

## Table S1 The Search Strategy

### Keyword (for other researchers to replicate study)

#### English keyword:

China/Chinese

COVID-19/ coronavirus disease 2019/ SARS-CoV-2

Severity/ progression/critical

Determinants/factors/indicators

#### Chinese keyword:

中国的

新冠病毒、新冠疫情、新型冠状病毒

进展、严重

影响因素

### Search strategy (for other researchers to replicate study)

#### Database 1: CAJD (CNKI):

TKA=('新冠病毒'+ '新冠疫情'+ '新型冠状病毒') AND TKA=('进展'+ '严重') AND TKA=('影响因素')

**Database 2: CSPD (WAN FANG Data):** (主题:(新冠病毒) or 主题:(新冠疫情) or 主题:(新型冠状病毒)) and (主题:(进展) or 主题:(严重)) and 主题:(影响因素)

#### Database3: PubMed (NCBI)

Sequence	Query	
#1	Search: (China[Title/Abstract]) OR China[MeSH Terms]	290,096
#2	Search: (Chinese[Title/Abstract]) OR Chinese[MeSH Terms]	265,473
#3	Search: (COVID-19 [Title/Abstract]) OR COVID-19 [MeSH Terms]	83,434
#4	Search: (Coronavirus disease 2019 [Title/Abstract]) OR Coronavirus disease 2019 [MeSH Terms]	56,140
#5	Search: (SARS-CoV-2 [Title/Abstract]) OR SARS-CoV-2 [MeSH Terms]	52,146
#6	Search: (Severity [Title/Abstract]) OR Severity [MeSH Terms (Term not found)]	452,666
#7	Search: (Progression [Title/Abstract]) OR Progression [MeSH Terms]	646,229

#8	Search: (Critical [Title/Abstract]) OR Critical [MeSH Terms (Term not found)]	746,714
#9	Search: (Determinants [Title/Abstract]) OR Determinants [MeSH Terms (Term not found)]	163,627
#10	Search: (Factors [Title/Abstract]) OR Factors [MeSH Terms (Term not found)]	2,149,407
#11	Search: (Indicators [Title/Abstract]) OR Indicators [MeSH Terms]	402,721
#12	#1 OR #2 Search: ((China[MeSH Terms]) OR (China[Title/Abstract])) OR ((Chinese[Title/Abstract]) OR (Chinese[MeSH Terms]))	468,159
#13	#3 OR #4 OR #5 Search: (((COVID-19[MeSH Terms]) OR (COVID-19[Title/Abstract])) OR ((coronavirus disease 2019[Title/Abstract]) OR (coronavirus disease 2019[MeSH Terms]))) OR ((SARS-CoV-2[MeSH Terms]) OR (SARS-CoV-2[Title/Abstract]))	87,174
#14	#6 OR #7 OR #8 Search: ((Severity [Title/Abstract]) OR (Severity [MeSH Terms])) OR ((Progression [MeSH Terms]) OR (Progression [Title/Abstract])) OR ((Critical [Title/Abstract]) OR (Critical [MeSH Terms]))	1,771,146
#15	#9 OR #10 OR #11 Search: (((Determinants[MeSH Terms]) OR (Determinants[Title/Abstract])) OR ((factors[Title/Abstract]) OR (factors[MeSH Terms]))) OR ((indicators[MeSH Terms]) OR (indicators[Title/Abstract]))	2,628,494
#16	#13 AND #14 AND #15 AND #16 Search: (((((China[MeSH Terms]) OR (China[Title])) OR ((Chinese[Title]) OR (Chinese[MeSH Terms]))) AND (((COVID-19[MeSH Terms]) OR (COVID-19[Title/Abstract])) OR ((coronavirus disease 2019[Title/Abstract]) OR (coronavirus disease 2019[MeSH Terms]))) OR ((SARS-CoV-2[MeSH Terms]) OR (SARS-CoV-2[Title/Abstract]))) AND ((Severity [Title/Abstract]) OR (Severity [MeSH Terms])) OR ((Progression [MeSH Terms]) OR (Progression [Title/Abstract])) OR ((Critical [Title/Abstract]) OR (Critical [MeSH Terms])) AND (((Determinants[MeSH Terms]) OR (Determinants[Title/Abstract])) OR ((factors[Title/Abstract]) OR (factors[MeSH Terms]))))	435

	OR ((indicators[MeSH Terms]) OR (indicators[Title/Abstract]))	
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#### Database4: EMBASE

No.	Query	
#1	'china'/exp OR 'china'	2,450,664
#2	'china':ti,ab,kw	236,377
#3	'chinese'/exp OR 'chinese'	1,199,189
#4	'chinese':ti,ab,kw	290,192
#5	#1 OR #2 OR #3 OR #4	2,598,752
#6	'covid-19'/exp OR 'covid-19'	87,268
#7	'covid-19':ti,ab,kw	75,510
#8	'coronavirus disease 2019'/exp OR 'coronavirus disease 2019'	78,636
#9	'coronavirus disease 2019':ti,ab,kw	15,396
#10	'sars-cov-2'/exp OR 'sars-cov-2'	34,835
#11	'sars-cov-2':ti,ab,kw	26,549
#12	#6 OR #7 OR #8 OR #9 OR #10 OR #11	90,445
#13	'Severity'/exp OR 'Severity'	1,085,028
#14	'Severity':ti,ab,kw	680,532
#15	'Progression'/exp OR 'Progression'	874,839
#16	'Progression':ti,ab,kw	840,310
#17	'Critical'/exp OR 'Critical'	1,299,485
#18	'Critical':ti,ab,kw	940,916
#19	#13 OR #14 OR #15 OR #16 OR #17 OR #18	3,079,482

#20	'determinants'/exp OR 'determinants'	205,528
#21	'determinants':ti,ab,kw	195,668
#22	'factors'/exp OR 'factors'	2,878,464
#23	'factors':ti,ab,kw	2,832,591
#24	'indicators'/exp OR 'indicators'	220,412
#25	'indicators':ti,ab,kw	200,917
#26	#20 OR #21 OR #22 OR #23 OR #24 OR #25	3,202,215
#27	#5 AND #12 AND #19 AND #26	921

#### Database 5: Cochrane Library

ID	Search	
#1	(China):ti,ab,kw (Word variations have been searched)	14,052
#2	(Chinese):ti,ab,kw (Word variations have been searched)	27,686
#3	#1 or #2	36,665
#4	(COVID-19):ti,ab,kw (Word variations have been searched)	3,640
#5	(Coronavirus disease 2019):ti,ab,kw (Word variations have been searched)	809
#6	(SARS-CoV-2):ti,ab,kw (Word variations have been searched)	175
#7	#4 or #5 or #6	3,688
#8	(Severity):ti,ab,kw (Word variations have been searched)	100,894
#9	(Progression):ti,ab,kw (Word variations have been searched)	64,697
#10	(Critical):ti,ab,kw (Word variations have been searched)	24,344
#11	#8 or #9 or #10	182,472
#12	(Determinants):ti,ab,kw (Word variations have been searched)	5,026

#13	(factors):ti,ab,kw	184,575
#14	(indicators):ti,ab,kw	11,505
#15	#12 OR #13 OR #14	197,032
#16	#3 AND #7 AND #11 AND #15	5

#### Database 6: Web of Science

ID	Search	
#1	TI=(China or Chinese)	1,001,546
#2	AB=(China or Chinese)	1,933,832
#3	AK=(China or Chinese)	214,032
#4	#3 OR #2 OR #1	2,126,022
#5	TI=(COVID-19 or coronavirus disease 2019 or SARS-CoV-2)	92,554
#6	AB=(COVID-19 or coronavirus disease 2019 or SARS-CoV-2)	94,201
#7	AK=(COVID-19 or coronavirus disease 2019 or SARS-CoV-2)	35,262
#8	#7 OR #6 OR #5	109,802
#9	TI=(Severity or Progression or Critical)	558,469
#10	AB=( Severity or Progression or Critical)	3,818,754
#11	AK=( Severity or Progression or Critical)	161,295
#12	#11 OR #10 OR #9	4,081,547
#13	TI=(Determinants or factors or indicators)	1,975,117
#14	AB=(Determinants or factors or indicators)	11,664,313
#15	AK=(Determinants or factors or indicators)	725,093
#16	#15 OR #14 OR #13	12,272,832

#17	#16 AND #12 AND #8 AND #4	936
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