

Key

CODE	EXPLANATION	UNIT
Article identifier number (Citation)	Unique ID (Citation)	
Study type	Type of study	Observational Study / Clinical Trial
Size	Size of study (measured in number of participants in relation to average)	Big / Small
percfeanalysis	Percentage of females in the participating population	%
findingdisaggSEX	Were the main outcome data disaggregated by sex? (n/a refers to single-sex studies)	Yes / No / n/a
findingsdisaggAGESEX	Were the main outcome data disaggregated by sex and age concurrently? (n/a refers to single-sex studies)	Yes / No / n/a
SG Diff observed	Were sex or gender mentioned in the Results section as a variable?	Yes / No
SAGERTitleab	IF only one sex was included, was this made clear in the title and abstract? (n/a refers to studies with more than one sex)	Yes / No / n/a
SAGERintro	Were the sex and gender differences of COVID-19 acknowledged in the introduction?	Yes / No
SAGERmethodreport	Did the methods section report how men and women were taken into account in the design of the study and the recruitment process?	Yes / No
SAGERmethodjustify	Did the methods section justify the differing number of men and women in their study?	Yes / No
SAGERgeneralise	Does the study address the generalisability of the results to women and men?	Yes / No
SAGERanalysis	Does the study use 'sex' and 'gender' appropriately?	Yes / No
CT Type of intervention	What was the type of intervention (treatment or vaccine?)	Vaccine / Clinical Trial
CT discontinuation	Were there any discontinuations? (only relevant to Clinical Trials)	Yes / No

Data Extraction

Article identifier number (Citation)	Study type	Size	percfem analysis	findingdisaggSEX	findingsdisaggAGESEX	SG Diff observed	SAGERTitleab	SAGERintro	SAGERmethodreport	SAGERmethadjustify	SAGERgeneralise	SAGERanalysis	CT Type of intervention	CT discontinuation
66(Deng et al. 2020)	OS	Small	48%	no	no	no	n/a	no	no	no	no	no		
79(Y Wu et al. 2020)	OS	Small	100%	n/a	n/a	no	yes	yes	no	no	no	no		
106(S. Huang et al. 2020)	OS	Big	44%	no	no	no	n/a	no	no	no	no	no		
107(Dalal et al. 2020)	OS	Small	7%	yes	yes	no	n/a	no	no	no	no	no		
127(Bode et al. 2020)	OS	Big	44%	no	no	yes	n/a	no	no	no	yes	no		
132(Davies et al. 2020)	OS	Small	33%	yes	no	no	n/a	no	no	no	yes	no		
135(Gao et al. 2020)	OS	Big	19%	no	no	no	n/a	no	no	no	no	no		
140(Alberici et al. 2020)	OS	Small	20%	yes	yes	no	n/a	no	no	no	no	no		
158(Garassino et al. 2020)	OS	Big	30%	no	no	no	n/a	no	no	no	no	no		
164(Qi et al. 2020)	OS	Small	54%	no	no	no	n/a	no	no	no	no	no		
179(Liao et al. 2020)	OS	Big	46%	no	no	yes	n/a	no	no	no	no	no		
192(Zhong et al. 2020)	OS	Small	86%	no	no	no	n/a	no	no	no	no	no		
209(Satlin et al. 2020)	OS	Small	37%	no	no	no	n/a	no	no	no	no	no		
215(Fung et al., n.d.)	OS	Small	58%	no	no	no	n/a	no	no	no	no	no		
216(Bianco et al. 2020)	OS	Big	100%	n/a	n/a	no	yes	no	no	no	no	no		
217(S. Liu et al. 2020)	OS	Big	47%	no	no	no	n/a	yes	no	no	no	yes		
265(Yongran Wu et al. 2020)	OS	Small	44%	no	no	no	n/a	no	no	no	no	no		
269(Yu Wang et al. 2020)	OS	Big	n/a	no	no	no	n/a	no	no	no	no	no		
271(Hur et al., n.d.)	OS	Big	44%	no	no	yes	n/a	no	no	no	no	yes		

307(Y. Liu et al. 2020)	OS	Small	44%	no	no	no	n/a	no	no	no	no	no		
365(L. Chen, Pan, and Zeng 2020)	OS	Big	55%	no	no	yes	n/a	no	no	no	no	no		
395(Vaid et al. 2020)	OS	Big	35%	no	no	no	n/a	yes	no	no	no	no		
405(Stoeckle et al. 2020)	OS	Small	18%	no	no	no	n/a	no	no	no	no	no		
445(De Lorenzo et al. 2020)	OS	Small	45%	no	no	no	n/a	no	no	no	no	no		
448(Portole 2020)	OS	Big	41%	no	no	no	n/a	no	no	no	no	no		
449(Id et al. 2020)	OS	Small	44%	no	no	no	n/a	no	no	no	no	no		
547(D. W. Kim et al. 2020)	OS	Big	61%	no	no	no	n/a	no	no	no	no	no		
552(Ng et al. 2020)	OS	Small	0%	n/a	n/a	no	yes	no	no	no	no	no		
579(J. Kim et al. 2020)	OS	Big	53%	no	no	no	n/a	no	no	no	no	no		
668(Tschopp et al., n.d.)	OS	Small	29%	no	no	no	n/a	no	no	no	no	no		
669(Benussi et al. 2020)	OS	Big	46%	no	no	no	n/a	no	no	no	no	no		
695(L. Zhang and Huang 2020)	OS	Small	52%	no	no	yes	n/a	no	no	no	no	yes		
713(Duca et al. 2020)	OS	Small	15%	no	no	no	n/a	no	no	no	no	no		
749(Q. Liu et al. 2020)	OS	Big	50%	no	no	no	n/a	no	no	no	no	no		
781(Russo et al. 2020)	OS	Big	38%	no	no	no	n/a	no	no	no	no	no		
825(Poncet-Megemont et al. 2020)	OS	Small	63%	yes	no	no	n/a	no	no	no	no	no		
838(Fresán et al. 2020)	OS	Big	50%	yes	no	yes	n/a	no	no	no	no	yes		
839(Henry et al. 2020)	OS	Small	41%	no	no	no	n/a	no	no	no	no	no		
861(Mendoza et al. 2020)	OS	Small	100%	n/a	n/a	no	no	no	no	no	no	no		

864(Salmon et al. 2020)	OS	Small	56%	no	no	no	n/a	no	no	no	no	no		
877(Fadini et al. 2020)	OS	Big	37%	no	no	no	n/a	no	no	no	no	no		
886(Dofferhoff et al. 2020)	OS	Small	31%	no	no	no	n/a	no	no	no	no	no		
950(Bhumbra et al. 2020)	OS	Small	26%	no	no	yes	n/a	no	no	no	no	yes		
964(J. Liu et al. 2020)	OS	Small	42%	no	no	no	n/a	no	no	no	no	no		
968(Pratabarbarbosa et al. 2020)	OS	Small	46%	no	yes	no	n/a	no	no	no	no	yes		
970(Mukherjee et al. 2020)	OS	Small	30%	no	no	yes	n/a	no	yes	no	no	yes		
973(Domínguez-Salas et al. 2020)	OS	Big	74%	no	no	yes	n/a	no	no	no	no	yes		
1011(Sakai et al. 2020)	OS	Small	28%	no	no	yes	n/a	no	no	no	no	yes		
1033(Sun, Chen, and Viboud 2020)	OS	Big	45%	no	no	yes	n/a	no	no	no	no	no		
1055(Mahmud et al. 2020)	OS	Small	75%	no	no	no	n/a	no	no	no	no	no		
1108(Zhou et al. 2020)	OS	Small	36%	no	no	no	n/a	no	no	no	no	no		
1115(Bellosta et al. 2020)	OS	Small	9%	no	no	no	n/a	no	no	no	no	yes		
1121(Carratal et al. 2020)	OS	Big	29%	no	no	no	n/a	no	no	no	no	no		
1138(Pirjani et al. 2020)	OS	Small	100%	n/a	n/a	no	no	no	no	no	no	no		
1195(Nguyen et al. 2020)	OS	Big	34%	no	no	no	n/a	no	no	no	no	no		
1217(Rosenberg et al. 2020)	OS	Big	40%	no	no	no	n/a	no	no	no	no	yes		
1230(Azar et al. 2020)	OS	Big	47%	no	no	no	n/a	no	no	no	no	no		
1310(Mak et al. 2020)	OS	Small	34%	no	no	no	n/a	no	no	no	no	no		
1325(Knopp et al. 2020)	OS	Big	38%	no	no	no	n/a	no	no	no	no	no		

1330(Middleton et al. 2020)	OS	Small	50%	no	no	no	n/a	no	no	no	no	no		
1337(Stoichitoiu et al. 2020)	OS	Small	57%	no	no	no	n/a	no	no	no	no	no		
1354(J. Wu et al. 2020)	OS	Big	45%	no	no	no	n/a	no	no	no	no	no		
1395(Guaraldi et al. 2020)	OS	Big	34%	no	no	no	n/a	no	no	no	no	yes		
1470(Winston et al. 2020)	OS	Big	13%	no	no	no	n/a	no	no	no	no	no		
1557(Dong et al. 2020)s	OS	Big	67%	no	no	no	n/a	no	no	no	no	no		
1559(Foy et al. 2020)	OS	Big	46%	no	no	no	n/a	no	no	no	no	no		
1592(Del Amo et al. 2020)	OS	Big	25%	yes	no	yes	n/a	yes	no	no	no	no		
1480(Golestaneh et al. 2020)	OS	Big	67%	no	no	no	n/a	no	no	no	no	no		
1578(Xia et al. 2020)	OS	Big	50%	no	no	no	n/a	no	no	no	no	no		
1504(Yan et al. 2020)	OS	Big	51%	yes	no	no	n/a	no	no	no	no	no		
1501(S. Zhang et al. 2020)	OS	Big	67%	no	no	no	n/a	no	no	no	no	no		
20(B. Cao et al. 2020)	CT	Big	40%	no	no	no	n/a	no	no	no	no	no	treatment testing	no
50(Gabriela et al. 2020)	CT	Small	25%	no	no	no	n/a	no	no	no	no	no	treatment testing	no
62(Sengupta et al. 2020)	CT	Small	26%	no	no	no	n/a	no	no	no	no	no	treatment testing	no
249(Amat-Santos et al. 2020)	CT	Big	43%	no	no	no	n/a	no	no	no	no	no	treatment testing	no
373(Y. Huang et al. 2020)	CT	Small	54%	no	no	no	n/a	no	no	no	no	no	treatment testing	no
555(Davoudimonfared et al. 2020)	CT	Small	46%	no	no	no	n/a	no	no	no	yes	yes	treatment testing	no
559(Hu et al. 2020)	CT	Small	70%	no	no	no	n/a	no	no	no	no	no	treatment testing	no
598(Dastan, Alireza, et al. 2020)	CT	Small	20%	no	no	no	n/a	no	no	no	no	no	treatment testing	no

646(Deftereos et al. 2020)	CT	Big	42%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
675(Zheng et al. 2020)	CT	Small	53%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
678(Dastan, Saffaei, et al. 2020)	CT	Small	36%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
751(Jeronimo, et al. 2020)	CT	Big	35%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
772(T. Li et al. 2020)	CT	Small	22%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
773(Fu et al. 2020)	CT	Small	42%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
828(Xiong et al. 2020)	CT	Small	no data	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
849(Ren et al. 2020)	CT	Small	40%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
876(Rahmani et al. 2020)	CT	Small	41%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
909(Spinner et al. 2020)	CT	Big	39%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
951(Xiao et al. 2020)	CT	Big	44%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
961(L. Li et al. 2020)	CT	Big	42%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
971(Furtado et al. 2020)	CT	Big	34%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1010(Meng et al. 2020)	CT	Small	39%	yes	yes	no	n/a	no	no	no	no	no	no	treatment testing	no
1037(Entrenas et al. 2020)	CT	Small	41%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1046(Hamidi et al. 2020)	CT	Small	54%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1227(Hill and Merat 2020)	CT	Small	48%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
1262(Davoodi et al. 2020)	CT	Small	41%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
1314(Tomazini et al. 2020)	CT	Big	34%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1436(The Writing Committee for the REMAP-CAP	CT	Big	29%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes

Investigators 2020)															
1522(SA et al. 2020)	CT	Small	10%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1540(Cheng et al. 2020)	CT	Big	44%	no	no	yes	n/a	no	no	no	no	no	no	treatment testing	no
1597(Ansarin et al. 2020)	CT	Small	45%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1624(Coler et al. 2020)	CT	Small	51%	no	no	no	n/a	no	no	no	no	no	no	Vaccine	no
1625(Zhu et al. 2020)	CT	Big	36%	no	no	no	n/a	no	no	no	no	no	no	Vaccine	no
1626(Yeming Wang et al. 2020)	CT	Big	40%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
1627(Boulware et al. 2020)	CT	Big	52%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1628(Folegatti et al. 2020)	CT	Big	50%	no	no	no	n/a	no	no	no	no	no	no	vaccine	no
1629(Hung et al. 2020)	CT	Big	47%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
1630(Tang et al. 2020)	CT	Big	45%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1631(Y. Cao et al. 2020)	CT	Small	41%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
1632(Goldman et al. 2020)	CT	Big	36%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
1633(Cavalcanti et al. 2020)	CT	Big	42%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
1634(Zhu et al. 2020)	CT	Big	50%	no	no	yes	n/a	no	no	no	no	no	no	Vaccine	no
1635(Skipper et al. 2020)	CT	Big	50%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1636(Joyner et al. 2020)	CT	Big	36%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1637(Mitjà, et al. 2020)	CT	Big	67%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
1640(Keech et al. 2020)	CT	Big	50%	no	no	no	n/a	no	no	no	no	no	no	Vaccine	no
1641(Klersy 2020)	CT	Small	39%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no

1642(Sekhavati et al. 2020)	CT	Big	54%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1644(Asgharpour et al. 2020)	CT	Small	50%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1645(Bronte, Lunardi, and Olivieri 2020)	CT	Small	50%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1653(J. Chen et al. 2020)	CT	Small	40%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
1656(Abd-elsalam et al. 2020)	CT	Big	41%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
1657(Beigel et al. 2020)	CT	Big	36%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	yes
1826(Kasgari et al. 2020)	CT	Small	63%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no
2106(Eslami et al. 2020)	CT	Small	50%	no	no	no	n/a	no	no	no	no	no	no	treatment testing	no

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