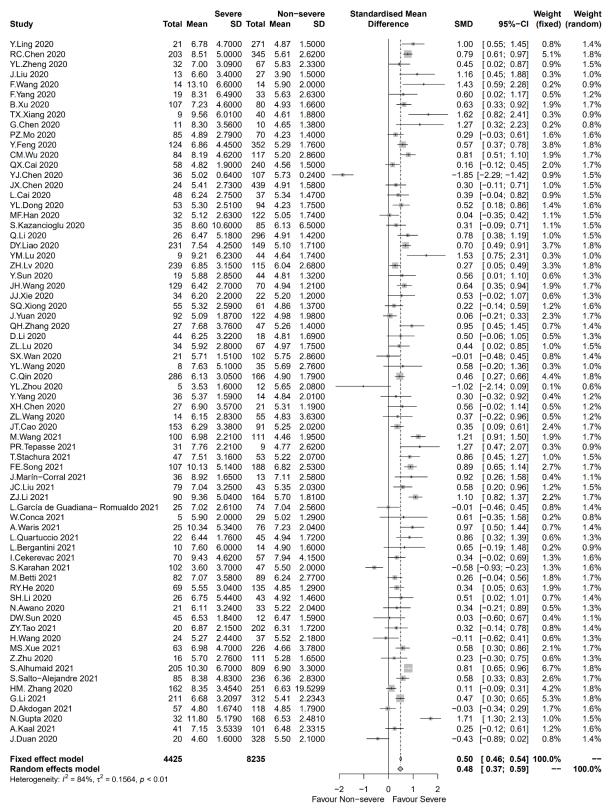
Figure E3 (A) Forest plots of hematological parameters in severe and non-severe patients of COVID-19

(1) WBC



(2) EOS

Study	Total	Severe Mean SD	Total	Non-severe Mean SD	Standardised Mean Difference	SMD	95%-CI	Weight (fixed)	Weight (random)
RC.Chen 2020	203	0.01 0.0140	345	0.02 0.0300	EE	-0.43	[-0.61; -0.26]	15.8%	6.7%
GC.Pei 2020	189	0.02 0.0390	144	0.03 0.0670	Ţ		[-0.52; -0.08]	10.2%	6.4%
TX.Xiang 2020	9	0.70 2.0800	40	0.02 0.0700	i	0.78	[0.04; 1.52]	0.9%	3.0%
QX.Cai 2020	58	0.01 0.0200	240	0.02 0.0400	 	-0.27	[-0.56; 0.02]	5.9%	6.0%
JX.Chen 2020	23	0.01 0.0100	444	0.02 0.1900	3 4	-0.05	[-0.47; 0.37]	2.8%	5.0%
S.Kazancioglu 2020	35	0.06 0.1200	85	0.11 0.2200	-}- 	-0.25	[-0.65; 0.14]	3.1%	5.1%
DY.Liao 2020	231	0.04 0.0300	149	0.05 0.0700		-0.20	[-0.41; 0.01]	11.4%	6.5%
YM.Lu 2020	9	0.03 0.0800	44	0.02 0.0700	3 -	0.14	[-0.58; 0.86]	0.9%	3.1%
Y.Sun 2020	19	0.05 0.0600	44	0.05 0.0600		0.00	[-0.54; 0.54]	1.7%	4.1%
QH.Zhang 2020	27	0.03 0.0400	47	0.08 0.0700	- * 	-0.81	[-1.30; -0.32]	2.0%	4.4%
C.Qin 2020	286	0.00 0.0001	166	0.00 0.0001		0.00	[-0.19; 0.19]	13.3%	6.6%
ZL.Wang 2020	14	0.00 0.0080	55	0.01 0.0080	-+ 3	-0.74	[-1.34; -0.14]	1.3%	3.7%
Y.Zhao(b) 2021	74	0.04 0.0700	211	0.04 0.0400	<u>;</u>	0.00	[-0.26; 0.26]	6.9%	6.1%
M.Betti 2021	82	0.01 0.0200	89	0.03 0.0300		-0.66	[-0.97; -0.35]	5.1%	5.8%
W.Huang 2021	102	0.12 0.1300	116	0.15 0.0960		-0.26	[-0.53; 0.00]	6.8%	6.1%
SH.Li 2020	26	0.00 0.0080	43	0.05 0.0770		-0.87	[-1.38; -0.36]	1.9%	4.3%
N.Awano 2020	21	0.01 0.0160	33	0.03 0.0460	- *3	-0.53	[-1.08; 0.03]	1.6%	4.0%
DW.Sun 2020	45	0.03 0.0300	12	0.17 0.0880		-2.92	[-3.76; -2.07]	0.7%	2.5%
ZY.Tao 2021	20	0.04 0.0600	202	0.10 0.0750	- <u>* </u>	-0.86	[-1.33; -0.40]	2.2%	4.6%
CL.Lei 2020	52	0.00 0.0076	245	0.02 0.0373		-0.50	[-0.80; -0.20]	5.3%	5.8%
Fixed effect model	1525		2754		0		[-0.38; -0.24]	100.0%	
Random effects mode	7-3				*	-0.39	[-0.55; -0.22]		100.0%
Heterogeneity: $I^2 = 79\%$,	$\tau^2 = 0.09$	98, $p < 0.01$							
					-3 -2 -1 0 1 2 3				

Favour Non-severe Favour Severe

Figure E3 (A) (Continued)

(3) Neu

Study	Total	Mean	Severe SD	Total	Non Mean	-severe SD	Standardised Mean Difference	SMD	95%-CI	Weight (fixed)	Weight (random)
Y.Ling 2020	21	4.06	1.3600	271	6.72	3.0100	I :	-0.91	[-1.36; -0.46]	1.0%	1.7%
YL.Zheng 2020	32	5.42	2.8400	67	3.78	2.0800		0.69	[0.26; 1.13]	1.0%	1.8%
J.Liu 2020	13	4.70	1.8200	27	2.14	1.0900	į 	1.84	[1.05; 2.63]	0.3%	1,0%
F.Wang 2020	14	12.00	6.6000	14	4.60	2.1000	÷ • •	1.47	[0.62; 2.32]	0.3%	1.0%
GC.Pei 2020	189		2.7600	144	3.09	1.4900	*	0.71	[0.49; 0.94]	3.9%	2.3%
F.Yang 2020	19		7.3700	33	3.88	2.1700		0.50	[-0.07; 1.08]	0.6%	1.4%
B.Xu 2020	107		4.4900	80	3.17	1.5300	-	0.81	[0.51; 1.11]	2.1%	2.1%
TX.Xiang 2020	9		4.6100	40	2.96	1.4100		2.06	[1.22; 2.90]	0.3%	1.0%
G.Chen 2020	11		3.5600	10	2.85	1.3800		1.44	[0.45; 2.42]	0.2%	0.8%
PZ.Mo 2020	85		2.3300	70	2.71	1.2500		0.38	[0.06; 0.70]	1.9%	2.0%
Y.Feng 2020	124		4.8600	352	3.52	1.5900		0.97	[0.75; 1.18]	4.2%	2.3%
CM.Wu 2020	84 58		4.6300	117	3.58 6.90	2.6500 2.5400		0.96	[0.66; 1.25]	2.2%	2.1%
QX.Cai 2020 JX.Chen 2020	23		3.1900	240 429	3.00	1.3700	1 1	1.00	[-0.08; 0.50] [0.57; 1.42]	2.3%	1.8%
L.Cai 2020	22		4.0400	19	4.38	1.6800	1		[-0.56; 0.66]	0.5%	1.4%
YL.Dong 2020	53		2.2700	94	2.54	1.3300	1 - 1	0.71	[0.37; 1.06]	1.6%	2.0%
MF.Han 2020	32		2.6200	122	3.46	1.6500	1.3	0.28	[-0.11; 0.67]	1.3%	1.9%
S.Kazancioglu 2020	35		9.3000	85	4.17	5.2900	- 1	0.38	[-0.01; 0.78]	1.2%	1.9%
DY.Liao 2020	231		4.1800	149	3.33	1.5100	-	0.78	[0.57; 1.00]	4.2%	2.3%
YM.Lu 2020	9		6.0900	44	3.10	1.3600	- E	1.81	[1.01; 2.61]	0.3%	1.0%
ZH.Lv 2020	239		3.1100	115	4.15	2.6700	-	0.37	[0.15; 0.60]	3.8%	2.3%
Y.Sun 2020	19		2.9400	44	2.80	0.9900		0.99	[0.42; 1.55]	0.6%	1.5%
JH.Wang 2020	129	5.03	2.9200	70	3.11	1.3600	- 	0.77	[0.47; 1.07]	2.1%	2.1%
JJ.Xie 2020	34	4.21	2.0000	22	2.91	0.9600	- -	0.77	[0.21; 1.32]	0.6%	1.5%
SQ.Xiong 2020	55	3.93	2.5100	61	2.94	1.2900		0.50	[0.13; 0.87]	1.4%	1.9%
J.Yuan 2020	92	3.34	1.7100	122	2.93	1.4800		0.26	[-0.01; 0.53]	2.6%	2.1%
QH.Zhang 2020	27	6.05	3.9800	47	3.20	1.1900	÷ •	1.10	[0.59; 1.60]	0.8%	1.6%
D.Li 2020	44	4.80	3.0900	18	2.97	1.6100	-	0.66	[0.10; 1.22]	0.6%	1.5%
ZL.Lu 2020	34		2.7800	67	2.83	1.3400	5-	0.96	[0.52; 1.39]	1.0%	1.8%
SX.Wan 2020	21		2.0700	102	3.29	0.6800	-	1.08	[0.59; 1.57]	0.8%	1.6%
C.Qin 2020	286		3.0500	166	3.24	1.7200		0.57	[0.38; 0.77]	5.1%	2.3%
Y.Yang 2020	36		1.8100	14	3.16	1.8600		-0.12		0.5%	1.3%
XH.Chen 2020	27		3.3800	21	3.51	1.1900	1 7	0.78	[0.18; 1.37]	0.6%	1.4%
ZL.Wang 2020	14		2.9200	55	2.15	0.8400	į	1.78	[1.12; 2.44]	0.4%	1.3%
JT.Cao 2020 T.Stachura 2021	153 47		3.3300	91 53	3.17	1.4700		0.56	[0.30; 0.83]	2.8%	2.2% 1.8%
JC.Liu 2021	79		3.7200	43	3.65	1.9200	1 2	0.71	[0.70; 1.55]	1.3%	1.9%
L.García de Guadiana - Romualdo 2021	25		2.6600	74	5.19	2.3700	1.3	0.28	[-0.18; 0.74]	0.9%	1.7%
Y.Zhao(b) 2021	74		5.9000	211	3.33	1.7500	1	0.20	[0.54; 1.08]	2.6%	2.1%
ZJ.Li 2021	90		5.1800	164	3.78	1.6600	-	1.30	[1.02; 1.59]	2.4%	2.1%
L.Quartuccio 2021	22		1.7400	45	3.45	1.7200		0.97	[0.43; 1.50]	0.7%	1.5%
S.Karahan 2021	102		5.1000	47	3.60	1.8000	-	1.08	[0.71; 1.44]	1.4%	1.9%
HM.Zhang 2020	162		3.9000	251	4.96	3.2400		0.57	[0.37; 0.77]	4.8%	2.3%
M.Betti 2021	82	5.60	2.9700	89	4.42	2.3000		0.44	[0.14; 0.75]	2.1%	2.1%
RY.He 2020	69	4.17	2.7400	135	2.78	1.1800	- - -	0.75	[0.45; 1.04]	2.2%	2.1%
W.Huang 2021	102	5.38	4.0900	116	3.28	1.2000	+	0.71	[0.44; 0.99]	2.6%	2.1%
SH.Li 2020	26	5.22	5.2400	43	2.77	1.1700	1	0.73	[0.22; 1.23]	0.8%	1.6%
DW.Sun 2020	45	4.81	1.8800	12	3.70	1.0900	+	0.63	[-0.02; 1.27]	0.5%	1.3%
ZY.Tao 2021	20		2.8700	202	3.81	1.3400	†•	0.95	[0.48; 1.42]	0.9%	1.7%
JM.Urra 2020	27		4.6000	145	5.10	3.2000	i	2.13	[1.66; 2.60]	0.9%	1.7%
H.Wang 2020	24		2.2000	37	3.33	1.3700	1 * 1	0.45	[-0.07; 0.97]	0.7%	1.6%
MS.Xue 2021	63		2.7700	226		13.0000	7	0.09	[-0.19; 0.37]	2.5%	2.1%
Z.Zhu 2020	16		3.5100	111	3.42	1.4000	*	0.47	[-0.06; 1.00]	0.7%	1.5%
S.Salto-Alejandre 2021	85		4.4500	236	4.53	2.5000		0.77	[0.51; 1.02]	3.0%	2.2%
S.Alhumaid 2021	205		3.6000	809	3.20	3.3000	100	0.51	[0.35; 0.66]	8.1%	2.4%
RC.Chen 2020	203	7.35	4.0430	345	3.98	2.5534	**	1.06	[0.87; 1.24]	5.7%	2.3%
Fixed effect model	3949			6816			•		[0.64; 0.73]	100.0%	
Random effects model	250						*	0.73	[0.63; 0.84]		100.0%
Heterogeneity: $I^2 = 80\%$, $\tau^2 = 0.1156$, $p < 0$.	01						0 4 6 4 6				
						Favor	-2 -1 0 1 2 ur Non-severe Favour Severe				
40.7											

(4) Bas

Study	Total	Mean	Severe SD		Non- Mean	severe SD	Standardised Mean Difference	SMD	95%-CI	Weight (fixed)	Weight (random)
RC.Chen 2020	203		0.0170			0.0070	*		[-0.17; 0.17]		21.1%
S.Kazancioglu 2020	35		0.4600			0.1300	1	0.55			
DY.Liao 2020	231	0.02	0.1000	149	0.02	0.0200	-2-	0.00	[-0.21; 0.21]	23.2%	19.7%
C.Qin 2020	286	0.00	0.0001	166	0.00	0.0001	-	0.00	[-0.19; 0.19]	26.9%	20.4%
SH.Li 2020	26	0.01	0.0080	43	0.02	0.0150		-0.23	[-0.72; 0.26]	4.1%	9.7%
DW.Sun 2020	45	0.02	0.0150	12	0.03	0.0140		-0.80	[-1.45; -0.14]	2.3%	6.5%
ZY.Tao 2021	20	0.01	0.0160	202	0.01	0.0080		-0.44	[-0.91; 0.02]	4.6%	10.4%
Fixed effect model Random effects model Heterogeneity: $I^2 = 65\%$, τ	_		0.01	1002					[-0.11; 0.08] [-0.25; 0.14]		 100.0%
							-1 -0.5 0 0.5 1				
						Favo	ur Non-severe Favour Severe	•			

(5) Mono

			Severe		Non	-severe	Stan	dardis	ed Mean			Weight	Weight
Study	Total	Mean	SD	Total	Mean	SD		Differe	nce	SMD	95%-CI	(fixed)	(random)
RC.Chen 2020	155	0.34	0.2100	345	0.35	0.1800		- 10	5	-0.05	[-0.24; 0.14]	11.8%	7.8%
J.Liu 2020	13	0.31	0.2500	27	0.34	0.2300	-	-3		-0.12	[-0.79; 0.54]	1.0%	1.9%
GC.Pei 2020	189	0.37	0.2000	144	0.41	0.1700	-	10		-0.21	[-0.43; 0.00]	9.0%	7.2%
B.Xu 2020	107	0.36	0.2200	80	0.41	0.1600	8-	100		-0.25	[-0.54; 0.04]	5.0%	5.7%
TX.Xiang 2020	9	0.37	0.2500	40	0.35	0.1400	-		•——	0.12	[-0.60; 0.84]	0.8%	1.7%
CM.Wu 2020	84	0.31	0.1800	117	0.34	0.1400	-	-		-0.19	[-0.47; 0.09]	5.4%	5.9%
JX.Chen 2020	13	0.33	0.1800	12	0.41	0.3400		• 3		-0.29	[-1.08; 0.50]	0.7%	1.4%
S.Kazancioglu 2020	35	0.60	1.0400	85	0.46	0.6800			*	0.17	[-0.22; 0.57]	2.7%	4.1%
DY.Liao 2020	231	0.45	0.1800	149	0.47	0.1900		-10		-0.11	[-0.31; 0.10]	10.0%	7.5%
YM.Lu 2020	9	0.49	0.3800	44	2.69	11.4100		+ 3		-0.21	[-0.93; 0.51]	0.8%	1.7%
Y.Sun 2020	19	0.35	0.9000	44	0.53	0.4300		* :		-0.29	[-0.83; 0.25]	1.5%	2.7%
SQ.Xiong 2020	55	0.40	0.3000	61	0.47	0.1500	_	B		-0.30	[-0.66; 0.07]	3.2%	4.5%
C.Qin 2020	286	0.40	0.1500	166	0.40	0.1500		- 100	-	0.00	[-0.19; 0.19]	11.6%	7.8%
ZL.Wang 2020	14	0.27	0.2200	55	0.34	0.1700		- ;-	_	-0.38	[-0.97; 0.21]	1.2%	2.3%
Y.Zhao(b) 2021	74	0.47	0.2900	211	0.36	0.1500		3	- 10	0.56	[0.29; 0.83]	5.9%	6.1%
ZJ.Li 2021	90	0.45	0.2700	164	0.52	0.1600	-	11 		-0.34	[-0.60; -0.08]	6.3%	6.3%
W.Huang 2021	102	0.59	0.2500	116	0.57	0.1900		1 10	-	0.09	[-0.18; 0.36]	6.0%	6.2%
SH.Li 2020	26	0.29	0.2200	43	0.40	0.1500	-			-0.61	[-1.10; -0.11]	1.7%	3.0%
DW.Sun 2020	45	0.51	0.2500	12	0.57	0.1300				-0.26	[-0.89; 0.38]	1.0%	2.1%
ZY.Tao 2021	20	0.48	0.2000	202	0.47	0.1400	- 5	3 =		0.07	[-0.39; 0.53]	2.0%	3.4%
H.Wang 2020	24	0.37	0.2500	37	0.41	0.1500		*:		-0.20	[-0.72; 0.31]	1.6%	2.9%
HM.Zhang 2020	162	0.38	0.3800	251	0.42	0.2000		- 10		-0.14	[-0.34; 0.06]	10.8%	7.6%
Fired offert model	4700			0405				1				400.00/	
Fixed effect model	1762			2405				0			[-0.15; -0.02]		
Random effects mode	200							9		-0.10	[-0.21; 0.00]		100.0%
Heterogeneity: $I^2 = 50\%$,	$\tau^{-} = 0.02$	253, p <	< 0.01						0.5				
						Favo	-1 -0.5 ur Non-se	511 SSAM.	0.5 1 Favour Severe				
						ravo	ui Non-se	vere i	avour Severe				

Figure E3 (A) (Continued)

(6) Lym

(0) Lym		Severe		Non-severe	Standardised Mean			Weight	Weight
Study	Total		Total		Difference	SMD	95%-CI		(random)
Y.Ling 2020	21	0.82 0.4500	271	1.18 0.4800	<u> </u>		[-1.20; -0.30]	0.8%	1.4%
RC.Chen 2020 YL.Zheng 2020	203 32	0.70 0.4400 2.19 1.4400	345 67	1.05 0.4800 1.64 1.1200	2 2 2 2		[-0.93; -0.57] [0.02; 0.87]	5.1% 0.9%	1.6% 1.4%
J.Liu 2020	13	0.67 0.1700	27	1.10 0.4700	-+3 -+3		[-1.76; -0.35]	0.3%	1.1%
F.Wang 2020	14	0.52 0.3800	14	0.85 0.3800	- 1 2 - 1 - 1 - 1 - 1		[-1.62; -0.06]	0.3%	1.0%
GC.Pei 2020	189	0.75 0.6100	144	1.06 0.5400	9		[-0.75; -0.31]	3.4%	1.6%
F.Yang 2020 B.Xu 2020	19 107	0.63 0.4800 0.68 0.3700	33 80	1.01 0.5400 1.24 0.5200	- 3 - 3 - 3 - 3		[-1.30; -0.14] [-1.58; -0.95]	0.5% 1.6%	1.2% 1.5%
TX.Xiang 2020	9	0.72 0.6600	40	1.26 0.6900			[-1.52; -0.04]	0.3%	1.1%
G.Chen 2020	11	0.70 0.3400	10	1.10 0.1700	→ 2 /2		[-2.38; -0.43]	0.2%	0.9%
PZ.Mo 2020 Y.Feng 2020	85 124	0.80 0.3600 0.63 0.5500	70 352	1.02 0.3700 0.79 0.4200	- 2		[-0.92; -0.28] [-0.56; -0.14]	1.6% 3.8%	1.5% 1.6%
CM.Wu 2020	84	0.72 0.3800	117	1.08 0.5500	*		[-0.36, -0.14] [-1.03; -0.45]	1.9%	1.5%
QX.Cai 2020	58	0.98 0.4100	240	1.42 0.6200	#	-0.75	[-1.04; -0.46]	1.9%	1.5%
YJ.Chen 2020	36	0.91 0.0200	107	1.27 0.0600	→		[-7.64; -5.88]	0.2%	0.9%
JX.Chen 2020 L.Cai 2020	24 22	0.72 0.4500 1.32 0.5100	429 19	1.27 0.6200 2.18 0.5500	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		[-1.31; -0.48] [-2.31; -0.88]	0.9% 0.3%	1.4% 1.1%
YL.Dong 2020	53	0.76 0.2900	94	1.21 0.4300	#		[-1.52; -0.80]	1.2%	1.4%
MF.Han 2020	32	0.84 0.3500	122	1.19 0.4600	+	-0.79	[-1.19; -0.39]	1.0%	1.4%
S.Kazancioglu 2020	35	1.25 1.1700	85	1.60 1.9900			[-0.59; 0.20]	1.0%	1.4%
Q.Li 2020 DY.Liao 2020	26 231	0.67 0.3100 0.82 0.5700	296 149	1.17 0.5100 1.23 0.5200	3		[-1.41; -0.59] [-0.96; -0.53]	1.0% 3.6%	1.4% 1.6%
YM.Lu 2020	9	0.58 0.2900	44	1.09 0.7400			[-1.46; 0.00]	0.3%	1.1%
ZH.Lv 2020	239	1.03 0.5700	115	1.31 0.5900			[-0.71; -0.26]	3.2%	1.6%
Y.Sun 2020	19	0.87 0.4900	44	1.53 0.4800			[-1.94; -0.76]	0.5%	1.2%
JH.Wang 2020 JJ.Xie 2020	129 34	0.91 0.5200 1.28 0.5800	70 22	1.26 0.5300 1.60 0.4500	<u> </u>		[-0.96; -0.37] [-1.14; -0.04]	1.8% 0.5%	1.5% 1.3%
SQ.Xiong 2020	55	0.86 0.3800	61	1.24 0.5300			[-1.19; -0.43]	1.1%	1.4%
QH.Zhang 2020	27	0.69 0.4100	47	1.45 0.6500	The second secon		[-1.83; -0.79]	0.6%	1.3%
D.Li 2020	44 34	0.92 0.5200	18 67	1.36 0.5600	-1		[-1.39; -0.25]	0.5%	1.3%
ZL.Lu 2020 SX.Wan 2020	21	0.80 0.3000 0.86 0.4000	102	1.59 0.6900 1.16 0.6000			[-1.78; -0.88] [-1.00; -0.05]	0.8% 0.7%	1.4% 1.3%
YL.Wang 2020	8	4.02 4.5800	35	2.63 1.5100	}		[-0.20; 1.36]	0.3%	1.0%
Y.Liu 2020	30	0.50 0.3500	46	1.27 0.4700	→ §		[-2.33; -1.24]	0.6%	1.3%
C.Qin 2020 YL.Zhou 2020	286 5	0.84 0.3700 0.65 0.3400	166 12	1.00 0.4500 1.22 0.4400			[-0.59; -0.21] [-2.46; -0.14]	4.4% 0.1%	1.6% 0.7%
Y.Yang 2020	36	1.18 0.4200	14	1.10 0.4800	-		[-0.44; 0.80]	0.1%	1.2%
XH.Chen 2020	27	0.70 0.5200	21	1.25 0.4600	 3	-1.09	[-1.71; -0.48]	0.4%	1.2%
ZL.Wang 2020	14	0.66 0.5200	55	1.20 0.3900	+1		[-1.90; -0.65]	0.4%	1.2%
JT.Cao 2020 M.Wang 2021	153 100	0.88 0.4200 0.70 0.2500	91 111	1.33 0.6600 1.03 0.4500	₹		[-1.13; -0.59] [-1.17; -0.61]	2.2% 2.0%	1.5% 1.5%
T.Stachura 2021	47	0.94 0.4300	53	1.37 0.4300			[-1.41; -0.58]	0.9%	1.4%
FE.Song 2021	107	1.14 0.5300	188	1.79 0.4600	■ 3		[-1.59; -1.07]	2.4%	1.5%
J.Marín-Corral 2021 JC.Liu 2021	36 79	0.82 0.1000 0.72 0.3800	13 43	1.60 1.2100 1.11 0.5600	-1		[-1.93; -0.56] [-1.25; -0.47]	0.3% 1.1%	1.1% 1.4%
L.Chen 2020	14	0.77 0.4100	15	0.95 0.2800	3		[-1.24; 0.24]	0.3%	1.1%
L.García de Guadiana- Romualdo 2021		0.95 0.4500	74	1.26 0.5700)		[-1.03; -0.11]	0.8%	1.4%
Y.Zhao(b) 2021	74	0.96 0.4100	211	1.13 0.4800	1		[-0.63; -0.10]	2.3%	1.5%
A.Waris 2021 ZJ.Li 2021	25 90	1.46 0.8400 0.65 0.3200	76 164	1.76 0.4300 1.19 0.5200			[-0.99; -0.08] [-1.45; -0.90]	0.8% 2.1%	1.4% 1.5%
L.Quartuccio 2021	22	0.79 0.3100	45	0.96 0.3100	-		[-1.06; -0.02]	0.6%	1.3%
I.Cekerevac 2021	70	1.65 1.8100	57	1.38 0.7900	<u>+</u>		[-0.16; 0.54]	1.3%	1.5%
S.Karahan 2021	102	5.30 5.2000	47 12	1.40 0.6000			[0.54; 1.26]	1.3%	1.4%
DW.Sun 2020 M.Betti 2021	45 82	1.20 0.4880 0.88 0.3500	89	1.98 0.5100 1.09 0.5300			[-2.26; -0.86] [-0.77; -0.16]	0.3% 1.8%	1.1% 1.5%
M.Eleni 2021	17	0.84 0.7100	68	1.10 0.5700	**************************************		[-0.97; 0.11]	0.6%	1.3%
RY.He 2020	69	0.75 0.2900	135	1.48 0.5700	# 1 17		[-1.80; -1.15]	1.6%	1.5%
W.Huang 2021 SH.Li 2020	102 26	1.35 0.6300 0.81 0.4800	116 43	1.83 0.6000 1.62 0.5700	3		[-1.05; -0.50] [-2.04; -0.94]	2.1% 0.5%	1.5% 1.3%
N.Awano 2020	21	0.85 0.5300	33	1.21 0.4400	- 3		[-2.04; -0.94] [-1.31; -0.18]	0.5%	1.3%
ZY.Tao 2021	20	1.04 0.6300	202	1.80 0.6000	+3 2	-1.26	[-1.73; -0.78]	0.7%	1.3%
JM.Urra 2020	27	0.73 0.4700	145	0.97 0.5300	*		[-0.87; -0.04]	1.0%	1.4%
H.Wang 2020 MS.Xue 2021	24 63	0.87 0.6000 1.14 0.5600	37 226	1.46 0.4600 1.56 0.5200			[-1.68; -0.57] [-1.08; -0.51]	0.5% 2.0%	1.3% 1.5%
HM.Zhang 2020	162	0.90 0.5400	251	1.19 0.5500	in the second		[-0.73; -0.33]	4.0%	1.6%
Z.Zhu 2020	16	0.80 0.5800	111	1.22 0.4700	*		[-1.40; -0.33]	0.6%	1.3%
S.Salto-Alejandre 2021	85	0.97 0.6000	236	1.21 0.5600	and the state of		[-0.67; -0.17]	2.6%	1.5%
S.Alhumaid 2021 CL.Lei 2020	205 52	1.30 1.5000 1.04 0.5337	809 245	1.20 1.6000 1.44 0.5220	3 Feb.		[-0.09; 0.22] [-1.07; -0.46]	6.9% 1.7%	1.6% 1.5%
D.Akdogan 2021	57	1.47 0.6200	118	1.57 0.6500	([-0.47; 0.16]	1.6%	1.5%
R.Gozalbo-Rovira 2020	24	1.93 2.8370	27	1.44 2.1759	 -		[-0.36; 0.75]	0.5%	1.3%
N.Gupta 2020	32	2.51 1.3800	168	2.22 0.8910	J	0.29	[-0.08; 0.67]	1.1%	1.4%
A.Kaal 2021 J.Duan 2020	41 20	0.87 0.4609 2.18 2.7127	101 328	1.01 0.4513 1.34 0.5212		-0.29 1.04	[-0.65; 0.08] [0.58; 1.49]	1.2% 0.8%	1.4% 1.4%
Fixed effect model	4579		8738		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		[-0.65; -0.57]		
Random effects model					, i		[-0.87; -0.61]		100.0%
Heterogeneity: $I^2 = 90\%$, $\tau^2 = 0.2833$, $p < 0$.01				-6 -4 -2 0 2 4 6				
(5) 5. 5.				Favo	our Non-severe Favour Severe	е			

(7) PLR

Study	Total Mean	Severe SD Total	Non-severe Mean SD	Standardised Mean Difference	SMD	95%-CI	Weight (fixed)	Weight (random)
MS.Asghar 2021 RC. Chen 2020 JM. Urra 2020 H.Wang 2020 HM. Zhang 2020 Z.Zhu 2020 MM.Aly 2021 A.Waris 2021 Yan. Zhao(b) 2021	61 257.60 203 295.90 27 297.60 24 242.22 162 379.82 16 209.12 311 199.06 25 202.73 74 294.83	164.1126 345 211.6000 145 161.5912 37 519.9549 251 150.0062 111 149.6707 185 259.5977 76	152.60 74.1600 208.87 104.1474 428.10 297.3000 153.38 48.6797 255.13 172.3399 168.67 64.1152 136.97 72.4756 147.02 49.9683 226.54 108.2345		0.81 0.35 0.51 0.49 0.41	[0.63; 1.27] [0.49; 0.85] [-0.87; -0.04] [0.28; 1.35] [0.15; 0.55] [-0.02; 1.03] [0.31; 0.67] [-0.05; 0.87] [0.19; 0.73]	7.7% 24.7% 4.6% 2.7% 19.8% 2.8% 23.0% 3.8% 10.9%	11.5% 14.2% 9.6% 7.6% 13.9% 7.7% 14.1% 8.9% 12.5%
Fixed effect model Random effects model Heterogeneity: $f^2 = 77\%$,		1491 0.01		-1 -0.5 0 0.5 1 ur Non-severe Favour Severe	0.47	[0.41; 0.59] [0.27; 0.68]	100.0%	100.0%

(8) LMR

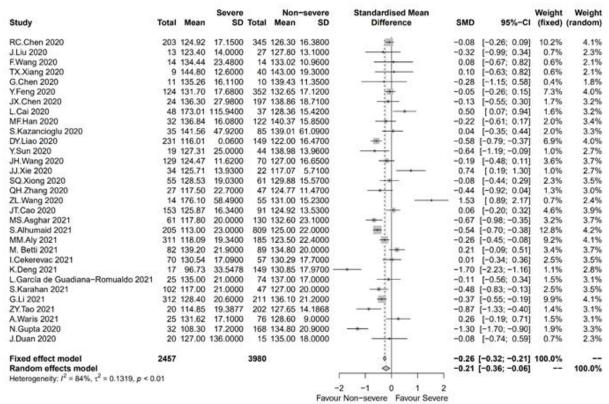
Study	Total M	Severe ean SD	Total	Non-sever Mean S		SMD	95%-CI	Weight (fixed)	Weight (random)
Y.Zhao(c) 2021 HM.Zhang 2020 A.Waris 2021 H.Wang 2020 MS.Asghar 2020	162 2 25 4 24 2 61 2	2.20 1.2200 2.33 1.4100 3.79 2.6200 2.57 1.0600 2.20 1.2000	211 251 76 37 130	3.11 1.560 3.15 0.260 7.50 2.170 3.65 1.200 3.67 1.650	0	-0.90 -1.18 -0.93 -0.96	[-0.88; -0.34] [-1.11; -0.70] [-1.66; -0.69] [-1.47; -0.39] [-1.28; -0.64]	17.0% 28.8% 5.3% 4.2% 12.1%	18.9% 23.9% 9.0% 7.5% 15.7%
MM.Aly 2021 Fixed effect model Random effects model Heterogeneity: $I^2 = 47\%$, τ	657	2.72 0.7000 , p = 0.09	185 890		*	-0.94 -0.93	[-1.30; -0.91] [-1.05; -0.83] [-1.10; -0.77]	32.6% 100.0% 	25.0% 100.0%

Figure E3 (A) (Continued)

(9) NLR

Study	Total Mea	Severe SD T	otal	Non-severe Mean SD	Standardised Mean Difference	SMD	95%-CI	Weight (fixed) (Weight random)
MS.Asghar 2021	61 11.4		130	4.01 4.2400	=		[0.82; 1.47]	6.7%	8.7%
RC. Chen 2020			345	4.06 3.4200	=	1.17	[,]	20.4%	9.7%
JM. Urra 2020	27 22.1	13.2000	145	7.30 6.7000		- 1.83	[1.38; 2.29]	3.4%	7.6%
H.Wang 2020	24 4.8	3.0892	37	2.60 1.7815		0.92	[0.38; 1.46]	2.4%	6.9%
HM. Zhang 2020	162 11.4	5 10.7836	251	5.86 5.0664	 }	0.71	[0.51; 0.92]	17.2%	9.6%
Z.Zhu 2020	16 6.1	6.3969	111	2.87 1.5398		1.25	[0.70; 1.79]	2.4%	6.9%
MM.Aly 2021	311 6.2	4.7760	185	1.87 1.4943	=	1.12	[0.93; 1.32]	18.7%	9.6%
L.García de Guadiana-Romualdo 2021	25 6.93	3 4.5673	74	4.53 3.4553		0.63	[0.17; 1.09]	3.3%	7.6%
W.Huang 2021	102 4.5	5.6393	116	3.24 1.4263	-	0.33	[0.06; 0.60]	9.9%	9.2%
A.Waris 2021	25 6.2	5.3026	76	3.41 1.6881	-+-	0.94	[0.47; 1.41]	3.2%	7.5%
J.Duan 2020	20 2.9	1.7000	328	3.10 2.6000	-+-	-0.08	[-0.53; 0.37]	3.5%	7.7%
ZJ.Li 2021	90 13.0	10.5480	164	3.48 2.3934		1.45	[1.17; 1.74]	8.7%	9.0%
Fixed effect model	1066	1	962		•	0.97	[0.89; 1.06]	100.0%	
Random effects model Heterogeneity: $I^2 = 87\%$, $\tau^2 = 0.1575$, $p < 0$.01					0.95	[0.70; 1.20]		100.0%
3170, 0 011010, p					-2 -1 0 1 2				
				Favo	ur Non-severe Favour Severe				

(10) HB



(11) PLT

RC.Chen 2020	,	ndardised Mean Difference SMD 959	Weight Weigh 6-Cl (fixed) (random
Liu 2020	hon 2020	-0.13 [-0.30]	0.051 7.9% 2.69
EWang 2020 14 1748 09 90,9700 14 186.90 79,3000		- N E	
T.X.Xiang 2020 9 175.40 57.9000 40 161.30 67.7000 — 0.21 [-0.51; 0 G.Chen 2020 11 137.00 16.06900 10 139.43 11.3500 — 0.16 [-1.02; 0 PZ.Mo 2020 85 160.06 62.5900 70 181.47 55.2600 — 0.06 [-1.02; 0 Y.Feng 2020 124 183.94 74.1600 352 189.91 68.4800 — 0.09 [-0.29; 0 V.J.Chen 2020 36 159.30 19.5100 107 204.60 7.3500 — 3.88 [-4.47; -3 J.K.Chen 2020 23 141.72 41.0900 411 184.41 62.5200 — 3.88 [-4.47; -3 J.X.Chen 2020 48 196.84 108.9000 37 209.34 80.2100 — 0.13 [-0.56; 0 M.F.Han 2020 32 175.50 85.7500 122 889.47 07.5200 — 0.13 [-0.56; 0 S.Kazancioglu 2020 35 289.36 279.1300 85 277.95 278.2800 — 0.04 [-0.35; 0 O.LI 2020 26 163.44 70.5900 296 183.81 61.0900 — 0.33 [-0.73; 0 Y.Sun 2020 19 188.21 71.8900 44 186.69 55.7800 — 0.05 [-0.26; 0 Y.Sun 2020 19 188.21 71.8900 44 186.69 55.7800 — 0.06 [-0.48; 0 Y.Sun 2020 34 225.40 119.4200 22 202.71 65.000 — 0.07 [-0.64; 0 Y.Juan 2020 37 186.22 90.0100 47 185.22 114.1800 — 0.27 [-0.64; 0 <			
G.Chen 2020			
PZ.Mo 2020 85 160.06 62.5900 70 18147 55.2600 -0.36 [-0.68] -0.68] -0.69] -0.29] 0 CM.Wu 2020 84 188.06 96.5500 117 186.26 74.6900 70 1.50000 70 1.5000 70 1.50000 70 1.50000 70 1.50000 70 1.50000			
Feng 2020			
CM.W2 020 84 188.06 96.550 1177 186.26 74.6900			
XJ.Chen 2020	9	31	
J.X.Chen 2020			
LCai 2020			
MFHan 2020 32 175.50 85.7500 122 189.14 70.5200 -0.18 -0.57; 0			
S.Kazancioglu 2020 35 289.36 279.1300 85 277.95 278.2800			
Q.Li 2020 26 163.44 70.5900 296 183.81 61.0900 -0.33 [-0.73; 0] DY.Liao 2020 13 191.32 139.3200 149 197.65 77.8500 -0.05 [-0.26; 0] J.H. Wang 2020 19 188.21 71.8900 44 184.69 55.7800 -0.06 [-0.48; 0] J.H. Wang 2020 129 229.90 92.9000 70 228.00 84.5000 0.02 [-0.27; 0] SQ. Xiong 2020 55 167.55 73.4600 61 187.12 69.9900 -0.27 [-0.64; 0] SQ. Xiong 2020 92 176.23 44.9800 122 196.50 60.5900 -0.27 [-0.64; 0] QH.Zhang 2020 27 185.22 90.0100 47 315.22 114.1800 -0.37 [-0.64; 0] QH.Zhang 2020 44 177.66 101.6400 18 238.21 83.6600 -0.62 [-1.18; -0] ZL.Lu 2020 34 166.26 44.3800 67 212.90 71.9000 -0.72 [-1.15; -0] YYang 2020 18 161.10 72.8000 93 190.88 70.4100 -0.42 [-0.93; 0] YYang 2020 14 176.10 58.4900 55 172.00 51.7700 -0.08 [-0.51; 0] YYang 2020 14 176.10 58.4900 55 172.00 51.7700 -0.08 [-0.51; 0] MS.Asghar 2020 61 271.93 146.4000 130 236.64 77.8400 -0.37 [-0.64; -0] MS.Asghar 2020			
DY.Liao 2020 231 191.32 139.3200 149 197.65 77.8500 -0.05 [-0.26; 0 Y.Sun 2020 19 188.21 71.8900 44 184.69 55.7800 0.06 [-0.48; 0 J.H.Wang 2020 129 229.90 92.9000 70 228.00 84.5000 0.02 [-0.27; 0 J.J.Xie 2020 34 225.40 119.4200 22 202.71 65.0000 0.02 [-0.32; 0 J.Yuan 2020 92 176.23 44.9800 122 196.50 60.5900 -0.27 [-0.64; 0 J.Yuan 2020 92 176.23 44.9800 122 196.50 60.5900 -0.37 [-0.64; -0 OH.Zhang 2020 27 185.22 90.0100 47 315.22 114.1800 -0.27 [-0.64; -0 D.Li 2020 44 177.66 1016.400 18 28.82.1 83.6600 -0.62 [-1.18; -0 ZL.Lu 2020 34 166.26 44.3800 67 212.90 71.9000 -0.72 [-1.15; -0 Jun.Zhang 2020 18 161.10 72.8000 93 190.88 70.4100 -0.42 [-0.93; 0 Y.Yang 2020 16 171.81; -0 58.4900 55 172.00 51.7700 -0.42 [-0.93; 0 ZL.Wang 2020 15 214.47 80.6400 130 236.64 77.8400 -0.37 [-0.64; -0 MS.Asghar 2020 61 271.93 146.4000 130 236.64 77.8400 -0.37 [-0.64; -0 MS.Asghar 2021 24 183.02 90.6266 37 217.53 52.8289 -0.51 [-0.80; -			[1] [2] [1] [4] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2
Y.Sun 2020 19 188.21 71.8900 44 184.69 55.7800			
JH.Wang 2020			
JJ.Xie 2020 34 225.40 119.4200 22 202.71 65.0000 -0.22 [-0.32; 0 SQ.Xiong 2020 55 167.55 73.4600 61 187.12 69.0900 -0.27 [-0.64; -0 QH.Zhang 2020 92 176.23 44.9800 122 196.50 60.5900 -0.37 [-0.64; -0 QH.Zhang 2020 27 185.22 90.0100 47 315.22 114.1800 -0.62 [-1.18; -0 QH.Zhang 2020 44 177.66 101.6400 18 238.21 83.6600 -0.62 [-1.18; -0 QH.Zhang 2020 34 166.26 44.3800 67 212.90 71.9000 -0.62 [-1.18; -0 QH.Zhang 2020 18 161.10 72.8000 93 190.88 70.4100 -0.42 [-0.93; 0 YYang 2020 36 169.35 47.1300 14 157.00 48.1900 -0.26 [-0.36; 0 QH.Zhang 2020 14 176.10 58.4900 55 172.00 51.7700 -0.26 [-0.36; 0 QH.Zhang 2020 153 214.47 80.6400 91 245.06 83.2400 -0.37 [-0.64; -0 QH.Zhang 2020 69 175.59 58.162 135 209.84 77.8400 -0.34 [0.03; 0 QH.Zhang 2020 69 175.59 58.162 135 209.84 77.8400 -0.34 [0.03; 0 QH.Zhang 2020 69 175.59 58.162 135 209.84 70.4398 -0.51 [-0.80; -0 QH.Zhang 2020 153.3000 809 285.60 123.1000 -0.49 [-1.01; 0 S.Alhumaid 2021 205 290.20 153.3000 809 285.60 123.1000 -0.49 [-1.01; 0 S.Alhumaid 2021 82 139.20 21.9000 89 134.82 20.0000 -0.72 [-1.56; 0 QH.Zhang 2021 17 144.77 75.9877 68 209.82 70.6279 -0.25 [-0.75; 0 QH.Zhang 2021 17 144.77 475.9877 68 209.82 70.6279 -0.25 [-0.75; 0 QH.Zhang 2021 17 144.74 75.9877 68 209.82 70.6279 -0.41 [-0.86; 0 QH.Zhang 2021 17 143.74 75.9877 68 209.82 70.6279 -0.41 [-0.36; 0 QH.Zhang 2021 17 143.74 75.9877 68 209.82 70.6279 -0.41 [-0.36; 0 QH.Zhang 2021 17 143.74 75.9877 68 209.82 70.6279 -0.41 [-0.36; 0 QH.Zhang 2021 17 143.74 75.9877 68 209.82 70.6279 -0.41 [-0.36; 0 QH.Zhang 2021 17 143.74 75.9877 68 209.82 70.6279 -0.41 [-0.36; 0 QH.Zhang 2021 17 143.74 75.9877 68 209.82 70.6279 -0.41 [-0.36; 0 QH.Zhang 2021 17 143.74 75.9877 68 209.82 70.6279 -0.41 [-0.36; 0 QH.Zhang 2021 17 143.74 75.9877 68 209.82 70.6279 -0.41 [-0.36; 0 QH.Zhang 2021 17 143.74 75.9877 68 209.82 70.6279 -0.41 [-0.36; 0 QH.Zhang 2021 17 143.74 75.9877 68 209.82 70.6279 -0.41 [-0.36; 0 QH.Zhang 2020 17 142.87 80.2030 17 142.87 80.2030 17 142.87 80.2030 17 142.87 80.2030 17 142.87 80.2030 17 142.87 80.2030 17			
SQ.Xiong 2020 55 167.55 73.4600 61 187.12 69.0900 -0.27 [-0.64; 0] J.Yuan 2020 92 176.23 44.9800 122 196.50 60.5900 -0.37 [-0.64; 0] O.H.Zhang 2020 14 176.61 101.6400 18 238.21 83.6600 -0.62 [-1.18; -0] D.Li 2020 34 166.26 44.3800 67 212.90 71.9000 -0.72 [-1.15; -0] J.yu.Zhang 2020 18 161.10 72.8000 93 190.88 70.4100 -0.72 [-1.15; -0] Y.Yang 2020 36 169.35 47.1300 14 157.00 48.1900 -0.26 [-0.36; 0] J.T.Cao 2020 153 214.47 80.6400 91 245.06 83.2400 -0.37 [-0.64; -0] MS.Asghar 2020 153 214.47 80.6400 91 245.06 83.2400 -0.37 [-0.64; -0] MS.Asghar 2020 61 271.93 146.4000 130 236.64 77.8400 -0.34 [0.03; 0] RY.He 2020 69 175.59 59.8162 135 209.84 70.4398 -0.51 [-0.80; -0] H.Wang 2020 24 183.02 90.6266 37 217.53 52.8289 -0.49 [-1.01; 0] MM.Aly 2021 311 241.57 121.0800 185 201.19 95.6379 -0.49 [-1.01; 0] MM.Aly 2021 10 183.70 62.0000 14 278.00 156.0000 -0.72 [-1.56; 0] M. Betti 2021 82 139.20 21.9000 89 134.82 20.0000 -0.72 [-1.56; 0] M. Betti 2021 17 143.74 75.9877 68 209.82 70.6279 -0.91 [-1.61; 0] M. Betti 2021 107 230.08 102.5700 188 240.19 77.3225 -0.41 [-0.86; 0] K.García de Guadiana-Romualdo 2021 25 181.36 47.9532 74 209.93 75.6082 -0.41 [-0.36; 0] C.Karahan 2021 107 230.08 102.5700 188 240.19 77.3225 -0.41 [-0.36; 0] C.Karahan 2021 107 230.08 102.5700 188 240.19 77.3225 -0.41 [-0.36; 0] C.Karahan 2021 107 230.08 102.5700 188 240.19 77.3225 -0.41 [-0.36; 0] C.Karahan 2021 107 230.08 102.5700 188 240.19 77.3225 -0.41 [-0.36; 0] C.Karahan 2021 107 230.08 102.5700 188 240.19 77.3225 -0.41 [-0.36; 0] C.Keerevac 2021 70 281.94 125.1900 57 264.25 110.7870 -0.51 [-0.20; 0] C.Keerevac 2021 70 281.94 125.1900 57 264.25 110.7870 -0.50 [-0.20; 0] C.Keerevac 2021 70 281.94 125.1900 77.0300 -0.50 [-0.20; 0] C.Geerevac 2021 70 281.94 125.1900 77.0300 -0.50 [-0.20; 0] C.Geerevac 2021 70 281.94 125.1900 77.0300 -0.50 [-0.20; 0] C.Geerevac 2021 70 281.94 125.1900 77.0300 -0.50 [-0.20; 0] C.Geerevac 2021 70 281.94 125.1900 77.0300 -0.50 [-0.20; 0] C.Geerevac 2021 71.01 120.00 78.0000 77.0000 -0.50 [-0.20; 0] C.Geerevac 2021 71.01			
J.Yuan 2020 92 176.23 44.9800 122 196.50 60.5900			
QH.Zhang 2020 27 185.22 90.0100 47 315.22 114.1800 — 1.21 [-1.73; -0 D.Li 2020 44 177.66 101.6400 18 238.21 83.6600 — 0.62 [-1.18; -0 ZL.Lu 2020 34 166.26 44.3800 67 212.90 71.9000 — 0.72 [-1.15; -0 Jun.Zhang 2020 18 161.10 72.8000 93 190.88 70.4100 — 0.42 [-0.93; 0 YYang 2020 36 169.35 47.1300 14 157.00 48.1900 — 0.26 [-0.36; 0 ZL.Wang 2020 153 214.47 80.6400 91 245.06 83.2400 — 0.37 [-0.64; -0 MS.Asghar 2020 153 214.47 80.6400 91 245.06 83.2400 — 0.37 [-0.64; -0 MS.Asghar 2020 61 271.93 146.4000 130 236.64 77.8400 — 0.34 [0.03; 0 RY.He 2020 69 175.59 59.8162 135 209.84 70.4398 — 0.51 [-0.80; -0 H.Wang 2020 24 183.02 90.6266 37 217.53 52.8289 — 0.49 [-1.01; 0 S.Alhumaid 2021 205 290.20 153.3000 809 285.60 123.1000 0.04 [-0.12; 0 MM.Aly 2021 11 241.57 121.0800 185 201.19 95.6379 0.36 [0.18; 0 L.Bergantini 2021 10 183.70 62.0000 14 278.00 156.0000 — 0.72 [-1.56; 0 M. Eleni 2021 17 194.17 125.2989 149 211.94 62.5079 — 0.25 [-0.75;			
D.Li 2020			
ZL.Lu 2020			
Jun.Zhang 2020 18 161.10 72.8000 93 190.88 70.4100 -0.42 [-0.93; 0 YYang 2020 36 169.35 47.1300 14 157.00 48.1900 -0.26 [-0.36; 0 C.26 [-0.36			
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L.García de Guadiana-Romualdo 2021 25 181.36 47.9532 74 209.93 75.6082 -0.41 [-0.86; 0 S.Karahan 2021 102 230.70 100.3000 47 224.30 92.9000 0.06 [-0.28; 0 FE. Song 2021 107 230.08 102.5700 188 240.19 77.3225 -0.12 [-0.35; 0 ZYTao 2021 20 211.28 78.0293 202 232.94 69.2914 -0.31 [-0.77; 0 A.Waris 2021 25 179.63 103.2162 76 218.67 45.2887 -0.60 [-1.06; -0 I.Cekerevac 2021 70 281.94 125.1900 57 264.25 110.7870 0.15 [-0.20; 0 N.Gupta 2020 32 211.00 93.5290 168 192.00 7.0380 0.50 [0.12; 0 A.Kaal 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 O.50 [-1.06; -0 I.Cekerevac 2020] 10.0000 10.0000 10.0000 10.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.00000 0.00000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.0000 0.000000	ig 2021	-0.25 [-0.75;	0.25] 0.9% 2.0%
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FE.Song 2021 107 230.08 102.5700 188 240.19 77.3225 -0.12 [-0.35; 0] ZY.Tao 2021 20 211.28 78.0293 202 232.94 69.2914 -0.31 [-0.77; 0] A.Waris 2021 25 179.63 103.2162 76 218.67 45.2887 -0.60 [-1.06; -0] I.Cekerevac 2021 70 281.94 125.1900 76 246.25 110.7870 -0.15 [-0.20; 0] N.Gupta 2020 32 211.00 93.5290 168 192.00 7.0380 -0.50 [0.12; 0] A.Kaal 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0] J.Duan 2020 20 127.00 34.0000 328 196.00 75.0000 -0.94 [-1.40; -0]	cía de Guadiana-Romualdo 2021	-0.41 [-0.86;	0.05] 1.1% 2.19
ZY.Tao 2021 20 211.28 78.0293 202 232.94 69.2914 -0.31 [-0.77; 0 A.Waris 2021 25 179.63 103.2162 76 218.67 45.2887 -0.60 [-1.06; -0 I.Cekerevac 2021 70 281.94 125.1900 57 264.25 110.7870 0.15 [-0.20; 0 N.Gupta 2020 32 211.00 93.5290 168 192.00 7.0380 05.000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 201.00 78.0000 101 202.00 65.0000 -0.01 [-0.38; 0 I.Cekerevac 2021 41 20	ahan 2021	0.06 [-0.28;	0.41] 2.0% 2.49
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J.Duan 2020 20 127.00 34.0000 328 196.00 75.0000	ota 2020	0.50 [0.12;	
2000 1000 1000 1000 1000 1000 1000 1000		-0.01 [-0.38;	
ZJ.Li 2021 90 181.00 96.0000 164 252.00 95.0000 # -0.74 [-1.01; -0	n 2020	-0.94 [-1.40; -	0.48] 1.1% 2.19
3	2021	-0.74 [-1.01; -	0.48] 3.4% 2.5%
Fixed effect model 2957 5907 -0.15 [-0.20; -0.			
Random effects model -0.27 [-0.41; -0.41]		-0.27 [-0.41; -	0.13] 100.0%
Heterogeneity: $I^2 = 86\%$, $\tau^2 = 0.1807$, $\rho < 0.01$	geneity: $I^z = 86\%$, $\tau^z = 0.1807$, $\rho < 0$.	1 1 1	

(1) WBC

			urvivors			rvivors	Standardised Mean			Weight	Weight
Study	Total	Mean	SD	Total	Mean	SD	Difference	SMD	95%−CI	(fixed)	(random)
RC.Chen 2020	103	9.37	5.1900	445	5.92	2.9200	-	1.00	[0.77; 1.22]	2.3%	2.3%
F.Zhou 2020	54	10.22	5.3400	137	5.76	2.5500	-	1.25	[0.91; 1.59]	1.0%	2.1%
YL.Yan 2020	39	9.57	5.5000	9	5.38	3.5700	 	0.79	[0.05; 1.53]	0.2%	1.3%
RH.Du 2020	21	8.94	6.6000	158		2.8200	+-	1.02	[0.55; 1.48]	0.5%	1.8%
TL.Chen 2020			17.6200	36		9.2600	++	0.39	[-0.17; 0.95]	0.4%	1.6%
T.Chen 2020	113	9.98	5.5600	161		1.9400	-	1.28	[1.02; 1.55]	1.6%	2.2%
L.Wang 2020	65	9.07	6.0500	274		2.3000		0.96	[0.68; 1.24]	1.4%	2.2%
DJ.Altschul 2020	621	8.52	4.3100	1733		3.1900		0.36	[0.27; 0.45]	13.3%	2.4%
F.Ciceri 2020	93 20	8.17	4.7400 5.3600	288 94		2.5300	1	0.56 0.95	[0.32; 0.79]	2.0%	2.2% 1.7%
XB.Feng 2020 Y.Jiang 2020	72	8.78 9.31	4.6400	143		2.4900 2.2700]	1.13	[0.46; 1.45] [0.83; 1.43]	0.5% 1.2%	2.1%
Z.Wang 2020	116	8.53	5.0300	177		1.7700		0.99	[0.74; 1.23]	1.8%	2.1%
Y.Huang 2020	15	7.76	3.6100	136		2.0000		0.71	[0.17; 1.25]	0.4%	1.7%
H.Yang 2020		10.42	6.9800	81		2.4900		1.28	[0.67; 1.90]	0.3%	1.5%
Y.Zhao 2020	125	8.22	5.4500	414		2.0800	_	0.92	[0.72; 1.13]	2.6%	2.3%
Jing.Zhang 2021	26	8.41	4.8600	182			-	0.63	[0.22; 1.05]	0.7%	1.9%
R.Zayat 2021	8	12.90	3.0000	9	14.90	9.3000		-0.27	[-1.23; 0.69]	0.1%	1.0%
LK. Xiong 2021	85	8.73	5.2000	105	5.97	1.8900		0.73	[0.44; 1.03]	1.3%	2.1%
ZG.Wang 2021	56	8.68	5.4000	100		2.0300	 	0.80	[0.46; 1.14]	1.0%	2.1%
FF.Sai 2021		12.02	6.5700	32		4.7800	<u> </u>	0.74	[0.11; 1.38]	0.3%	1.5%
WD.Qin 2021	23	9.08	5.2900	239		1.9400		1.55	[1.10; 1.99]	0.6%	1.8%
OM. Peiro 2021	37	7.72	3.9300	159		2.9200	+	0.43	[0.07; 0.79]	0.9%	2.0%
IH.Özdemir 2021		10.25	7.0000 4.5400	295		3.4300	1 1	0.61	[0.32; 0.90]	1.3%	2.1%
YJ.Lu 2021 G.Li 2021	40 95	9.95 7.85	3.9900	37 116		2.8500 2.7800	1	0.88 0.59	[0.41; 1.35]	0.5% 1.5%	1.8% 2.2%
L.García de Guadiana− Romualdo 2021	14	7.83	3.4500	85		2.4700		0.09	[0.32; 0.87] [-0.49; 0.64]	0.4%	1.6%
P.Sinha 2020		11.52	3.6400	22		3.3300			[-0.08; 1.21]	0.4%	1.4%
B.Xu 2020	28	7.17	4.1800	117		2.4400		0.64	[0.22; 1.05]	0.6%	1.9%
CM.Wu 2020	44	8.65	4.2500	40		4.9500	1-1	0.22		0.6%	1.9%
CT.Yang 2021	58	9.04	6.0800	145	5.64	2.7000	 	0.85	[0.54; 1.17]	1.1%	2.1%
R.Scotto 2021	15	10.79	6.5200	19	6.73	3.7200		0.77	[0.07; 1.48]	0.2%	1.3%
E.Sozio 2021	28	8.66	5.3400	83		2.3700	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.83	[0.39; 1.27]	0.6%	1.8%
M. Bellan 2021	211	8.75	4.6300	453		3.4200	=	0.40	[0.23; 0.56]	4.2%	2.3%
S.Karahan 2021	69	2.40	2.9000	80		2.9000	-		[-1.52; -0.82]	0.9%	2.0%
G.Montrucchio 2021		15.13	8.4400		10.14			0.67	[0.13; 1.21]	0.4%	1.7%
J.Wang 2020 G.Açiksari 2021	16	8.22 12.75	1.2200 8.1100	103 187		0.3700 2.3200		- 3.09 1.69	[2.43; 3.75] [1.30; 2.08]	0.3% 0.7%	1.4% 2.0%
M.Elhadi 2021		12.75	5.8100	184		2.5400		1.57	[1.36; 1.78]	2.5%	2.0%
A.López-Escobar 2021	321	8.75	4.6200	1767		2.6000		0.72	[0.60; 0.84]	7.7%	2.4%
S.Nakamura 2021	11	7.50	7.7200	21		2.1500	1.5	0.49	[-0.25; 1.23]	0.2%	1.3%
MC.Viana-Llamas 2021	128	7.59	3.4500	481		2.6800	-	0.29	[0.09; 0.48]	3.0%	2.3%
JG.Park 2020	70	8.19	5.2400	219	6.04	2.0400	+	0.69	[0.41; 0.96]	1.5%	2.2%
SA. Namendys-Silva 2021	85		4.6800		10.61		+	-0.08	[-0.39; 0.23]	1.2%	2.1%
Jun.Zhang 2020	18	6.91	4.8800	93		1.9400	 	0.99	[0.47; 1.51]	0.4%	1.7%
J.Berenguer 2020	1131	7.13	3.3200	2904		2.3000	+ 	0.51	[0.44; 0.58]	23.4%	2.4%
S.Ahmad 2021		13.46	6.7562	906		3.6382	*	1.28	[1.08; 1.48]	2.8%	2.3%
O.Albalawi 2021		12.60	6.2000	93		4.9000	- -	0.61	[0.17; 1.05]	0.6%	1.9%
H.Arikan 2021 A.d'Arminio Monforte 2020	225 174	8.98 7.72	4.7677 4.1788	353 367		3.5953 2.8803	-	0.32	[0.15; 0.49]	4.0% 3.4%	2.3% 2.3%
KY.Li 2020	174	8.56	4.6620	87		2.7892		0.34	[0.16; 0.52] [0.22; 1.33]	0.4%	1.6%
T.Li 2021	9	7.81	2.2600	63		1.9700	<u> </u>	0.76	[0.22, 1.33]	0.4%	1.0%
G.Aksel 2021	32	9.79	5.4710	136		3.3194	_ 	0.60	[0.21; 0.99]	0.2%	2.0%
									,,		
Fixed effect model	5133			14678			[*	0.62	[0.59; 0.66]	100.0%	
Random effects model							*	0.74	[0.62; 0.86]		100.0%
Heterogeneity: $I^2 = 90\%$, $\tau^2 = 0.1560$, $p < 0$.01						-3 -2 -1 0 1 2 3				
						Fa	vour Survivors Favour Non-sı	ırvivore			
						10	carriroro i aroai ivon se				

(2) Neu

(2) Neu											
			urvivors			rvivors	Standardised Mean			Weight	
Study	Total	Mean	SD	Total	Mean	SD	Difference	SMD	95%−CI	(fixed)	(random)
RC.Chen 2020	103	8.36	4.8400	445	4.28	2.8400	- Can-	1.23	[1.01; 1.46]	3.0%	2.8%
YL.Yan 2020	39	8.66	5.4800	9		2.7300			[0.21; 1.71]	0.3%	1.6%
RH.Du 2020	21	7.37		158		2.6200	-		[0.47; 1.40]	0.7%	2.3%
TL.Chen 2020	19	9.82	15.2100	36		9.2600	 • •		[-0.25; 0.86]	0.5%	2.1%
T.Chen 2020	113	9.04	5.4800	161		1.5700			[1.25; 1.79]	2.1%	2.7%
L.Wang 2020	65	7.92	5.6000	274		2.4900			[0.83; 1.40]	1.9%	2.7%
L.Cai 2020		10.36	6.6100	15		1.8000	‡:		[0.69; 2.82]	0.1%	1.1%
F.Ciceri 2020	92	6.79	4.0700	288		2.5300			[0.41; 0.89]	2.7%	2.8%
XB.Feng 2020	20	6.75	3.6000	94	3.77	2.0300	:		[0.74; 1.76]	0.6%	2.2%
H.Huang 2020	10	4.28	3.5300	40	2.95	1.7000	 		[-0.10; 1.31]	0.3%	1.7%
Y.Jiang 2020	72	8.18	5.0800	143	3.96	2.4800	 		[0.88; 1.48]	1.7%	2.7%
Z.Wang 2020	116	7.19	4.7700	177	3.18	1.6400	-		[0.97; 1.48]	2.4%	2.8%
H.Yang 2020	13	9.57	6.9700	81	4.15	2.4100			[0.96; 2.22]	0.4%	1.9%
Jing.Zhang 2021	26	7.00	4.8600	182	4.58	2.4700	1	0.84	[0.42; 1.26]	0.9%	2.4%
LK. Xiong 2021	85	7.50	5.0900	105	3.69	1.5900		1.05	[0.75; 1.36]	1.7%	2.7%
ZG.Wang 2021	56	7.58	5.1700	100		1.8800	17		[0.79; 1.49]	1.2%	2.6%
FF.Sai 2021	15	10.64	5.6100	32	6.23	4.2600		0.92	[0.28; 1.56]	0.4%	1.9%
WD.Qin 2021	23	8.12	5.2200	239	3.48	1.7200	-	2.07	[1.60; 2.53]	0.7%	2.3%
YJ.Lu 2021	40	8.91	4.6900	37	5.11	2.3900	+		[0.52; 1.47]	0.7%	2.3%
L.García de Guadiana- Romualdo 2021	14	5.98	3.3100	85	5.21	2.3800	+++	0.30	[-0.26; 0.87]	0.5%	2.0%
Yang.Zhao 2020	125	7.09	5.4000	414	3.35	1.7400	+	1.24	[1.03; 1.45]	3.4%	2.9%
B.Xu 2020	28	5.92	3.9600	117	3.71	2.2100	+	0.84	[0.41; 1.26]	0.9%	2.4%
CM.Wu 2020	44	7.75	4.1800	40	6.36	4.8500	 - '	0.31	[-0.13; 0.74]	0.8%	2.4%
CT.Yang 2021	58	8.10	5.6300	145	4.05	2.4000	}-	1.11	[0.79; 1.44]	1.5%	2.6%
R.Scotto 2021	15	8.73	5.8800	19	5.50	3.5800	 • 	0.67	[-0.03; 1.36]	0.3%	1.7%
E.Sozio 2021	28	7.62	5.1700	83	4.20	2.4300	 	1.02	[0.57; 1.47]	0.8%	2.3%
M. Bellan 2021	211	6.81	4.1100	453	5.29	3.1200	-:	0.44	[0.27; 0.60]	5.6%	2.9%
S.Karahan 2021	69	9.30	5.3000	80	4.70	3.1000	5-	1.07	[0.73; 1.42]	1.3%	2.6%
SA.Namendys-Silva 2021	85	8.90	4.8000	79	9.30	5.1000	+ !	-0.08	[-0.39; 0.23]	1.6%	2.7%
M.Provencio 2021	146	7.70	7.6000	301	5.80	6.4000	+ !	0.28	[0.08; 0.48]	3.9%	2.9%
J.Wang 2020	16	7.24	1.1800	103		0.3400	-		[3.10; 4.54]	0.3%	1.7%
G.Açiksari 2021	36	8.44	6.2400	187		1.9100	:		[1.00; 1.76]	1.1%	2.5%
M.Elhadi 2021	281	8.47	3.1300	184		2.6200	 		[1.11; 1.52]	3.7%	2.9%
A.López-Escobar 2021	321	7.18	4.2400	1767		2.3000			[0.81; 1.05]	10.3%	3.0%
S.Nakamura 2021	11	6.02	7.7200	21		1.3500	+ +		[-0.17; 1.32]	0.3%	1.6%
Jun.Zhang 2020	18	6.08	5.0400	93		1.2700			[0.97; 2.05]	0.5%	2.1%
J.Berenguer 2020	1131	5.52	3.1000	2904		2.0000			[0.53; 0.67]	31.5%	3.0%
O.Albalawi 2021		10.00	6.9000	93		4.7000	1		[0.18; 1.07]	0.8%	2.3%
H.Arikan 2021	225	7.21	4.5588	353		3.1338	=		[0.26; 0.60]	5.4%	2.9%
R.Chinnadurai 2020	86	6.65	3.7700	129		2.9989	 *		[-0.08; 0.47]	2.1%	2.7%
KY.Li 2020	15	7.31	5.8070	87		2.5631			[0.34; 1.46]	0.5%	2.0%
G.Aksel 2021	32	8.17	5.0287	136	5.25	2.5251		0.92	[0.53; 1.32]	1.0%	2.4%
Fixed effect model	3956			10489					[0.75; 0.83]	100.0%	
Random effects model							*	0.96	[0.82; 1.10]		100.0%
Heterogeneity: $I^2 = 90\%$, $\tau^2 = 0.1666$, $p < 0$.01						1 1 1	1			
						_	-4 -2 0 2	4			
						Fa	avour Survivors Favour Non	-survivors			

Figure E3(B) (Continued)

(3) Lym

Study	N Total	on-survivors Mean SD	Total	Survivors Mean SD	Standardised Mean Difference	SMD	95%-CI	Weight (fixed)	Weight (random)
RC.Chen 2020	103	0.59 0.2100	445	1.00 0.4600	# <u>}</u>	-0.96	[-1.19; -0.74]	2.2%	2.1%
F.Zhou 2020	54	0.63 0.2300	137	1.14 0.5200			[-1.44; -0.78]	1.0%	1.9%
YL.Yan 2020	39	0.54 0.3200	9	1.13 1.1400	- - 1	-1.04	[-1.80; -0.28]	0.2%	1.3%
RH.Du 2020	21	0.66 0.2300	158	0.84 0.3700			[-0.96; -0.04]	0.5%	1.7%
TL.Chen 2020	19	2.44 4.8100	36	0.94 1.5400	i • -		[-0.08; 1.05]	0.3%	1.6%
T.Chen 2020	113	0.56 0.2200	161	1.04 0.5200	*		[-1.39; -0.87]	1.7%	2.0%
L.Wang 2020	65	0.60 0.3400	274	1.00 0.5100	*		[-1.11; -0.55]	1.4%	2.0%
DJ.Altschul 2020	621	0.94 0.5200	1733	1.04 0.5200	H		[-0.28; -0.10]	13.1%	2.2%
L.Cai 2020 F.Ciceri 2020	7 92	1.06 0.8700 0.74 0.2300	15 288	1.51 0.5900			[-1.55; 0.29]	0.1% 1.9%	1.1% 2.0%
XB.Feng 2020	20	0.66 0.3700	200 94	0.96 0.3700 1.02 0.5500	1		[-0.88; -0.40] [-1.17; -0.19]	0.5%	1.7%
H.Huang 2020	10	0.58 0.3500	40	1.25 0.4900			[-2.16; -0.66]	0.3%	1.7%
Y.Jiang 2020	72	0.66 0.3900	143	1.13 0.6100	;i		[-1.15; -0.56]	1.3%	2.0%
H. Yang 2020	13	0.50 0.3300	81	1.10 0.6000			[-1.65; -0.44]	0.3%	1.5%
Y.Huang 2020	15	0.69 0.4400	136	1.37 0.7100			[-1.53; -0.44]	0.4%	1.6%
J.Zhang 2021	26	0.67 0.3100	182	1.10 0.6000	 		[-1.17; -0.33]	0.6%	1.8%
LK. Xiong 2021	85	0.61 0.3600	105	1.52 0.6800	+	-1.62	[-1.95; -1.29]	1.0%	1.9%
ZG.Wang 2021	56	0.77 0.4600	100	1.44 0.6800	+		[-1.44; -0.74]	0.9%	1.9%
JS.Tang 2021	44	0.94 0.4300	56	1.37 0.4300	→		[-1.41; -0.57]	0.6%	1.8%
FF.Sai 2021	15	0.47 0.3000	32	1.08 0.7000	- 		[-1.64; -0.34]	0.3%	1.4%
WD.Qin 2021	23	0.68 0.3600	239	1.22 0.5100	- 		[-1.52; -0.64]	0.6%	1.8%
OM.Peiro 2021	37	0.60 0.4600	159	0.94 0.6700			[-0.89; -0.17]	0.8%	1.9%
YJ.Lu 2021	40	0.56 0.2300	37	0.94 0.3900			[-1.67; -0.70]	0.5%	1.7%
L.García de Guadiana - Romualdo 2021 P.Sinha 2020	14 17	0.82 0.6400 1.00 0.6500	85 22	1.25 0.5700 0.86 0.4000			[-1.31; -0.16] [-0.37; 0.90]	0.3% 0.3%	1.6% 1.5%
Yang.Zhao 2020	125	0.68 0.3800	414	1.24 0.5600	_		[-0.37, 0.90] [-1.28; -0.86]	2.5%	2.1%
B.Xu 2020	28	0.61 0.4800	117	0.99 0.5400			[-1.13; -0.29]	0.6%	1.8%
CM.Wu 2020	44	0.60 0.2000	40	0.85 0.4700			[-1.14; -0.26]	0.6%	1.8%
Z.Wang 2020	116	0.63 0.3500	177	1.31 0.5000			[-1.78; -1.25]	1.6%	2.0%
CT.Yang 2021	58	0.54 0.2300	145	1.00 0.4500			[-1.47; -0.82]	1.0%	1.9%
R.Scotto 2021	15	1.52 0.5600	19	1.19 0.5400			[-0.11; 1.28]	0.2%	1.4%
E.Sozio 2021	28	0.64 0.2700	83	1.01 0.4400	- 	-0.91	[-1.35; -0.46]	0.6%	1.8%
M. Bellan 2021	211	1.18 0.9400	453	1.18 0.5500	. +	0.00	[-0.16; 0.16]	4.1%	2.1%
A.Capdevila-Reniu 2021	53	0.80 0.5000	106	0.90 0.5000	 • 		[-0.53; 0.13]	1.0%	1.9%
S.Karahan 2021	69	6.80 5.4000	80	1.70 2.0000	# *	1.28		0.9%	1.9%
G.Montrucchio 2021	26	0.82 0.4700	31	1.27 1.5300	[] 		[-0.90; 0.15]	0.4%	1.6% 2.1%
M.Provencio 2021 MC.Viana-Llamas 2021	146 128	0.70 0.7000 0.70 0.4500	301 481	1.10 0.9000 0.94 0.3700			[-0.68; -0.28] [-0.82; -0.42]	2.8% 2.8%	2.1%
J.Wang 2020	16	0.58 0.0700	103	0.94 0.3700	[]		[-5.50; -3.89]	0.2%	1.2%
G.Aciksari 2021	36	1.24 0.5400	187	0.89 0.3700			[0.50; 1.23]	0.8%	1.9%
M.Eleni 2021	9	0.29 0.3500	76	1.10 0.5000			[-2.38; -0.91]	0.2%	1.3%
M.Elhadi 2021	281	0.60 0.3000	184	1.01 0.4500	*		[-1.32; -0.92]	2.8%	2.1%
A.López-Escobar 2021	321	0.84 0.5200	1767	1.14 0.5200	ë		[-0.70; -0.46]	7.7%	2.1%
S.Nakamura 2021	11	0.71 0.5400	21	1.10 0.4800	- i	-0.76	[-1.52; 0.00]	0.2%	1.3%
SA.Namendys-Silva 2021	85	0.80 0.4500	79	0.80 0.4500	<u> </u> +		[-0.31; 0.31]	1.2%	2.0%
IH.Özdemir 2021	55	0.87 0.6100	295	1.71 0.9700			[-1.20; -0.61]	1.3%	2.0%
Jun.Zhang 2020	18	0.55 0.1300	93	1.30 0.5300			[-2.07; -0.98]	0.4%	1.6%
JG. Park 2020	70	0.73 0.3700	219	0.98 0.4900	1		[-0.81; -0.26]	1.5%	2.0%
J.Berenguer 2020	1131	0.83 0.4600	2904	1.02 0.4900			[-0.46; -0.33]	23.1%	2.2%
O.Albalawi 2021	26 225	1.80 2.7000	93	1.50 0.7000	* * !*		[-0.22; 0.65] [-0.66; -0.32]	0.6%	1.8%
H.Arikan 2021 R.Chinnadurai 2020	86	0.96 0.6118 0.84 0.5278	353 129	1.24 0.5211 0.97 0.5998	*		[-0.66; -0.32] [-0.51; 0.04]	3.8% 1.5%	2.1% 2.0%
A.d'Arminio Monforte 2020	174	0.84 0.5278	367	1.09 0.5284	*		[-0.51; 0.04]	3.3%	2.0%
KY.Li 2020	174	0.57 0.3272	87	0.94 0.3769			[-0.69, -0.32] [-1.54; -0.41]	0.3%	1.6%
T.Li 2021	9	0.85 0.5500	63	1.49 0.5900	- :		[-1.80; -0.36]	0.2%	1.3%
G.Aksel 2021	32	1.13 0.7993	136	1.63 1.1015			[-0.86; -0.09]	0.7%	1.8%
Fixed effect model	5268		14370				[-0.56; -0.49]	100.0%	
Random effects model					*	-0.70	[-0.83; -0.56]		100.0%
Heterogeneity: $I^2 = 93\%$, $\tau^2 = 0.2143$, $p < 0$.01				-4 -2 0 2 4				
				F	avour Survivors Favour Non-	-survivors			

(4) Mono

Study		on-survivors Mean SD	Total	Su Mean	rvivors SD	Standardised Mean Difference	SMD	95%-CI	Weight (fixed)	Weight (random)
RC.Chen 2020	103	0.33 0.2000	445	0.35	0.1800	-1	-0.11	[-0.32; 0.11]	10.8%	7.9%
T.Chen 2020	113	0.40 0.3000	161		0.1500	-		[-0.24; 0.24]	8.6%	7.7%
L.Wang 2020	65	0.34 0.2000			0.2400			[-0.74; -0.20]	6.7%	7.5%
XB.Feng 2020	20	0.32 0.1400	94	0.47	0.2100	 }		[-1.24; -0.25]	2.1%	5.8%
H.Huang 2020	10	0.49 0.2000	40	0.40	0.1500	1	0.55	[-0.15; 1.25]	1.0%	4.3%
Y.Jiang 2020	72	0.39 0.2600	143	0.44	0.2200	-= 1	-0.21	[-0.50; 0.07]	6.2%	7.4%
Jing.Zhang 2021	26	0.44 0.2400	182	0.54	0.2200	 }	-0.45	[-0.86; -0.03]	2.9%	6.4%
WD.Qin 2021	23	0.42 0.2800	239	0.45	0.1900		-0.15	[-0.58; 0.28]	2.7%	6.3%
B.Xu 2020	28	0.26 0.3200	117	0.04	0.0400	· ·	- 1.52	[1.07; 1.97]	2.5%	6.1%
CM.Wu 2020	44	0.30 0.1900	40	0.33	0.1800		-0.16	[-0.59; 0.27]	2.7%	6.3%
J.Wang 2020	16	0.35 0.0400	103	0.32	0.0200	<u> </u>	1.27	[0.72; 1.82]	1.6%	5.4%
G.Açiksari 2021	36	0.35 0.2500	187	0.40	0.1700		-0.27	[-0.63; 0.09]	3.9%	6.9%
A.López-Escobar 2021	321	0.50 0.3000	1767	0.50	0.3000		0.00	[-0.12; 0.12]	35.2%	8.4%
J.Zhang 2020	18	0.28 0.1400	93	0.34	0.1700		-0.36	[-0.87; 0.15]	1.9%	5.7%
M.Provencio 2021	133	0.50 0.3000	245	0.50	0.3000	+	0.00	[-0.21; 0.21]	11.2%	7.9%
Fixed effect model	1028		4130			•		[-0.12; 0.02]	100.0%	
Random effects model Heterogeneity: $I^2 = 86\%$, τ	-	14, p < 0.01					-0.00	[-0.21; 0.20]		100.0%
3		.,				-1 0 1				
					Fa	vour Survivors Favour Non-s	urvivors			

(5) **Eos**

	N	on-su	rvivors		Survivors		Standardised Mean			Weight	Weight	
Study	Total	Mean	SD	Total	Mean	SD	Difference	SMD	95%-CI	(fixed)	(random)	
RC.Chen 2020	103	0.01	0.0200	445	0.02	0.0300		-0.46	[-0.67; -0.24]	33.3%	34.6%	
H.Huang 2020	10	0.00	0.0100	40	0.04	0.1020		-0.41	[-1.10; 0.29]	3.2%	7.7%	
Jing.Zhang 2021	26	0.04	0.0800	182	0.53	0.8200		-0.63	[-1.05; -0.22]	9.0%	17.4%	
M. Bellan 2021	211	0.00	0.0100	453	0.02	0.0300		-0.79	[-0.95; -0.62]	54.5%	40.3%	
Fixed effect model	350			1120					[-0.78; -0.53]			
Random effects model Heterogeneity: $I^2 = 50\%$, τ		210, p =	0.11					−0.62	[-0.83; -0.41]		100.0%	
- ,						F	−1 −0.5 0 0.5 avour Survivors Favour Non-	1 survivors	i .			

Figure E3(B) (Continued)

(6) Bas

Study	-	lon-su Mean	rvivors SD		Su Mean	rvivors SD	Standardised Mean Difference	SMD	95%-CI	Weight (fixed)	Weight (random)
Jing.Zhang 2021 RC.Chen 2020	26 103		0.0157 0.0150	182 445		0.0150 0.0074	-	-0.46 0.38	[-0.88; -0.05] [0.16; 0.59]		47.7% 52.3%
Fixed effect model Random effects model Heterogeneity: $I^2 = 92\%$, τ^2		251, p <	0.01	627		F	-0.5 0 0.5 avour Survivors Favour Non-su		[-0.85; 0.80]		 100.0%

(7) HB

		Non-survivors		_	urvivors		ardised Mean			Weight	
Study	Total	Mean SD	Total	Mean	SD	D	ifference	SMD	95%-CI	(fixed)	(random)
RC.Chen 2020	103	126.63 19.1700	445	126.00	16.3600		<u>:</u> +	0.04	[-0.18; 0.25]	3.4%	3.4%
F.Zhou 2020	54	126.35 17.5100	137	129.40	14.9800		4	-0.19	[-0.51; 0.12]	1.6%	3.2%
YL.Yan 2020	39	128.52 19.2400	9	126.30	25.8000		1	0.11	[-0.62; 0.83]	0.3%	2.4%
T.Chen 2020	113	129.06 23.2800	161	128.00	14.9600		∰.	0.06	[-0.18; 0.30]	2.7%	3.4%
L.Wang 2020	65	121.64 23.5000	274	119.95	14.1600		}-	0.10	[-0.17; 0.37]	2.2%	3.3%
F.Ciceri 2020	93	125.30 2.4100	288	137.60	1.6400	-	2	-6.61	[-7.14; -6.09]	0.6%	2.8%
XB.Feng 2020	20	119.15 22.2900	94	122.65	16.7500		- ()	-0.20	[-0.68; 0.29]	0.7%	2.9%
Y.Jiang 2020	72	118.65 17.4000	143	120.59	14.9800		}	-0.12	[-0.41; 0.16]	2.0%	3.3%
J.Berenguer 2020	1120	129.35 21.5260	2860	137.65	17.0590		+	-0.45	[-0.52; -0.38]	32.3%	3.5%
JG. Park 2020	70	124.60 22.7100	219	124.00	17.9100		}	0.03	[-0.24; 0.30]	2.2%	3.3%
Yang. Zhao 2020	125	126.65 19.5000	414	126.35	15.6200		#	0.02	[-0.18; 0.22]	3.9%	3.4%
G.Açiksari 2021	36	114.31 31.2700	187	133.60	14.9400		+3	-1.04	[-1.41; -0.67]	1.2%	3.2%
L.García de Guadiana-Romualdo 2021	14	133.00 27.0000	85	138.00	16.0000		}	-0.28	[-0.84; 0.29]	0.5%	2.8%
S. Karahan 2021	69	116.00 22.0000	80	124.00	19.0000		#	-0.39	[-0.71; -0.06]	1.5%	3.2%
G.Li 2021	95	135.00 20.6000	116	137.00	21.6000		并	-0.09	[-0.37; 0.18]	2.1%	3.3%
S.Nakamura 2021	11	116.31 19.5100	21	126.92	27.8000		-#	-0.41	[-1.15; 0.33]	0.3%	2.4%
IH. Özdemir 2021	55	112.80 21.3200	295	129.95	26.0700		+3	-0.67	[-0.97; -0.38]	1.8%	3.3%
OM.Peiro 2021	37	115.10 31.6200	159	127.40	17.2100		- ₹	-0.59	[-0.96; -0.23]	1.2%	3.2%
FF.Sai 2021	15	97.45 26.9905	32	100.73	29.8773		1	-0.11	[-0.72; 0.50]	0.4%	2.7%
MC.Viana-Llamas 2021	128	136.30 28.5000	481	139.40	15.6200		*	-0.16	[-0.36; 0.03]	4.1%	3.4%
ZG.Wang 2021	56	124.13 16.6639	100	125.63	15.6459		+	-0.09	[-0.42; 0.23]	1.5%	3.2%
LK. Xiong 2021	85	126.18 21.1160	105	124.41	12.0270		}	0.11	[-0.18; 0.39]	1.9%	3.3%
R.Zayat 2021	8	95.40 25.9000	9	90.00	18.4000		* 	0.23	[-0.73; 1.19]	0.2%	2.0%
Jing.Zhang 2021	26	122.99 33.7263	182	126.83	19.2795		31	-0.18	[-0.59; 0.23]	0.9%	3.1%
MS.Asghar 2020	44	124.60 20.9000	147	128.20	23.9000		}	-0.15	[-0.49; 0.18]	1.4%	3.2%
S.Ahmad 2021	117	111.00 24.0000	912	120.00	19.0000		4	-0.46	[-0.65; -0.26]	4.2%	3.4%
O.Albalawi 2021	26	99.00 24.0000	93	115.00	22.0000		→	-0.71	[-1.15; -0.26]	0.8%	3.0%
H.Arikan 2021	225	116.95 24.6220	353	124.85	56.8500		製	-0.17	[-0.34; 0.00]	5.6%	3.4%
R.Chinnadurai 2020	86	130.06 18.8500	129	134.70	19.4932		}	-0.24	[-0.51; 0.03]	2.1%	3.3%
A.d'Arminio Monforte 2020	174	130.95 21.6790	367	136.30	17.8620		è	-0.28	[-0.46; -0.10]	4.8%	3.4%
KY.Li 2020	15	121.82 20.4473	87	127.30	18.0924		-{ 	-0.29	[-0.84; 0.25]	0.5%	2.8%
López- Escobar 2021	321	133.95 21.6000	1767	139.00	16.3200		1	-0.29	[-0.41; -0.17]	11.1%	3.5%
Fixed effect model	3517		10751				1	-0.32	[-0.36; -0.28]	100.0%	
Random effects model							♦	-0.41	[-0.61; -0.21]		100.0%
Heterogeneity: $I^2 = 95\%$, $\tau^2 = 0.2990$, $p < 0$.01										
					-	-6 -4 -2					
					Fa	avour Survivo	ors Favour Non-	survivors			

(8) PLT

			survivors				Standardised Mean			Weight	
Study	Total	Mean	SD	Total	Mean	SD	Difference	SMD	95%−CI	(fixed)	(random)
J.Zhang 2021	26	164.51	105.1000	182	213.29	84.9600		-0.55	[-0.97; -0.14]	0.7%	2.1%
R.Zayat 2021	8	299.98	249.2900	9	241.98	74.3500		0.31	[-0.65; 1.27]	0.1%	0.6%
MS. Asghar 2021	44	248.13	122.4800	147	249.58	103.5600	+	-0.01	[-0.35; 0.32]	1.1%	2.6%
DJ. Altschul 2020	621	200.76	80.9918	1733	219.45	86.8052		-0.22	[-0.31; -0.13]	14.3%	4.3%
RC.Chen 2020	103	162.34	83.8351	445	211.36	87.0170		-0.57	[-0.78; -0.35]	2.6%	3.5%
TL.Chen 2020	19	135.04	144.1745	36	207.01	302.6543	- -	-0.27	[-0.83; 0.29]	0.4%	1.5%
T.Chen 2020	113	162.72	80.7261	161	205.02	71.8129		-0.56	[-0.80; -0.31]	2.0%	3.3%
F.Ciceri 2020	93	187.28	101.6595	288	203.07	82.7023	!i=	-0.18	[-0.41; 0.05]	2.2%	3.4%
Y.Jiang 2020	72	189.98	81.7018	143	213.24	71.1461		-0.31	[-0.59; -0.03]	1.5%	3.0%
JG. Park 2020	70	179.76	80.9923	219	209.47	94.7745		-0.32	[-0.59; -0.05]	1.7%	3.1%
P.Sinha 2020	17	246.89	114.7899	22	284.28	76.0788		-0.39	[-1.03; 0.25]	0.3%	1.2%
L.Wang 2020	65	164.23	87.9462	274	212.75	81.2332		-0.59	[-0.86; -0.31]	1.6%	3.1%
YL.Yan 2020	39	167.46	88.5103	9	207.09	111.0844		-0.42	[-1.15; 0.31]	0.2%	1.0%
Yang. Zhao 2020	125	175.16	87.7510	414	215.21	80.3431		-0.49	[-0.69; -0.28]	3.0%	3.6%
G.Açiksari 2021	36	162.19	75.6636	187	189.32	62.7571		-0.42	[-0.77; -0.06]	0.9%	2.5%
M. Bellan 2021	211	180.63		453	201.85	69.1633	*	-0.28	[-0.45; -0.12]	4.5%	3.9%
M. Eleni 2021	9	123.21	91.8414	76	204.44	70.6569		-1.10	[-1.81; -0.39]	0.2%	1.0%
M. Elhadi 2021		132.57		184	209.91	70.9843			[-1.19; -0.79]	3.1%	3.6%
L.García de Guadiana-Romualdo 2021		169.27			204.57	63.3485		-0.55	[-1.12; 0.02]	0.4%	1.4%
S. Karahan 2021			100.3000		224.30	92.9000	 -	0.07	[-0.26; 0.39]	1.2%	2.7%
S.Nakamura 2021			95.0030		212.00	58.8000			[-1.72; -0.18]	0.2%	0.9%
SA.Namendys-Silva 2021			89.4000			101.0000	i • -	0.14	[-0.17; 0.44]	1.3%	2.8%
OM.Peiro 2021	37	226.82	118.7687	159	216.29	90.5245	- • -	0.11	[-0.25; 0.47]	0.9%	2.5%
FF.Sai 2021			107.8400	-	225.47	98.7900			[-1.13; 0.12]	0.3%	1.3%
MC. Viana-Llamas 2021			66.7325		195.80	77.3294			[-0.46; -0.07]	3.2%	3.7%
ZG. Wang 2021		160.22			216.67	65.5923			[-1.20; -0.52]	1.0%	2.6%
LK. Xiong 2021		169.24			220.89	73.1010	i		[-0.97; -0.38]	1.4%	2.9%
F.Zhou 2020			17.5179		129.41	14.9848	* +		[-0.51; 0.12]	1.2%	2.8%
S.Ahmad 2021			108.4746		182.33	82.7891	; * 		[-0.30; 0.09]	3.2%	3.7%
O.Albalawi 2021			120.6000			128.5000			[-0.78; 0.09]	0.6%	2.0%
H.Arikan 2021			95.5038		217.07	88.8778			[-0.37; -0.04]	4.3%	3.9%
J.Berenguer 2020		173.25			184.50	63.7839	_+		[-0.24; -0.10]	25.5%	4.4%
R.Chinnadurai 2020		210.00			218.08	80.9716			[-0.37; 0.17]	1.6%	3.1%
A.d'Arminio Monforte 2020		199.72			216.10	74.4253	!"		[-0.39; -0.03]	3.7%	3.8%
KY.Li 2020		126.07			212.59	78.9282			[-1.70; -0.56]	0.4%	1.4%
T.Li 2021	_		121.1432		262.71	89.1472			[-1.12; 0.29]	0.2%	1.1%
López- Escobar 2021			72.9784		214.55	79.3847	<u>₹</u>		[-0.36; -0.12]	8.5%	4.2%
Jun.Zhang 2020	18	161.10	72.8000	93	190.88	70.4100		-0.42	[-0.93; 0.09]	0.5%	1.7%
Fixed effect model	4627			13017			6		[-0.31; -0.24]	100.0%	
Random effects model							*	-0.35	[-0.43; -0.26]		100.0%
Heterogeneity: $I^2 = 75\%$, $\tau^2 = 0.0390$, $p < 0$.01										
							-1.5 -1 -0.5 0 0.5 1 1.5	-			
						Fa	avour Survivors Favour Non-	survivors			

Figure E3(B) (Continued)

(9) PLR

Study	Non-survivor Total Mean Si	s Survivors D Total Mean SD	Standardised Mean Difference	SMD 95	Weight Weight 5%-CI (fixed) (random)	
MS.Asghar 2021 RC. Chen 2020 G.Açiksari 2021 S.Bg 2021	44 263.14 171.800 103 283.44 151.632 36 221.71 165.147 25 15.43 9.440	6 445 223.37 122.5526 3 187 158.00 63.6536	-	- 0.85 [0.50; 0.47 [0.25; 0.72 [0.36; -0.36 [-0.81;	; 0.68] 50.9% 28.0% ; 1.09] 18.0% 24.7%	
Fixed effect model Random effects mode Heterogeneity: $I^2 = 84\%$,		854		0.49 [0.34; 0.44 [0.02;	0.65] 100.0% 0.86] 100.0%	
		Fa	−1 −0.5 0 0.5 1 avour Survivors Favour Non−s	survivors		

(10) LMR

Non	-survivors		Survivors	Standardised Mo	ean		Weight	Weight
Total Me	ean SD	Total	Mean SD	Difference	SMD	95%−CI	(fixed)	(random)
16 1	.64 0.2700	103	3.29 0.2200		-7.22	[-8.29; -6.15]	4.1%	23.3%
25 2	2.17 2.1300	75	3.35 4.6100	-	-0.28	[-0.74; 0.17]	22.6%	25.4%
36 2	2.46 1.7800	187	3.21 1.7200	+	-0.43	[-0.79; -0.07]	36.3%	25.6%
44 1	.88 0.9800	147	3.57 1.6300	-	-1.12	[-1.47; -0.76]	37.0%	25.6%
121		512		♦	-0.93	[-1.14; -0.71]	100.0%	
					2.15	[-3.77; -0.54]		100.0%
² = 2.6130,	, <i>p</i> < 0.01							
				-5 0	5			
			F	avour Survivors Favou	r Non-survivors	3		
	Total Me 16 1 25 2 36 2 44 1	16 1.64 0.2700 25 2.17 2.1300 36 2.46 1.7800 44 1.88 0.9800	Total Mean SD Total 16 1.64 0.2700 103 25 2.17 2.1300 75 36 2.46 1.7800 187 44 1.88 0.9800 147 121 512	Total Mean SD Total Mean SD 16 1.64 0.2700 103 3.29 0.2200 25 2.17 2.1300 75 3.35 4.6100 36 2.46 1.7800 187 3.21 1.7200 44 1.88 0.9800 147 3.57 1.6300 121 512	Total Mean SD Total Mean SD Difference 16 1.64 0.2700 103 3.29 0.2200	Total Mean SD Total Mean SD Difference SMD 16 1.64 0.2700 103 3.29 0.2200 -7.22 25 2.17 2.1300 75 3.35 4.6100 -0.28 36 2.46 1.7800 187 3.21 1.7200 -0.43 44 1.88 0.9800 147 3.57 1.6300 -1.12 121 512 -0.93 -2.15 2 = 2.6130, p < 0.01	Total Mean SD Total Mean SD Difference SMD 95%-CI 16 1.64 0.2700 103 3.29 0.2200 -7.22 [-8.29; -6.15] 25 2.17 2.1300 75 3.35 4.6100 -0.28 [-0.74; 0.17] 36 2.46 1.7800 187 3.21 1.7200 -0.43 [-0.79; -0.07] 44 1.88 0.9800 147 3.57 1.6300 -1.12 [-1.47; -0.76] 121 512 -0.93 [-1.14; -0.71] -2.15 [-3.77; -0.54]	Total Mean SD Total Mean SD Difference SMD 95%-CI (fixed) 16 1.64 0.2700 103 3.29 0.2200 -7.22 [-8.29; -6.15] 4.1% 25 2.17 2.1300 75 3.35 4.6100 -0.28 [-0.74; 0.17] 22.6% 36 2.46 1.7800 187 3.21 1.7200 -0.43 [-0.79; -0.07] 36.3% 44 1.88 0.9800 147 3.57 1.6300 -1.12 [-1.47; -0.76] 37.0% 121 512 -0.93 [-1.14; -0.71] 100.0% -2.15 [-3.77; -0.54] 2 = 2.6130, p < 0.01

(11) NLR

Study		Non-s Mean	urvivors SD	Total	Su Mean	rvivors SD		Standardi Differ	sed Mean rence	SMD	95%	-CI	Weight (fixed)	Weight (random)
MS.Asghar 2021	44	12.86	10.2700	147	4.56	4.8400			+	1.27	[0.91; 1	.63]	1.9%	8.4%
RC. Chen 2020	103	15.57	10.7294	445	4.55	3.9195			+	1.89	[1.65; 2	.13]	4.3%	8.8%
F.Ciceri 2020	95	9.40	6.4739	291	5.22	3.5100			+	0.94	[0.70; 1	.19]	4.4%	8.8%
J.Wang 2020	16	1.64	0.2700	103	3.29	0.2200	\longrightarrow		lii.	-7.22	[-8.29; -6	.15]	0.2%	5.2%
G.Açiksari 2021	36	12.46	10.8091	187	3.78	2.5402			+	1.77	[1.38; 2	.16]	1.6%	8.3%
M. Bellan 2021	211	8.05	7.0166	453	4.53	3.3466			a	0.73	[0.56; 0	.90]	9.0%	9.0%
S.Bg 2021	25	4.87	3.7000	75	8.88	3.8400		+		-1.05	[-1.52; -0	.57]	1.1%	8.0%
L.García de Guadiana-Romualdo 2021	14	7.75	5.6097	85	4.75	3.2051			 	0.82	[0.24; 1	.40]	0.8%	7.5%
M.Provencio 2021	146	14.90	18.3000	301	6.80	8.3000			¥	0.65	[0.45; 0	.85]	6.2%	8.9%
J.Berenguer 2020	1131	7.27	5.7154	2904	4.32	2.9667				0.75	[0.68; 0	.82]	50.8%	9.2%
R.Chinnadurai 2020	86	10.76	9.8020	129	7.05	5.2482			+	0.50	[0.22; 0	.78]	3.3%	8.7%
López- Escobar 2021	321	9.12	7.4468	1767	4.36	3.1160			+	1.16	[1.04; 1	.29]	16.4%	9.1%
Fixed effect model	2228			6887						0.85	[0.80; 0	.90]	100.0%	
Random effects model Heterogeneity: $I^2 = 97\%$, $\tau^2 = 0.3870$, $\rho < 0.00$	0.01								♦	0.45	[0.08; 0.	.82]		100.0%
3 .								-5 (5					
						F	avour	Survivors	Favour Non-	-survivors				