Figure S1. Forest plot of studies reporting gender in patients with coronavirus disease 2019. M-H, Mantel-Haenszel; CI, confidence interval; SD, standard deviation; Std. Mean Difference, standardized mean difference; df, degree of freedom.

Seve		е	Non-sev	/ere		Risk difference	Risk difference		
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% CI		
Kumar H (2021)	18	30	73	79	5.0%	-0.32 [-0.51, -0.14]			
Bonetti G (2020)	45	70	52	75	5.1%	-0.05 [-0.20, 0.10]			
Zheng F (2020)	14	30	66	131	4.9%	-0.04 [-0.24, 0.16]	-		
Huang H (2021)	12	21	25	43	4.6%	-0.01 [-0.27, 0.25]			
Feng X (2020)	13	20	58	94	4.8%	0.03 [-0.20, 0.26]			
Zhu Y (2020)	19	29	39	73	4.9%	0.12 [-0.09, 0.33]	+-		
Wang Z (2020)	65	116	73	177	5.3%	0.15 [0.03, 0.26]			
Ayten O (2020)	20	27	27	46	4.8%	0.15 [-0.06, 0.37]	-		
Zhang W (2021)	11	16	26	49	4.6%	0.16 [-0.11, 0.42]	-		
Wang H (2020)	15	24	16	37	4.7%	0.19 [-0.06, 0.44]	-		
Sepulchre E (2022)	43	60	72	138	5.2%	0.19 [0.05, 0.34]			
Mo P (2021)	55	85	31	70	5.1%	0.20 [0.05, 0.36]			
Wang D (2020)	44	71	29	72	5.1%	0.22 [0.06, 0.38]	_ 		
Pan F (2020)	67	89	18	35	5.0%	0.24 [0.05, 0.43]			
Azizmohammadi S (2021)	47	63	86	176	5.2%	0.26 [0.13, 0.39]			
Snipelisky D (2020)	28	42	57	144	5.1%	0.27 [0.11, 0.43]			
Kantri A (2021)	35	45	38	89	5.1%	0.35 [0.19, 0.51]			
Qin W (2021)	10	23	11	239	4.9%	0.39 [0.18, 0.59]			
Vidal-Cevallos P (2021)	62	79	21	298	5.3%	0.71 [0.62, 0.81]			
Fukushima K (2021)	37	41	12	193	5.3%	0.84 [0.74, 0.94]	_		
Total (95% CI)		981		2258	100.0%	0.21 [0.06, 0.35]	•		
Total events	660		830						
Heterogeneity: Tau ² = 0.10;	Chi ² = 311	1.76, df	= 19 (P <	0.0000	1); I ² = 94 ⁹	%	1 1 1		
Test for overall effect: Z = 2		,		-1 -0.5 0 0.5					
		/					Favours [experimental] Favours [control]		

Figure S2. Forest plot of studies reporting age in patients with coronavirus disease 2019. SD, standard deviation; Std. Mean Difference, standardized mean difference; IV, inverse variance; CI, confidence interval; df, degree of freedom.

	Severe			Non-severe				Std. Mean difference	Std. Mean difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
Akdogan D (2021)	51.6	12.9	57	38.6	11.9	118	4.6%	1.06 [0.72, 1.39]	
Ayten O (2020)	64.3	12	27	52.6	12.2	46	3.8%	0.95 [0.45, 1.46]	
Azizmohammadi S (2021)	59.8	14.1	63	43.9	14.5	176	4.7%	1.10 [0.80, 1.41]	
Bonetti G (2020)	75.4	15	70	62.6	15	75	4.5%	0.85 [0.51, 1.19]	
Feng X (2020)	69.2	11.1	20	62.8	13.7	94	3.8%	0.48 [-0.01, 0.96]	
Fukushima K (2021)	67.3	18.4	41	44	20.9	193	4.5%	1.13 [0.78, 1.49]	
Gómez LC (2021)	76	14.2	166	64	12.7	376	5.2%	0.91 [0.72, 1.10]	_
Huang H (2021)	61.4	16.4	21	41.2	15.7	43	3.4%	1.25 [0.68, 1.82]	
Kantri A (2021)	65	13	45	42.3	20.3	89	4.3%	1.24 [0.85, 1.63]	
Kumar H (2021)	58.9	13.2	30	56.1	16.6	79	4.1%	0.18 [-0.24, 0.60]	
Mo P (2021)	60.7	14.3	85	45	17.4	70	4.6%	0.99 [0.65, 1.33]	
Pan F (2020)	67.7	9	89	63.7	21.6	35	4.3%	0.29 [-0.10, 0.68]	
Qin W (2021)	69.3	7.1	23	61.3	12.2	239	4.1%	0.67 [0.24, 1.10]	
Sepulchre E (2022)	66.5	14.4	60	60.3	20.2	138	4.7%	0.33 [0.03, 0.64]	-
Snipelisky D (2020)	61.9	15.5	42	60.5	17.7	144	4.5%	0.08 [-0.26, 0.42]	-
Vidal-Cevallos P (2021)	46.7	25.7	79	41.8	22.7	298	5.0%	0.21 [-0.04, 0.46]	-
Wang D (2020)	62.3	12.1	71	45.3	21.2	72	4.5%	0.98 [0.63, 1.33]	
Wang H (2020)	55.7	15	24	51	17	37	3.7%	0.29 [-0.23, 0.80]	
Wang Z (2020)	72.7	12	116	49.6	22.2	177	4.9%	1.22 [0.97, 1.48]	_
Yousaf MN (2022)	56.5	16.3	135	52.7	16	251	5.1%	0.24 [0.03, 0.45]	-
Zhang W (2021)	51.2	14.1	16	40.3	14.2	49	3.4%	0.76 [0.18, 1.34]	
Zheng F (2020)	56.5	15.2	30	52.7	16	131	4.3%	0.24 [-0.16, 0.64]	
Zhu Y (2020)	72.6	13.2	29	62.2	13.6	73	4.0%	0.77 [0.32, 1.21]	
Total (95% CI)			1339			3003	100.0%	0.70 [0.53, 0.88]	•
Heterogeneity: Tau ² = 0.14;	Chi ² = 1	26.40.							
Test for overall effect: Z = 8				-2 -1 0 1 2					
rock for orodan ondot. E = 0	.52 (1	0.0000	,						Favours [experimental] Favours [control]

Figure S3. Forest plot of Subgroup analysis reporting lactate dehydrogenase concentrations in patients with coronavirus disease 2019. SD, standard deviation; Std. Mean Difference, standardized mean difference; IV, inverse variance; CI, confidence interval; df, degree of freedom.

donn.									
		erimenta			Control			Std. Mean difference	Std. Mean difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
3.1.1 Death or discharge Ayten O (2020)	830 44	480.17	27	511.6	271.7	46	1.4%	0.87 [0.37, 1.37]	
Bonetti G (2020)	524	166	70	320.1	111.8	75	1.5%	1.44 [1.08, 1.81]	-
Kumar H (2021) Pan F (2020)	617.9	389.4	30	448.76	185.9	79	1.4%	0.65 [0.22, 1.08]	一
Qin W (2021)	516 458.4	180.1 136.5	89 23	378 245	195.6 80.6	35 239	1.5% 1.4%	0.74 [0.34, 1.15] 2.45 [1.98, 2.93]	
Sepulchre E (2022)	510.3	208.1	60	342.7	137.1	138	1.5%	1.03 [0.71, 1.35]	
Snipelisky D (2020) Vidal-Cevallos P (2021)	463 577	224 269.6	42 79	361 389.8	242 191.8	144 298	1.5% 1.6%	0.43 [0.08, 0.77] 0.89 [0.63, 1.14]	-
Wang Z (2020)	475.5	203.4	116	231.3	71.2	177	1.6%	1.75 [1.47, 2.02]	
Yousaf MN (2022) Zhu Y (2020)	702 785.47	375 274.4	135 29	498 352 1	348 140.91	251 73	1.6% 1.3%	0.57 [0.36, 0.78] 2.29 [1.75, 2.82]	-
Subtotal (95% CI)	700.47	214.4	700	332.1	140.31	1555	16.2%	1.18 [0.81, 1.54]	•
Heterogeneity: Tau ² = 0.34; Test for overall effect: Z = 6.			= 10 (P	< 0.0000)1); I ² = 9	2%			
	.50 (1- < 0	.00001)							
3.1.2 Severe or no-severe Akdogan D (2021)	241.53	82.38	57	191.36	37.48	118	1.5%	0.89 [0.56, 1.22]	-
Azizmohammadi S (2021)	311.3	82.7	63	213.7	75.5	176	1.5%	1.26 [0.95, 1.57]	-
Feng X (2020) Fukushima K (2021)	665.7 467.7	388.6 153.9	20 41	285.3 232.8	127.1 82.9	94 193	1.3% 1.5%	1.91 [1.37, 2.46] 2.37 [1.97, 2.77]	
Gómez LC (2021)	377.3	170.1	166	276.8	110.3	376	1.6%	0.76 [0.58, 0.95]	-
Huang H (2021)	356.9	204.6	21	209.2	52.2	43	1.3%	1.18 [0.61, 1.74]	-
Kantri A (2021) Mo P (2021)	327.3 306.7	111.8 181.7	45 85	210.3 259	66.3 106	89 70	1.5% 1.5%	1.38 [0.99, 1.78] 0.31 [-0.01, 0.63]	-
Wang D (2020)	349.3	162.7	71	208	78.7	72	1.5%	1.10 [0.75, 1.45]	-
Wang H (2020)	267.5 759.7	122.6 315.4	24 16	181.2 438.3	32.7 71	37 49	1.3% 1.2%	1.06 [0.51, 1.60]	—
Zhang W (2021) Zheng F (2020)	244.9	94.7	30	168	56	131	1.4%	1.91 [1.26, 2.57] 1.18 [0.76, 1.60]	-
Subtotal (95% CI)			639		\. 12 - CC	1448	17.1%	1.25 [0.94, 1.56]	•
Heterogeneity: Tau ² = 0.26; Test for overall effect: Z = 7.			17 (P <	0.00001); ı <u>*</u> = 88	1%			
3.1.4 In 2020 Ayten O (2020)	830 44	480.17	27	511.6	271.7	46	1.4%	0.87 [0.37, 1.37]	—
Bonetti G (2020)	524	166	70	320.1	111.8	75	1.5%	1.44 [1.08, 1.81]	-
Feng X (2020)	665.7	388.6	20	285.3	127.1	94	1.3%	1.91 [1.37, 2.46]	
Pan F (2020) Snipelisky D (2020)	516 463	180.1 224	89 42	378 361	195.6 242	35 144	1.5% 1.5%	0.74 [0.34, 1.15] 0.43 [0.08, 0.77]	
Wang D (2020)	349.3	162.7	71	208	78.7	72	1.5%	1.10 [0.75, 1.45]	-
Wang H (2020) Wang Z (2020)	267.5 475.5	122.6 203.4	24 116	181.2 231.3	32.7 71.2	37 177	1.3% 1.6%	1.06 [0.51, 1.60] 1.75 [1.47, 2.02]	—
Zheng F (2020)	244.9	94.7	30	168	56	131	1.4%	1.18 [0.76, 1.60]	
Zhu Y (2020)	785.47	274.4	29	352.1	140.91	73	1.3%	2.29 [1.75, 2.82]	
Subtotal (95% CI) Heterogeneity: Tau ² = 0.26;	Chi ² = 65	5.08. df = 1	518 9 (P <	0.00001)	: I² = 869	884 6	14.2%	1.27 [0.92, 1.61]	•
Test for overall effect: Z = 7.			0 (1	3.00001)	, 1 - 00 /	•			
3.1.5 In 2021									
Akdogan D (2021)	241.53	82.38	57	191.36	37.48	118	1.5%	0.89 [0.56, 1.22]	
Azizmohammadi S (2021)	311.3	82.7	63	213.7	75.5	176	1.5%	1.26 [0.95, 1.57]	
Fukushima K (2021) Gómez LC (2021)	467.7 377.3	153.9 170.1	41 166	232.8 276.8	82.9 110.3	193 376	1.5% 1.6%	2.37 [1.97, 2.77] 0.76 [0.58, 0.95]	-
Huang H (2021)	356.9	204.6	21	209.2	52.2	43	1.3%	1.18 [0.61, 1.74]	
Kantri A (2021) Kumar H (2021)	327.3 617.9	111.8 389.4	45 30	210.3 448.76	66.3 185.9	89 79	1.5% 1.4%	1.38 [0.99, 1.78] 0.65 [0.22, 1.08]	
Mo P (2021)	306.7	181.7	85	259	100.9	70	1.5%	0.31 [-0.01, 0.63]	-
Qin W (2021)	458.4	136.5	23	245	80.6	239	1.4%	2.45 [1.98, 2.93]	_ —
Vidal-Cevallos P (2021) Zhang W (2021)	577 759.7	269.6 315.4	79 16	389.8 438.3	191.8 71	298 49	1.6% 1.2%	0.89 [0.63, 1.14] 1.91 [1.26, 2.57]	· —
Subtotal (95% CI)			626			1730	16.0%	1.25 [0.89, 1.62]	•
Heterogeneity: Tau ² = 0.34; Test for overall effect: Z = 6.			= 10 (P	< 0.0000)1); I ² = 9	2%			
	., 0 (, - 0								
3.1.6 In 2022 Sepulchre E (2022)	510.3	208.1	60	342.7	137.1	138	1.5%	1.03 [0.71, 1.35]	-
Yousaf MN (2022)	702	375	135	498	348	251	1.6%	0.57 [0.36, 0.78]	-
Subtotal (95% CI) Heterogeneity: Tau ² = 0.09;	Chi2 - 5	56 df - 1	195	U3)· I3 –	020/	389	3.1%	0.78 [0.33, 1.24]	-
Test for overall effect: Z = 3.			, -0	J_,	/U				
3.1.7 In China									
Feng X (2020)	665.7	388.6	20	285.3	127.1	94	1.3%	1.91 [1.37, 2.46]	
Huang H (2021)	356.9	204.6	21	209.2	52.2	43	1.3%	1.18 [0.61, 1.74]	<u> </u>
Mo P (2021) Pan F (2020)	306.7 516	181.7 180.1	85 89	259 378	106 195.6	70 35	1.5% 1.5%	0.31 [-0.01, 0.63] 0.74 [0.34, 1.15]	
Qin W (2021)	458.4	136.5	23	245	80.6	239	1.4%	2.45 [1.98, 2.93]	
Wang D (2020) Wang H (2020)	349.3 267.5	162.7 122.6	71 24	208 181.2	78.7 32.7	72 37	1.5% 1.3%	1.10 [0.75, 1.45] 1.06 [0.51, 1.60]	-
Wang Z (2020)	475.5	203.4	116	231.3	71.2	177	1.6%	1.75 [1.47, 2.02]	-
Zhang W (2021)	759.7	315.4	16	438.3	71	49	1.2%	1.91 [1.26, 2.57]	
Zheng F (2020) Zhu Y (2020)	244.9 785.47	94.7 274.4	30 29	168 352.1	56 140.91	131 73	1.4% 1.3%	1.18 [0.76, 1.60] 2.29 [1.75, 2.82]	
Subtotal (95% CI)			524			1020	15.2%	1.43 [1.02, 1.84]	•
Heterogeneity: Tau ² = 0.42; Test for overall effect: Z = 6.			= 10 (P	< 0.0000)1); I ² = 9	90%			
	(, - (
3.1.8 In another country Akdogan D (2021)	241.53	82.38	57	191.36	37.48	118	1.5%	0.89 [0.56, 1.22]	—
Ayten O (2020)	830.44	480.17	27	511.6	271.7	46	1.4%	0.87 [0.37, 1.37]	
Azizmohammadi S (2021)	311.3	82.7	63	213.7	75.5	176	1.5%	1.26 [0.95, 1.57]	
Bonetti G (2020) Fukushima K (2021)	524 467.7	166 153.9	70 41	320.1 232.8	111.8 82.9	75 193	1.5% 1.5%	1.44 [1.08, 1.81] 2.37 [1.97, 2.77]	-
Gómez LC (2021)	377.3	170.1	166	276.8	110.3	376	1.6%	0.76 [0.58, 0.95]	
Kantri A (2021) Kumar H (2021)	327.3 617.9	111.8 389.4	45 30	210.3 448.76	66.3 185.9	89 79	1.5% 1.4%	1.38 [0.99, 1.78] 0.65 [0.22, 1.08]	
Sepulchre E (2022)	510.3	208.1	60	342.7	137.1	138	1.5%	1.03 [0.71, 1.35]	_
Snipelisky D (2020)	463	224	42	361	242	144	1.5%	0.43 [0.08, 0.77]	 -
Vidal-Cevallos P (2021) Yousaf MN (2022)	577 702	269.6 375	79 135	389.8 498	191.8 348	298 251	1.6% 1.6%	0.89 [0.63, 1.14] 0.57 [0.36, 0.78]	-
Subtotal (95% CI)			815			1983	18.1%	1.03 [0.78, 1.29]	◆
Heterogeneity: Tau ² = 0.18; Test for overall effect: Z = 7.			11 (P <	0.00001); I ² = 88	3%			
Total (95% CI)	(1 ~ (4017			9000	100.0%	1.21 [1.08, 1.34]	•
Heterogeneity: Tau ² = 0.26;	Chi ² = 64	7.64, df =		< 0.0000)1); I² = 9		. 50.076		-4 -2 0 2 4
Test for overall effect: Z = 1	8.24 (P <	0.00001)							-4 -2 0 2 4 Favours [experimental] Favours [control]
Test for subaroup difference	es: Chi² =	ъ.13. df =	ь (P =	U.41). I ²	= 2.1%				•

Figure S4. Forest plot of Subgroup analysis reporting aspartate aminotransferase concentrations in patients with coronavirus disease 2019. SD, standard deviation; Std. Mean Difference, standardized mean difference; IV, inverse variance; CI, confidence interval; df, degree of freedom.

0		eriment			Contr			Std. Mean difference	Std. Mean difference
Study or Subgroup	Mean	SD	Iotai	Mean	SD	Iotai	Weight	IV, Random, 95% CI	IV, Random, 95% CI
3.2.1 Death or discharge	42.42	26 24	27	28.09	1/1 17	46	1.2%	0.73 [0.24, 1.22]	
Ayten O (2020) Bonetti G (2020)	62.8	29.5	27 70	43	25.7	75	1.5%	0.73 [0.24, 1.22]	
Kumar H (2021)	81.3	51.1	30	66.5	33.6	79	1.3%	0.38 [-0.05, 0.80]	
Pan F (2020)	50	23.4	89	48	35.6	35	1.4%	0.07 [-0.32, 0.46]	
Qin W (2021) Sepulchre E (2022)	37.9 66.7	23.7 46.3	23 60	25.3 42	11.9 28.5	239 138	1.3% 1.6%	0.94 [0.51, 1.38] 0.71 [0.40, 1.02]	
Snipelisky D (2020)	66	48	42	38	22	144	1.5%	0.93 [0.58, 1.29]	
Vidal-Cevallos P (2021)	76.3	80	79	45.3	22.7	298	1.8%	0.74 [0.49, 1.00]	
Wang Z (2020) Yousaf MN (2022)	42 49	23.3	116 135	26.3 41	10.5 21	177 251	1.8% 1.9%	0.93 [0.69, 1.18] 0.29 [0.08, 0.50]	
Zhu Y (2020)	51	50	29	32	13	73	1.3%	0.66 [0.22, 1.10]	
Subtotal (95% CI)			700			1555	16.5%	0.64 [0.47, 0.82]	•
Heterogeneity: Tau ² = 0.06; Test for overall effect: Z = 7				P = 0.00	05); I² =	68%			
rest for overall effect. Z = 7	.12 (1 -	0.00001	,						
3.2.2 Severe or no-severe									
Akdogan D (2021) Azizmohammadi S (2021)		14.94	57 63	27.16 27	18.06 10.5	118 176	1.6% 1.7%	0.17 [-0.15, 0.48]	T _ _
Feng X (2020)	33.3 62.8	10.6 68	20	40.6	23.5	94	1.7%	0.60 [0.30, 0.89] 0.63 [0.14, 1.12]	
Fukushima K (2021)	53.7	28.4	41	28	13.4	193	1.5%	1.51 [1.15, 1.87]	
Gómez LC (2021)	39.7	23.2	166	31	16.4	376	2.0%	0.46 [0.28, 0.65]	<u> </u>
Huang H (2021) Kantri A (2021)	37 36.5	30.2 27.2	21 45	25 20.7	6.9 11.3	43 89	1.1% 1.4%	0.66 [0.12, 1.19] 0.86 [0.49, 1.24]	<u> </u>
Mo P (2021)	29	18.9	85	22.7	13.6	70	1.6%	0.37 [0.06, 0.69]	
Wang D (2020)	63.8	32.9	71	43.2	20	72	1.5%	0.75 [0.41, 1.09]	—
Wang H (2020)	32.4	11.3	24	22	11.3	37	1.0%	0.91 [0.37, 1.45]	
Zhang W (2021) Zheng F (2020)	31.1 35.6	17.2 18.3	16 30	23.7 23.7	9.2 7.3	49 131	1.0% 1.3%	0.63 [0.05, 1.20] 1.16 [0.74, 1.57]	
Subtotal (95% CI)			639			1448	16.8%	0.71 [0.50, 0.92]	•
Heterogeneity: Tau ² = 0.10				o.00	001); I²	= 76%			
Test for overall effect: Z = 6	5.59 (P <	0.00001)						
3.2.3 In 2020									
Ayten O (2020)		26.31	27	28.09	14.17	46	1.2%	0.73 [0.24, 1.22]	
Bonetti G (2020) Feng X (2020)	62.8	29.5	70 20	43 40.6	25.7 23.5	75 94	1.5%	0.71 [0.38, 1.05] 0.63 [0.14, 1.12]	
Pan F (2020)	62.8 50	68 23.4	20 89	40.6	35.6	35	1.2% 1.4%	0.63 [0.14, 1.12]	
Snipelisky D (2020)	66	48	42	38	22	144	1.5%	0.93 [0.58, 1.29]	
Wang D (2020)	63.8	32.9	71	43.2	20	72	1.5%	0.75 [0.41, 1.09]	
Wang H (2020) Wang Z (2020)	32.4 42	11.3 23.3	24 116	22 26.3	11.3 10.5	37 177	1.0% 1.8%	0.91 [0.37, 1.45] 0.93 [0.69, 1.18]	<u> </u>
Zheng F (2020)	35.6	18.3	30	23.7	7.3	131	1.3%	1.16 [0.74, 1.57]	
Zhu Y (2020)	51	50	29	32	13	73	1.3%	0.66 [0.22, 1.10]	
Subtotal (95% CI) Heterogeneity: Tau ² = 0.04	· Chi2 = 1	0 04 df	518	- 0.03	12 – 52	884	13.7%	0.75 [0.58, 0.93]	_
Test for overall effect: Z = 8				- 0.02)	1 - 55	70			
3.2.4 In 2021 Akdogan D (2021)	30.01	14.94	57	27.16	18.06	118	1.6%	0.17 [-0.15, 0.48]	
Azizmohammadi S (2021)	33.3	10.6	63	27	10.5	176	1.7%	0.60 [0.30, 0.89]	
Fukushima K (2021)	53.7	28.4	41	28	13.4	193	1.5%	1.51 [1.15, 1.87]	
Gómez LC (2021)	39.7	23.2	166	31	16.4	376	2.0%	0.46 [0.28, 0.65]	
Huang H (2021) Kantri A (2021)	37 36.5	30.2 27.2	21 45	25 20.7	6.9 11.3	43 89	1.1% 1.4%	0.66 [0.12, 1.19] 0.86 [0.49, 1.24]	
Kumar H (2021)	81.3	51.1	30	66.5	33.6	79	1.3%	0.38 [-0.05, 0.80]	
Mo P (2021)	29	18.9	85	22.7	13.6	70	1.6%	0.37 [0.06, 0.69]	<u> </u>
Qin W (2021) Vidal-Cevallos P (2021)	37.9 76.3	23.7 80	23 79	25.3 45.3	11.9 22.7	239 298	1.3% 1.8%	0.94 [0.51, 1.38] 0.74 [0.49, 1.00]	
Zhang W (2021)	31.1	17.2	16	23.7	9.2	49	1.0%	0.63 [0.05, 1.20]	
Subtotal (95% CI)			626			1730	16.1%	0.66 [0.45, 0.86]	•
Heterogeneity: Tau ² = 0.09; Test for overall effect: Z = 6				P < 0.00	001); l²	= 76%			
rest for overall effect. Z = t). 13 (1- <	0.00001	,						
3.2.5 In 2022									
Sepulchre E (2022) Yousaf MN (2022)	66.7 49	46.3 37	60 135	42 41	28.5 21	138 251	1.6% 1.9%	0.71 [0.40, 1.02] 0.29 [0.08, 0.50]	
Subtotal (95% CI)	49	31	195	41	21	389	3.5%	0.48 [0.07, 0.89]	•
Heterogeneity: Tau ² = 0.07			1 (P =	0.03);	² = 79%	6			
Test for overall effect: Z = 2	2.31 (P =	0.02)							
3.2.6 In China									
Feng X (2020)	62.8	68	20	40.6	23.5	94	1.2%	0.63 [0.14, 1.12]	
Huang H (2021)	37	30.2	21	25	6.9	43	1.1%	0.66 [0.12, 1.19]	
Mo P (2021) Pan F (2020)	29 50	18.9 23.4	85 89	22.7 48	13.6 35.6	70 35	1.6% 1.4%	0.37 [0.06, 0.69] 0.07 [-0.32, 0.46]	-
Qin W (2021)	37.9	23.7	23	25.3	11.9	239	1.3%	0.94 [0.51, 1.38]	
Wang D (2020)	63.8	32.9	71	43.2	20	72	1.5%	0.75 [0.41, 1.09]	
Wang H (2020)	32.4	11.3 23.3	24 116	22 26.3	11.3 10.5	37 177	1.0% 1.8%	0.91 [0.37, 1.45] 0.93 [0.69, 1.18]	
Wang Z (2020) Zhang W (2021)	42 31.1	17.2	116	26.3	9.2	49	1.8%	0.93 [0.69, 1.18]	<u> </u>
Zheng F (2020)	35.6	18.3	30	23.7	7.3	131	1.3%	1.16 [0.74, 1.57]	
Zhu Y (2020) Subtotal (95% CI)	51	50	29 524	32	13	73 1020	1.3% 14.4%	0.66 [0.22, 1.10]	
Subtotal (95% CI) Heterogeneity: Tau ² = 0.06	; Chi² = 2	4.01. df		P = 0.00	8); I ² =		14.4%	0.70 [0.51, 0.89]	•
Test for overall effect: Z = 7									
3.2.7 In another country									
Akdogan D (2021)	30.01	14.94	57	27.16	18.06	118	1.6%	0.17 [-0.15, 0.48]	+-
Ayten O (2020)	42.42	26.31	27	28.09	14.17	46	1.2%	0.73 [0.24, 1.22]	
Azizmohammadi S (2021)	33.3	10.6	63	27	10.5	176	1.7%	0.60 [0.30, 0.89]	
Bonetti G (2020) Fukushima K (2021)	62.8 53.7	29.5 28.4	70 41	43 28	25.7 13.4	75 193	1.5% 1.5%	0.71 [0.38, 1.05] 1.51 [1.15, 1.87]	
Gómez LC (2021)	39.7	23.2	166	31	16.4	376	2.0%	0.46 [0.28, 0.65]	—
Kantri A (2021)	36.5	27.2	45	20.7	11.3	89	1.4%	0.86 [0.49, 1.24]	
Kumar H (2021)	81.3 66.7	51.1 46.3	30 60	66.5 42	33.6 28.5	79 138	1.3% 1.6%	0.38 [-0.05, 0.80] 0.71 [0.40, 1.02]	
Sepulchre E (2022) Snipelisky D (2020)	66.7	46.3	42	42 38	28.5	138	1.5%	0.71 [0.40, 1.02] 0.93 [0.58, 1.29]	
Vidal-Cevallos P (2021)	76.3	80	79	45.3	22.7	298	1.8%	0.74 [0.49, 1.00]	
Yousaf MN (2022)	49	37	135	41	21	251	1.9%	0.29 [0.08, 0.50]	-
Subtotal (95% CI) Heterogeneity: Tau ² = 0.08;	: Chi² = 5	0.45 df	815 = 11 (F	2 < 0 00	0011- 12	1983 = 78%	18.9%	0.66 [0.47, 0.85]	•
Test for overall effect: $Z = 6$				0.00	J- 1/1 [. 570			
						0000	100.00/	0.60 (0.60 0.75	🛕
Total (95% CI) Heterogeneity: Tau ² = 0.07;	: Chi² = ?	30.50	4017 f = 68	(P < 0.0	00011		100.0% %	0.68 [0.60, 0.75]	
Test for overall effect: Z = 1				, - 0.0	5001);	- 107	•		-2 -1 0 1 2 Favours [experimental] Favours [control]
Test for subaroup difference	es: Chi² =	= 1.95. d	f = 6 (F	P = 0.92). I ² = 0	%			. avours [experimental] Favours [control]