01/20-2020/03/31
Michael J. Fassett(136)	Southern California	US	3923	Mean: 31.2y (±5.29)	Pregnant	0.0	17	17	1	2020/04/06-2020/05/11
Michel Bielecki(137)	Swiss Army Base in Airolo	Switzerland	508	Median: 21y (18-28y)	Adult	92.0	228	126	0	2020/3/11-2020/5/3
Miyamae Y(138)	Tokyo	Japan	23	Median: 67y (29-79y)	Adult	43.0	23	15	0	2020/02/18-2020/02/25
Mohammed A M Ahmed(139)	Somalia	Somalia	182	Mean: 22y (±4)	Adult	66.0	49	16	0	2020/4/23-2020/5/7
Moon SS(140)	Gyeongsangbuk-do	South Korea	352	Mean: 56 y (range: 14–95y)	Adult	40.9	352	81	0	2020/02/18-2020/06/30
Moriarty LF(141)	Yokohama	Japan	3711	Range: 29-73y	Adult	55.0	712	331	0	2020/02/05-2020/02/20
Nagler AR(142)	Long Island, Brooklyn, Long Island	US	14746	NA	Adult	NA	1905	536	0	2020/03/25-2020/05/18
Niccolò Parri(143)	Italy	Italy	170	Median:3.75y (IQR:4 months-10.7y)	Children	56.0	170	29	0	2020/03/02-2020/05/02
Niu YL(144)	Suqian	China	13	Mean: 32.3y (range: 12-48y)	Adult	46.0	13	3	0	2020/01/25-2020/03/03
Oduro-Mensah E(145)	NA	Ghana	275	Mean: 40.7y±16.4	Adult	54.5	275	142	0	2020/03-2020/05
Ou JM(146)	Fujian	China	298	Median: 42y (range: 0.42-93y)	Adult	55.0	298	3	0	till 2020/02/21

Pan XQ(147)	Wenzhou	China	64	Mean: 48.8y (±12.9)	Adult	61.0	64	6	0	2020/02/05-2020/02/20
Pérez-GarcíaF(148)	Madrid	Spain	2963	NA	Adult	24.7	884	345	0	2020/03-2020/05
Pongpirul W(149)	NA	Thailand	193	Median: 37y (IQR: 29–53y)	Adult	58.5	193	13	3	2020/01/08-2020/04/16
Pongpirul WA(150)	Bangkok	Tailand	11	Median: 61y (range: 28-74y)	Adult	55.0	11	1	0	2020/01/08-2020/01/31
Qiu CF(151)	Hunan	China	104	Mean:43y (±7.54)	Adult	47.1	104	5	0	2020/01/22-2020/02/12
Redditt V(152)	Toronto	Canada	60	Mean: 36.0y(±10.0)	Adult	80.0	25	7	3	2020/4/20
Roman G. Shmakov(153)	Moscow	Russia	66	Mean:30.3y (±6.25)	Pregnant	0.0	66	15	0	NA
Rubbi I(154)	Ravenna	Italy	93	Mean: 45.96y ± 10.71	Adult	29.0	93	9	0	2020/03/25-2020/05/05
Salim Mattar(155)	Colombia	US	686	Mean:43y (range:1-95y)	Adult	NA	35	18	0	2020/04/09-2020/05/16
Seong Eun Kim(156)	NA	Korea	71	Median: 31y (17.8-55.8y)	Adult	46.0	71	13	3	NA
Shaher M. Samrah(157)	Jordan	Jordan	81	Mean:39.95y (±16.59; range:18-80y)	Adult	45.7	81	37	0	2020/03/17-2020/04/02
She X(158)	Suining	China	9	Mean: 29y (range: 24-35y)	Adult	33.0	9	1	0	2020/01/20-2020/02/12
Son H(159)	Busan	South Korea	18303	NA	Adult	45.4	108	12	0	2020/02/21-2020/03/24
Song W(160)	Xiangyang	China	16	Median: 8.5y range:0.96-14y)	Children	63.0	16	8	0	2020/01/01-2020/03/17
Song YS(161)	Zhengzhou	China	17	Mean:47y (range: 12-83y)	Adult	58.8	17	1	0	2020/02-2020/03
Spiteri G(162)	NA	Belgium, Finland, France, Germany, Italy, Russia, Spain,Sweden	38	Median: 42y (2-81y)	Adult	66.0	38	2	0	2020/01/17-2020/02/21

Sun DF(163)	Jiaying	China	30	Mean: 49y (range: 30-71y)	Adult	50.0	30	1	0	2020/01/24-2020/02/06
Sun WW(164)	Zhejiang	China	391	NA	Adult	41.0	391	54	0	2020/01/08-2020/02/06
Sun Z(165)	Anhui	China	21	Mean: 40.52y (± 17.14)	Adult	52.0	21	4	0	2020/01/23-2020/03/08
Tang A(166)	Zhoushan	China	10	Mean: 50.9y (range: 28-67y)	Adult	70.0	10	5	5	till 2020/02/17
Tang Olive(167)	Baltimore	US	1970	Median:73.9y (IQR:21.9-105.4y)	Adult	57.0	752	424	0	2020/03/01-2020/06/12
Thiel SL(168)	NA	Liechtenstein	95	Median: 39y (IQR: 28-56y)	Adult	51.6	95	2	0	2020/03/02-2020/04/23
Tian SC(169)	Liaocheng	China	37	Mean:44.3y (± 1.67)	Adult	45.9	37	7	0	NA
Tian SJ(170)	Beijing	China	262	Median: 47.5y (range: 1-94y)	Adult	49.0	262	13	0	till 2020/02/10
Timothy J. Judson(171)	San Francisco	US	1129	NA	Adult	NA	1129	315	0	NA
Tolia VM(172)	San Diego	US	283	NA	Adult	53.0	29	2	0	2020/03/10-2020/03-19
Tong H(173)	Bengbu	China	24	Mean: 53y (range: 17-74y)	Adult	63.0	24	4	0	2020/01/10-2020/02/15
Tong ZD(174)	Zhoushan	China	7	Median: 28.5y (12-45y).	Adult	43.0	7	3	0	2020/1/1
Treibel TA(175)	London	UK	1523	NA	Adult	NA	1523	65	0	since2020/3/23
Tsou Tsung-Pei(176)	Taiwan	China	100	Median:44y(range:11-88y)	Adult	44.0	100	10	0	2020/01/11-2020/03/16
Viktoriya London(177)	New York	US	156	Range:24.5-34.8y	Pregnant	0.0	68	22	0	2020/03/15-2020/04/15
Wan R(178)	Hunan	China	78	NA	Adult	NA	78	2	0	NA
Wang AH(179)	Chongqing	China	29	Mean: 48.19y (range: 3-89y)	Adult	64.0	90	3	0	till 2020/03/01

Wang D(180)	Chongqing	China	576	Mean: 54.79y	Adult	41.0	61	38	0	2020/1/24-2020/3/10
Wang JC(181)	Nanjing	China	52	Mean: 44y (range: 13-73y)	Adult	56.0	52	2	0	2020/01/19-2020/02/03
Wang KS(182)	Pingyang	China	138	Median: 48y (33-68y)	Adult	22.0	9	3	0	2020/01/19-2020/02/03
Wang L(183)	Zibo	China	244	Range: 23-84y	Adult	68.8	16	2	0	2020/01/10-2020/02/14
Wang LZ(184)	Liaocheng	China	26	Median:42y(IQR:34-53y)	Adult	42.3	26	7	0	2020/01/31-2020/02/12
Wang S(185)	Yichang	China	738	Range: 0.58-91y	Adult	51.0	70	70	0	2020/02/11-2020/02/23
Wang T(186)	Jilin	China	50	Mean: 44.52y (range: 16-87y)	Adult	60.0	50	1	0	2020/01/28-2020/02/21
Wang XB(187)	Wuhan	China	1012	Median:50y(IQR:39-58y;range:16-89y)	Adult	52.0	1012	30	16	2020/02/07-2020/02/12
Wang XL(188)	Beijing	China	7432	Median:39y(IQR:27-56y)	Adult	45.8	602	17	0	2020/01/19-2020/04/02
Wang ZQ(189)	Wuhan	China	30	Median:29.9y (26.8–33.3y)	Pregnant	0.0	13	8	0	2019/12/08-2020/04/01
Waya JLL(190)	NA	South Sudan	1330	Mean: 37.1y	Adult	77.0	1330	1104	0	2020/04/05-2020/06/03
Wong HYF(191)	Hongkong	China	64	Mean: 56y (range: 16-96y)	Adult	41.0	64	9	0	2020/1/1-2020/3/31
Wong J(192)	NA	Brunei Darussalam	135	Median: 36y (range:0.5–72y)	Adult	60.7	135	54	13	2020/03/09-2020/04/05
Wu GY(193)	Wenzhou	China	104	Mean: 45y (±13)	Adult	57.0	104	2	0	2020/01/17-2020/02/04
Wu HP(194)	Jiangxi	China	23	Range: 0.25-17.67y	Children	39.0	23	3	0	2020/01/21-2020/02/29
Wu QR(195)	Ganzhou	China	55	Mean: 45.22y (range: 0.25-79y)	Adult	51.0	55	2	0	2020/1/23-2020/3/2
Wu XQ(196)	Wuhan	China	23	Median: 29y (21-37)	Pregnant	0.0	23	15	0	2019/12/31-2020/03/07

Wu Y(197)	Nantong	China	23	Median: 48y (26-68y)	Adult	65.0	23	1	0	NA
Wu YL(198)	Chengde	China	8	Range: 22-56y	Adult	50.0	8	7	0	2020/1/24-2020/3/31
Xiang TX(199)	Jiangxi	China	49	Mean: 42.9y (18-78y)	Adult	NA	49	3	0	2020/1/21-2020/1/27
Xie JW(200)	Chongqing	China	6	Median: 46y (40-67y)	Adult	67.0	6	3	2	2020/01/29-2020/02/03
Xie YB(201)	Yongjia	China	39	Median: 52y (22-87y)	Adult	56.0	39	5	0	2020/01/20-2020/02/10
Xu HM(202)	Chongqing,Shanxi,Guizhou,Sichuan	China	32	Mean:8.7y (±4.7)	Children	53.0	32	6	0	2020/01/24-2020/02/12
Xu S(203)	Wuhan	China	34	Range: 20-40y	Pregnant	0.0	34	5	0	2020/01/15-2020/03/15
Xu TM(204)	Changzhou	China	51	NA	Adult	33.0	51	6	0	2020/1/23-2020/2/18
Yan XQ(205)	Hunan	China	218	Median:43y(IQR:32-52y)	Adult	NA	218	24	0	2020/01/21-2020/06/27
Yang K(206)	Nanjing	China	57	Median: 37y (range: 5-97y)	Adult	51.0	57	13	0	NA
Yang NB(207)	Ningbo	China	12	Median:33y	Adult	30.0	12	2	0	2020/01/25-2020/02/28
Yang RR(208)	Wuhan	China	78	Median: 37y (26-45y)	Adult	33.0	78	33	0	2019/12/24-2020/02/24
Yang YL(209)	Chongqing	China	8	Median: 53y (range: 9-67y)	Adult	63.0	8	1	0	2020/02/01-2020/02/16
Yang YX(210)	Chibi	China	88	Range: 10-89y	Adult	60.0	88	1	0	2020/01-2020/02
Yao QD(211)	Wuhan	China	45	Mean: 47.7y (range: 25-88y)	Adult	36.0	45	1	0	2020/01/25-2020/02/22
Yao XY(212)	Baotou	China	7	Median: 51y (36-68y)	Adult	43.0	7	1	1	2020/02/01-2020/02/08
Yayla Burcu Ceylan Cura(213)	NA	Turkey	220	Median:10y(range: 0-17y)	Children	48.2	220	55	0	2020/03/11-2020/06/23

Ye XX(214)	Yongjia	China	17	Median: 48.8y (31-87y)	Adult	65.0	14	2	0	2020/01/24-2020/02/09
Ye Y(215)	Henan	China	1272	NA	Adult	NA	1272	113	0	till 2020/03/09
Yu FT(216)	Beijing	China	127	Median: 40y (range: 0.5-92y)	Adult	50.0	77	2	0	2020/02/05-2020/02/19
Yu JX(217)	Hangzhou	China	87	Mean: 42.89y (±17.02; range:4-88y)	Adult	46.0	87	2	0	2020/1/21-2020/2/12
Yu X(218)	Guangxi	China	108	Median: 41y (range: 0.25-85y)	Adult	40.0	108	3	0	2020/02/06-2020/04/16
Yuan L(219)	Wuhan	China	28	Mean: 29.75y (±3.5)	Pregnant	0.0	28	15	0	2020/01/30-2020/03/14
Yue HM(220)	Gansu	China	86	Median:41y(IQR:31-54.3y)	Adult	44.2	86	15	0	2020/01/21-2020/02/11
Zeng J(221)	Sichuan	China	24184	NA	Adult	NA	226	1	0	NA
Zeng WZ(222)	Yongzhou	China	44	Mean: 39.1y (±14.5)	Adult	64.0	44	6	0	2020/01/21-2020/03/05
Zhai HL(223)	Fuyang	China	11	Mean: 11.76y (range: 0.33-17y)	Children	64.0	11	1	0	2020/01/22-2020/02/24
Zhan H(224)	Shiyan	China	6	Median: 8.5y (range: 0.5-11y)	Children	50.0	6	1	0	2020/2/1
Zhan T(225)	Wuhan	China	405	Median:56y(17-95y)	Adult	45.9	405	12	0	2020/01/12-2020/03/08
Zhang JJ(226)	Beijing	China	5	NA	Adult	NA	5	1	0	2020/01/24-2020/02/29
Zhang KY(227)	Kunming	China	11	Mean: 42y (range: 8-67y)	Adult	45.0	11	3	0	2020/01/26-2020/02/20
Zhang L(228)	Anhui	China	33	Mean:9.59y (±5.12)	Children	48.5	33	8	0	till 2020/02/16
Zhang R(229)	Liaoning	China	2784	NA	Adult	49.0	67	9	0	2020/01/22-2020/02/29
Zhang Y(230)	NA	China	41	Mean:5.93y(range:0.5-14y)	Children	73.2	41	9	0	2020/01-2020/02

Zhang YC(231)	Nanjing, Xuzhou	China	21	Median:25y (range: 10-61y)	Adult	60.0	21	5	0	2020/01/25-2020/03/18
Zhang YD(232)	Qinghai	China	18	Range: 7-47y	Adult	67.0	18	7	6	2020/01/24-2020/02/05
Zhao L(233)	Shijiazhuang	China	30	NA	Adult	63.0	30	9	0	2020/01/21-2020/02-25
Zhong ZM(234)	Wuhan, Nanning, Liuzhou	China	193	Mean: 48.1y (range: 3-95y)	Adult	58.0	193	46	0	2020/01/03-2020/03/04
Zhou H(235)	Qijing	China	13	Mean: 28y (±11.83)	Adult	46.0	13	2	0	2020/01/23-2020/02/27
Zhou JL(236)	Xinyang	China	149	Mean: 52y (±15.48)	Adult	57.1	149	10	0	2020/01/13-2020/03/02
Zhou R(237)	Guangzhou	China	31	NA	Adult	NA	31	9	0	2020/01/23-2020/03/03
Zhu JF(238)	Shanxi, Qinghai, Tibet, Xinjiang, Ningxia, Gansu, Inner Mongolia, Hubei	China	617	Median:42y(1 to 94 years)	Adult	52.0	617	82	0	2020/01/21-2020/03/11
Zhu MR(239)	Shanghai	China	77	Range: 14-62y	Adult	70.1	77	14	0	2020/03/14-2020/07/03
Zhu SQ(240)	Shenzhen	China	417	Mean: 45.3y (range:1-86y)	Adult	47.0	417	11	11	2020/01/01-2020/02/14

Reference

1. Abeysuriya S, Wasif S, Counihan C, Shah N, Iliodromiti S, Cutino-Moguel MT, et al. Universal screening for SARS-CoV-2 in pregnant women at term admitted to an East London maternity unit. *European journal of obstetrics, gynecology, and reproductive biology*. 2020;252:444-6.
2. Adedeji IA, Abdu YM, Bashir MF, Adamu AS, Gwarzo GD, Yaro BS, et al. Profile of children with COVID-19 infection: a cross sectional study from North-East Nigeria. *The Pan African medical journal*. 2020;35(Suppl 2):145.
3. Adetola HH, Ishola D, Afolabi MO, Bangura J, Sesay IG, Pearce R, et al. Clinical presentations and management of COVID-19 infected children seen in a district health facility in Kambia, northern Sierra Leone. *The Pan African medical journal*. 2020;37(Suppl 1):28.
4. Aherfi S, Raoult D, La Scola B, Gautret P, Chaudet H. Clusters of COVID-19 associated with Purim celebration in the Jewish community in Marseille, France, March 2020. *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*. 2020;100:88-94.
5. Almazeedi S, Al-Youha S, Jamal MH, Al-Haddad M, Al-Muhaini A, Al-Sabah S, et al. Characteristics, risk factors and outcomes among the first consecutive 1096 patients diagnosed with COVID-19 in Kuwait. *EclinicalMedicine*. 2020;24:100448.
6. Alshahrani MS, Alnimr A, Alnassri S, Alfarag S, Aljehani Y, Alabdali M. Prevalence of the sars-cov-2 infection among post-quarantine healthcare workers. *Journal of Multidisciplinary Healthcare*. 2020;13:1927-36.
7. Alshukry A, Ali Y, Bader AA, Abbas MB, Dashti AA, Ali H, et al. Clinical characteristics of coronavirus disease 2019 (COVID-19) patients in Kuwait. *PLoS ONE*. 2020;15(11 November):e0242768.
8. Alsofayan YM, Althunayyan SM, Khan AA, Hakawi AM, Assiri AM. Clinical characteristics of COVID-19 in Saudi Arabia: A national retrospective study. *Journal of infection and public health*. 2020;13(7):920-5.
9. Ing AJ, Cocks C, Green JP. COVID-19: in the footsteps of Ernest Shackleton. *Thorax*. 2020;75(8):693-4.
10. Dora AV, Winnett A, Jatt LP, Davar K, Watanabe M, Sohn L, et al. Universal and serial laboratory testing for SARS-CoV-2 at a long-term care skilled nursing facility for veterans—Los Angeles, California, 2020. *Morbidity and Mortality Weekly Report*. 2020;69(21):651.
11. An Y, ROng D, Shan Y. Comparison of chest radiograph images between suspected and confirmed cases of COVID-19. *Journal of Capital Medical University*. 2020;41 (4):608-12.
12. Lombardi A, Consonni D, Carugno M, Bozzi G, Mangioni D, Muscatello A, et al. Characteristics of 1573 healthcare workers who underwent nasopharyngeal swab testing for SARS-CoV-2 in Milan, Lombardy, Italy. *Clinical microbiology and infection*. 2020;26(10):1413. e9-. e13.
13. Antonio-Villa NE, Bello-Chavolla OY, Vargas-Vázquez A, Fermín-Martínez CA, Márquez-Salinas A, Bahena-López JP. Health-care workers with COVID-19 living in Mexico City: clinical characterization and related outcomes. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2020.
14. Arima Y, Kutsuna S, Shimada T, Suzuki M, Suzuki T, Kobayashi Y, et al. Severe acute respiratory syndrome coronavirus 2 infection among returnees to Japan from Wuhan, China, 2020. *Emerging infectious diseases*. 2020;26(7):1596.
15. Ashinyo ME, Akoriyea SK, Duti V, Dubik SD, Amegah KE, Kutsoati S, et al. Clinical

- characteristics, treatment regimen and duration of hospitalization among COVID-19 patients in Ghana: a retrospective cohort study. *The Pan African medical journal*. 2020;37(Supplement 1):9.
16. Atakla HG, Sacca H, Houinato AG, Houinato DS, Noudohounsi MMUD, Salami AY, et al. COVID-19 infection in pediatric subjects: study of 36 cases in Conakry. *The Pan African medical journal*. 2020;37(Supplement 1):42.
 17. Backer JA, Klinkenberg D, Wallinga J. Incubation period of 2019 novel coronavirus (2019-nCoV) infections among travellers from Wuhan, China, 20–28 January 2020. *Eurosurveillance*. 2020;25(5):2000062.
 18. Ma L, Chen Y, Chen XL. [Management protocol and outcome assessment of ruptured intracranial aneurysm emergency surgery during coronavirus disease 2019 pandemic]. *Zhonghua yi xue za zhi*. 2020;100(47):3768-74.
 19. R B, ZH J, H Z, J Z. Analysis on the epidemiological characteristics of an outbreak of coronavirus disease 2019 (COVID – 19) in Xi'an. *Zhonghua Jibing Kongzhi Zazhi*. 2020;24 (5):567-72.
 20. SL B, JY W, YQ Z, Y D. Analysis of the first cluster of cases in a family of novel coronavirus pneumonia in Gansu Province. *Chines Medical association*. 2020.
 21. Sarangi B, Reddy VS, Oswal JS, Malshe N, Patil A, Chakraborty M, et al. Epidemiological and clinical characteristics of COVID-19 in Indian children in the initial phase of the pandemic. *Indian pediatrics*. 2020;57(10):914-7.
 22. Bianco A, Buckley AB, Overbey J, Smilen S, Wagner B, Dinglas C, et al. Testing of Patients and Support Persons for Coronavirus Disease 2019 (COVID-19) Infection Before Scheduled Deliveries. *Obstetrics and gynecology*. 2020;136(2):283-7.
 23. YanFei, Ji P, Liang X. Clinical characteristics of 55 hospitalized patients with COVID-19 in Wuhan, China. *Journal of Guangxi Medical Univeristy*. 2020;37 (2):338-42.
 24. Blain H, Giacosa N, Albrand M, Miot S, Rolland Y, Tuailon E, et al. Efficacy of a Test-Retest Strategy in Residents and Health Care Personnel of a Nursing Home Facing a COVID-19 Outbreak. *Journal of the American Medical Directors Association*. 2020;21(7):933-6.
 25. Böhmer MM, Buchholz U, Corman VM, Hoch M, Katz K, Marosevic DV, et al. Investigation of a COVID-19 outbreak in Germany resulting from a single travel-associated primary case: a case series. *The Lancet Infectious Diseases*. 2020;20(8):920-8.
 26. Breslin N, Baptiste C, Gyamfi-Bannerman C, Miller R, Martinez R, Bernstein K, et al. Coronavirus disease 2019 infection among asymptomatic and symptomatic pregnant women: two weeks of confirmed presentations to an affiliated pair of New York City hospitals. *American journal of obstetrics & gynecology MFM*. 2020;2(2):100118.
 27. Bruminhent J, Kiertiburanakul S, Ruangsubvilai N, Nabhindhakara J, Ingsathit A. Clinical characteristics and risk factors for coronavirus disease 2019 (COVID-19) among patients under investigation in Thailand. *PLoS ONE*. 2020;15(9 September):e0239250.
 28. Cai J, Wang X, Zhao J, Ge Y, Xu J, Tian H, et al. Comparison of Clinical and Epidemiological Characteristics of Asymptomatic and Symptomatic SARS-CoV-2 Infection in Children. *Virologica Sinica*. 2020;35(6):803-10.
 29. Cao J, Wang W, Chen T. Comparative study on CT manifestation in COVID-19 between imported patients and teh second-generation cases. *Medical Journal West China*. 2020;32 (5):628-32.
 30. Felice C, Di Tanna GL, Zanus G, Grossi U. Impact of COVID-19 outbreak on healthcare workers in italy: results from a national E-survey. *Journal of community health*. 2020;45(4):675-83.
 31. Chan JF-W, Yip CC-Y, To KK-W, Tang TH-C, Wong SC-Y, Leung K-H, et al. Improved

- molecular diagnosis of COVID-19 by the novel, highly sensitive and specific COVID-19-RdRp/Hel real-time reverse transcription-PCR assay validated in vitro and with clinical specimens. *Journal of clinical microbiology*. 2020;58(5).
32. Argun Barış S, Coşkun İ S, Selvi G, Boyacı H, Başığit İ. Case Series of COVID-19 Presenting with Massive Hemoptysis. *Turkish thoracic journal*. 2020;21(6):454-6.
 33. J C. Asymptomatic SARS-CoV-2 infection in children: a clinical analysis of 20 cases. *Chinese Journal of Contemporary Pediatrics*. 2020;22 (5):414-8.
 34. Chen T, Jinag Z, XU W, Zhang Q. Clinical features and CT imaging analysis of 76 patients with Corona Virus Disease 2019. *Journal of Jinan University (Natural Science & Medicine Edition)*. 2020;41 (2):157-62.
 35. Chen Y, Wang A, KQ D, HB W, W J. The epidemiological characteristics of infection in close contacts of COVID-19 in Ningbo City. *Chinese Journal of Epidemiology*. 2020;41 (5):668-72.
 36. Chen Y, Shui L, Pang X, Mu H, Wang J, Lang C, et al. Clinical features of coronavirus disease 2019 in Northeast area of Chongqing: analysis of 143 cases. *J Third Mil Med Univ*. 2020;42:549-54.
 37. Cheng Z, Li Y, Duan Y. A preliminary study on the dynamic imaging of chest high resolution CT in patients with mild COVID-19. *Chinese Journal of Radiology*. 2020;54 (6):548-51.
 38. Choe PG, Kang CK, Suh HJ, Jung J, Song K-H, Bang JH, et al. Waning antibody responses in asymptomatic and symptomatic SARS-CoV-2 infection. *Emerging infectious diseases*. 2021;27(1):327-9.
 39. Team C-N. Australia: Epidemiology Report 7: Reporting week ending 19:00 AEDT 14 March 2020. 2020.
 40. Dai Y, Tang N. Clinical analysis of 11 pediatric patients with 2019 corona virus disease in Guangxi. *China Journal of Academic Journal Electronic Publishing House*. 2020;13:1149-52.
 41. Loconsole D, Caselli D, Centrone F, Morcavallo C, Campanella S, Aricò M, et al. SARS-CoV-2 Infection in children in southern Italy: a descriptive case series. *International Journal of Environmental Research and Public Health*. 2020;17(17):6080.
 42. Ding Y, Huang Z. Clinical and imaging characteristics of corona virus disease 2019 (COVID-2019). *Radial Practice*. 2020;35 (2):281-5.
 43. Dong X, Cao Y, Lu X. Eleven faces of coronavirus disease 2019. *Allergy*. 2020.
 44. Dong X, Li J, Bai J, Liu Z, Zhou P, Gao L, et al. Epidemiological characteristics of confirmed COVID-19 cases in Tianjin. *Zhonghua liu xing bing xue za zhi= Zhonghua liuxingbingxue zazhi*. 2020;41(5):638-42.
 45. Yuying D, Qiangdong F, Yueping W, Yulai L, Junpeng X, Jing Y, et al. Analysis in nucleic acid test results of patients with coronavirus disease 2019 in Yangzhou City of Jiangsu Province. *Journal of Clinical in Practice*. 2020;24(5):6-9.
 46. Erinoso OA, Wright KO, Anya S, Adejumo O, Abdur-Razzaq H, Lajide D, et al. Clinical characteristics, predictors of symptomatic coronavirus disease 2019 and duration of hospitalisation in a cohort of 632 Patients in Lagos State, Nigeria. *The Nigerian postgraduate medical journal*. 2020;27(4):285-92.
 47. Eythorsson E, Helgason D, Ingvarsson RF, Björnsson HK, Olafsdóttir LB, Bjarnadóttir V, et al. Clinical spectrum of coronavirus disease 2019 in Iceland: Population based cohort study. *The BMJ*. 2020;371:m4529.
 48. Fakiri KE, Nassih H, Sab IA, Draiss G, Bouskraoui M. Epidemiology and Clinical Features of Coronavirus Disease 2019 in Moroccan Children. *Indian pediatrics*. 2020;57(9):808-10.

49. Fan Y, Chang H. Pathogen detection strategies in different stage of COVID-19 in Lu'an City. *Anhui Journal of Preventive Medicine*. 2020;26:250-2.
50. Feaster M, Goh Y-Y. High proportion of asymptomatic SARS-CoV-2 infections in 9 long-term care facilities, Pasadena, California, USA, April 2020. *Emerging Infectious Diseases*. 2020;26(10):2416-9.
51. Feng X. An analysis of 52 cases with coronavirus disease 2019 in Jiangling District, Jingzhou. *Jiangsu Medical Journal*. 2020;24 (5):6-9.
52. Foster CE, Marquez L, Davis AL, Tocco E, Koy TH, Campbell JR, et al. A Surge in Pediatric Coronavirus Disease 2019 Cases: The Experience of Texas Children's Hospital from March to June 2020. *Journal of the Pediatric Infectious Diseases Society*. 2020.
53. Maechler F, Gertler M, Hermes J, van Loon W, Schwab F, Piening B, et al. Epidemiological and clinical characteristics of SARS-CoV-2 infections at a testing site in Berlin, Germany, March and April 2020—a cross-sectional study. *Clinical Microbiology and Infection*. 2020;26(12):1685. e7-. e12.
54. Gao H. Epidemiological characteristics of coronavirus disease 2019 outbreak in Ganzi Tibetan Autonomous Prefecture, Sichuan. *Disease Surveillance*. 2020;35 (9):793-7.
55. Gao T, He X. Clinical characteristics of COVID-19: an analysis of 11 cases. *China Journal of Clinical Infectious Disease*. 2020;13 (1):25-8.
56. Gautret P, Lagier J-C, Parola P, Meddeb L, Mailhe M, Doudier B, et al. Hydroxychloroquine and azithromycin as a treatment of COVID-19: results of an open-label non-randomized clinical trial. *International journal of antimicrobial agents*. 2020;56(1):105949.
57. Livingston G, Rostamipour H, Gallagher P, Kalafatis C, Shastri A, Huzzey L, et al. Prevalence, management, and outcomes of SARS-CoV-2 infections in older people and those with dementia in mental health wards in London, UK: a retrospective observational study. *The Lancet Psychiatry*. 2020;7(12):1054-63.
58. Grados IZ, Zavala GB, Yauri MA, Loli LP, Sembrera E, Vasquez A, et al. Characteristics of SARS-CoV-2 infection in pregnant and puerperal women at Callao national hospital, Peru. *Revista Peruana de Ginecología y Obstetricia*. 2020;66(3).
59. Graham NSN, Lai H, Sharp DJ, Junghans C, Downes R, Sendall C, et al. SARS-CoV-2 infection, clinical features and outcome of COVID-19 in United Kingdom nursing homes. *Journal of Infection*. 2020;81(3):411-9.
60. Grechukhina O, Greenberg V, Lundsberg LS, Deshmukh U, Cate J, Lipkind HS, et al. Coronavirus disease 2019 pregnancy outcomes in a racially and ethnically diverse population. *Am J Obstet Gynecol MFM*. 2020;2(4):100246.
61. Kim G-u, Kim M-J, Ra SH, Lee J, Bae S, Jung J, et al. Clinical characteristics of asymptomatic and symptomatic patients with mild COVID-19. *Clinical microbiology and infection*. 2020;26(7):948. e1-. e3.
62. Guo C-X, Yang G-P, He L, Bo T, Yin J-Y, Meng X-G, et al. Epidemiological and clinical features of pediatric COVID-19. *BMC Medicine*. 2020;18(1):250.
63. Han R, Ma J. Clinical characteristics of 108 patients with COVID – 19 infection. *Practice Prevent Medicine*. 2020;27 (9):1040-3.
64. He M, Wang C, Xu L, Zhang H, Liu Y, Zhao Y, et al. Epidemiological and clinical characteristics of 35 children with COVID-19 in Beijing, China. *Pediatric Investigation*. 2020;4(4):230-5.
65. He W, Liang Z. Epidemiological characteristics of 101 cases of new coronavirus infection in Zhuzhou City. *Jiangsu Journal of Preventive Medicine*. 2020;31 (6):644-5.

66. Hu S, Xu Q, Luo K. Epidemiological characteristics of patients with coronavirus disease 2019 in Hunan province. *Practice Prevent Medicine*. 2020;27 (4):385-8.
67. Zou X, Wu YS, Liu XJ, Huang SL, He JF, Zhao J, et al. [Evaluation of the emergency response strategies and measures on the epidemic of COVID-19 in Shenzhen, China]. *Zhonghua liu xing bing xue za zhi = Zhonghua liuxingbingxue zazhi*. 2020;41(8):1225-30.
68. Huerta Saenz IH, Elías Estrada JC, Campos Del Castillo K, Muñoz Taya R, Coronado JC. Características materno perinatales de gestantes COVID-19 en un hospital nacional de Lima, Perú. *Revista Peruana de Ginecología y Obstetricia*. 2020;66(2).
69. Ipekci A, Akdeniz YS, Ozkan S, Tutar O, Sirolu S, Simsek O. The clinical and computed tomography findings of patients with COVID-19. *Signa Vitae*. 2020;16(1):173-8.
70. Petersen I, Phillips A. Three quarters of people with SARS-CoV-2 infection are asymptomatic: analysis of English household survey data. *Clinical Epidemiology*. 2020;12:1039.
71. Singer JS, Cheng EM, Murad DA, Maurice AdS, Hines OJ, Uslan DZ, et al. Low prevalence (0.13%) of COVID-19 infection in asymptomatic pre-operative/pre-procedure patients at a large, academic medical center informs approaches to perioperative care. *Surgery*. 2020;168(6):980-6.
72. Jeong SJ, Sohn Y, Hyun JH, Baek YJ, Cho Y, Kim JH, et al. Clinical characteristics and online mental health care of asymptomatic or mildly symptomatic patients with coronavirus disease 2019. *PLoS ONE*. 2020;15(11 November):e0242130.
73. Jha S, Soni A, Siddiqui S, Batra N, Goel N, Dey S, et al. Prevalence of Flu-like Symptoms and COVID-19 in Healthcare Workers from India. *The Journal of the Association of Physicians of India*. 2020;68(7):27-9.
74. Zhang JZ, Zhou P, Han DB, Wang WC, Cui C, Zhou R, et al. [Investigation on a cluster epidemic of COVID-19 in a supermarket in Liaocheng, Shandong province]. *Zhonghua liu xing bing xue za zhi = Zhonghua liuxingbingxue zazhi*. 2020;41(12):2024-8.
75. Ji T, Chen H-L, Xu J, Wu L-N, Li J-J, Chen K, et al. Lockdown contained the spread of 2019 novel coronavirus disease in Huangshi city, China: Early epidemiological findings. *Clinical Infectious Diseases*. 2020;71(6):1454-60.
76. Jia C, Zhao D, Feng J. Analysis of imaging feature and evolvement characteristic of severe COVID-19. *Beijing Medical Journal*. 2020:489-92.
77. Jiang C, Hu M, Wen L, Wang Y, Li G, Wen C, et al. Antibody seroconversion in asymptomatic and symptomatic patients infected with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). *Clinical and Translational Immunology*. 2020;9(9):e1182.
78. Jiang R. CT findings and outcome with family clustering COVID-19 in 8 families. *Electronic Journal of Emerging Infectious Diseases*. 2020;5 (2):87-90.
79. Jibrin YB, Maigari IM, Dunga JA, Umar MS, Mohammed A, Okwong OK, et al. Clinical and laboratory characteristics of COVID-19 among adult patients admitted to the isolation centre at Abubakar Tafawa Balewa Teaching Hospital Bauchi, Northeast Nigeria. *The Pan African medical journal*. 2020;37(Supplement 1):27.
80. Jin M, Shen J, Fu Y. Epidemiological characteristics of coronavirus disease 2019 in Huzhou. *Preventive Medicine*. 2020;32 (5):433-6.
81. Jung C-Y, Chang TI, Park H, Kim DW, Choi YJ, Kim SW. Clinical Characteristics of Asymptomatic Patients with COVID-19: A Nationwide Cohort Study in South Korea. *International Journal of Infectious Diseases*. 2020;99:266-8.
82. Kang M, Wu J, Ma W, He J, Lu J, Liu T, et al. Evidence and characteristics of human-to-human

- transmission of SARS-CoV-2. medRxiv. 2020:2020.02.03.20019141.
83. Kasper MR, Gillingham BL, Geibe JR, Riegodedios AJ, Luse T, von Thun AM, et al. An outbreak of covid-19 on an aircraft carrier. *New England Journal of Medicine*. 2020;383(25):2417-26.
 84. Bai K, Liu W, Liu C, Fu Y, Hu J, Qin Y, et al. Clinical analysis of 25 COVID-19 infections in children. *The Pediatric infectious disease journal*. 2020;39(7):e100-e3.
 85. Kenu E, Odikro MA, Malm KL, Asiedu-Bekoe F, Noora CL, Frimpong JA, et al. Epidemiology of COVID-19 outbreak in Ghana, 2020. *Ghana Med J*. 2020;54(4):5-15.
 86. Ki M. Epidemiologic characteristics of early cases with 2019 novel coronavirus (2019-nCoV) disease in Korea. *Epidemiology and health*. 2020;42.
 87. Kirenga B, Muttamba W, Kayongo A, Mugenyi L, Nantanda R, Kimuli I, et al. Characteristics and outcomes of admitted patients infected with SARS-CoV-2 in Uganda. *BMJ Open Respiratory Research*. 2020;7(1):000646.
 88. Kong W, Wang Y, Pu H, Hu J, Chughtai A. Comparison of clinical and epidemiological characteristics of asymptomatic and symptomatic SARS-CoV-2 infection: A multi-center study in Sichuan Province, China. *Travel Medicine and Infectious Disease*. 2020;37:101754.
 89. Krajcar N, Marić LS, Šurina A, Filipović SK, Trkulja V, Roglić S, et al. Epidemiological and clinical features of Croatian children and adolescents with a PCR-confirmed coronavirus disease 2019: differences between the first and second epidemic wave. *Croatian medical journal*. 2020;61(6):491.
 90. Meyers KJ, Jones ME, Botros FT, Knorr J, Manner DH, Woodward B, et al. A cross-sectional community-based observational study of asymptomatic SARS-CoV-2 prevalence in the greater Indianapolis area. *Journal of medical virology*. 2020;92(11):2874-9.
 91. Kumar R, Bhattacharya B, Meena VP, Aggarwal A, Tripathi M, Soneja M, et al. Characteristics and outcomes of 231 COVID-19 cases admitted at a tertiary facility in India: An observational cohort study. *Journal of family medicine and primary care*. 2020;9(12):6267.
 92. Ladhani SN, Chow JY, Janarthanan R, Fok J, Crawley-Boevey E, Vusirikala A, et al. Investigation of SARS-CoV-2 outbreaks in six care homes in London, April 2020. *EClinicalMedicine*. 2020;26:100533.
 93. Lai X, Wang M, Qin C, Tan L, Ran L, Chen D, et al. Coronavirus disease 2019 (COVID-2019) infection among health care workers and implications for prevention measures in a tertiary hospital in Wuhan, China. *JAMA network open*. 2020;3(5):e209666-e.
 94. Le TQM, Takemura T, Moi ML, Nabeshima T, Nguyen LKH, Hoang VMP, et al. Severe acute respiratory syndrome coronavirus 2 shedding by travelers, Vietnam, 2020. *Emerging infectious diseases*. 2020;26(7):1624.
 95. Lee Y-H, Hong CM, Kim DH, Lee TH, Lee J. Clinical course of asymptomatic and mildly symptomatic patients with coronavirus disease admitted to community treatment centers, South Korea. *Emerging infectious diseases*. 2020;26(10):2346.
 96. Lei Y. Characteristics of cluster epidemic of 2019 novel coronavirus disease in Guizhou province. *China Journal of Public Health*. 2020;36 (4):493-7.
 97. Lewis M, Sanchez R, Auerbach S, Nam D, Lanier B, Taylor J, et al. COVID-19 outbreak among college students after a spring break trip to Mexico—Austin, Texas, March 26–April 5, 2020. 2020.
 98. Lin C, Xiang J, Yan M, Li H, Huang S, Shen C. Comparison of throat swabs and sputum specimens for viral nucleic acid detection in 52 cases of novel coronavirus (SARS-Cov-2)-infected pneumonia (COVID-19). *Clinical Chemistry and Laboratory Medicine (CCLM)*. 2020;58(7):1089-94.
 99. Li J, Thoon KC, Chong CY, Maiwald M, Kam KQ, Nadua K, et al. Comparative analysis of

- symptomatic and asymptomatic SARS-CoV-2 infection in children. *Ann Acad Med Singap.* 2020;49(8):530-7.
100. Li W, Cui H, Li K, Fang Y, Li S. Chest computed tomography in children with COVID-19 respiratory infection. *Pediatric radiology.* 2020:1-4.
101. Li Y, Xia L. Coronavirus disease 2019 (COVID-19): role of chest CT in diagnosis and management. *American Journal of Roentgenology.* 2020;214(6):1280-6.
102. Li Y, Deng W, Xiong H, Li H, Chen Z, Nie Y, et al. Immune-related factors associated with pneumonia in 127 children with coronavirus disease 2019 in Wuhan. *Pediatric Pulmonology.* 2020;55(9):2354-60.
103. Li Y, Shi J, Xia J, Duan J, Chen L, Yu X, et al. Asymptomatic and symptomatic patients with non-severe coronavirus disease (COVID-19) have similar clinical features and virological courses: a retrospective single center study. *Frontiers in microbiology.* 2020;11:1570.
104. Liao X. Chest CT features comparison between COVID-19 and bacterial pneumonia. *Medical Journal of Wuhan University.* 2020;41 (3).
105. Lin S, Pan H, Wu H, Yu X, Cui P, Han R, et al. Epidemiological and clinical characteristics of 161 discharged cases with coronavirus disease 2019 in Shanghai, China. *BMC Infectious Diseases.* 2020;20(1):1-10.
106. Lin X, Liu Z. Clinicot analysis of 23 patients with new coronavirus infection. *Journal of Baotou Medical College.* 2020;36 (10):20-3.
107. Lin Z, Shao Y, QP P. Clinical Analysis of 2019 Novel Coronavirus Disease in 205 Cases. *Chinese Journal of Dialysis and Artufucak Organs.* 2020;31 (1):6-9.
108. Liu B, Liang Q. Clinical analysis of 9 imported cases of COVID-19. *Medical Journal of National Defending Forces in Southwest China.* 2020;30 (10):926-9.
109. Liu B, Yang Q, Zhao L, Xie W, Si X. Epidemiological characteristics of COVID-19 patients in convalescence period. *Epidemiology & Infection.* 2020;148.
110. Liu B, Qi X, M J. Epidemiological characteristics of imported COVID-19 cases from abroad to Zhejiang Province. *Preventive Medicine.* 2020;32 (6):550-4.
111. Liu D, Li L, Wu X, Zheng D, Wang J, Yang L, et al. Pregnancy and perinatal outcomes of women with coronavirus disease (COVID-19) pneumonia: a preliminary analysis. *American journal of roentgenology.* 2020;215(1):127-32.
112. Liu F, Xu A, Zhang Y, Xuan W, Yan T, Pan K, et al. Patients of COVID-19 may benefit from sustained lopinavir-combined regimen and the increase of eosinophil may predict the outcome of COVID-19 progression. *International Journal of Infectious Diseases.* 2020;95:183-91.
113. Liu F, Lan W, Gan Q. Clinical and CT features of coronavirus disease in pregnant women. *Radiologic Practice.* 2020;35 (4):417-20.
114. Liu G. Analysis of the characteristics of the novel coronavirus pneumonia in Ningxia. *Journal of Ningxia Medical University.* 2020;42 (2):109-13.
115. Liu M, Song Z, Xiao K. High-resolution computed tomography manifestations of 5 pediatric patients with 2019 novel coronavirus. *Journal of computer assisted tomography.* 2020.
116. Liu X. Report of COVID-19 family clustering epidemic caused by asymptomatic infection. *Chinese Journal of Public Health.* 2020;36 (3):282-4.
117. Liu X, Sun Y. Epidemiological features of COVID-19 in women and children in Heifei City. *Anhui Journal of Preventive Medicine.* 2020;26 (6):415-7.
118. Liu Y, Chen H, Tang K, Guo Y. Clinical manifestations and outcome of SARS-CoV-2 infection

- during pregnancy. *J infect.* 2020;10.
119. Liu Y, Yang Y, Zhang C, Huang F, Wang F, Yuan J, et al. Clinical and biochemical indexes from 2019-nCoV infected patients linked to viral loads and lung injury. *Science China Life Sciences.* 2020;63(3):364-74.
120. Liu Z, Su B, Wu J. Investigation and analysis of a family cluster of COVID – 19 cases. *Chinese Journal of Disease Control & Prevention.* 2020;24 (5).
121. Lu R, Qin J, Wu Y, Wang J, Huang S, Tian L, et al. Epidemiological and clinical characteristics of COVID-19 patients in Nantong, China. *The Journal of Infection in Developing Countries.* 2020;14(05):440-6.
122. Lu X, Zhang L, Du H, Zhang J, Li YY, Qu J, et al. SARS-CoV-2 infection in children. *New England Journal of Medicine.* 2020;382(17):1663-5.
123. Lu Y, Wen H, Rong D, Zhou Z, Liu H. Clinical characteristics and radiological features of children infected with the 2019 novel coronavirus. *Clinical radiology.* 2020;75(7):520-5.
124. Rivett L, Sridhar S, Sparkes D, Routledge M, Jones NK, Forrest S, et al. Screening of healthcare workers for SARS-CoV-2 highlights the role of asymptomatic carriage in COVID-19 transmission. *Elife.* 2020;9:e58728.
125. Luo S, Liu W, Liu Z. Confirmed asymptomatic carrier of SARS-CoV-2. 2020.
126. Arons MM, Hatfield KM, Reddy SC, Kimball A, James A, Jacobs JR, et al. Presymptomatic SARS-CoV-2 infections and transmission in a skilled nursing facility. *New England journal of medicine.* 2020;382(22):2081-90.
127. Ma M, Ma X. Epidemiological characteristics of COVID-19 in Guangzhou. *South China Journal of Preventive Medicine.* 2020;46 (4):380-4.
128. Ma Y, Xu Q-n, Wang F-L, Ma X-m, Wang X-Y, Zhang X-G, et al. Characteristics of asymptomatic patients with SARS-CoV-2 infection in Jinan, China. *Microbes and infection.* 2020;22(4-5):212-7.
129. Ma Y. Clinical features of children with SARS-CoV-2 infection: an analysis of 115 cases. *Chinese Journal of Contemporary Pediatrics.* 2020;22 (4):14.
130. MacIntyre CR. On a knife's edge of a COVID-19 pandemic: is containment still possible. *Public Health Res Pract.* 2020;30(1):3012000.
131. Patel MC, Chaisson LH, Borgetti S, Burdsall D, Chugh RK, Hoff CR, et al. Asymptomatic SARS-CoV-2 infection and COVID-19 mortality during an outbreak investigation in a skilled nursing facility. *Clinical Infectious Diseases.* 2020;71(11):2920-6.
132. Martin C, Montesinos I, Dauby N, Gilles C, Dahma H, Van Den Wijngaert S, et al. Dynamics of SARS-CoV-2 RT-PCR positivity and seroprevalence among high-risk healthcare workers and hospital staff. *Journal of Hospital Infection.* 2020;106(1):102-6.
133. Maru S, Patil U, Carroll-Bennett R, Baum A, Bohn-Hemmerdinger T, Ditchik A, et al. Universal screening for sars-cov-2 infection among pregnant women at Elmhurst hospital center, Queens, New York. *PloS one.* 2020;15(12):e0238409.
134. McMichael TM, Currie DW, Clark S, Pogojans S, Kay M, Schwartz NG, et al. Epidemiology of Covid-19 in a long-term care facility in King County, Washington. *New England Journal of Medicine.* 2020;382(21):2005-11.
135. Mei X, Zhang Y, Zhu H, Ling Y, Zou Y, Zhang Z, et al. Observations about symptomatic and asymptomatic infections of 494 patients with COVID-19 in Shanghai, China. *American Journal of Infection Control.* 2020;48(9):1045-50.

136. Fassett MJ, Lurvey LD, Yasumura L, Nguyen M, Colli JJ, Volodarskiy M, et al. Universal SARS-Cov-2 screening in women admitted for delivery in a large managed care organization. *American journal of perinatology*. 2020;37(11):1110.
137. Bielecki M, Züst R, Siegrist D, Meyerhofer D, Cramer GAG, Stanga Z, et al. Social distancing alters the clinical course of COVID-19 in young adults: A comparative cohort study. *Clinical infectious diseases*. 2021;72(4):598-603.
138. Miyamae Y, Hayashi T, Yonezawa H, Fujihara J, Matsumoto Y, Ito T, et al. Duration of viral shedding in asymptomatic or mild cases of novel coronavirus disease 2019 (COVID-19) from a cruise ship: A single-hospital experience in Tokyo, Japan. *International Journal of Infectious Diseases*. 2020;97:293-5.
139. Ahmed MA, Colebunders R, Fodjo JNS. Evidence for significant COVID-19 community transmission in Somalia using a clinical case definition. *International Journal of Infectious Diseases*. 2020;98:206-7.
140. Moon SS, Park J, Lee K, Yun S, Lee YS, Lee DS. Clinical Characteristics and Mortality Predictors of COVID-19 Patients Hospitalized at Nationally-Designated Treatment Hospitals. *Journal of Korean medical science*. 2020;35(36):e328.
141. Moriarty LF, Plucinski MM, Marston BJ, Kurbatova EV, Knust B, Murray EL, et al. Public health responses to COVID-19 outbreaks on cruise ships—worldwide, February–March 2020. *Morbidity and Mortality Weekly Report*. 2020;69(12):347-52.
142. Nagler AR, Goldberg ER, Aguero-Rosenfeld ME, Cangiarella J, Kalkut G, Monahan CR, et al. Early results from SARS-CoV-2 PCR testing of healthcare workers at an Academic Medical Center in New York City. *Clinical Infectious Diseases*. 2020.
143. Parri N, Masi S, Magista AM, Marchetti F, Cantoni B, Arrighini A, et al. Characteristic of COVID-19 infection in pediatric patients: early findings from two Italian Pediatric Research Networks. *European journal of pediatrics*. 2020;179(8):1315-23.
144. Niu Y, Wang J. Clinical Characteristics and Prevention of COVID-19 in Suqian. *Linchuang Yanjiu*. 2020;28 (5):1-3.
145. Oduro-Mensah E, Tetteh J, Adomako I, Adjei-Mensah E, Yawson AE, Owoo C, et al. Clinical features of COVID-19 in Ghana: symptomatology, illness severity and comorbid non-communicable diseases. *Ghana medical journal*. 2020;54(4 Supplement):23-32.
146. Ou J, Ye W, Zhang K. Epidemiological characteristics of COVID-19 in Fujian Province. *China CHinese Journal of Zoonoses*. 2020;36 (5):366-71.
147. Pan X, Z H. Analysis on Chinese medical clinical characteristics of 64 patients with common type COVID-19. *Journal of Wenzhou Medical University*. 2020;50 (3):187-90.
148. Pérez-García F, Pérez-Zapata A, Arcos N, De la Mata M, Ortiz M, Simón E, et al. Severe acute respiratory coronavirus virus 2 (SARS-CoV-2) infection among hospital workers in a severely affected institution in Madrid, Spain: A surveillance cross-sectional study. *Infection control and hospital epidemiology*. 2020:1-7.
149. Pongpirul WA, Mott JA, Woodring JV, Uyeki TM, MacArthur JR, Vachiraphan A, et al. Clinical characteristics of patients hospitalized with coronavirus disease, Thailand. *Emerging infectious diseases*. 2020;26(7):1580-5.
150. Pongpirul WA, Wiboonchutikul S, Charoenpong L, Panitantum N, Vachiraphan A, Uttayamakul S, et al. Clinical course and potential predictive factors for pneumonia of adult patients with coronavirus disease 2019 (COVID-19): A retrospective observational analysis of 193 confirmed cases in Thailand.

- PLoS Neglected Tropical Diseases. 2020;14(10):1-17.
151. Qiu C, Deng Z, Deng Y, Wang H, Zhao X, Zhou J, et al. Transmission and clinical characteristics of coronavirus disease 2019 in 104 outside-Wuhan patients, China. *Journal of Medical Virology*. 2020;92(10):2027-35.
152. Redditt V, Wright V, Rashid M, Male R, Bogoch I. Outbreak of SARS-CoV-2 infection at a large refugee shelter in Toronto, April 2020: a clinical and epidemiologic descriptive analysis. *CMAJ open*. 2020;8(4):E819-E24.
153. Shmakov RG, Prikhodko A, Polushkina E, Shmakova E, Pyregov A, Bychenko V, et al. Clinical course of novel COVID-19 infection in pregnant women. *The Journal of Maternal-Fetal & Neonatal Medicine*. 2020:1-7.
154. Rubbi I, Pasquinelli G, Brighenti A, Fanelli M, Gualandi P, Nanni E, et al. Healthcare personnel exposure to covid-19: An observational study on quarantined positive workers. *Acta Biomedica*. 2020;91(12-S):1-14.
155. Mattar S, Martinez-Bravo C, Rivero R, Contreras H, Faccini-Martínez ÁA, Guzman-Teran C, et al. Epidemiological and viral features of a cohort of SARS-CoV-2 symptomatic and asymptomatic individuals in an area of the Colombian Caribbean. *Annals of Clinical Microbiology and Antimicrobials*. 2020;19(1):1-6.
156. Kim SE, Jeong HS, Yu Y, Shin SU, Kim S, Oh TH, et al. Viral kinetics of SARS-CoV-2 in asymptomatic carriers and presymptomatic patients. *International Journal of Infectious Diseases*. 2020;95:441-3.
157. Samrah SM, Ibrani AM, Momany SM, Al-Ali M, Khassawneh BY, Al-Mistarehi A-HW, et al. COVID-19 outbreak in Jordan: Epidemiological features, clinical characteristics, and laboratory findings. *Annals of Medicine and Surgery*. 2020;57:103-8.
158. She X. Treatment analysis for the first 9 cases of pneumonia infected by novel coronavirus in Suining area. 2020;17 (2):52-5.
159. Son H, Lee H, Lee M, Eun Y, Park K, Kim S, et al. Epidemiological characteristics of and containment measures for COVID-19 in Busan, Korea. *Epidemiology and health*. 2020;42.
160. Song W, Li J, Zou N, Guan W, Pan J, Xu W. Clinical features of pediatric patients with coronavirus disease (COVID-19). *Journal of Clinical Virology*. 2020;127:104377.
161. Song YS, Hao YB, Liu WW, Zhang SS, Wang P, Fan TL. Clinical features of 17 patients with 2019-nCoV. *European review for medical and pharmacological sciences*. 2020;24(20):10896-901.
162. Spiteri G, Fielding J, Diercke M, Campese C, Enouf V, Gaymard A, et al. First cases of coronavirus disease 2019 (COVID-19) in the WHO European Region, 24 January to 21 February 2020. *Eurosurveillance*. 2020;25(9):2000178.
163. Sun D. Clinical analysis of 30 cases of new coronavirus pneumonia. *Zhejiang Clinical Medical Journal*. 2020;22 (3):354-6.
164. Sun W, Ling F, Pan J, Cai J, Miao Z, Liu S, et al. Epidemiological characteristics of 2019 novel coronavirus family clustering in Zhejiang Province. *Zhonghua yu Fang yi xue za zhi [Chinese Journal of Preventive Medicine]*. 2020;54:E027-E.
165. Sun Z, Zhang Y, Yang J. Common Novel Coronavirus Pneumonia (COVID – 19): Clinical and Imaging Features. *Hebei Medicine*. 2020;26 (6):908-12.
166. Teng M, Tang SY, Koh CJ. Endoscopy during COVID-19 pandemic: An overview of infection control measures and practical application. *World journal of gastrointestinal endoscopy*. 2020;12(9):256-65.

167. Tang O, Bigelow BF, Sheikh F, Peters M, Zenilman JM, Bennett R, et al. Outcomes of Nursing Home COVID-19 Patients by Initial Symptoms and Comorbidity: Results of Universal Testing of 1970 Residents. *Journal of the American Medical Directors Association*. 2020;21(12):1767-73. e1.
168. Thiel Sarah L, Weber Myriam C, Karajan Tomas V, Sandra C, Matthias P, Nadia W, et al. Flattening the curve in 52 days: Characterisation of the COVID-19 pandemic in the Principality of Liechtenstein - an observational study. *Swiss Medical Weekly*. 2020;150(41-42):w20361.
169. Tian S, Zou X, Tian H, Xiao T, Xing J, Wu T, et al. Clinical Characteristics and Reasons for Differences in Duration From Symptom Onset to Release From Quarantine Among Patients With COVID-19 in Liaocheng, China. *Frontiers in Medicine*. 2020;7:210.
170. Tian S, Hu N, Lou J, Chen K, Kang X, Xiang Z, et al. Characteristics of COVID-19 infection in Beijing. *Journal of infection*. 2020;80(4):401-6.
171. Judson TJ, Odisho AY, Neinstein AB, Chao J, Williams A, Miller C, et al. Rapid design and implementation of an integrated patient self-triage and self-scheduling tool for COVID-19. *Journal of the American Medical Informatics Association*. 2020;27(6):860-6.
172. Tolia VM, Chan TC, Castillo EM. Preliminary results of initial testing for coronavirus (COVID-19) in the emergency department. *Western Journal of Emergency Medicine*. 2020;21(3):503.
173. He T, Yuanyuan X, Bo Y, Zewan Z, Song L. Value of HRCT in diagnosis of COVID-19. *INTERNATIONAL JOURNAL OF MEDICAL RADIOLOGY*. 2020;43(2):135.
174. Tong Z-D, Tang A, Li K-F, Li P, Wang H-L, Yi J-P, et al. Potential presymptomatic transmission of SARS-CoV-2, Zhejiang province, China, 2020. *Emerging infectious diseases*. 2020;26(5):1052.
175. Treibel TA, Manisty C, Augusto JB, Moon JC, Burton M, Lambourne J, et al. COVID-19: PCR screening of asymptomatic health-care workers at London hospital. *The Lancet*. 2020;395(10237):1608-10.
176. Tsou T-P, Chen W-C, Huang AS-E, Chang S-C, Taiwan C-OIT. Epidemiology of the first 100 cases of COVID-19 in Taiwan and its implications on outbreak control. *Journal of the Formosan Medical Association = Taiwan yi zhi*. 2020;119(11):1601-7.
177. London V, McLaren R, Atallah F, Cepeda C, McCalla S, Fisher N, et al. The Relationship between Status at Presentation and Outcomes among Pregnant Women with COVID-19. *American journal of perinatology*. 2020;37(10):991-4.
178. Wan R, Mao Z-Q, He L-Y, Hu Y-C. Evidence from two cases of asymptomatic infection with SARS-CoV-2: Are 14 days of isolation sufficient? *International journal of infectious diseases*. 2020;95:174-5.
179. AH W, Long Q. Initial symptoms and epidemiological characteristics of confirmed cases of COVID-19 in the west of Chongqing. *Chinese Journal of Infect Control*. 2020;19 (3):234-8.
180. Deng W, Guang T-w, Yang M, Li J-r, Jiang D-p, Li C-y, et al. Positive results for patients with COVID-19 discharged from hospital in Chongqing, China. *BMC infectious diseases*. 2020;20(1):1-6.
181. Wang J, Liu J, Wang Y, Liu W, Chen X, Sun C, et al. Dynamic changes of chest CT imaging in patients with COVID-19. *Journal of Zhejiang University (Medical Sciences)*. 2020;49(2):191-7.
182. Zhou JH, Wu B, Wang WX, Lei F, Cheng X, Qin JJ, et al. No significant association between dipeptidyl peptidase-4 inhibitors and adverse outcomes of COVID-19. *World journal of clinical cases*. 2020;8(22):5576-88.
183. Wang L, Cao H. Investigation and analysis of the characteristics of a family cluster of coronavirus disease 2019 in Zibo. *Journal Of Shandong University*. 2020;58 (10):100-4.
184. Wang L, Duan Y, Zhang W, Liang J, Xu J, Zhang Y, et al. Epidemiologic and clinical

- characteristics of 26 cases of COVID-19 arising from patient-to-patient transmission in Liaocheng, China. *Clinical epidemiology*. 2020;12:387.
185. Wang S, Liu X. Nucleic acid screening results of 738 close contacts of coronavirus disease 2019. *Chinese Journal of Infection Control* 2020. 2020;19 (4):297-300.
186. Wang T, Shi L, Chen Y. Clinical Efficacy Analysis of 50 Cases of Corona Virus Disease 2019 in Traditional Chinese Medicine. *Jilin Journal of Chinese Medicine*. 2020;40 (3):281-5.
187. Wang X, Fang J, Zhu Y, Chen L, Ding F, Zhou R, et al. Clinical characteristics of non-critically ill patients with novel coronavirus infection (COVID-19) in a Fangcang Hospital. *Clinical Microbiology and Infection*. 2020;26(8):1063-8.
188. Gao W, Chen S, Wang K, Chen R, Guo Q, Lu J, et al. Clinical features and efficacy of antiviral drug, Arbidol in 220 nonemergency COVID-19 patients from East-West-Lake Shelter Hospital in Wuhan: a retrospective case series. *Virology journal*. 2020;17(1):162.
189. Wang Z, Xiong G, Wang Z. Clinical characteristics and laboratory results of pregnant women with COVID-19 in Wuhan, China. *International Journal of Gynecology and Obstetrics*. 2020;150(3):312-7.
190. Waya JLL, Mize V, Ambani B, Wamala JF, Guyo AG, Gray JH, et al. The first sixty days of COVID-19 in a humanitarian response setting: A descriptive epidemiological analysis of the outbreak in south Sudan. *Pan African Medical Journal*. 2020;37:384.
191. Wong HYF, Lam HYS, Fong AH-T, Leung ST, Chin TW-Y, Lo CSY, et al. Frequency and distribution of chest radiographic findings in patients positive for COVID-19. *Radiology*. 2020;296(2):E72-E8.
192. Wong J, Alikhan MF, Chaw L, Naing L, Koh WC, Jamaludin SA, et al. Epidemiological investigation of the first 135 COVID-19 cases in Brunei: Implications for surveillance, control, and travel restrictions. *American Journal of Tropical Medicine and Hygiene*. 2020;103(4):1608-13.
193. Wu G, Liu S, YX C. Epidemiological and clinical analysis of 104 patients with new coronavirus pneumonia. *Chinese Journal of Critical Care Medicine*. 2020;13 (2) (13 (2)):124-7.
194. Wu H, Li B, Chen X. Clinical analysis of 23 cases of COVID-19 in children under 18 in Jiangxi. *Chinese Journal of Contemporary Pediatrics*. 2020;22 (5):419-24.
195. Wu J, Song X, Gong X. Clinical analysis of 55 patients with COVID-19. *Jiangsu Medical Journal*. 2020;46 (6):546-50.
196. Xiaoqing W, Yuanliang X, Shutong Z, Jianpu C, Xiang W. Clinical characteristics, CT findings and AI application in pregnant women with COVID-19 pneumonia. *International Journal of Medical Radiology*. 2020;43(3):262.
197. Wu Y, Huang S, Liu C. Analysis of laboratory test results of 23 cases of novel coronavirus pneumonia in Nantong area. *Medical Journal of Communications*. 2020;34 (2):115-6.
198. Wu Y, Wei F, Li Q. The Epidemiological Characteristics of an Outbreak of 2019 Novel Coronavirus Diseases(COVID – 19) in Chegnde City. *Hebei Medicine*. 2020;26 (6):887-92.
199. Xiang T, Liu J, Xu F, Cheng N, Liu Y, Qian K, et al. Analysis of clinical characteristics of 49 patients with coronavirus disease 2019 in Jiangxi. *Chinese Journal of Respiratory and Critical Care Medicine*. 2020;19(2):154-60.
200. Xie J, Jiang H. Analysis of the clustered epidemic situation of new coronavirus pneumonia units in 2019. 2020.
201. Xie Y, Chen Q, Chen W. Discussion on CT Diagnosis of 39 Cases of Novel Coronavirus Pneumonia. *Zhejiang Journal of Integrated Traditional Chinese and Western Medicine*. 2020;30 (6):437-9.

202. Xu H, Liu E, Xie J, Smyth RL, Zhou Q, Zhao R, et al. A follow-up study of children infected with SARS-CoV-2 from Western China. *Annals of translational medicine*. 2020;8(10).
203. Xu S, Sun P, Shao F, Cui H, Yu C, Tang Z, et al. Clinical manifestation and neonatal outcomes of pregnant patients with coronavirus disease 2019 pneumonia in Wuhan, China. *Open Forum Infectious Diseases*. 2020;7(7):ofaa283.
204. Xu T, Chen C, Zhu Z, Cui M, Chen C, Dai H, et al. Clinical features and dynamics of viral load in imported and non-imported patients with COVID-19. *International Journal of Infectious Diseases*. 2020;94:68-71.
205. Yan X, Han X, Peng D, Fan Y, Fang Z, Long D, et al. Clinical Characteristics and Prognosis of 218 Patients With COVID-19: A Retrospective Study Based on Clinical Classification. *Frontiers in medicine*. 2020;7:485.
206. Yang K, Xiao Y, Liu Y. Epidemiological and clinical characteristics of coronavirus disease 2019 in non-epidemic areas: report of 57 cases. *Acta Academiae Medicinae Militaris Tertiae*. 2020;42 (6):555-9.
207. Yang N, Shen Y, Shi C, Ma AHY, Zhang X, Jian X, et al. In-flight transmission cluster of COVID-19: a retrospective case series. *Infectious diseases*. 2020;52(12):891-901.
208. Yang R, Gui X, Xiong Y. Comparison of clinical characteristics of patients with asymptomatic vs symptomatic coronavirus disease 2019 in Wuhan, China. *JAMA network open*. 2020;3(5):e2010182-e.
209. Yang Y, Li L, Li C. A survey on clustering of novel coronavirus disease in families in Fengjie county of Chongqing municipality. *Chinese Journal of Public Health*. 2020;36 (3):285-8.
210. Yang Y, Ren C, Wang Y. Clinical Features of 88 Cases with Novel Coronavirus Pneumonia. *Journal of Kunming University*. 2020;42 (2):81-3.
211. Yao Q, Zhang C, Fu J. HRCT feature and evolution rule of COVID - 19. *The Journal of Practical Medicine*. 2020;36 (12):1552-7.
212. Yao X, Zhao X. Familial clustering infection caused by asymptomatic COVID-19. *International Journal of Respiration*. 2020;40 (13):982-7.
213. Yayla BCC, Aykac K, Ozsurekci Y, Ceyhan M. Characteristics and Management of Children With COVID-19 in a Tertiary Care Hospital in Turkey. *Clinical Pediatrics*. 2021;60(3):170-7.
214. Ye X, Xie Y, Chen Q. 3 CT diagnosis of clustered new coronavirus pneumonia. *Zhejiang Medical Journal*. 2020;42 (4):395-7.
215. Ye Y, Fan W, Wang W. Difference in epidemic characteristics between asymptomatic infected persons and confirmed cases in COVID-19 clustered epidemics. *Chinese Journal of Infection Control*. 2020;19 (6):492-7.
216. Yu F, Yan L, Wang N, Yang S, Wang L, Tang Y, et al. Quantitative detection and viral load analysis of SARS-CoV-2 in infected patients. *Clinical Infectious Diseases*. 2020;71(15):793-8.
217. JX Y. Epidemiological and clinical characteristics analysis of 87 patients with novel coronavirus pneumonia in Hangzhou. *Zhejiang Clinical Medical Journal*. 2020:318-24.
218. Yu X, Yu Y, WH Y. Analysis of the nucleic acid detection results of 2019 Novel Coronavirus in 108 inpatients. *Chinese Journal of New Clinical Medicine*. 2020;13 (5):448-52.
219. Yuan L, Zhang J. Clinical characteristics and prognostic analysis of COVID-19 infection in 28 pregnant women. *Journal of Xinjiang Medical University*. 2020;43 (4):449-57.
220. Yue H, Bai X, Yu Q, Liu W, Pu J, Wang X, et al. Clinical characteristics of coronavirus disease 2019 in Gansu province, China. *Annals of palliative medicine*. 2020;9(4):1404-12.
221. Zeng J, Qiu L, Zou Y, Zhang G, Wu X, Xu X, et al. Epidemiological outcome of close contacts of coronavirus disease 2019 cases in Sichuan province. *Chinese Journal of Public Health*.

- 2020;36(4):503-6.
222. Zeng W, Liu B, Jin Y. Clinical characteristics of 44 patients with coronavirus disease 2019 in Yongzhou. *Journal of Hainan Medical University*. 2020;26 (13):967-71.
223. Yang W, Teng X. Clinical analysis of 11 children with COVID-19. *Journal of Bengbu Medical College*. 2020;45 (6):708-11.
224. Zhan H, SX B. Diagnosis and Treatment of Novel Coronavirus Pneumonia in Children. *Journal of Hubei University of Medicine*. 2020;39 (3).
225. Zhan T, Liu M, Han Z, Chen X, Tian X, Huang X, et al. Retrospective analysis of clinical characteristics of 405 patients with COVID-19. *Journal of International Medical Research*. 2020;48(8).
226. Zhang J, Tian S, Lou J, Chen Y. Familial cluster of COVID-19 infection from an asymptomatic. *Critical care*. 2020;24(1):1-3.
227. Zhang K, Zhang L, Li M. Clinical features comparative analysis on familial aggregation cases of imported and local corona virus disease 2019. *Chinese Journal of Integrated Traditional and Western Medicine in Intensive and Critical Care*. 2020;27 (4):385-9.
228. Zhang L, Huang S. Clinical Features of 33 Cases in Children Infected With SARS-CoV-2 in Anhui Province, China—A Multi-Center Retrospective Cohort Study. *Frontiers in Public Health*. 2020;8:255.
229. Zhang R, Li Y, Yu L, Ma X, Tong S, Yan J, et al. Infection risk and its influencing factors among close contacts of patients with novel coronavirus diseases 2019 in Liaoning province. *Chinese Journal of Public Health*. 2020;36:477-80.
230. Zhang Y, Xing L-H, Ni Z-Y, Yin X-P, Gao B-L, Xie R-M, et al. Clinical and imaging features of pediatric COVID-19. *Italian Journal of Pediatrics*. 2020;46(1):153.
231. Yongchen Z, Shen H, Wang X, Shi X, Li Y, Yan J, et al. Different longitudinal patterns of nucleic acid and serology testing results based on disease severity of COVID-19 patients. *Emerging microbes & infections*. 2020;9(1):833-6.
232. Zhang Y. Epidemiological Characteristics and Characteristics of Infection of 18 Confirmed Cases of Corona Virus Disease 2019 in Qinghai Province, China. *Chinese Journal of Nosocomiology*. 2020;30 (10):1475-9.
233. Zhao L, Xue J, Wang Y. Comparative study of imported and local clinical features of COVID-19 patients in Shijiazhuang. *Shandong Medical Journal*. 2020;60 (15):10-3.
234. Zhang Z, Bin Y. Coronavirus disease 2019: clinical characteristics and therapeutic effect analysis of 193 cases. *Chinese Journal OF Difficult and Complicated Cases*. 2020;19 (6):559-62.
235. Zhou H, Yuan J, Yang G. Preliminary Study on Treatment and Diagnosis of Integrated Traditional Chinese and Western Medicine of 13 Patients with NCP in Qujing Area. *Chinese Journal of Ethnomedicine and Ethnopharmacy*. 2020;29 (5):55-8.
236. Zhou L, Hunag H. Epidemiological characteristics of clustering outbreaks of 51 cases of COVID-19 in Xinyang, He'nan. *China Tropical Medicine*. 2020;20 (11):1078-81.
237. Zhou R, Li F, Chen F, Liu H, Zheng J, Lei C, et al. Viral dynamics in asymptomatic patients with COVID-19. *International Journal of Infectious Diseases*. 2020;96:288-90.
238. Zhu J, Zhang Q, Jia C, Wang W, Chen J, Xia Y, et al. Epidemiological Characteristics and Clinical Outcomes of Coronavirus Disease Patients in Northwest China: High-Volume Research From Low Population Density Regions. *Frontiers in medicine*. 2020;7:775.
239. Zhu M, Zeng Y. Clinical characteristics of 77 COVID-19 cases imported from abroad. *Fudan University Journal of Medicine Science*. 2020;47 (6):888-91.

240. Zhu S, Fan Z. Epidemiological features of COVID-19 in Shenzhen city based on network resources. *Chinese Journal of Hygiene Rescue*. 2020;6 (3):148-54.

Supplementary Table 3 Quality assessment of selected articles

	Introduction		Methods								Results					Discussion		Other		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Abeyuriya Sanduni	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	N
Adedeji Idris Abiodun	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Adetola Hammed Hassan	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Aherfi Sarah	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Almazeera Sulaiman	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Alshahrani Mohammed S	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Alshukry Abdullah	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Alsofayan Yousef M	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Alvin J Ing	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Amy V. Dora	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
An YH	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Andrea Lombardi	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Antonio-Villa Neftali Eduardo	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Arima	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	NM	Y
Ashinyo Mary Eyram	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y
Atakla Hugues Ghislain	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	N
Backer JA	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	N	NM
Bai M	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Bai R	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	N	NM
Bai SL	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	N	NM
BHAKTI SARANGI	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y

Bianco Angela	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Bin YF	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Blain Hubert	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
Böhmer MM	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	NM
Breslin Noelle	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Bruminhent Jackrapong	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	NM	Y	Y	Y	N	Y
Cai Jichao	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Cao JM	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Carla Felice	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Chan JFW	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Chen B	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Chen J	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Chen T	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Chen Y	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	Y	Y	NM	Y	Y	N	N	Y
Chen YJ	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
Cheng ZP	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	NM	Y	Y	Y	N	Y
Choe PG	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y
COVID-19 National Incident Room Surveillance Team	NM	Y	N	Y	Y	Y	Y	Y	NM	N	Y	Y	Y	Y	NM	Y	N	N	NM	NM
Dai Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Daniela Loconsole	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Ding Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Dong X	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Dong XC	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	N	NM
Dong YY	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	NM

Erinosa Olufemi A.	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Eythorsson Elias	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Fakiri EL K	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	N	Y
Fan YZ	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Feaster Matt	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
Feng XP	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	NM	Y
Foster Catherine E.	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Friederike Maechler	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Gao HJ	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	NM
Gao T	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Gautret P	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Gill Livingston	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Grados Isabel Zumalave	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	N	NM
Graham N.S.N.	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Grechukhina Olga	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM
Gu. Kim	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Guo CX	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Han RD	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
He M	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
He WB	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Hu SX	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
Huang DD	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
IH Huerta Saenz	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	N	NM
Ipekci A	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Irene Petersen	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	N	Y

Jennifer S. Singer	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Jeong SJ	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM
Jha S	Y	Y	N	Y	Y	Y	Y	Y	NM	N	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
Ji GH	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Ji T	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Jia CY	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Jiang CH	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Jiang R	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Jibrin YB	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Jin MH	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Jung CY	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	N	NM
Kang M	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM	Y
Kasper MR	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Ke B	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Kenu E	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Ki M	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	Y	Y	NM	Y	Y	N	N	Y
Kirenga Bruce	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Kong WF	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Krajcar N	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Kristin J. Meyers	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Kumar R	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Ladhani Shamez N	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Lai XQ	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Le TQM	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Lee YH	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM

Lei MY	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Lewis Megan	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	NM
Li CY	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	N	N	NM	NM
Li JH	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y
Li W	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	N	Y
Li Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	Y
Li Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Li YL	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Liao XN	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Lin S	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Lin XM	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
Lin ZF	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
Liu B	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Liu BM	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	N	Y
Liu BY	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Liu DH	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	NM	Y
Liu F	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Liu F	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	Y
Liu GT	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	NM	Y
Liu MQ	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	N	N	NM
Liu X	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Liu XX	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Liu YL	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	N	NM
Liu YX	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y
Liu ZR	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	NM

Lu RF	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Lu XX	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	N	N	NM	NM
Lu Y	Y	Y	N	Y	Y	Y	Y	Y	NM	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Lucy Rivett	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Luo SH	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	Y	N	N	N	Y
M.M. Arons	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
Ma MM	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	NM
Ma Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Ma YL	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
MacIntyre CR	Y	Y	N	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y	NM	Y	N	N	N	NM
Mahesh C. Patel	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Martin C	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	NM	Y
Maru Sheela	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
McMichael TM	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
Mei X	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Michael J. Fassett	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Michel Bielecki	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Miyamae Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	N	Y
Mohammed A M Ahmed	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM	NM	Y	Y	Y	N	Y
Moon SS	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Moriarty LF	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	NM	N	NM
Nagler AR	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	N	NM
Niccolò Parri	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Niu YL	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Oduro-Mensah E	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y

Ou JM	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	N	NM
Pan XQ	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	Y
Pérez-GarcíaF	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Pongpirul W	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Pongpirul WA	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Qiu CF	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Redditt V	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Roman G. Shmakov	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Rubbi I	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	Y	Y	NM	Y	Y	N	N	NM
Salim Mattar	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	Y
Seong Eun Kim	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	N	Y
Shaher M. Samrah	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
She X	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Son H	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	N	Y
Song W	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Song YS	Y	Y	N	Y	Y	Y	Y	Y	NM	N	Y	Y	Y	Y	NM	Y	Y	N	N	Y
Spiteri G	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	N	NM
Sun DF	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Sun WW	Y	Y	N	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	NM	Y	Y	NM	NM	NM
Sun Z	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Tang A	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Tang Olive	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM
Thiel SL	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Tian SC	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Tian SJ	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y

Timothy J. Judson	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Tolia VM	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Tong H	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Tong ZD	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y
Treibel TA	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Tsou Tsung-Pei	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Viktoriya London	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Wan R	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Wang AH	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM	Y
Wang D	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Wang JC	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Wang KS	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	Y	Y	Y	Y	Y	NM	NM	NM
Wang L	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
Wang LZ	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Wang S	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Wang T	Y	Y	N	Y	Y	Y	Y	Y	NM	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Wang XB	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Wang XL	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Wang ZQ	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
Waya JLL	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Wong HYF	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
Wong J	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	NM	Y
Wu GY	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM	Y
Wu HP	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Wu QR	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM

Wu XQ	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM	NM	
Wu Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Wu YL	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Xiang TX	Y	Y	N	Y	Y	Y	Y	Y	NM	Y	Y	Y	Y	Y	NM	Y	Y	N	N	NM
Xie JW	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
Xie YB	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Xu HM	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Xu S	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Xu TM	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	NM
Yan XQ	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Yang K	Y	Y	N	Y	Y	Y	Y	Y	NM	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Yang NB	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Yang RR	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Yang YL	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Yang YX	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Yao QD	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	NM
Yao XY	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y
Yayla Burcu Ceylan Cura	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Ye XX	Y	Y	N	Y	Y	Y	Y	Y	NM	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Ye Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM
Yu FT	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM
Yu JX	Y	Y	N	Y	Y	Y	Y	Y	NM	N	Y	Y	Y	Y	NM	Y	Y	N	NM	Y
Yu X	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Yuan L	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Yue HM	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y

Zeng J	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Zeng WZ	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Zhai HL	Y	Y	N	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM	
Zhan H	Y	Y	N	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM	
Zhan T	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y	
Zhang JJ	Y	Y	N	Y	Y	Y	Y	N	NM	N	Y	Y	Y	Y	NM	Y	N	N	N	Y
Zhang KY	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	N	Y
Zhang L	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y
Zhang R	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Zhang Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Zhang YC	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y
Zhang YD	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Zhao L	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NM	NM
Zhong ZM	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	N	NM
Zhou H	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Zhou JL	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Zhou R	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	N	NM	Y
Zhu JF	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	Y	N	Y
Zhu MR	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NM	Y	Y	N	NM	NM
Zhu SQ	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	NM	Y	Y	Y	NM	NM

Y, Yes; N, Not; NM, not mentioned.

According to quality of cross-sectional studies (AXIS) scale (Downes MJ, Brennan ML, Williams HC, Dean RS. Development of a critical appraisal tool to assess the quality of cross-sectional studies (AXIS). *BMJ open* 2016; 6(12): e011458.):

Introduction

1. Were the aims/objectives of the study clear?

Methods

2. Was the study design appropriate for the stated aim(s)?
3. Was the sample size justified?
4. Was the target/reference population clearly defined? (Is it clear who the research was about?)
5. Was the sample frame taken from an appropriate population base so that it closely represented the target/reference population under investigation?
6. Was the selection process likely to select subjects/participants that were representative of the target/reference population under investigation?
7. Were measures undertaken to address and categorise non-responders?
8. Were the risk factor and outcome variables measured appropriate to the aims of the study?
9. Were the risk factor and outcome variables measured correctly using instruments/measurements that had been trialled, piloted or published previously?
10. Is it clear what was used to determine statistical significance and/or precision estimates? (eg, p values, CIs)
11. Were the methods (including statistical methods) sufficiently described to enable them to be repeated?

Results

12. Were the basic data adequately described?
13. Does the response rate raise concerns about non-response bias?
14. If appropriate, was information about non-responders described?
15. Were the results internally consistent?
16. Were the results for the analyses described in the methods, presented?

Discussion

17. Were the authors' discussions and conclusions justified by the results?
18. Were the limitations of the study discussed?

Other

19. Were there any funding sources or conflicts of interest that may affect the authors' interpretation of the results?
20. Was ethical approval or consent of participants attained?

Supplementary Table 4 Results of sensitivity analysis

Study omitted	Estimate	[95% Conf. Interval]	
Abey Suriya Sanduni	0.24138328	0.2359522	0.2468143
Adedeji Idris Abiodun	0.24126983	0.2358378	0.2467018
Adetola Hammed Hassan	0.24140392	0.2359729	0.246835
Aherfi Sarah	0.24146682	0.2360346	0.246899
Almazeedi Sulaiman	0.2395409	0.234087	0.2449948
Alshahrani Mohammed S	0.24135832	0.2359271	0.2467896
Alshukry Abdullah	0.24093036	0.235491	0.24637
Alsofayan Yousef M	0.2423633	0.236915	0.247811
Alvin J Ing	0.24085474	0.235421	0.246288
Amy V. Dora	0.2414076	0.235976	0.246839
An YH	0.24142824	0.235997	0.246859
Andrea Lombardi	0.24154645	0.236113	0.24698
Antonio-Villa Nefthali Eduardo	0.26132575	0.2556445	0.267007
Arima	0.24140991	0.2359788	0.2468411
Ashinyo Mary Eyram	0.2399627	0.2345254	0.2454
Atakla Hugues Ghislain	0.24140076	0.2359691	0.2468324
Backer JA	0.24156743	0.236135	0.247
Bai M	0.24201234	0.236572	0.247453
Bai R	0.24144937	0.236016	0.246883
Bai SL	0.24139151	0.23596	0.246823
Bhakti Sarangi	0.24128741	0.235855	0.246719
Bianco Angela	0.2414328	0.236001	0.246864
Bin YF	0.24151391	0.236082	0.246946
Blain Hubert	0.24141634	0.235985	0.246848
Böhmer	0.24143349	0.236002	0.246865
Breslin Noelle	0.24139062	0.235959	0.246822
Bruminhent Jackrapong	0.24150243	0.2360704	0.2469344
Cai Jiehao	0.24134758	0.235916	0.246779
Cao JM	0.24137202	0.235941	0.246803
Carla Felice	0.24140568	0.235974	0.246837
Chan JFW	0.24142247	0.235991	0.246853
Chen B	0.24150895	0.236077	0.246941
Chen J	0.24182814	0.236392	0.247264
Chen T	0.24148329	0.236051	0.246916
Chen Y	0.24154295	0.236108	0.246978
Chen YJ	0.24160017	0.236166	0.247034
Cheng ZP	0.24145818	0.236027	0.24689
Choe PG	0.2412125	0.235779	0.246646
COVID-19 National Incident Room Surveillance Team	0.24089625	0.2354592	0.2463333

Dai Y	0.24140795	0.235977	0.246839
Daniela Loconsole	0.24092582	0.235491	0.24636
Ding Y	0.24150026	0.236068	0.246932
Dong X	0.24143203	0.236001	0.246863
Dong XC	0.2416393	0.236206	0.247073
Dong YY	0.24137929	0.235948	0.246811
Erinosa Olufemi A.	0.23952371	0.23408	0.244968
Eythorsson Elias	0.24370873	0.238245	0.249173
Fakiri EL K	0.24113926	0.235707	0.246572
Fan YZ	0.24148887	0.236056	0.246921
Feaster Matt	0.24184601	0.236402	0.24729
Feng XP	0.24145405	0.236022	0.246886
Foster Catherine E.	0.24219659	0.2367402	0.247653
Friederike Maechler	0.24145871	0.236026	0.246892
Gao HJ	0.24146272	0.236031	0.246894
Gao T	0.24143969	0.236008	0.246871
Gautret P	0.24153928	0.236106	0.246973
Gill Livingston	0.23967291	0.2342354	0.2451104
Grados Isabel Zumalave	0.24133743	0.235903	0.246772
Graham N.S.N.	0.2413419	0.235908	0.246776
Grechukhina Olga	0.24149908	0.236064	0.246934
Gu. Kim	0.24189922	0.236461	0.247337
Guo CX	0.24148878	0.236056	0.246922
Han RD	0.24145339	0.236022	0.246885
He M	0.24144486	0.236012	0.246878
He WB	0.24279851	0.237349	0.248248
Hu SX	0.24153839	0.236106	0.246971
Huang DD	0.24127801	0.235846	0.24671
IH Huerta Saenz	0.24148321	0.236051	0.246915
Ipekci A	0.24095382	0.235521	0.246387
Irene Petersen	0.24137411	0.235943	0.246805
Jennifer S. Singer	0.24134545	0.23591	0.246781
Jeong SJ	0.24137802	0.235947	0.246809
Jha S	0.24147981	0.236048	0.246912
Ji GH	0.39626896	0.389306	0.403232
Ji T	0.24152319	0.236091	0.246955
Jia CY	0.24161656	0.236181	0.247052
Jiang CH	0.23967837	0.234267	0.24509
Jiang R	0.24145818	0.236027	0.24689
Jibrin YB	0.24119677	0.235764	0.246629
Jin MH	0.24143013	0.235999	0.246861
Jung CY	0.20909713	0.203439	0.214755
Kang M	0.24147271	0.236041	0.246904

Kasper MR	0.23947349	0.234015	0.244932
Ke B	0.24140336	0.235972	0.246835
Kenu E	0.15292338	0.147079	0.158767
Ki M	0.24144812	0.236017	0.24688
Kirenga Bruce	0.24127552	0.235843	0.246708
Kong WF	0.24159901	0.236157	0.247041
Krajcar N	0.24111447	0.235679	0.24655
Kristin J. Meyers	0.2409627	0.23553	0.246395
Kumar R	0.24101612	0.23558	0.246452
Ladhani Shamez N	0.24109717	0.235664	0.24653
Lai XQ	0.24160057	0.236167	0.247034
Le TQM	0.24143392	0.236003	0.246865
Lee YH	0.23829599	0.232852	0.24374
Lei MY	0.24149777	0.236064	0.246932
Lewis Megan	0.24142997	0.235998	0.246862
Li CY	0.24142441	0.235993	0.246855
Li J	0.2413753	0.235944	0.246807
Li W	0.24139515	0.235964	0.246826
Li Y	0.24150647	0.236075	0.246938
Li Y	0.24149327	0.23606	0.246927
Li YL	0.24131729	0.235881	0.246753
Liao XN	0.24145868	0.236027	0.24689
Lin S	0.2416722	0.236238	0.247106
Lin XM	0.24143092	0.236	0.246862
Lin ZF	0.24168462	0.236249	0.24712
Liu B	0.24142013	0.235989	0.246851
Liu BM	0.24126719	0.235835	0.2467
Liu BY	0.24125627	0.235823	0.246689
Liu DH	0.24143161	0.236	0.246863
Liu F	0.24143013	0.235999	0.246861
Liu F	0.24139389	0.235963	0.246825
Liu GT	0.24147211	0.23604	0.246904
Liu MQ	0.24140359	0.235973	0.246835
Liu X	0.24142049	0.23599	0.246851
Liu XX	0.24142915	0.235996	0.246862
Liu XX	0.24139974	0.235969	0.246831
Liu YL	0.2414358	0.236005	0.246867
Liu YX	0.24143392	0.236003	0.246865
Liu ZR	0.24143161	0.236	0.246863
Lu RF	0.24146377	0.236032	0.246895
Lu XX	0.24152887	0.236094	0.246963
Lu Y	0.24142824	0.235997	0.246859
Lucy Rivett	0.2412927	0.235861	0.246725

Luo SH	0.24151178	0.236079	0.246944
M.M. Arons	0.24129912	0.235867	0.246731
Ma MM	0.24198274	0.236544	0.247421
Ma Y	0.24142143	0.23599	0.246853
Ma YL	0.24116221	0.235729	0.246596
MacIntyre CR	0.2413937	0.235963	0.246825
Mahesh C. Patel	0.24138328	0.235952	0.246815
Martin C	0.24125469	0.235823	0.246686
Maru Sheela	0.24124874	0.235817	0.246681
McMichael TM	0.24167565	0.236241	0.24711
Mei X	0.24203795	0.236597	0.247479
Michael J. Fassett	0.2413168	0.235886	0.246748
Michel Bielecki	0.24087179	0.235436	0.246307
Miyamae Y	0.24134462	0.235913	0.246776
Mohammed A M Ahmed	0.24144942	0.236011	0.246888
Moon SS	0.24018952	0.234744	0.245635
Moriarty LF	0.24082564	0.235355	0.246297
Nagler AR	0.24151158	0.236077	0.246946
Niccolò Parri	0.24141984	0.235989	0.246851
Niu YL	0.24141984	0.2359887	0.246851
Oduro-Mensah E	0.24083592	0.235399	0.246273
Ou JM	0.24195018	0.236513	0.247387
Pan XQ	0.2414919	0.23606	0.246924
Pérez-GarcíaF	0.24040096	0.234952	0.24585
Pongpirul W	0.24167772	0.236243	0.247113
Pongpirul WA	0.24143203	0.236001	0.246863
Qiu CF	0.24157399	0.236141	0.247007
Redditt V	0.24141118	0.23598	0.246843
Roman G. Shmakov	0.24152265	0.23609	0.246955
Rubbi I	0.24134435	0.235913	0.246776
Salim Mattar	0.24145077	0.236018	0.246883
Seong Eun Kim	0.24128388	0.235851	0.246716
Shaher M. Samrah	0.24142824	0.235997	0.246859
She X	0.24152738	0.236094	0.246961
Son H	0.24138598	0.235955	0.246817
Song W	0.24144328	0.236012	0.246875
Song YS	0.24147455	0.236043	0.246906
Spiteri G	0.24146748	0.236036	0.246899
Sun DF	0.24173021	0.236291	0.247169
Sun WW	0.24142715	0.235996	0.246858
Sun Z	0.24139789	0.235967	0.246829
Tang A	0.23954514	0.234099	0.244992
Tang Olive	0.24158044	0.236148	0.247013

Thiel SL	0.24143378	0.236002	0.246865
Tian SC	0.24143378	0.236002	0.246865
Tian SJ	0.24180609	0.23637	0.247242
Timothy J. Judson	0.24145781	0.236026	0.246889
Tolia VM	0.2414328	0.236001	0.246864
Tong H	0.24140796	0.235977	0.246839
Tong ZD	0.24377097	0.238308	0.249234
Treibel TA	0.24152794	0.236095	0.246961
Tsou Tsung-Pei	0.24154887	0.236116	0.246981
Viktoriya London	0.24156342	0.236131	0.246996
Wan R	0.24154887	0.236116	0.246981
Wang AH	0.24156342	0.236131	0.246996
Wang D	0.24123849	0.235806	0.246671
Wang JC	0.24150059	0.236069	0.246933
Wang KS	0.24141203	0.235981	0.246843
Wang L	0.24143349	0.236002	0.246865
Wang LZ	0.24141307	0.235982	0.246845
Wang S	0.24100789	0.235576	0.24644
Wang T	0.24150462	0.236073	0.246937
Wang XB	0.24307795	0.237626	0.24853
Wang XL	0.24240948	0.236966	0.247853
Wang ZQ	0.24137998	0.235949	0.246811
Waya JLL	0.23534326	0.229884	0.240802
Wong HYF	0.24146868	0.236036	0.246901
Wong J	0.24125358	0.23582	0.246687
Wu GY	0.24159715	0.236164	0.24703
Wu HP	0.24143876	0.236007	0.24687
Wu QR	0.24150616	0.236074	0.246938
Wu XQ	0.24134462	0.235913	0.246776
Wu Y	0.24145445	0.236023	0.246886
Wu YL	0.24137738	0.235946	0.246808
Xiang TX	0.24148725	0.236055	0.246919
Xie JW	0.24140583	0.235975	0.246837
Xie YB	0.24145308	0.236021	0.246885
Xu HM	0.24143219	0.236001	0.246864
Xu S	0.24144374	0.236012	0.246875
Xu TM	0.2414677	0.236036	0.2469
Yan XQ	0.24163942	0.236204	0.247075
Yang K	0.24142464	0.235993	0.246857
Yang NB	0.24142592	0.235995	0.246857
Yang RR	0.24130918	0.235877	0.246742
Yang YL	0.24142633	0.235995	0.246857
Yang YX	0.24157517	0.236142	0.247008

Yao QD	0.24149534	0.236064	0.246927
Yao XY	0.24142441	0.235993	0.246855
Yayla Burcu Ceylan Cura	0.24140419	0.2359687	0.2468397
Ye XX	0.24142972	0.235999	0.246861
Ye Y	0.2429242	0.237467	0.248382
Yu FT	0.24154702	0.236115	0.24698
Yu JX	0.24156559	0.236133	0.246998
Yu X	0.24159686	0.236164	0.24703
Yuan L	0.24135433	0.235923	0.246786
Yue HM	0.24146326	0.236031	0.246896
Zeng J	0.2418316	0.236396	0.247267
Zeng WZ	0.24145465	0.236023	0.246886
Zhai HL	0.24143203	0.236001	0.246863
Zhan H	0.24142247	0.235991	0.246853
Zhan T	0.24208018	0.236641	0.24752
Zhang JJ	0.24142049	0.23599	0.246851
Zhang KY	0.24141598	0.235985	0.246847
Zhang L	0.24141848	0.235987	0.24685
Zhang R	0.24147427	0.236042	0.246907
Zhang Y	0.24142572	0.235994	0.246857
Zhang YC	0.24141929	0.235988	0.246851
Zhang YD	0.24139778	0.235967	0.246829
Zhao L	0.24140501	0.235974	0.246837
Zhong ZM	0.24142331	0.235988	0.246858
Zhou H	0.24142781	0.235997	0.246859
Zhou JL	0.24161904	0.236185	0.247053
Zhou R	0.2414069	0.235975	0.246838
Zhu JF	0.24193569	0.236492	0.247379
Zhu MR	0.24145423	0.236022	0.246887
Zhu SQ	0.24211027	0.236671	0.24755
Combined	0.24141874	0.235988	0.24685
