Forest plot comparison: Covid 19 mortality risk

Glossary

ADJ=0: crude estimate

ADJ=1: adjust estimate

LRB=0: moderate and high subgroup analysis by risk of bias

LRB=1: low subgroup analysis by risk of bias

MRB=0: high subgroup analysis by risk of bias

MRB=1: moderate and low subgroup analysis by risk of bias

ALT: Alanine aminotransferase

APTT: activated partial thromboplastin time

APACHE: Acute Physiology And Chronic Health Evaluation II

AST: Aspartate aminotransferase

BUN: Blood urea nitrogen

PT: prothrombin time

SOFA: The sequential organ failure assessment score

FDP: Fibrin Degradation Product

PT: prothrombin time

Candidate variable: Age (older than 50 - 65 years), outcome: mortality, subgroup analysis by risk of bias (moderate/high vs low)

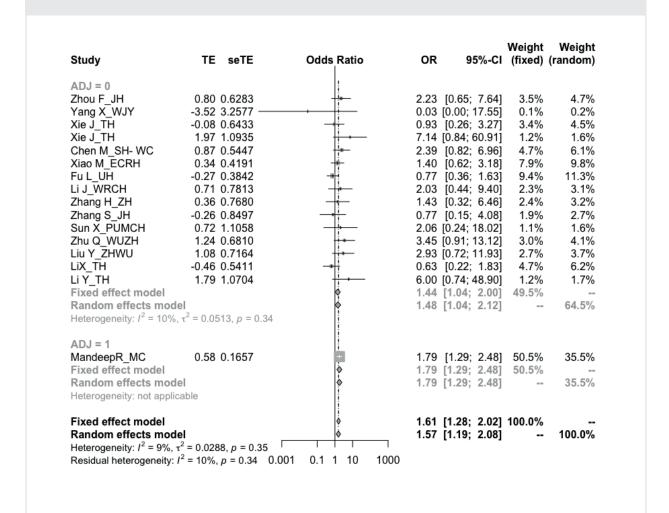
Study	TE	seTE	Odds	Ratio	OR		95%-CI	Weight (fixed)	
LRB = 0				è					
Wu C WJH	4 44	1.5990		1:	84 60	[3.68; 1	942 841	0.1%	
Yang X WJY		0.5942		13.	3.10	[0.97;		1.0%	
Lu Jiatao_WHH		0.8361		1	8.72	[1.69;	44.90]	0.5%	
Xiao M ECRH		0.0301		It is	9.32	[5.39;	-	4.5%	
				1			16.12]		
Shuai Z_UHTMC		0.6969		1	3.41	[0.87;	13.36]	0.7%	
Tan L_GHCTC		0.9131		13:	3.18	[0.53;	19.05]	0.4%	
Cheng Y_TH		0.2586		*	2.79	[1.68;		5.2%	
Fu L_UH		0.4075		1	2.98	[1.34;	-	2.1%	
Li J_WRCH		0.3859		1;- 	10.77	[5.06;	22.94]	2.3%	
Wang S_ZH	3.78	3.3397		 	— 43.71	[0.06; 30	437.09]	0.0%	
Sun X_PUMCH	1.43	0.6678		1	4.18	[1.13;	15.48]	0.8%	
FY_JH, SPHCC, TPH	1.94	0.8132		1:	6.94	[1.41;	34.16]	0.5%	
NS BEMC	1.98	1.1093		1:-	7.27	[0.83;	63.97]	0.3%	
Chen R Mu	1.27	0.5542			3.57	[1.20:	10.571	1.1%	
Li J CHW		0.3389		- 	2.54	[1.31;		3.0%	
WangY TH		0.2457		#: #: 1:#	4.00	[2.47;		5.8%	
Paranipel MSHCS		0.2434		in the second	7.46	[4.63;	12.03]	5.9%	
Zhu Q WUZH		1.0354		<u>:</u>	23.15				
Wang D_WH/XH		0.6786		1	18.13	[4.80:	68.571	0.8%	
Xie J UHW				100	3.78	,			
		0.9937		*		[0.54;	26.50]		
Auld S_TEHA		0.3503		茎	3.44	[1.73;		2.8%	
Grasselli G_LIN		0.1362			3.32	[2.54;			
Li H_TH		0.6559		1:	3.40	[0.94;	12.30]	0.8%	
LiX_TH		0.2585		= :	1.96	[1.18;		5.2%	
Li Y_TH	4.52	3.2280	_	1		[0.16; 51			
Fixed effect model					4.04	[3.50;	4.68]	63.4%	
Random effects mod				No.	4.51	[3.47;	5.86]		8
Heterogeneity: $I^2 = 53\%$	$\tau^2 = 0.1$	718, <i>p</i> < 0.01		6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
LRB = 1									
Du Rong-Hui_WPH	1.33	0.6930		+	3.77	[0.97;	14.66]	0.7%	
Rossi P_	1.48	0.5617		- -	4.40	[1.46;	13.24]	1.1%	
MandeepR_MC	0.66	0.1045		+	1.93	[1.57;	2.37	31.9%	
Docherty MB MC		0.3521		1 . a -	8.19	[4.11;	16.33]	2.8%	
Fixed effect model				Øi:	2.24	[1.85:	2.711	36.6%	
Random effects mod	el			\limits	3.88	[1.62;	9.32]		1
Heterogeneity: $I^2 = 83\%$		038, p < 0.01		© ± 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:	0.00	[1.02,	0.02]		
Fixed effect model				0:	3.26	[2.90;	3.661	100.0%	
Random effects mod	lel			•	4.44	[3.39;	5.81]		10
Heterogeneity: $I^2 = 70\%$						[0.00,	0.0.1		

Candidate variable: Age increase (per 1 year), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)

Study	TE seTE	Odds Ratio	OR	95%-CI	Weight (fixed)	Weiq (rando
MRB = 1						
Zhou F JH	0.10 0.0325		1.10	[1.03; 1.17]	1.9%	3.
Xie J TH	0.05 0.0133	iù i	1.05	[1.02; 1.08]	11.3%	9.
Luo X_ECRH	0.06 0.0188	*	1.06	[1.02; 1.10]	5.7%	7.
Zhang L_CHW	0.07 0.0143	į.	1.07	[1.04; 1.10]	9.7%	8.
Tao B_JH	0.05 0.0482	++-	1.05	[0.96; 1.16]	0.9%	2.
Shi S_RHWU	0.02 0.0126		1.02	[1.00; 1.05]	12.6%	9.
Zhang F_WH	0.01 0.0544		1.01	[0.91; 1.13]	0.7%	1.
Lang W_RH	0.07 0.0166	 	1.07	[1.04; 1.11]	7.2%	7.
Yin Y MC	0.00 0.0208	₩.	1.00	[0.96; 1.05]	4.6%	6.
Cummings M NY	0.05 0.0450	+÷-	1.05	[0.96; 1.15]	1.0%	2.
Wang L HPUW	0.04 0.0161	<u>÷</u>	1.04	[1.01; 1.08]	7.7%	8.
Fixed effect model		į į	1.05	[1.04; 1.06]	63.2%	
Random effects mo	del	♦	1.05	[1.03; 1.06]		66.
Heterogeneity: $I^2 = 35^\circ$	$\%$, $\tau^2 = 0.0002$, $p = 0.12$					
MRB = 0						
Hu B_ZH/WPH	0.15 0.0970	+;	1.16	[0.96; 1.40]	0.2%	0.
Li J_CHW	0.11 0.0307	<u> </u>	1.11	[1.05; 1.18]	2.1%	4.
LH SNUCM	0.31 0.1072		- 1.37	[1.11; 1.69]	0.2%	0.
CB_UDH	0.10 0.0243		1.10	[1.05; 1.15]	3.4%	5.
Zhang X SEH	0.03 0.0096	+	1.03	[1.02; 1.05]	21.5%	10.
Wang D WH/XH	0.11 0.0326	} =	1.11	[1.04; 1.18]	1.9%	3.
Liu Y_ZHWU	0.09 0.0163	⊨	1.09	[1.06; 1.13]	7.5%	8.
GaoL HGH	0.16 0.2509		1.18	[0.72; 1.92]	0.0%	0.
Fixed effect model		•	1.06	[1.05; 1.08]	36.8%	
Random effects mo	del	♦		[1.05; 1.14]		33.
Heterogeneity: $I^2 = 69^\circ$	$\%$, $\tau^2 = 0.0014$, $\rho < 0.01$					
Fixed effect model		6	1.05	[1.04; 1.06]	100.0%	
Random effects mo	del		1.06	[1.04; 1.08]		100.
Heterogeneity: $I^2 = 56^\circ$	$\%$, $\tau^2 = 0.0005$, $\rho < 0.01$			•		
Residual heterogeneity		0.75 1 1.5				

Study	TE seTE	Odds Ratio	OR	95%-CI	Weight (fixed)	Weight (random)
•		į.			, , ,	. ,
MRB = 0 Zhou F JH	0.49 0.3458	1	1.64	[0.83; 3.23]	1.4%	2.0%
Wu C WJH	-0.58 0.4945	 }	0.56	[0.21; 1.48]	0.7%	1.3%
He XW_TMC	-0.12 0.5640	- }	0.89	[0.29; 2.68]	0.5%	1.1%
Ruan Q_JY	0.34 0.3555	+	1.41	[0.70; 2.83]	1.3%	2.0%
Tang N_TH	1.14 0.5359	 • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • •	3.12	[1.09; 8.92]	0.6%	1.2%
Yang X_WJY Yuan M_CH	-0.20 0.6137 -0.29 0.8079		0.82 0.75	[0.25; 2.72] [0.15; 3.65]	0.4% 0.3%	1.0% 0.6%
Du Rong-Hui_WPH	-0.30 0.4653		0.74	[0.30; 1.85]	0.8%	1.5%
Xie J_TH	-0.30 0.2323		0.74	[0.47; 1.16]	3.1%	2.8%
Xie J_TH	-0.15 0.3498	-+;	0.86	[0.43; 1.71]	1.4%	2.0%
Lu Jiatao_WHH	0.10 0.3334	†	1.10	[0.57; 2.11]	1.5%	2.1%
Chen M_SH- WC Xiao M ECRH	1.20 0.4484 0.49 0.2327	1	3.32 1.63	[1.38; 8.00] [1.03; 2.57]	0.8% 3.1%	1.5% 2.8%
Shuai Z UHTMC	1.40 0.3903	- I	4.04	[1.88; 8.68]	1.1%	1.8%
Tan L GHCTC	2.85 1.1509			[1.81; 164.95]	0.1%	0.3%
Zhang L_CHW	1.13 0.3430	-	3.09	[1.58; 6.06]	1.4%	2.1%
Cheng Y_TH	0.99 0.2792	-	2.70	[1.56; 4.66]	2.2%	2.5%
Fu L_UH Hu B_ZH/WPH	-0.12 0.3770 0.17 0.7146		0.89 1.18	[0.42; 1.86] [0.29; 4.81]	1.2% 0.3%	1.9% 0.8%
Jin JM_WUH	0.86 0.3651		2.36	[1.15; 4.82]	1.3%	1.9%
Li J_WRCH	1.03 0.3329	 	2.79	[1.45; 5.35]	1.5%	2.1%
Wen C_JH	0.53 0.5264	++	1.70	[0.61; 4.78]	0.6%	1.2%
Zhang F_WH	0.13 0.6565	100	1.14	[0.32; 4.14]	0.4%	0.9%
Zhang H_ZH Zhang S_JH	1.05 0.6355 0.01 0.2690	11.	2.85	[0.82; 9.91]	0.4%	0.9% 2.5%
Jit S_MC	0.87 0.3476	₹.	1.01 2.38	[0.60; 1.71] [1.21; 4.71]	2.3% 1.4%	2.0%
Lang W_RH	0.54 0.2751	<u> </u>	1.72	[1.00; 2.95]	2.2%	2.5%
Sun X_PUMCH	1.72 0.6822	 		[1.47; 21.33]	0.4%	0.8%
LH_SNUCM	0.58 0.1906	*	1.79	[1.23; 2.61]	4.6%	3.1%
CB_UDH	1.15 0.3872		3.17	[1.48; 6.77]	1.1%	1.8%
Chen X_TH Zhang X_SEH	1.04 0.3322 0.42 0.2821	1	2.83 1.53	[1.47; 5.42] [0.88; 2.65]	1.5% 2.1%	2.1% 2.5%
Rossi P	0.50 0.1547	<u> </u>	1.65	[1.22; 2.24]	7.0%	3.4%
Li J_CHW	0.67 0.2666		1.95	[1.15; 3.28]	2.4%	2.6%
Yin Y_MC	0.38 0.4135	+	1.46	[0.65; 3.29]	1.0%	1.7%
WangY_TH	0.24 0.2223	<u> </u>	1.27	[0.82; 1.96]	3.4%	2.9%
Paranjpel_MSHCS HuZ_TH	0.20 0.1376 0.79 0.4454	Ё	1.22 2.21	[0.93; 1.60] [0.92; 5.28]	8.9% 0.8%	3.5% 1.5%
Wen J ZH	1.55 0.4972			[1.77; 12.45]	0.7%	1.3%
Benelli G_HC	0.38 0.2846	 	1.47	[0.84; 2.56]	2.1%	2.4%
Yang J_WUH	1.89 0.6994			[1.68; 26.00]	0.3%	0.8%
Zhang J_LH	0.33 0.9487	- 	1.39	[0.22; 8.92]	0.2%	0.5%
Zhu Q_WUZH Zhu B BTH	1.34 0.5389 1.03 0.5600	1	2.79	[1.33; 11.03] [0.93; 8.37]	0.6% 0.5%	1.2% 1.1%
Wang D_WH/XH	1.98 0.8757	1		[1.30; 40.20]	0.2%	0.6%
Xie J_UHW	1.03 0.3181	 •	2.80	[1.50; 5.22]	1.7%	2.2%
MandeepR_MC	0.24 0.0952	=	1.27	[1.06; 1.53]	18.6%	3.8%
Auld S_TEHA	-0.46 0.3197	 }	0.63	[0.34; 1.18]	1.6%	2.2%
Liu Y_ZHWU FanJ_ZH	1.47 0.4305 -0.12 1.1118			[1.87; 10.11] [0.10; 7.86]	0.9% 0.1%	1.6% 0.4%
Li H TH	0.15 0.4946	- 1		[0.44; 3.08]	0.7%	1.3%
Li Y_TH	1.79 1.2076			[0.56; 63.98]	0.1%	0.3%
Wang L_HPUW	1.42 0.5168	 		[1.50; 11.36]	0.6%	1.3%
Fixed effect model		€ 		[1.44; 1.69]		00.79/
Random effects model Heterogeneity: $I^2 = 56\%$, τ^2			1.74	[1.51; 2.02]		92.7%
MRB = 1		[]				
Tao B_JH	-0.09 1.2407		0.91	[0.08; 10.39]	0.1%	0.3%
Tian G_ MC	0.00 0.3122	1		[0.54; 1.84]	1.7%	2.3%
Cummings M_NY	0.38 0.3469	1		[0.74; 2.88]	1.4%	2.0%
LiX_TH TieLong C ZH	0.61 0.2932 2.62 1.1658	Ţ <u>.</u>		[1.03; 3.26] [1.40; 135.58]	2.0% 0.1%	2.4% 0.3%
Fixed effect model	2.02 1.1000	♦		[1.40, 135.56]	5.3%	0.3%
Random effects model		\		[0.94; 2.42]		7.3%
Heterogeneity: $I^2 = 33\%$, τ^2	$^2 = 0.0888, p = 0.20$	1				
Fixed effect model			1.55	[1.43; 1.68]	100.0%	
Random effects model		· •		[1.50; 1.98]		100.0%
Heterogeneity: $I^2 = 54\%$, τ^2			1			
Residual heterogeneity: I ²	= 55%, <i>p</i> < 0.010.01	0.1 1 10 1	00			

Candidate variable: Smoking (Active, present smoker), outcome: mortality, subgroup analysis: (crude vs adjusted)



Candidate variable: Cardiovascular disease (coronary heart disease or congestive heart failure), outcome: mortality, subgroup analysis by risk of bias: (moderate/high vs low)

Study	TE seTE	Odds Ratio	OR	95%-CI	Weight (fixed)	Weight (random)
LRB = 0		15				
Zhou F JH	0.76 1.0780	- -	2.14	[0.26; 17.70]	0.2%	0.7%
Wu C_WJH	-0.11 0.7435	- }-	0.90	[0.21; 3.86]	0.4%	1.3%
He XW_TMC	0.86 0.7893	 [-	2.37	[0.50; 11.13]	0.3%	1.2%
Ruan Q_JY	5.26 3.1792	 	-	[0.38; 97770.81]	0.0%	0.1%
Yang X_WJY	-0.07 0.9609	- [-	0.93	[0.14; 6.12]	0.2%	0.8%
Yuan M_CH	4.25 3.2475	1		[0.12; 40926.83]	0.0%	0.1%
Xie J_TH	2.48 1.0475 2.31 3.3374		12.00	[1.54; 93.50]	0.2% 0.0%	0.7% 0.1%
Xie J_TH Chen M_SH- WC	1.89 0.5224		6.63	[0.01; 6972.51] [2.38; 18.46]	0.7%	2.1%
Xiao M ECRH	0.99 0.3577	<u> </u>	2.70	[1.34; 5.43]	1.6%	3.2%
Shuai Z UHTMC	-0.06 0.5112	4	0.94	[0.35; 2.57]	0.8%	2.2%
Tan L GHCTC	5.18 3.2236	- 		[0.32; 98145.76]	0.0%	0.1%
Zhang L CHW	1.40 0.5943	 	4.04	[1.26; 12.95]	0.6%	1.8%
Tao B_JH	1.67 1.2412	 [· · · ·	5.29	[0.46; 60.29]	0.1%	0.5%
Fu L_UH	-0.39 0.7805	 [-	0.68	[0.15; 3.13]	0.3%	1.2%
Hu B_ZH/WPH	5.03 3.2102	- [[0.28; 82832.42]	0.0%	0.1%
Li J_WRCH	1.74 0.3567	<u></u>	5.70	[2.83; 11.47]	1.6%	3.2%
Li J_CHW	1.19 0.6011	 -	3.30	[1.02; 10.72]	0.6%	1.7%
Shi S_RHWU	0.37 0.4394	#	1.44	[0.61; 3.41]	1.0%	2.6%
Zhang F_WH	-0.28 0.6953	-1 }	0.75	[0.19; 2.94]	0.4%	1.4%
Zhang H_ZH	2.46 0.8782	 -	11.75	[2.10; 65.70]	0.3%	1.0%
Zhang S_JH	1.16 0.5118 0.74 0.3722	<u> </u>	3.18 2.09	[1.17; 8.66] [1.01; 4.33]	0.8% 1.4%	2.2% 3.1%
Lang W_RH Sun X_PUMCH	0.85 1.1010	_[2.09	[1.01; 4.33] [0.27; 20.25]	0.2%	0.7%
FY JH, SPHCC, TPH	-0.54 0.9608	<u>\</u>	0.58	[0.09; 3.81]	0.2%	0.8%
LH SNUCM	0.12 0.2295	ļ.	1.13	[0.72; 1.77]	3.8%	4.3%
CB UDH	0.47 0.4775	1	1.60	[0.63; 4.08]	0.9%	2.3%
Chen R Mu	1.51 0.7399	 [4.51	[1.06; 19.24]	0.4%	1.3%
Zhang X_SEH	-0.05 0.3151	+;	0.96	[0.51; 1.77]	2.0%	3.5%
Li J_ČHW	0.80 0.3065	 - 	2.23	[1.22; 4.07]	2.1%	3.6%
Yin Y_MC	0.31 0.5276	- +;-	1.36	[0.48; 3.82]	0.7%	2.1%
WangY_TH	0.75 0.3394	 }-	2.13	[1.09; 4.13]	1.7%	3.3%
Paranjpel_MSHCS	1.09 0.1727	j a	2.98	[2.12; 4.18]	6.7%	4.9%
HuZ_TH	0.41 0.6701	 <u> </u>	1.50	[0.40; 5.58]	0.4%	1.5%
Benelli G_HC	0.99 0.2783	₹	2.68	[1.55; 4.63]	2.6%	3.9%
Zhang J_LH	4.16 3.2612	- i i i i i i i i i i i i i i i i i i i		[0.11; 38084.54]	0.0%	0.1%
Zhu Q_WUZH	2.31 0.7550 0.17 0.9575	_[:	10.03 1.19	[2.28; 44.06]	0.4% 0.2%	1.2% 0.8%
Wang D_WH/XH Auld S_TEHA	0.72 0.3366	<u> </u>	2.06	[0.18; 7.76] [1.07; 3.98]	1.8%	3.3%
Liu Y ZHWU	1.87 0.5201	E.	6.46	[2.33; 17.90]	0.7%	2.1%
FanJ ZH	0.12 1.1118	<u></u>	1.12	[0.13; 9.94]	0.7%	0.6%
GaoL HGH	0.20 0.5412	<u> </u>	1.22	[0.42; 3.52]	0.7%	2.0%
LiX TH	1.01 0.3983	 	2.73	[1.25; 5.97]	1.3%	2.9%
TieLong C ZH	1.05 0.6898	 [-	2.86	[0.74; 11.06]	0.4%	1.4%
Li Y_TH	0.35 1.2814	- -{-	1.42	[0.11; 17.46]	0.1%	0.5%
Wang L_HPUW	0.84 0.6006	 -	2.33	[0.72; 7.55]	0.6%	1.7%
Fixed effect model		•	2.24	[1.95; 2.57]	39.6%	
Random effects mode	1	ķ	2.27	[1.84; 2.79]		80.0%
Heterogeneity: $I^2 = 39\%$,	$\tau^2 = 0.1544, p < 0.01$	Ė				
LRB = 1		[}				
Du Rong-Hui_WPH	0.90 0.6018	 <u> </u>	2.46	[0.76; 8.00]	0.6%	1.7%
Rossi P_	0.53 0.1872	*	1.70	[1.18; 2.45]	5.7%	4.7%
Cummings M_NY	-0.44 0.4241	-+ }	0.65	[0.28; 1.48]	1.1%	2.7%
MandeepR_MC	0.99 0.1335	<u>I</u> P	2.70	[2.08; 3.51]	11.2%	5.2%
Docherty MB_MC	0.34 0.0692	17	1.40	[1.22; 1.60]	41.8%	5.6%
Fixed effect model). P	1.60	[1.43; 1.79]	60.4%	20.00/
Random effects mode Heterogeneity: I ² = 84%,		Ě	1.65	[1.11; 2.46]		20.0%
	- 0.1400, p < 0.01	6 . 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.				
Fixed effect model		į į	1.82		100.0%	
Random effects mode		6	2.13	[1.77; 2.56]		100.0%
Heterogeneity: $I^2 = 55\%$,		0.004 0.4 4.0 4000				
Residual heterogeneity: I'	= 50%, <i>p</i> < 0.01	0.001 0.1 1 10 1000				

Candidate variable: Cardiac arrhythmia (as previous condition or new clinical finding), outcome: mortality, subgroup analysis: (crude vs adjusted)

Study	TE	seTE		Odds	Ratio		OR	95	%-CI	Weight (fixed)	Weight (random)
ADJ = 0											
Zhang F_WH	0.37	0.8317				_	1.45	[0.28;	7.38]	1.7%	1.7%
Lang W_RH	1.05	0.4316				_	2.87	[1.23;	6.69]	6.4%	6.4%
Yin Y_MC	1.28	1.1707			٠.		3.61	[0.36; 3]	5.84]	0.9%	0.9%
Paranjpel_MSHCS	1.02	0.2284			1		2.78	[1.78;	4.36]	22.9%	22.9%
Fixed effect model					├		2.72	[1.86;	3.98]	32.0%	
Random effects mode					├		2.72	[1.86;	3.98]		32.0%
Heterogeneity: $I^2 = 0\%$, 1	$z^2 = 0, p =$	= 0.88									
ADJ = 1											
Rossi P_	0.62	0.1808			-			[1.31;			36.6%
MandeepR_MC	0.67	0.1953			₩-₩- Φ-Φ			[1.33;			31.4%
Fixed effect model					*		1.90	[1.47;	2.47]	68.0%	
Random effects mod					*		1.90	[1.47;	2.47]		68.0%
Heterogeneity: $I^2 = 0\%$, 1	$x^2 = 0, p =$	= 0.87									
Fixed effect model							2.14	[1.72;	2.65]	100.0%	
Random effects mode Heterogeneity: $I^2 = 0\%$, 1		= 0.70			*	\neg	2.14	[1.72;	2.65]		100.0%
Residual heterogeneity:			0.1	0.5	1 2	10					

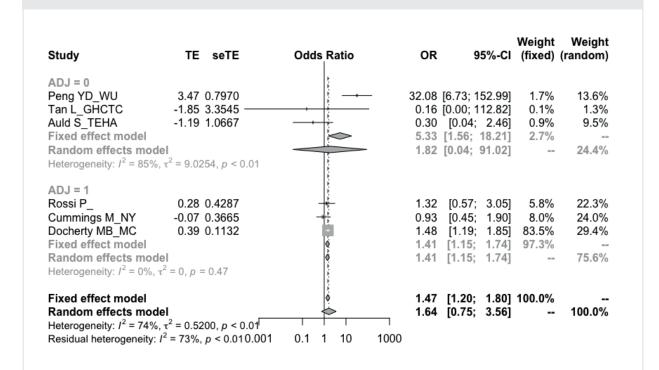
Candidate variable: Cerebrovascular disease (History of stroke or CNS disease), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)

Study	TE	seTE	Odds Ratio	OR		95%-CI	Weight (fixed)	Weight (random)
MRB = 0								
Ruan Q_JY		0.6101	#	1.77	[0.53;	5.84]	3.0%	4.5%
Yang X_WJY	6.33	10.0115			.00; 185925		0.0%	0.0%
Yuan M_CH	2.83	3.3587	- 	17.00	[0.02;	12284.28]	0.1%	0.3%
Xiao M_ECRH	1.56	0.3473	a	4.75	[2.40;	9.37]	9.2%	7.1%
Shuai Z_UHTMC	-2.52	3.1890	 	0.08	[0.00;	41.70]	0.1%	0.3%
Zhang L_CHW	2.08	0.5821	<u>₩</u>	7.99	[2.55;	25.00]	3.3%	4.7%
Tao B_JH	0.01	0.8608	+	1.01	[0.19;	5.47]	1.5%	2.9%
Hu B_ZH/WPH	0.27	0.8958	+	1.31	[0.23;	7.57]	1.4%	2.7%
Li J_WRCH	2.73	1.0675	 	15.27	[1.88;	123.71]	1.0%	2.1%
Zhang F WH	1.04	0.7043	+	2.84	[0.71;	11.28]	2.2%	3.8%
Zhang H ZH	1.55	0.9598	 -	4.70	[0.72;	30.84]	1.2%	2.5%
Zhang S_JH	1.68	0.8474	i.	5.37	[1.02;	28.27]	1.6%	3.0%
Sun X PUMCH	-0.19	1.1661	+	0.83	[0.08;	8.16]	0.8%	1.8%
LH_SNUCM	0.10	0.2682	ii)	1.11	[0.66;	1.88]	15.5%	8.0%
Chen R Mu	1.17	0.5745	 	3.21	[1.04;	9.89]	3.4%	4.8%
Li J CHW	2.03	0.2970		7.58	[4.23;	13.57	12.6%	7.7%
Yin Y MC	0.34	0.5918	#	1.40	[0.44;	4.47	3.2%	4.6%
Paranjpel_MSHCS	0.74	0.2474		2.09	[1.29;	3.40	18.2%	8.2%
Zhang J LH	1.20	1.3291	 -	3.33	[0.25;	45.11	0.6%	1.5%
Zhu Q WUZH	1.79	0.6295	 	5.98	[1.74;	20.531	2.8%	4.3%
Wang D WH/XH	1.67	0.8608	<u>i.</u>	5.31	[0.98;	28.71]	1.5%	2.9%
TieLong C_ZH		0.7925	#	1.16	[0.25;	5.50]	1.8%	3.2%
Wang L HPUW		0.8185	-	13.30	[2.67;	66.15]	1.7%	3.1%
Fixed effect model	2.00	0.0.00	li.	2.86	[2.29;	3.58]	86.7%	
Random effects mode	d		ا	3.10	[2.10;	4.59]		83.8%
Heterogeneity: $I^2 = 54\%$,		90, <i>p</i> < 0.01		0.10	[2.10,	4.00]		00.070
MRB = 1	0.50	0.5142	1	4.00	[0.ee-	4.003	4.00/	E 00/
Shi S_RHWU		0.5142	Ť.	1.80	[0.66;	4.93]	4.2%	5.3%
Tian G_ MC		0.5233	Ţ.	2.50	[0.90;	6.97]	4.1%	5.2%
Lang W_RH	0.36	0.4713	₹	1.44	[0.57;	3.63]	5.0%	5.7%
Fixed effect model			Q.	1.83	[1.04;	3.23]	13.3%	40.00/
Random effects mode Heterogeneity: $I^2 = 0\%$, τ^2		0.74	•	1.83	[1.04;	3.23]		16.2%
Fixed effect model				2.70	[2.19;		100.0%	-
Random effects mode Heterogeneity: $I^2 = 50\%$,		70 = < 0.01	- 	2.85	[2.02;	4.01]		100.0%

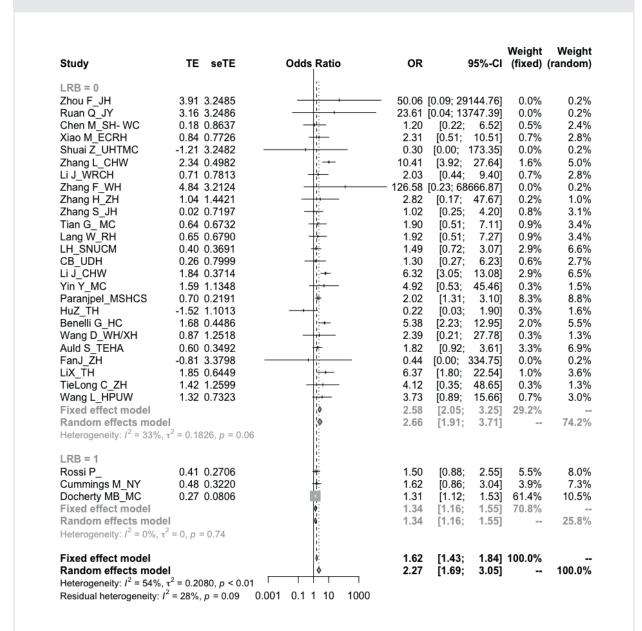
Ctualu	75	ooTE	Odda Datia	00		0.50/ 0:	Weight	
Study	TE	seTE	Odds Ratio	OR		95%-CI	(fixed)	(random)
LRB = 0	1.05	0.3036		0.05	[4.05]	6.001	4 70/	0.007
Zhou F_JH		0.3826][2.85	[1.35;	6.03]	1.7%	2.2%
Wu C_WJH		0.5914][2.33	[0.73;	7.44]	0.7% 0.6%	1.1%
He XW_TMC Ruan Q_JY		0.6512 0.4389	1	2.04 1.14	[0.57; [0.48;	7.33] 2.69]	1.3%	1.0% 1.8%
Yang X_WJY		0.4569	<u> </u>	2.52	[0.46,	13.58]	0.3%	0.6%
Yuan M_CH		3.2370	<u> </u>		0.44; 142		0.0%	0.0%
Du Rong-Hui_WPH		0.5272	- ↓-	1.94	[0.69;	5.45]	0.9%	1.4%
Xie J_TH		0.3057	<u> </u>	1.65	[0.90;	3.00]	2.6%	3.0%
Xie J_TH		0.5989	 	4.18	[1.29;	13.51]	0.7%	1.1%
Lu Jiatao_WHH		0.4050	 -	2.64	[1.19;	5.84]	1.5%	2.1%
Chen M_SH- WC	0.92	0.5861	 - -	2.52	[0.80;	7.95]	0.7%	1.1%
Xiao M_ECRH	1.04	0.2971	<u> -</u>	2.82	[1.58;	5.05]	2.8%	3.1%
Shuai Z_UHTMC		0.4489	+	1.20	[0.50;	2.90]	1.2%	1.8%
Tan L_GHCTC		1.1974	 • • • • • • • • • • • • • • • • • • 	8.50	[0.81;	88.85]	0.2%	0.3%
Zhang L_CHW		0.4136	-	3.77	[1.68;	8.48]	1.4%	2.0%
Zhang Y_WCUH		0.5395	<u>:</u> -	2.92	[1.01;	8.41]	0.8%	1.3%
Tao B_JH		0.5870	1	1.31	[0.41;	4.13]	0.7%	1.1%
Fu L_UH Hu B ZH/WPH		0.4366 0.7768	1	1.61 1.82	[0.68; [0.40;	3.79] 8.33]	1.3% 0.4%	1.8% 0.7%
_		0.7768	1	0.74	[0.40;	1.53]	1.8%	2.3%
Zhang F_WH		0.7223	11.	2.17	[0.53;	8.93]	0.5%	0.8%
Zhang H_ZH		0.6529	#	1.97	[0.55;	7.09]	0.6%	0.9%
Zhang S JH		0.3506	-	3.62	[1.82;	7.20]	2.0%	2.5%
Tian G_MC		0.2869	#	1.12	[0.64;	1.97]	3.0%	3.3%
Lang W_RH		0.3933	+	1.10	[0.51;	2.38]	1.6%	2.2%
_		0.7214	 	0.33	[0.08;	1.34]	0.5%	0.8%
FY_JH, SPHCC, TPH		0.8669	++	1.71	[0.31;	9.35]	0.3%	0.6%
LH_SNUCM		0.2131	in in	1.44	[0.95;	2.19]	5.4%	4.4%
CB_UDH		0.4395	 -	2.30	[0.97;	5.44]	1.3%	1.8%
Chen X_TH		0.3850	Ť	1.16	[0.55;	2.47]	1.6%	2.2%
Zhang X_SEH		0.2934	Ť <u>.</u>	1.19	[0.67;	2.11]	2.8%	3.2%
Li J_CHW		0.2613	!	2.15	[1.29;	3.58]	3.6%	3.6%
Yin Y_MC WangY_TH		0.4689	Ţ	1.34 1.52	[0.53;	3.35] 2.62]	1.1% 3.1%	1.7% 3.4%
WangY_TH Paranjpel MSHCS		0.2795 0.1505	E.	2.09	[1.56;	2.82]	10.7%	5.7%
GuoW_WUH		0.6985	<u> </u>	3.20	[0.81;	12.58]	0.5%	0.8%
HuZ_TH		0.4904	4	1.26	[0.48;	3.31]	1.0%	1.5%
Wen J ZH		0.5634	-	3.96	[1.31;	11.95]	0.8%	1.2%
Benelli G_HC		0.2974	-	3.76	[2.10;	6.74]	2.8%	3.1%
Zhang J_LH		1.2780	#	6.00	[0.49;	73.45]	0.1%	0.3%
Zhu Q_WUZH		0.5238		6.60	[2.36;	18.42]	0.9%	1.4%
Wang D_WH/XH		0.6710	<u> </u>	4.88	[1.31;	18.18]	0.5%	0.9%
MandeepR_MC		0.1170	iii	1.43	[1.13;	1.79]	17.8%	6.4%
Auld S_TEHA		0.3288	Ħ	1.15	[0.60;	2.19]	2.3%	2.8%
Liu Y_ZHWU		0.4990	1	3.30	[1.24;	8.78]	1.0%	1.5%
		3.2659 —		0.12	[0.00;	72.71]	0.0%	0.0%
LiX_TH		0.2961	_]	2.04	[1.14;	3.65]	2.8%	3.2%
TieLong C_ZH Li Y_TH		0.6699 3.3780		1.48 —— 45.00	[0.40; [0.06; 33	5.50]	0.5% 0.0%	0.9% 0.0%
Wang L HPUW		0.5888		— 45.00 1.16	[0.06; 33	3.67	0.0%	1.1%
Fixed effect model	0.10	0.0000	[}	1.79	[1.62;	1.98]	91.1%	1.170
Random effects model				1.87	[1.62;	2.16]	31.170	92.4%
Heterogeneity: $I^2 = 33\%$, τ^2	= 0.06	77, p = 0.02			,,]		70
LRB = 1	0.50	0 1896	į.	164	[4 42-	2 201	E 90/	4 00/
Rossi P_ Cummings M_NY		0.1896 0.3371	Ľ	1.64 1.36	[1.13;	2.38]	6.8% 2.1%	4.9% 2.7%
Fixed effect model	0.31	0.5571		1.57	[0.70; [1.14;	2.64] 2.17]	8.9%	2.170
Random effects model			[·	1.57	[1.14;	2.17]	0.9%	7.6%
Heterogeneity: $I^2 = 0\%$, $\tau^2 =$	= 0, p =	: 0.63		1.57	[1.14,	2.17]		1.070
Fixed effect model			Į.	1.77	[1.60;	-	100.0%	400.00/
Random effects model		81, p = 0.02		1.84	[1.61;	2.10]		100.0%

Study	TE	seTE	Odds Ratio	OR		95%-CI	Weight (fixed)	Weight (random)
LRB = 0			}					
Zhou F_JH		0.3386	1	3.05	[1.57;	5.92]	1.5%	2.3%
Wu C_WJH		0.5209	•	2.69	[0.97;	7.48]	0.7%	1.5%
He XW_TMC		0.5483	1	1.14	[0.39;	3.35]	0.6%	1.4%
Ruan Q_JY		0.3472 3.2346		1.91 ——— 166.60	[0.97;	3.77]	1.5% 0.0%	2.2% 0.1%
Yuan M_CH Du Rong-Hui_WPH		0.4832	-	4.08	[0.29, 94	10.52]	0.8%	1.7%
Xie J_TH		0.2396	÷	2.20	[1.38;	3.52]	3.1%	2.8%
Xie J_TH	1.94	0.4453		6.93	[2.90;	16.60]	0.9%	1.8%
Lu Jiatao_WHH		0.3613	 •	1.74	[0.86;	3.53]	1.4%	2.2%
Chen M_SH- WC		0.4275	<u> </u>	2.38	[1.03;	5.50]	1.0%	1.9%
Xiao M_ECRH Shuai Z_UHTMC		0.2540 0.3496		7.08 1.35	[4.30; [0.68;	11.64] 2.68]	2.7% 1.5%	2.7% 2.2%
Tan L GHCTC		0.8150	-	4.90	[0.99;	24.21]	0.3%	0.8%
Zhang L CHW		0.3403	+	7.01	[3.60;	13.66]	1.5%	2.3%
Tao B JH		0.4197	i	2.38	[1.05;	5.42]	1.0%	1.9%
Fu L_ÜH	0.70	0.3911	 -	2.02	[0.94;	4.35]	1.2%	2.0%
Hu B_ZH/WPH		0.6770	+	1.50	[0.40;	5.65]	0.4%	1.1%
Zhang F_WH		0.6513	1	1.32	[0.37;	4.73]	0.4%	1.1%
Zhang H_ZH		0.5759 0.2852		2.08 2.61	[0.67;	6.44]	0.5%	1.3% 2.6%
Zhang S_JH Tian G MC		0.2583	<u></u>	1.37	[1.50; [0.83;	4.57] 2.28]	2.2% 2.7%	2.7%
Lang W_RH		0.3091	<u> </u>	1.59	[0.87;	2.91]		2.4%
Sun X PUMCH		0.6673	#	1.80	[0.49;	6.66]	0.4%	1.1%
FY_JH, SPHCC, TPH	0.46	0.7096	+	1.58	[0.39;	6.35]	0.4%	1.0%
LH_SNUCM		0.2767	Ţ	1.25	[0.73;	2.15]	2.3%	2.6%
CB_UDH		0.3930	- 	0.70	[0.32;	1.51]		2.0%
Chen X_TH		0.3111		1.32	[0.72;	2.43]	1.8%	2.4% 1.7%
Yang G_HPHTCM Zhang X_SEH		0.4683 0.2440	I	1.68 0.92	[0.67; [0.57;	4.21] 1.48]	0.8% 3.0%	2.8%
Yin Y MC		0.3857	Ţ <u>i</u>	1.86	[0.88;	3.97]	1.2%	2.1%
WangY_TH		0.2263	÷	2.08	[1.34;	3.24]	3.5%	2.9%
Paranjpel_MSHCS	0.64	0.1385	į.	1.89	[1.44;	2.48]	9.2%	3.3%
ZengZ_HH		0.4841	 	1.36	[0.53;	3.51]	0.8%	1.6%
HuZ_TH		0.4220	††	1.11	[0.48;	2.54]	1.0%	1.9%
Wen J_ZH Benelli G HC		0.4564 0.2730		4.58 2.68	[1.87;	11.20] 4.57]	0.9% 2.4%	1.8% 2.6%
Zhang J_LH		0.2730		1.39	[1.57; [0.22;	8.92]	0.2%	0.6%
Zhu Q WUZH		0.5050	ļ 	6.75	[2.51;	18.15]	0.7%	1.6%
Wang D_WH/XH		0.7279	- - - -	1.10	[0.26;	4.58]	0.3%	1.0%
Xie J_UHW		0.4150	<u>+</u> }	1.20	[0.53;	2.71]	1.0%	1.9%
MandeepR_MC		0.1044	T:	0.94	[0.77;	1.16]	16.3%	3.4%
Auld S_TEHA		0.3446	1	1.05	[0.53;	2.06]	1.5%	2.3%
Grasselli G_LIN Liu Y ZHWU		0.1397 0.3941	list.	2.24 3.94	[1.71; [1.82;	2.95] 8.53]	9.1% 1.1%	3.3% 2.0%
FanJ ZH		1.1118		1.12	[0.13;	9.941	0.1%	0.5%
GaoL HGH		0.5125	+	1.61	[0.59;	4.40]	0.7%	1.5%
LiX_TH	0.93	0.2491	+	2.54	[1.56;	4.14]	2.9%	2.7%
TieLong C_ZH		0.5797	+	1.80	[0.58;	5.61]		1.3%
Li Y_TH		1.5174	1:	4.75	[0.24;	92.96]	0.1%	0.3%
Wang L_HPUW Fixed effect model	1.03	0.4377	7	2.80	[1.19;	6.60] 1.96]	0.9% 91.7%	1.8%
Random effects model			ķ	1.80 2.02	[1.65; [1.70;	2.41]	91.7/0	95.2%
Heterogeneity: $I^2 = 68\%$, τ^2	= 0.21	68, p < 0.0	1	2.02	[11.70,	2.41]		00.270
LRB = 1								
Rossi P_		0.1532		1.64	[1.22;	2.22]		3.2%
Cummings M_NY	1.01	0.4957	 -	2.75	[1.04;	7.26]		1.6%
Fixed effect model				1.72	[1.29;	2.29]	8.3%	4.00/
Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0\%$	= 0, p =	0.32		1.72	[1.29;	2.29]		4.8%
Fixed effect model			F	1.79	[1.65;	1.95]	100.0%	
Random effects model			, i	2.02	[1.71;	2.38]		100.0%
Heterogeneity: $I^2 = 67\%$, τ^2				1				
Residual heterogeneity: I ²	= 68%,	p < 0.01	0.001 0.1 1 10 10	00				

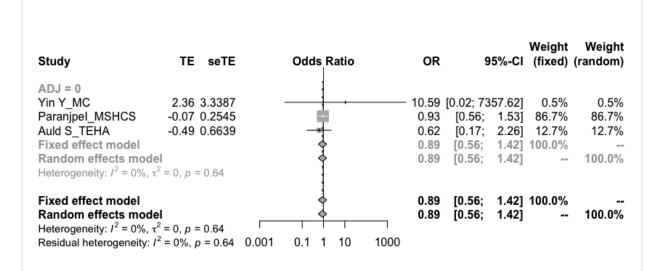
Candidate variable: obesity, outcome: mortality, subgroup analysis: (crude vs adjusted)



Candidate variable: chronic kidney disease, outcome: mortality, subgroup analysis by risk of bias: (moderate/high vs low)

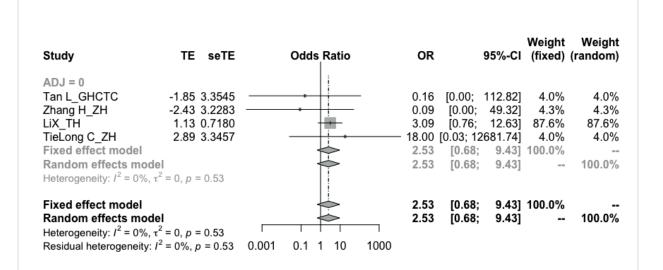


Candidate variable: asthma, outcome: mortality, subgroup analysis: (crude vs adjusted)

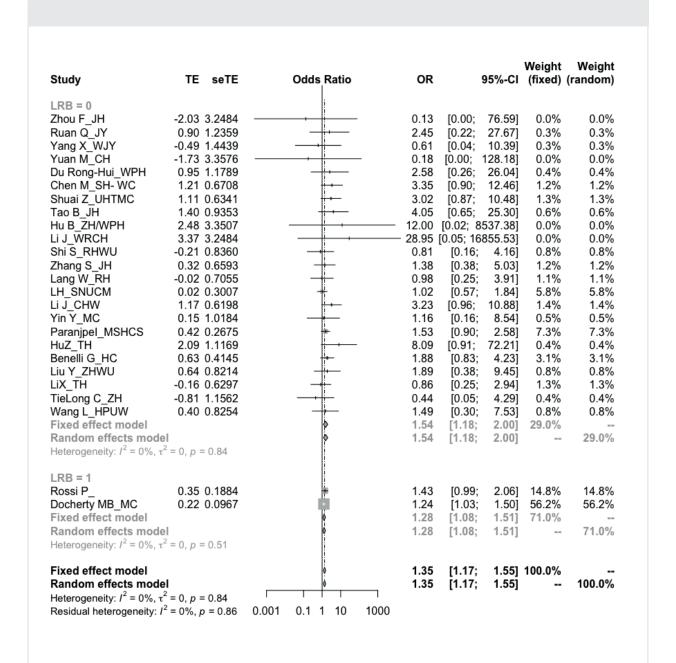


Study	TE	seTE	Odds	Ratio	OR		95%-CI	Weight (fixed)	Weight (random)
LRB = 0				1					
Zhou F_JH	1.69	0.8814		1:	5.40	[0.96;	30.39]	0.4%	1.7%
He XW_TMC	1.54	1.6062	_		4.66	[0.20;	108.53]	0.1%	0.6%
Peng YD_WU	0.90	1.2359	_		2.45	[0.22;	27.67]	0.2%	1.0%
Yang X_WJY	-0.51	1.0435		12	0.60	[0.08;	4.64]	0.3%	1.3%
Xie J TH	1.87	0.7688		1:	6.50	[1.44;	29.33	0.5%	2.0%
Xie J TH		1.1308	-	ii. —	4.62	[0.50;	42.34	0.3%	1.1%
Chen M SH- WC		0.8447	-		3.18	[0.61;	16.64	0.4%	1.8%
Xiao M ECRH	1.69	0.4064		-	5.44	[2.45;	12.06	1.9%	4.2%
Zhang L_CHW		0.6235		15	2.79	[0.82;		0.8%	2.7%
Fu L UH		0.7345		1:	5.40	[1.28;	22.781	0.6%	2.2%
Hu B ZH/WPH		3.2625 ——		<u>ii</u>	0.06	[0.00;	35.44]	0.0%	0.2%
Li J WRCH		0.7100		1:	3.74	[0.93;	15.05]	0.6%	2.3%
Shi S RHWU		1.2251		1	0.37	[0.03;		0.2%	1.0%
Zhang H_ZH		3.2298	_	i)		[0.17; 53		0.0%	0.2%
Zhang N_ZH		1.1036		1	10.80	[1.24;	93.96]	0.3%	1.2%
Tian G MC		0.6626		<u> -</u>	2.50	[0.68;	-	0.7%	2.5%
Lang W RH		0.4879		1	2.68	[1.03;		1.3%	3.6%
Sun X PUMCH		3.2174		Ĭ.	- 9.06		961.83]	0.0%	0.2%
LH_SNUCM		0.2040		+	1.32	[0.88;	-	7.7%	6.0%
_				11			-		3.0%
Chen X_TH		0.5713		11.	3.76	[1.23;	11.52] 9.97]	1.0%	
Zhang X_SEH		0.5464		<u> </u>	3.42	[1.17;		1.1%	3.2%
Li J_CHW		0.5174	1	i i	1.92	[0.70;	-	1.2%	3.3%
Yin Y_MC		0.5717		T .	1.18	[0.38;	-	1.0%	3.0%
WangY_TH		0.6507		<u> </u>	7.51	[2.10;	26.89]	0.8%	2.6%
Paranjpel_MSHCS		0.2699		Ī	2.36	[1.39;	4.01]	4.4%	5.4%
HuZ_TH		0.8446		1	1.47	[0.28;	-	0.4%	1.8%
Wen J_ZH		0.6555		1	3.36	[0.93;	12.13]	0.7%	2.5%
Benelli G_HC		0.3818	_	1 7	1.28	[0.60;		2.2%	4.4%
Zhang J_LH		3.2549 ——	-	1	0.03	[0.00;	20.33]	0.0%	0.2%
Zhu Q_WUZH		1.0605		1	1.07	[0.13;		0.3%	1.2%
Wang D_WH/XH		1.2518	_	1:	2.39	[0.21;	27.78]	0.2%	0.9%
Auld S_TEHA		0.5924	-	#	0.68	[0.21;	-	0.9%	2.9%
Liu Y_ZHWU		0.7562		11.	4.14	[0.94;	18.23]	0.6%	2.1%
LiX_TH		0.5112		-	5.39	[1.98;	14.69]	1.2%	3.4%
TieLong C_ZH		1.1205		Ť.	0.28	[0.03;		0.3%	1.1%
Li Y_TH		1.1785		1	13.50		135.98]	0.2%	1.0%
Wang L_HPUW	2.07	0.8093			7.94	[1.62;	38.76]	0.5%	1.9%
Fixed effect model				io	2.29	[1.89;	2.78]	33.6%	
Random effects model Heterogeneity: $I^2 = 32\%$, τ^2		77 0.00		io i	2.59	[1.98;	3.39]		79.5%
neterogeneity: 1 = 32%, t	= 0.17	77, p = 0.03		•					
LRB = 1	0.40	0.2270		į.	4 40	10.00-	1 701	E 70/	E 70/
Rossi P_		0.2379	1	T:	1.10	[0.69;	1.76]	5.7%	5.7%
Cummings M_NY		0.8493			9.11	[1.72;	48.12]	0.4%	1.8%
MandeepR_MC		0.2011		[+	2.96	[2.00;	4.39]	7.9%	6.1%
Docherty MB_MC	0.22	0.0782			1.24	[1.06;	1.45]	52.4%	6.9%
Fixed effect model				V:	1.38	[1.20;	1.58]	66.4%	20.50/
Random effects model Heterogeneity: $I^2 = 86\%$, τ^2	² = 0.25	83, <i>p</i> < 0.01		Y:	1.86	[1.04;	3.33]		20.5%
Fixed effect model				• •	1 64	[4 46-	1 021	100 00/	
				V: ♦	1.64	[1.46;		100.0%	100.09/
Random effects model				▼	2.43	[1.89;	3.14]	-	100.0%
Heterogeneity: $I^2 = 57\%$, τ^2 Residual heterogeneity: I^2	= 0.24	us, p < 0.01 '	0.1 1	10 100					

Candidate variable: Tuberculosis, outcome: mortality



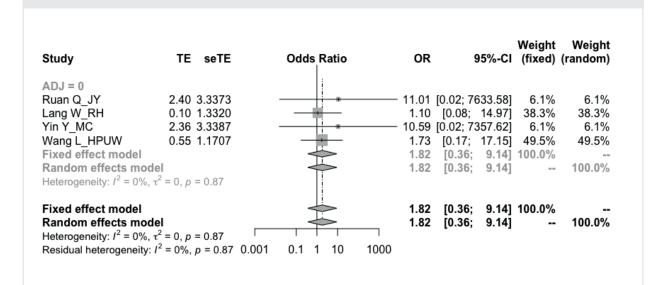
Candidate variable: Cancer, solid or active haematologic cancer, outcome: mortality, subgroup analysis by risk of bias: (moderate/high vs low)



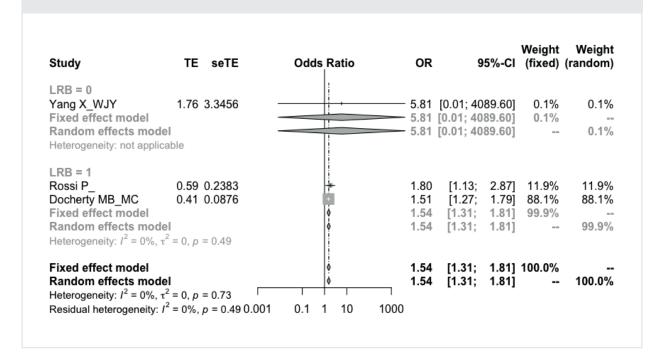
Candidate variable: Immunocompromised, outcome: mortality

study	TE	seTE	Odds Ratio	OR	95%-CI	Weight (fixed)	Weight (random)
$\Delta DJ = 0$							
hang H ZH	1.08	1.0410	- • -	2.94	[0.38; 22.60]	4.6%	4.6%
landeepR MC	0.47	0.2281		1.61	[1.03; 2.51]	95.4%	95.4%
ixed effect model					[1.07; 2.55]		
Random effects mod leterogeneity: $I^2 = 0\%$,		= 0.57		1.65	[1.07; 2.55]		100.0%
ixed effect model			~	1.65	[1.07; 2.55]	100.0%	
Random effects mod	el			1.65	[1.07; 2.55]		100.0%

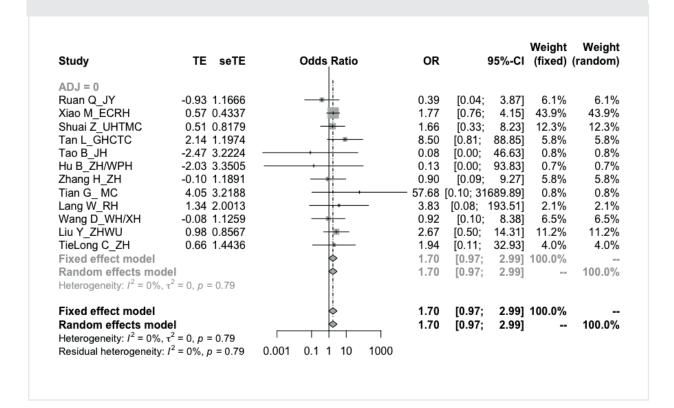
Candidate variable: Autoimmune disease, outcome: mortality



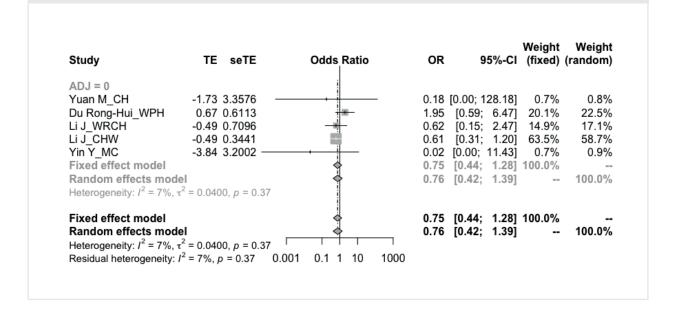
Candidate variable: Dementia, outcome: mortality, subgroup analysis by risk of bias: (moderate/high vs low)



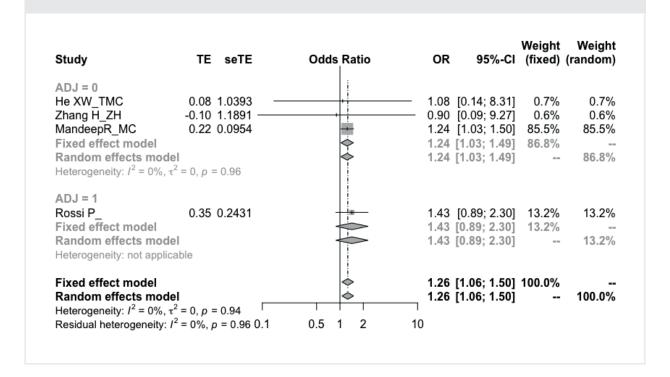
Candidate variable: Chronic liver disease, outcome: mortality



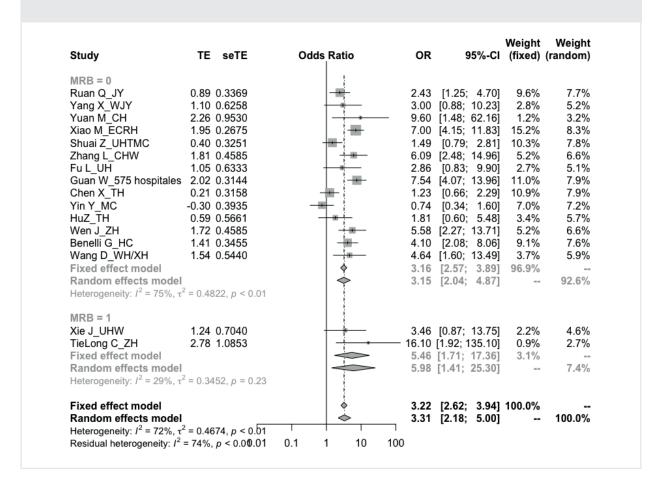
Candidate variable: chronic gastric disease (history of peptic ulcer or gastritis), outcome: mortality



Candidate variable: Dyslipidemia, outcome: mortality, subgroup analysis: (crude vs adjusted)



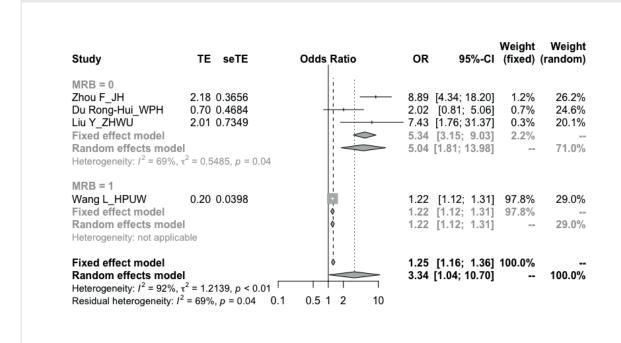
Candidate variable: Any chronic condition or comorbidities, outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)



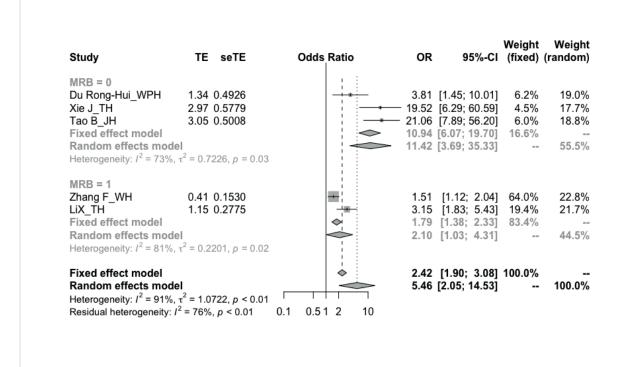
Candidate variable: Respiratory failure, outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)

Study	TE seTE	Odds Ratio	OR		95%-CI		Weight (random)
MRB = 0							
Ruan Q_JY	3.43 0.4568	(=		[12.58;	-		
Li J_WRCH	6.77 3.1736	1: -		[1.74; 438			4.3%
Wen C_JH	0.58 0.5210	 		[0.64;			
Zhang H_ZH	7.44 3.2159	†		[3.12; 930			
WangY_TH	5.23 0.6134	-		[56.15;			
Xie J_UHW	5.53 3.1729	11:		[0.50; 127			4.3%
Fixed effect model				[11.36;	-		
Random effects mo		1	51.09	[5.90;	442.29]		64.9%
Heterogeneity: I ² = 87	7% , $\tau^2 = 4.5489$, $p < 0.01$						
MRB = 1							
Shi S RHWU	2.46 0.6632	 	11.66	[3.18;	42.78]	8.5%	16.6%
LiX TH	1.15 0.2775	-	3.15	[1.83;	-		18.6%
Fixed effect model		♦ i	3.83	[2.32;	6.32]	57.2%	
Random effects mo	odel	\line\	5.28	[1.51;	18.48]		35.1%
Heterogeneity: $I^2 = 70$	1% , $\tau^2 = 0.5980$, $\rho = 0.07$				-		
Fixed effect model		*	7.82	[5.35;	11.42]	100.0%	
Random effects mo	odel	│ ◆	21.17	[4.91;	91.32]		100.0%
	1% , $\tau^2 = 2.9183$, $p < 0.01$			- '	-		
Residual heterogeneit	y: $I^2 = 86\%$, $p < 0.01$	0.001 0.1 1 10 1000					

Candidate variable: Tachypnea, outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)



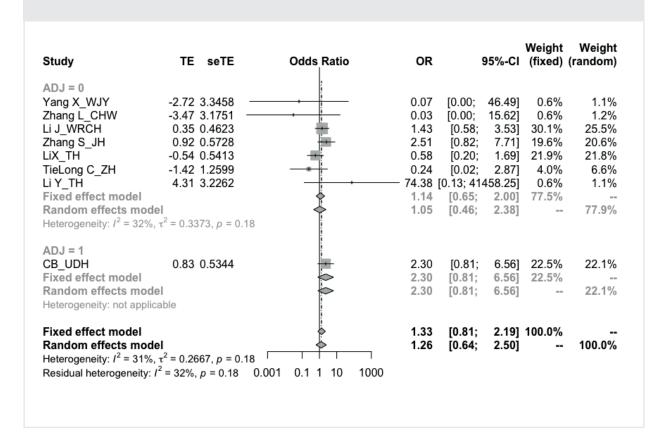
Candidate variable: Hypoxemia, outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)



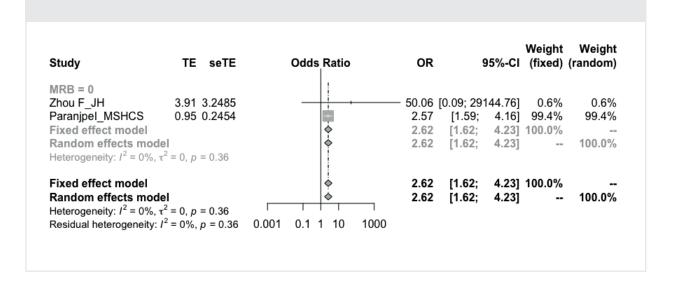
Candidate variable: Dyspnea, outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)

Study	TE	seTE	Odds Ratio	OR		95%-CI	Weight (fixed)	Weight (random)
MRB = 0			;					
Wu C WJH	0.56 (0.4488	불	1.75	[0.73;	4.22]	3.6%	4.4%
Ruan Q JY		0.4242	<u> </u>	3.98	[1.74;	9.15]	4.0%	4.7%
Yang X_WJY		0.5889	4.	1.27	[0.40;	4.04]	2.1%	3.1%
Yuan M CH		3.3410			[2.28; 110		0.1%	0.1%
Du Rong-Hui_WPH		0.6443	 	7.35	[2.08;	25.99]	1.7%	2.7%
Chen M SH- WC		0.4614	-	6.93	[2.80;	17.11]	3.4%	4.2%
Xiao M ECRH		1.1241		12.58	[1.39;	113.94]	0.6%	1.1%
Shuai Z UHTMC		0.3345	-	2.75	[1.43;	5.30]	6.4%	6.0%
Zhang L_CHW		0.3210		1.95	[1.04;	3.65]	7.0%	6.2%
Tao B JH		0.4205	T ₊	4.93	[2.16;	11.24]	4.1%	4.7%
Li J WRCH		3.1725	<u> </u>	— 1499.48			0.1%	0.1%
Zhang H ZH		0.6129	<u> </u>	7.80	[2.35;	25.93	1.9%	2.9%
Zhang R_ZH Zhang S_JH		0.2973	1	4.44	[2.48;	7.96]	8.1%	6.6%
Lang W RH		0.3498	<u> </u>	2.86	[1.44;	5.68]	5.9%	5.7%
Chen R_Mu		0.5627	<u> </u>	4.15			2.3%	3.3%
			T.		[1.38;	12.51]		
Chen X_TH		0.3369	-	5.66	[2.92;	10.95]	6.3%	5.9%
WangY_TH		0.2435		2.89	[1.79;	4.66]		7.6%
HuZ_TH	-0.35 (0.70	[0.12;	4.04]	0.9%	1.6%
Benelli G_HC		0.2662		3.17	[1.88;	5.35]		7.2%
Yang J_WUH		0.5725	77	1.41	[0.46;	4.33]	2.2%	3.2%
Zhang J_LH		3.2838		34.83	[0.06; 2		0.1%	0.1%
Zhu Q_WUZH		0.5439	T:	1.35	[0.47;	3.93]	2.4%	3.4%
Wang D_WH/XH		0.6175	-	12.75	[3.80;	42.77]	1.9%	2.9%
FanJ_ZH		3.2456	1.	- 95.20	[0.16; 5		0.1%	0.1%
LiX_TH		0.2754	P P	3.30	[1.92;	5.66]	9.5%	7.0%
Li Y_TH	0.00	1.2500		1.00	[0.09;	11.59]	0.5%	0.9%
Fixed effect model			•	3.33	[2.81;	3.94]	97.1%	
Random effects mode			•	3.40	[2.66;	4.35]		95.6%
Heterogeneity: $I^2 = 42\%$,	$\tau^2 = 0.141$	13, p = 0.01						
MRB = 1	104	0 E76E		0.00	[4 00:	10 10	0.004	0.00/
Xie J_UHW		0.5765	1	3.36	[1.09;	10.40]	2.2%	3.2%
TieLong C_ZH	2.50	1.0101		12.90	[1.78;	93.42]	0.7%	1.3%
Fixed effect model	-1			4.68	[1.75;	12.48]	2.9%	4.40/
Random effects mode				5.10	[1.51;	17.26]		4.4%
Heterogeneity: $I^2 = 25\%$,	$\tau^2 = 0.228$	35, p = 0.25						
Fixed effect model			•	3.36	[2.85;	3.971	100.0%	
Random effects mode	el		•	3.46	[2.72;	4.38]		100.0%
Heterogeneity: $I^2 = 39\%$,		51. p = 0.02			<u></u> ,			
Residual heterogeneity: I			0.001 0.1 1 10 1000					

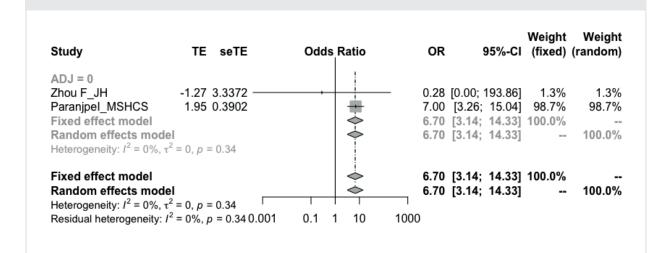
Candidate variable: Chest pain, outcome: mortality, subgroup analysis: (crude vs adjusted)



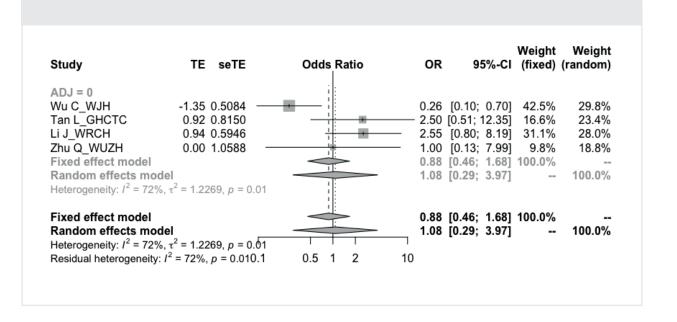
Candidate variable: Tachycardia, outcome: mortality,



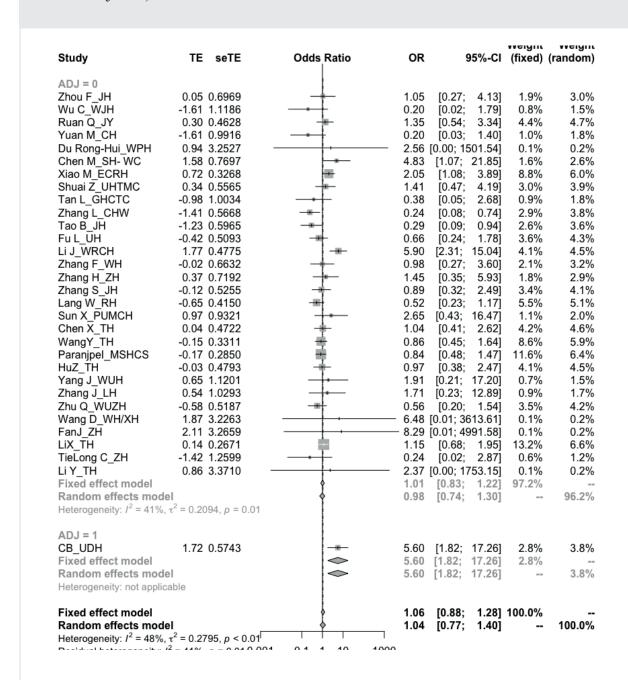
Candidate variable: Low blood pressure, outcome: mortality



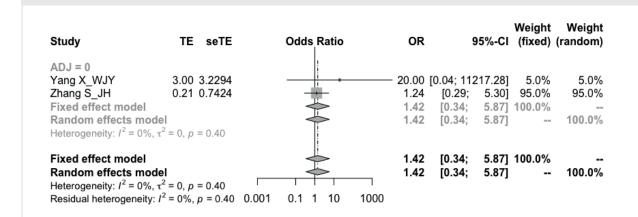
Candidate variable: High fever (more than 39°C), outcome: mortality



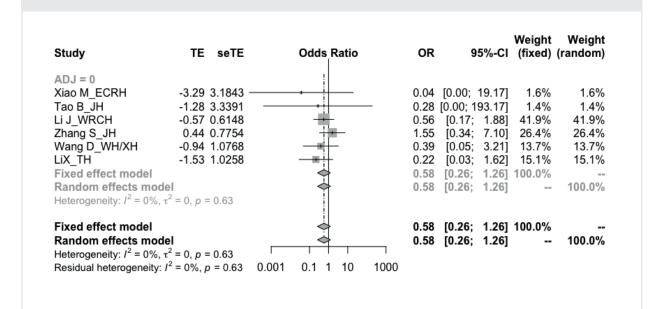
Candidate variable: Fever, outcome: mortality, subgroup analysis: (crude vs adjusted)



Candidate variable: Rhinorrhea, outcome: mortality



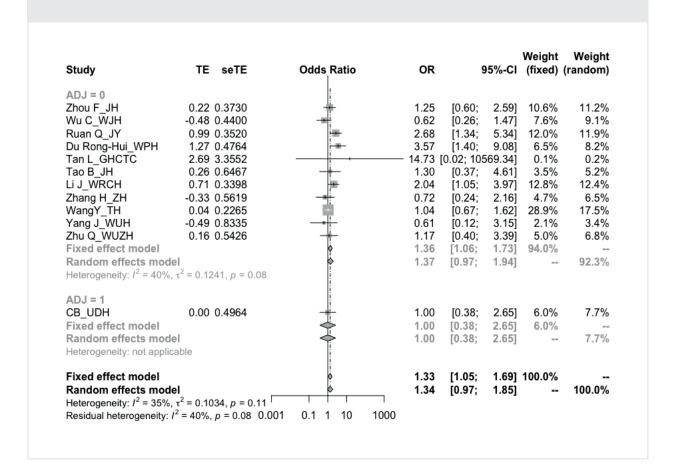
Candidate variable: Odynophagia, outcome: mortality



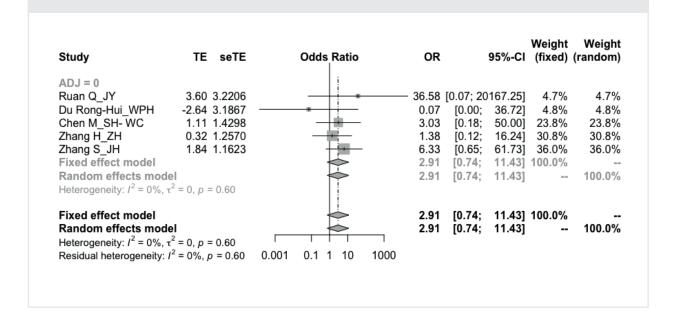
Candidate variable: cough, outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)

Study	TE	seTE	Odds Ratio	OR	95%-	Weight (fixed)	_
•						, ,	`
MRB = 0							
Zhou F_JH		0.3758	-	0.58	[0.28; 1.2		
Wu C_WJH		0.5914		0.43	[0.13; 1.3		
Ruan Q_JY		0.3726		1.17	[0.56; 2.4	•	
Yang X_WJY		0.6705	-}-	1.19	[0.32; 4.4		
Yuan M_CH		0.8109		0.55	[0.11; 2.6		
Du Rong-Hui_WPH		0.5102		0.39	[0.14; 1.0		
Chen M_SH- WC		0.4713		1.13	[0.45; 2.8		
Xiao M_ECRH		0.5396	-	0.30	[0.10; 0.8		
Shuai Z_UHTMC		0.3221	=	0.54	[0.29; 1.0		
Tan L_GHCTC		0.7472		1.25	[0.29; 5.4		
Zhang L_CHW		0.3227	-	2.04	[1.08; 3.8		
Tao B_JH		0.3989	+	1.05	[0.48; 2.2		
Fu L_UH		0.3825	-	0.87	[0.41; 1.8	•	
Li J_WRCH		0.3402	7	0.83	[0.43; 1.6	•	
Zhang H_ZH		0.6223	1	0.84	[0.25; 2.8		
Zhang S_JH		0.3088	#	0.91	[0.50; 1.6	•	
Sun X_PUMCH		0.8442		0.84	[0.16; 4.3		
Chen X_TH		0.4490	1	1.00	[0.41; 2.4		
WangY_TH		0.2414	1	1.40	[0.87; 2.2	•	
HuZ_TH		0.6454	_ +-	1.85	[0.52; 6.5	•	
Benelli G_HC		0.3908	-	0.17	[0.08; 0.3	•	
Yang J_WUH		0.6994	1 *	2.84	[0.72; 11.2		
Zhang J_LH		0.9487		0.72	[0.11; 4.6		
Zhu Q_WUZH		0.4892		0.43	[0.17; 1.1		
Wang D_WH/XH		0.5148	7	0.79	[0.29; 2.1		
FanJ_ZH		3.3798 -	1.		[0.00; 1694.6		
LiX_TH		0.2849	₹_	0.99	[0.57; 1.7		
TieLong C_ZH		0.6565	1.	2.68	[0.74; 9.7		
Li Y_TH	0.77	1.2123		2.15	[0.20; 23.1		
Fixed effect model	-1-1		1	0.88	[0.75; 1.0		
Random effects moderate Heterogeneity: $I^2 = 46\%$		88, p < 0.01		0.85	[0.67; 1.0	8]	96.5
MRB = 1							
CB_UDH	-0.22	0.4840		0.80	[0.31; 2.0	7] 2.8%	3.5
Fixed effect model			\rightarrow	0.80	[0.31; 2.0	7] 2.8%	
Random effects mo	del		\rightarrow	0.80	[0.31; 2.0	7]	3.5
Heterogeneity: not appl	icable					-	
Fixed effect model			4	0.87	. ,	2] 100.0%	
Random effects mo	aei , 2 - :-		- 9	0.85	[0.68; 1.0	' 1	100.0
Heterogeneity: $I^2 = 44\%$ Residual heterogeneity	6, τ¯ = 0.15	69, $p < 0.01$	0.1 1 10	1000			

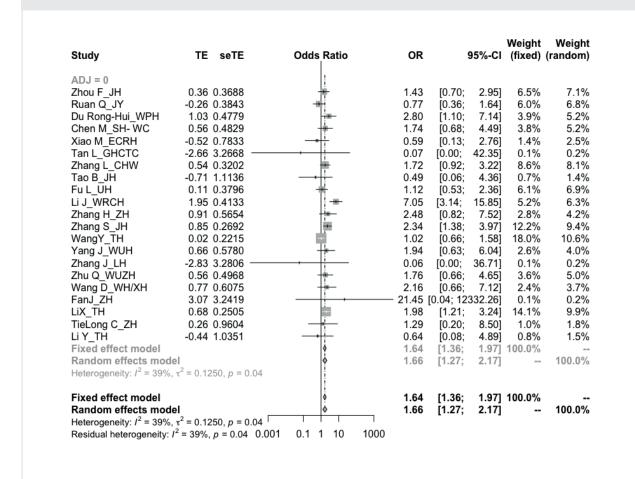
Candidate variable: productive cough, outcome: mortality, subgroup analysis: (crude vs adjusted)



Candidate variable: hemoptysis, outcome: mortality



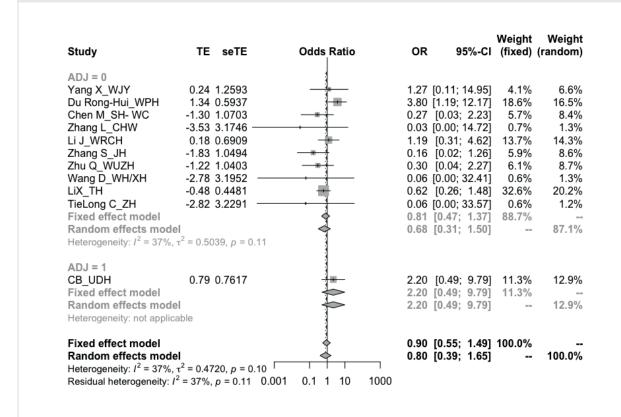
Candidate variable: fatigue, outcome: mortality



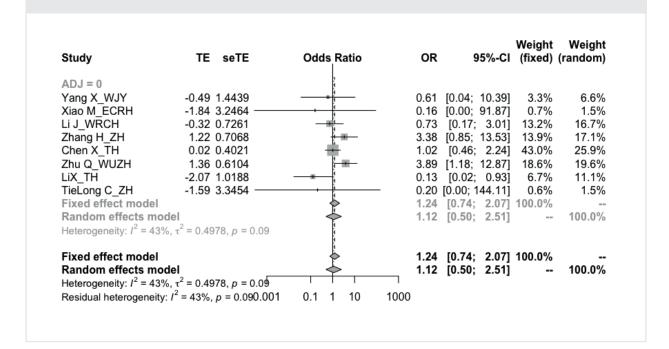
Candidate variable: myalgia/arthralgia, outcome: mortality, subgroup analysis: (crude vs adjusted)

Study	TE seTE	Odds Ratio	OR	95%-CI	Weight (fixed)	Weight (random)
ADJ = 0						
Zhou F_JH	-0.04 0.4505	+	0.96 [0.4	0; 2.32]	7.5%	7.5%
Ruan Q_JY	0.09 0.4919	-	1.10 [0.4	2; 2.88]	6.3%	6.3%
Yang X_WJY	0.25 0.9172		1.29 [0.2	1; 7.76]	1.8%	1.8%
Yuan M_CH	-0.18 1.2953		0.83 [0.0	7; 10.55]	0.9%	0.9%
Du Rong-Hui_WPH	0.89 0.5089	-	2.43 [0.8	9; 6.58]	5.9%	5.9%
Xiao M_ECRH	-1.84 3.2464		0.16 [0.0	0; 91.87]	0.1%	0.1%
Shuai Z_UHTMC	0.46 0.3389		1.58 [0.8	1; 3.07]	13.3%	13.3%
Tan L_GHCTC	-0.41 0.8333		0.67 [0.1	3; 3.41]	2.2%	2.2%
Zhang L_CHW	-0.23 0.3605	-	0.79 [0.3	9; 1.61]	11.7%	11.7%
Tao B_JH	0.94 1.4281		2.57 [0.1	6; 42.25]	0.7%	0.7%
Li J_WRCH	-0.50 0.4593	-	0.61 [0.2	5; 1.50]	7.2%	7.2%
Zhang H_ZH	-0.66 1.1320		0.52 [0.0	6; 4.76]	1.2%	1.2%
Zhang S_JH	-0.02 0.3788		0.98 [0.4	7; 2.06]	10.6%	10.6%
Zhu Q_WUZH	-0.34 0.5808	-	0.71 [0.2	3; 2.22]	4.5%	4.5%
Wang D_WH/XH	-0.27 0.5690	-	0.77 [0.2			4.7%
LiX_TH	-0.50 0.3443	-	0.61 [0.3	1; 1.19]	12.9%	12.9%
TieLong C_ZH	-1.04 0.8408		0.35 [0.0	7; 1.83]	2.2%	2.2%
Fixed effect model		ę –	0.92 [0.7	2; 1.19]	93.8%	
Random effects mod		♦	0.92 [0.7	2; 1.19]		93.8%
Heterogeneity: $I^2 = 0\%$,	$\tau^2 = 0, p = 0.76$					
ADJ = 1						
CB_UDH	0.59 0.4964	1	1.80 [0.6			6.2%
Fixed effect model			1.80 [0.6			-
Random effects mod			1.80 [0.6	8; 4.76]		6.2%
Heterogeneity: not applie	cable					
Fixed effect model		†	0.96 [0.7			-
Random effects mod			0.96 [0.7	6; 1.23]		100.0%
Heterogeneity: $I^2 = 0\%$, Residual heterogeneity:		1 0.1 1 10	1000			

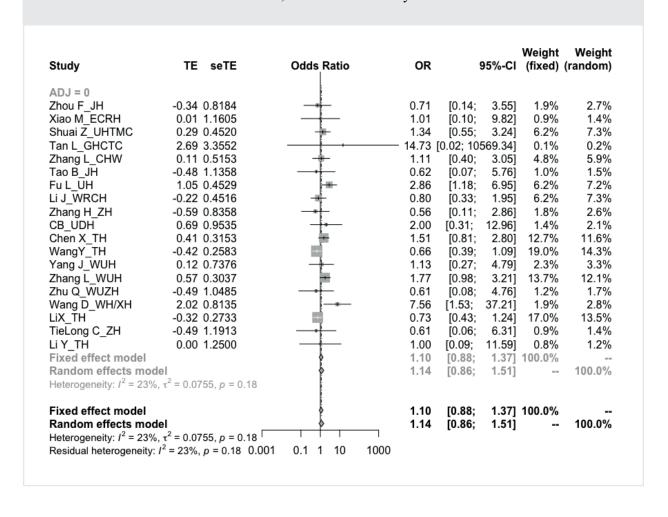
Candidate variable: headache, outcome: mortality, subgroup analysis: (crude vs adjusted)



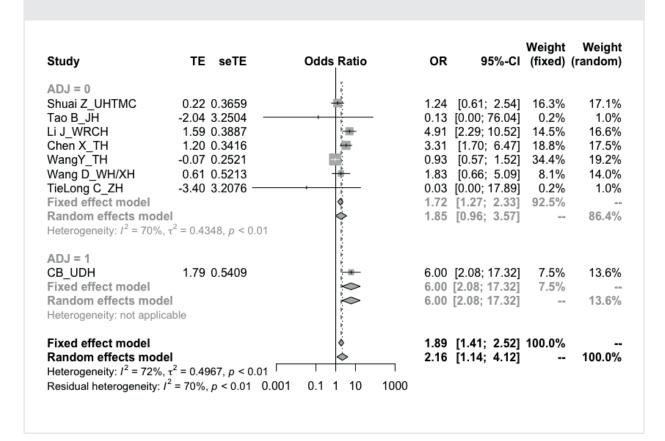
Candidate variable: vomits, outcome: mortality



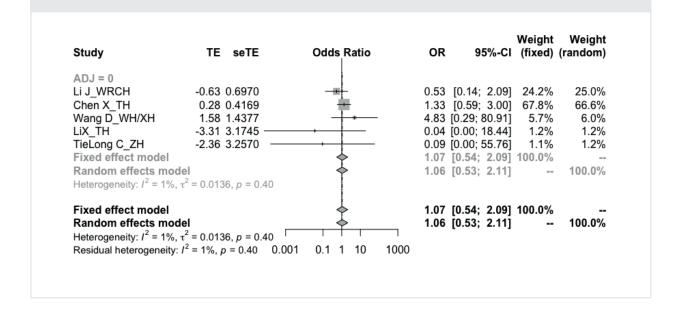
Candidate variable: diarrhea, outcome: mortality



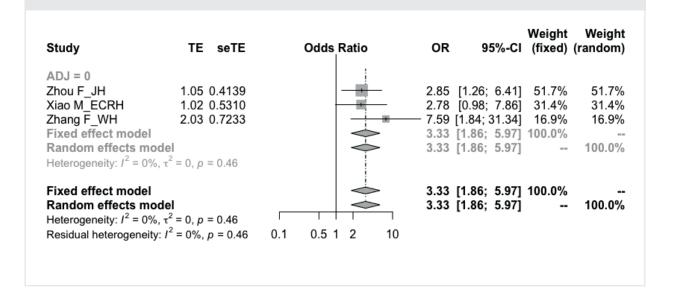
Candidate variable: anorexia, outcome: mortality, subgroup analysis: (crude vs adjusted)



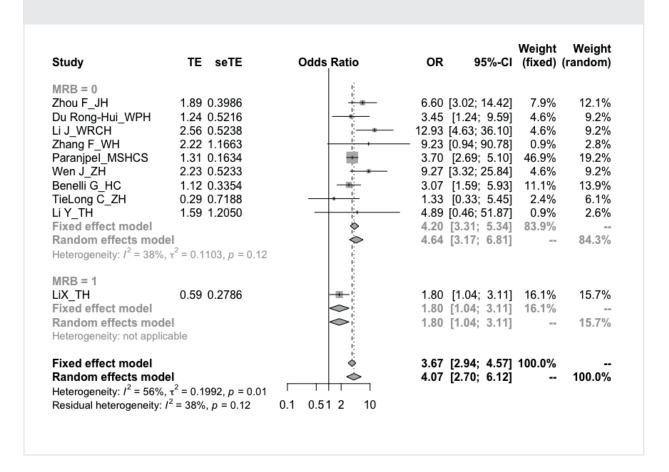
Candidate variable: abdominal pain, outcome: mortality



Candidate variable: anemia, outcome: mortality

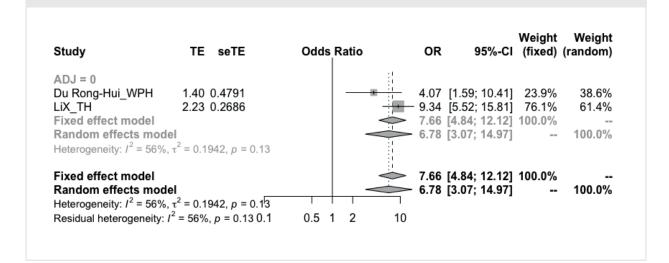


Candidate variable: High WBC (greater than 10.0 x 109/L), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)

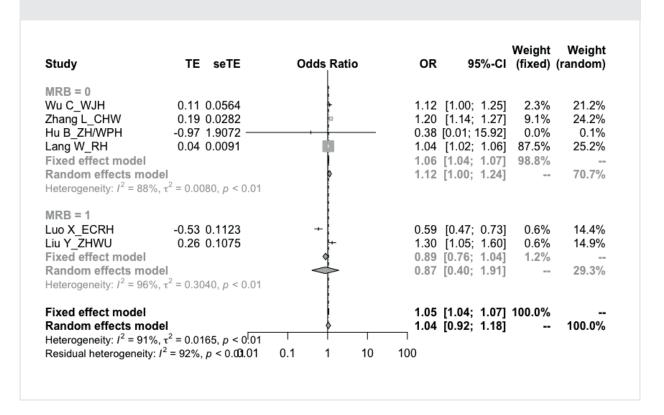


Candidate variable: High Neutrophil count (greater than 6.3 x 109/L),

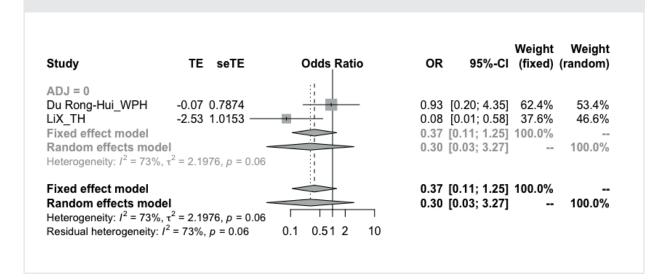
outcome: mortality



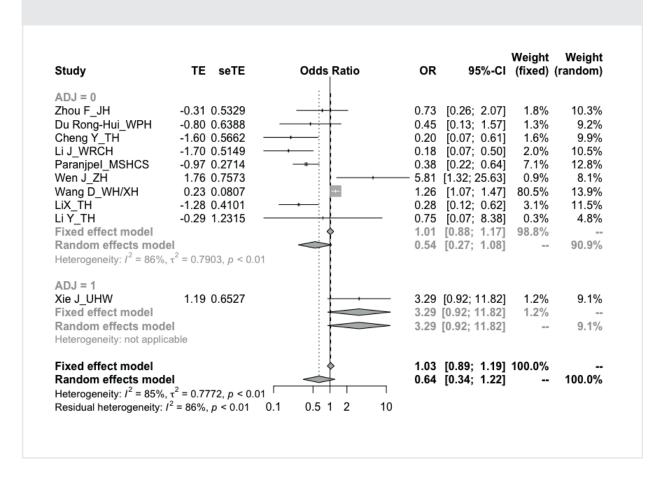
Candidate variable: Neutrophil count increase(per 1 x 109 U/L), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)



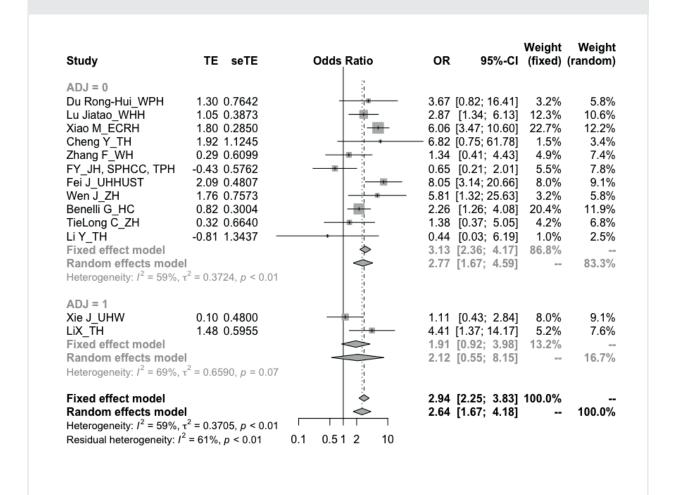
Candidate variable: Low neutrophil count (less than 1.8 x 109/L), outcome: mortality



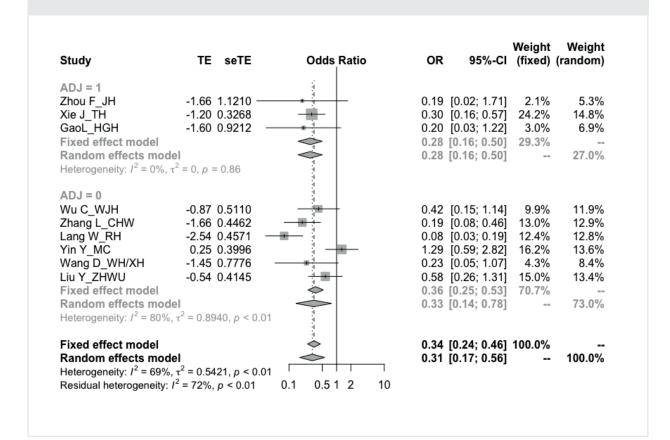
Candidate variable: Leukopenia (less than 3.5-4 x 10°/L), outcome: mortality, subgroup analysis: (crude vs adjusted)



Candidate variable: Low Lymphocyte count (less than 0.8-1.5x 10⁹/L), outcome: mortality, subgroup analysis: (crude vs adjusted)



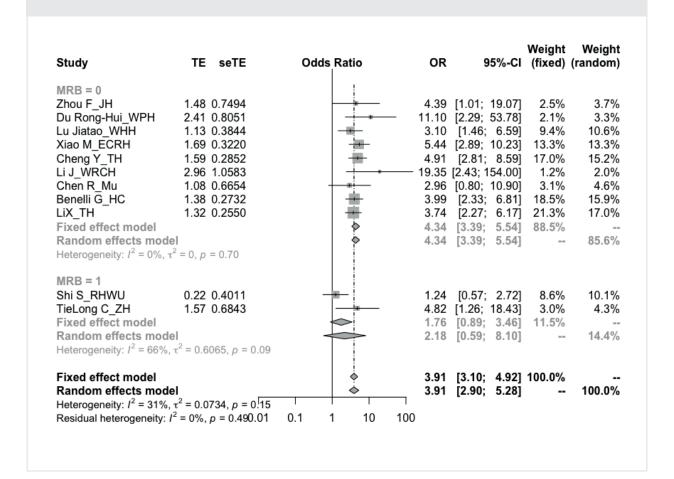
Candidate variable: Lymphocyte count increase (per 1 x 10° U/L), outcome: mortality, subgroup analysis: (crude vs adjusted)



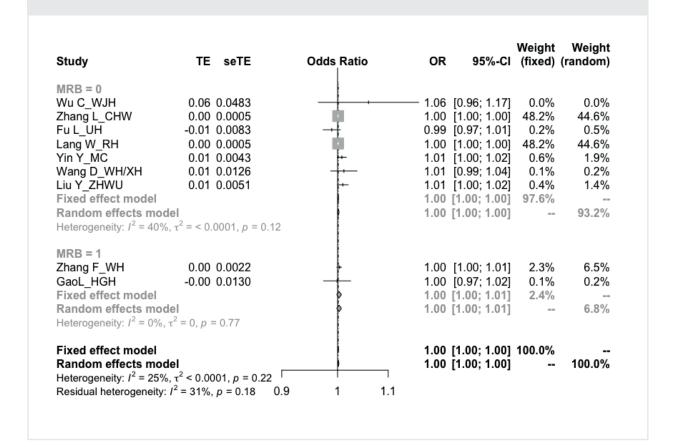
Candidate variable: Low platelet count (less than 100-150 x 109/L), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)

Study	TE	seTE	Odds	Ratio	OR	95%-CI	Weight (fixed)	Weight (random)
MRB = 0				: 1			, ,	. ,
Zhou F_JH	2.85	0.7884		- 1	— 17 27	[3.68; 80.97]	2.1%	8.4%
Xiao M ECRH		0.2943				[1.99; 6.30]		
Li J WRCH		0.5895				[2.17; 21.91]		
Zhang F WH		0.7233				[1.84; 31.34]		
Yang X_WJH		0.1720		-		15.78; 30.98]		
Zhou H_UH		0.8874	_			[0.69; 22.30]		
LiX TH		0.2524		-		[1.46; 3.94]		
TieLong C ZH		0.7434	_			[0.67; 12.27]		
Fixed effect model				♦		6.70; 10.69]		
Random effects mode	el					2.54; 14.68]		80.1%
Heterogeneity: $I^2 = 90\%$,	$\tau^2 = 1.2$	680, <i>p</i> < 0.01						
MRB = 1				1				
Xie J_UHW	1.00	0.5739		* 1	2.71	[0.88; 8.35]	4.0%	10.0%
Liu Y_CHW	1.44	0.5952			4.24	[1.32; 13.61]	3.7%	9.8%
Fixed effect model					3.36	[1.50; 7.56]	7.7%	
Random effects mode	el				3.36	[1.50; 7.56]		19.9%
Heterogeneity: $I^2 = 0\%$, 1	$x^2 = 0, p$	= 0.59						
Fixed effect model				\$		[6.30; 9.87]	100.0%	
Random effects mode		540 .061			5.43	[2.55; 11.57]		100.0%
Heterogeneity: $I^2 = 88\%$,			04 05					
Residual heterogeneity:	r = 88%	, <i>p</i> < 0.01	0.1 0.5	1 2 10				

Candidate variable: High plasma creatinine (more than 1.5 mg%), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)



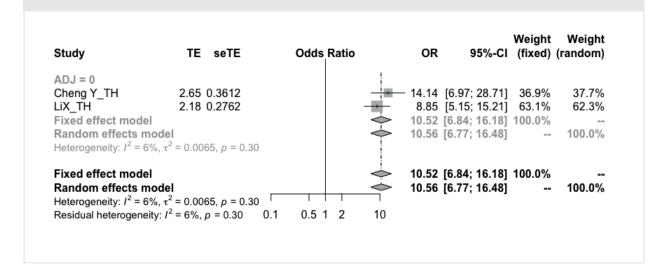
Candidate variable: Creatinine increase (per 0.1 mg%), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)



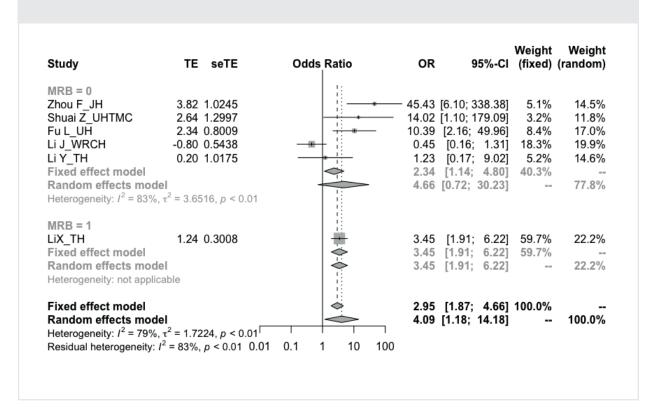
Candidate variable: Acute kidney injury, outcome: mortality, subgroup analysis: (crude vs adjusted)

Study	TE seTE	Odds Ratio	OR		95%-CI	(fixed)	weign (random
ADJ = 0							
Ruan Q JY	2.88 0.7625	- -	17.87	[4.01;	79.65]	3.8%	7.6%
Yang X WJY	1.22 0.7249	 = }	3.40	0.82:	14.081	4.2%	7.9%
Xiao M ECRH	2.75 0.3401	 	15.57	;00.8	30.33	18.9%	10.4%
Xu S SAHAMU	1.96 0.3290	+	7.08	[3.72;	13.50	20.2%	10.5%
Cheng Y_TH	1.87 0.4511	¥	6.51	[2.69;	15.75	10.7%	9.7%
Tao B JH	6.11 3.1838	 	- 451.21	[0.88; 23	1417.97	0.2%	1.2%
Li J WRCH	3.37 3.2484		28.95	[0.05; 1			1.1%
Zhang H ZH	1.04 1.4421	- - -	2.82	[0.17;	47.67	1.0%	4.1%
Lang W RH	2.53 0.6113	 -	12.54	[3.78;	41.55	5.8%	8.6%
WangY TH	2.44 0.3868	1 1	11.48	[5.38;	24.50	14.6%	10.1%
Wen J ZH	4.02 0.5928	-	55.81	[17.46;	178.36	6.2%	8.8%
Wang D WH/XH	7.80 3.2067	+	2446.40	[4.56; 131	2429.23	0.2%	1.1%
Li Y_TH	0.81 1.3437	- • -	2.25	[0.16;	31.33]	1.2%	4.4%
Fixed effect model		>	10.91	[8.00;	14.88]	87.2%	
Random effects mo Heterogeneity: $I^2 = 44\%$	01 0 1		11.18	[6.87;	18.17]		85.6%
ADJ = 1							
Shi S_RHWU	-0.44 0.4348	⇒ :	0.64	[0.27;	1.51]	11.5%	9.8%
Wen C_JH	2.85 1.3080		17.37	[1.34;	225.51]	1.3%	4.6%
Fixed effect model		♦ !	0.89	[0.40;	2.00]	12.8%	
Random effects mo Heterogeneity: $I^2 = 83\%$			2.65	[0.11;	64.97]		14.4%
Fixed effect model	dal	•	7.91	[5.93;		100.0%	- 100.0%
Heterogeneity: $I^2 = 76\%$			8.77	[4.32;	17.80]	-	100.07
Residual beterogeneity		0.001.0.1.1.10.1000					
- Leuris Haramanann	a n = 11111						

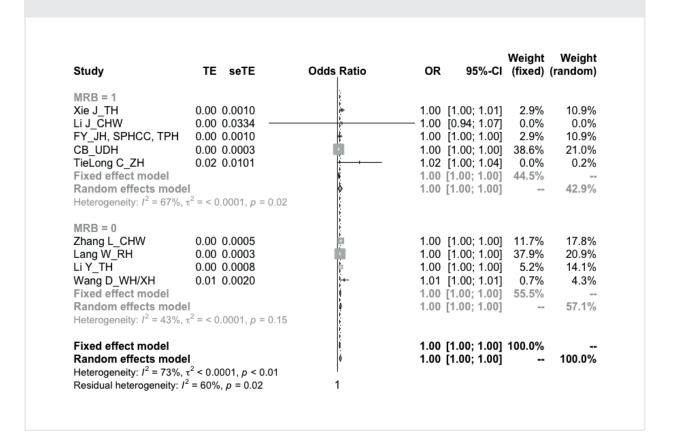
Candidate variable: High BUN (more than 5.2-9.5 mmol/L), outcome: mortality



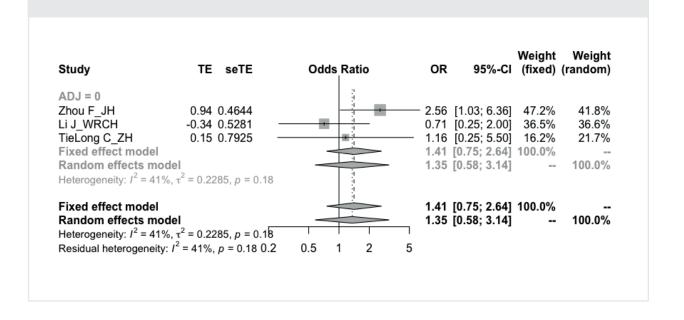
Candidate variable: High LDH (more than 240-250 U/L), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)



Candidate variable: LDH increase (per 1 U/L), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)



Candidate variable: High CK (more than 185-200 U/L), outcome: mortality



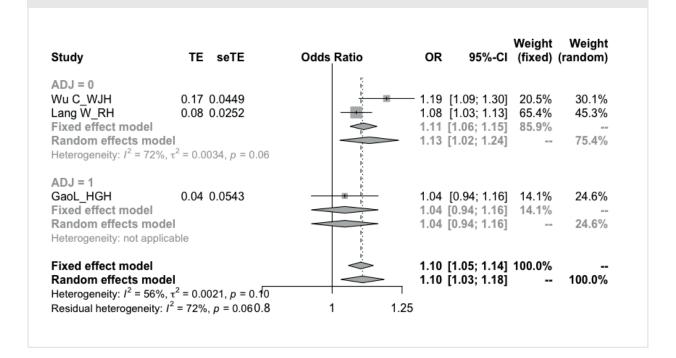
Candidate variable: Myocardial injury, outcome: mortality, subgroup analysis by risk of bias: (moderate/high vs low)

Study	TE	seTE	Odds Ratio	OR		95%-CI	Weight (fixed)	Weight (random)
LRB = 0			1					
Zhou F_JH	4.38 1	.0445	<u> </u>	80.07	[10.34;	620.18]	1.4%	4.3%
He XW_TMC	2.11 0	.6266		8.25	[2.42;	28.17]	3.9%	5.6%
Yang X_WJY	0.80 0	.7394	 * '	2.22	[0.52;	9.45]	2.8%	5.2%
Xie J_TH	3.20 0	.5380	-	24.49	[8.53;	70.31]	5.3%	5.8%
Xie J_TH	4.04 1	.0366	1 -	56.76	[7.44;	432.91]	1.4%	4.3%
Chen M_SH- WC	2.03 0	.6956		7.64	[1.95;	29.87]	3.2%	5.4%
Xiao M_ECRH	2.31 0	.3202	-	10.12	[5.41;	18.96]	15.1%	6.4%
Tao B_JH	7.26 3	.1824	 - - 	—— 1423.50	[2.78; 728	8159.15]	0.2%	1.1%
Fu L_ÜH	-0.45 0	.6558	-	0.64	[0.18;	2.31]	3.6%	5.5%
Li J_WRCH	3.80 3	.2204	1: 1	44.90	[0.08; 24	4745.09]	0.1%	1.1%
Zhang F_WH	2.59 0		- 	13.33	[2.88;	61.77]	2.5%	5.1%
Zhang H_ZH	6.64 3		 		[1.43; 40		0.2%	1.1%
Lang W_RH	3.55 0			34.98	[7.75;	157.85]	2.6%	5.1%
WangY_TH	5.36 0		-	212.97		626.01]	5.1%	5.8%
Wang D_WH/XH	2.73 0		1 -	15.27	[3.94;	59.20]	3.2%	5.4%
Tao G_SHWC	2.72 0		上層	15.13	[6.72;	34.06]	9.0%	6.2%
GaoL_HGH	0.03 0		7 1	1.03	[0.57;	1.85]	17.3%	6.4%
LiX_TH	1.25 0			3.48	[1.86;	6.51]		6.4%
Li Y_TH	1.56 1		 •	4.75	[0.24;	92.96]	0.7%	3.1%
Wang L_HPUW	2.11 0	.6761	 	8.25	[2.19;	31.05]	3.4%	5.4%
Fixed effect model			 •	6.93	[5.40;	8.88]	96.2%	
Random effects mod Heterogeneity: $I^2 = 86\%$		9 0 < 0.01	*	11.61	[5.54;	24.31]		94.5%
Treterogeneity. 7 = 00%	, t - 2.020	υ, ρ < 0.01	*					
LRB = 1								= ==:
Du Rong-Hui_WPH	1.41 0	1.6386	3	4.08	[1.17;	14.26]	3.8%	5.5%
Fixed effect model	-1		♦	4.08	[1.17;	14.26]	3.8%	E E0/
Random effects mod				4.08	[1.17;	14.26]		5.5%
Heterogeneity: not applie	cable							
Fixed effect model			•	6.79	[5.32;		100.0%	
Random effects mod			*	10.90	[5.39;	22.04]		100.0%
Heterogeneity: $I^2 = 85\%$								
Residual heterogeneity:	$I^2 = 86\%, p$	< 0.01	0.001 0.1 1 10 1000					

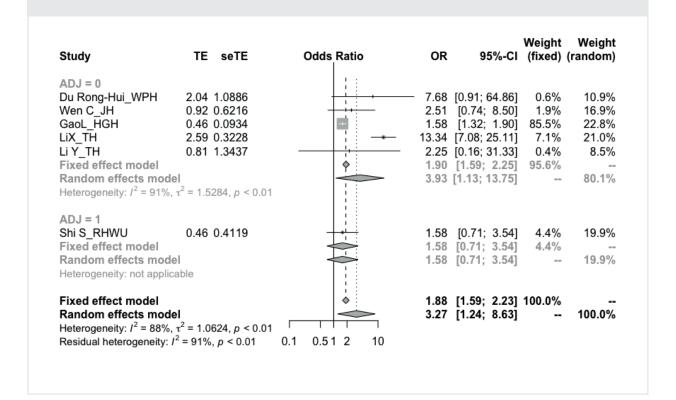
Candidate variable: CK-MB increase (per 1 U/L), outcome: mortality, subgroup analysis: (crude vs adjusted)

Study	TE seTE	Odds Ratio	OR	95%-CI	Weight (fixed)	Weight (random)
ADJ = 0		į				
Wu C_WJH	-0.01 0.0130		0.99	[0.97; 1.02]		9.7%
Zhang L_CHW	0.01 0.0035	 		[1.00; 1.01]		
Wang D_WH/XH	0.04 0.0174		— 1.04	[1.01; 1.08]	1.7%	5.8%
Fixed effect model		>	1.01	[1.00; 1.01]	45.2%	
Random effects model			1.01	[0.99; 1.03]		56.2%
Heterogeneity: $I^2 = 66\%$, τ	$^2 = 0.0002, p = 0.05$	ŀ				
ADJ = 1		i.				
GaoL HGH	0.00 0.0030		1.00	[1.00; 1.01]	54.8%	43.8%
Fixed effect model		₩.		[1.00; 1.01]		
Random effects model		₩		[1.00; 1.01]		43.8%
Heterogeneity: not applical	ble	ŀ				
Fixed effect model		÷	1.00	[1.00; 1.01]	100.0%	
Random effects model		⇔		[1.00; 1.01]		100.0%
Heterogeneity: $I^2 = 55\%$, τ	2 < 0.0001, ρ = 0.08	1				
Residual heterogeneity: I ²		1				

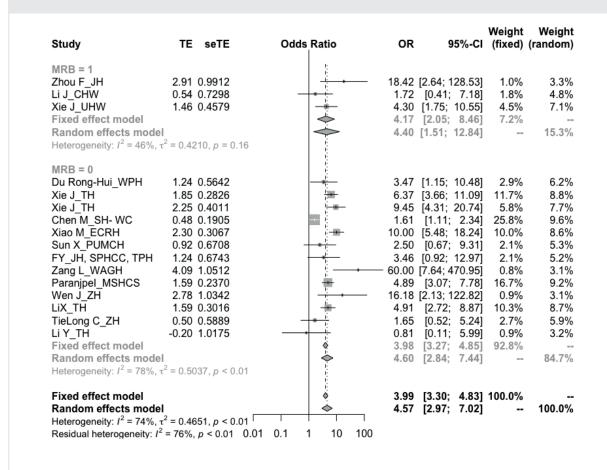
Candidate variable: Urea increase (per 1 mmol/L), outcome: mortality, subgroup analysis: (crude vs adjusted)



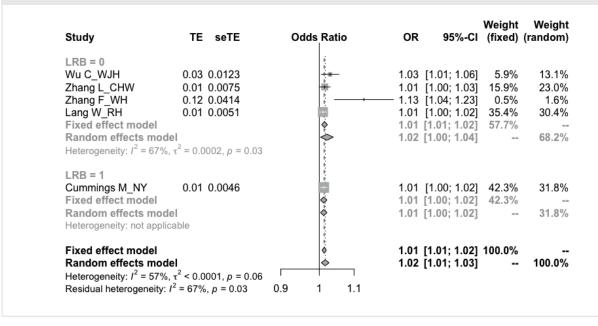
Candidate variable: High BNP (more than 500-900 pg/mL), outcome: mortality, subgroup analysis: (crude vs adjusted)



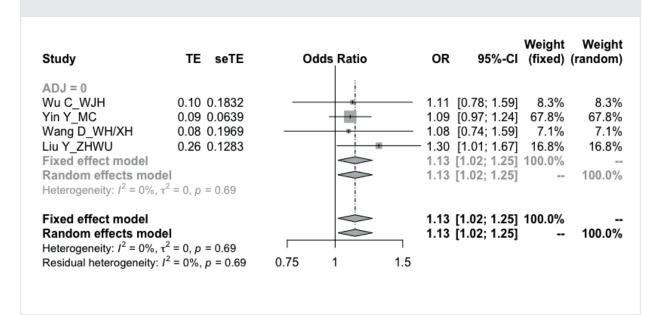
Candidate variable: High D-dimer (more than 500-1000 ng/ml), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)



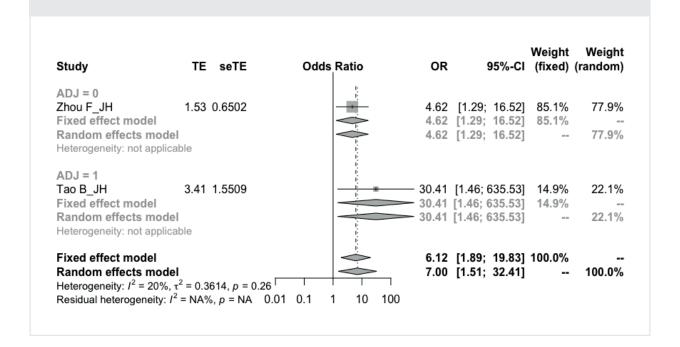
Candidate variable: D-dimer increase (per 10 ng/mL), outcome: mortality, subgroup analysis by risk of bias: (moderate/high vs low)



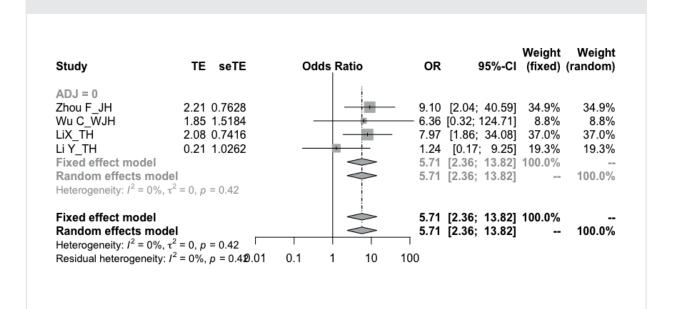
Candidate variable: Prolonged PT (more than 13.2-15 seconds), outcome: mortality, subgroup analysis: (crude vs adjusted)



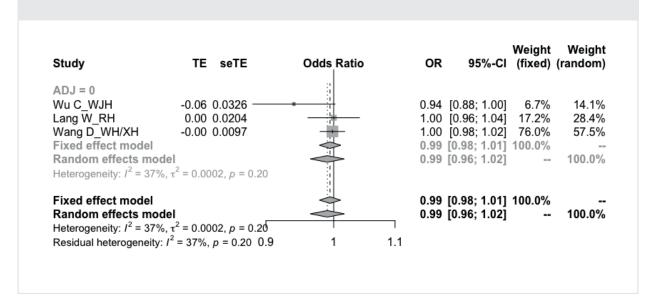
Candidate variable: PT increase (per 1 second), outcome: mortality



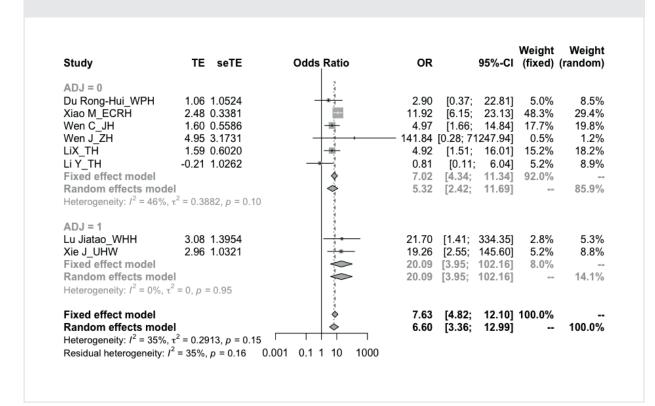
Candidate variable: APTT time increase (per 1 second), outcome: mortality



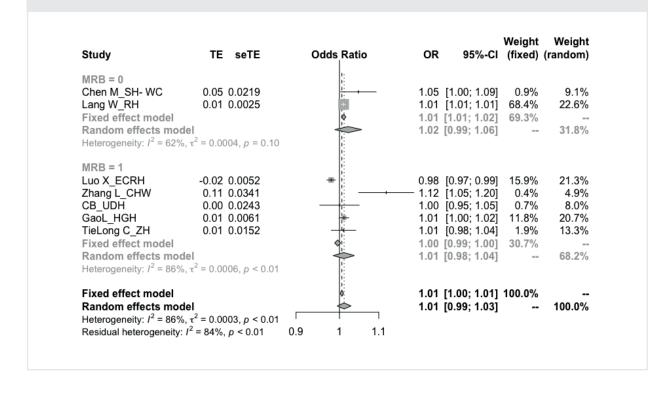
Candidate variable: High ferritin (more than 300-500 ng/mL), outcome: mortality



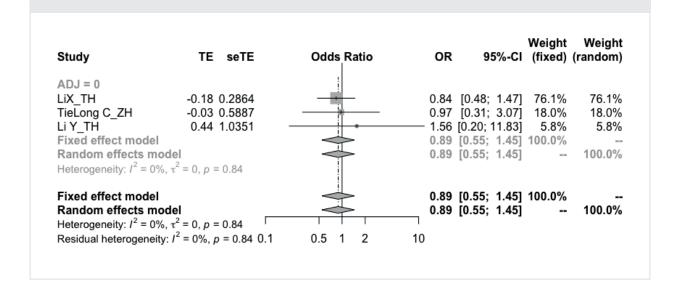
Candidate variable: High CRP (more than 1-100 mg/l), outcome: mortality, subgroup analysis: (crude vs adjusted)



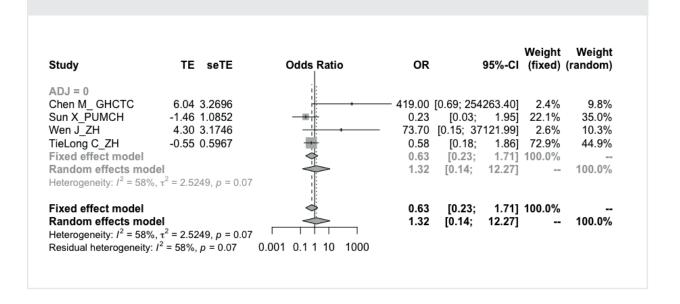
Candidate variable: CRP increase (per 1 mg/L), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)



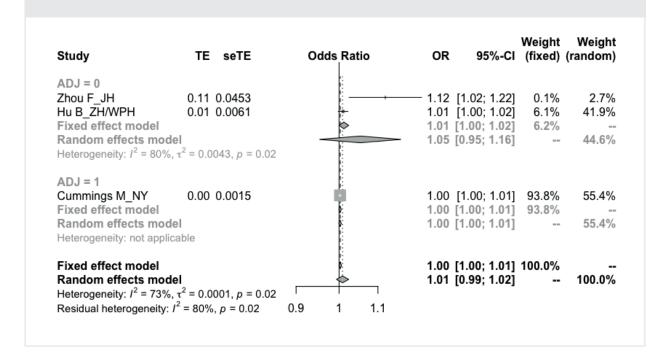
Candidate variable: High ESR (more than 10-20 mm/H), outcome: mortality



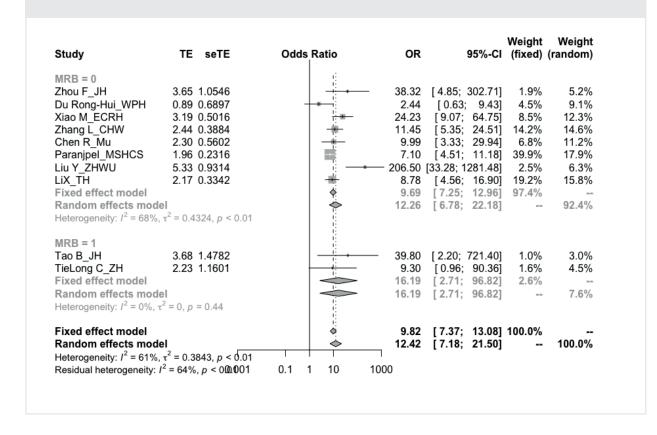
Candidate variable: High IL-6 (more than 5-20 pg/ml), outcome: mortality



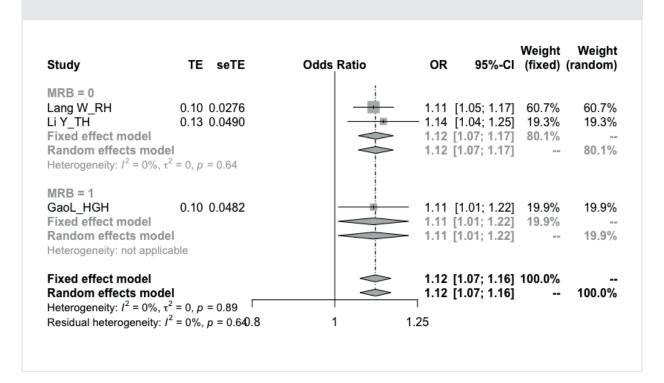
Candidate variable: IL-6 increase (per 1 pg/mL), outcome: mortality, subgroup analysis: (crude vs adjusted)



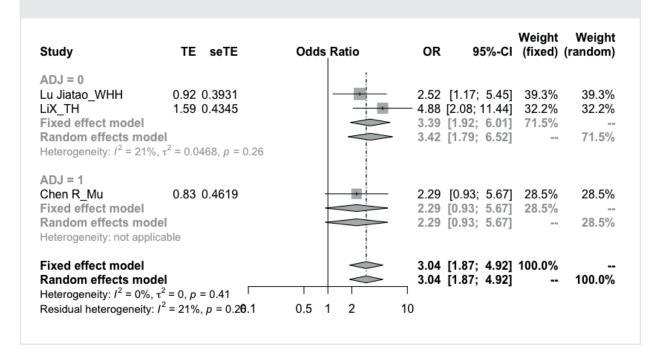
Candidate variable: High procalcitonin (more than 0.01-05 ng/ml), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)



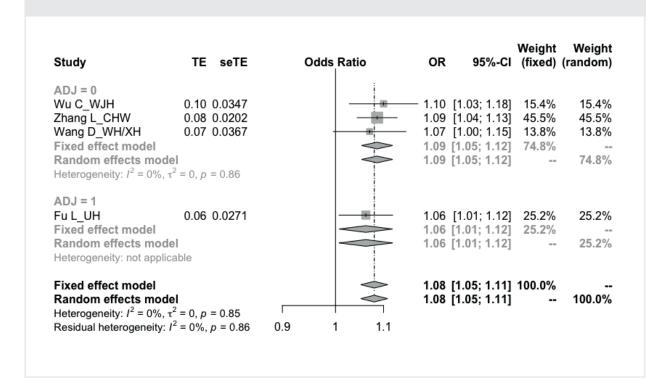
Candidate variable: Porcalcitonin increase (per 0.1 ng/ml), outcome: mortality, subgroup analysis by risk of bias: (high vs moderate/low)



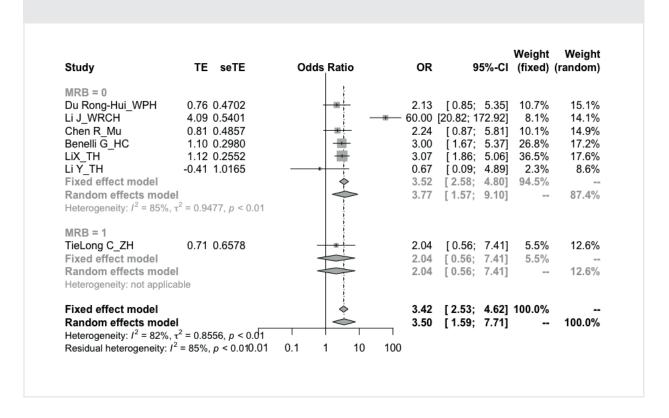
Candidate variable: High total bilirubin (more than 17-21pg/ml), outcome: mortality, subgroup analysis: (crude vs adjusted)



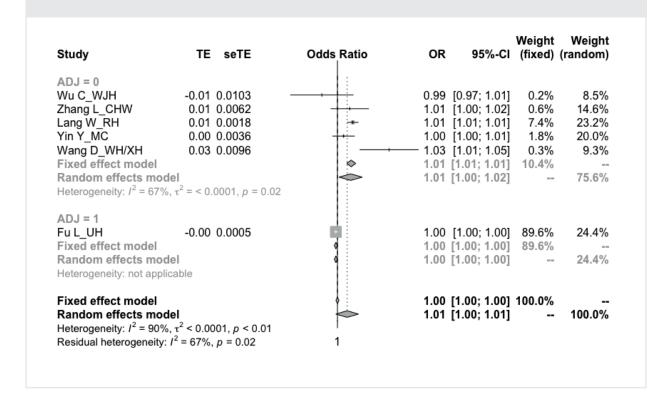
Candidate variable: Total bilirubin increase (per 1 μ M), outcome: mortality, subgroup analysis: (crude vs adjusted)



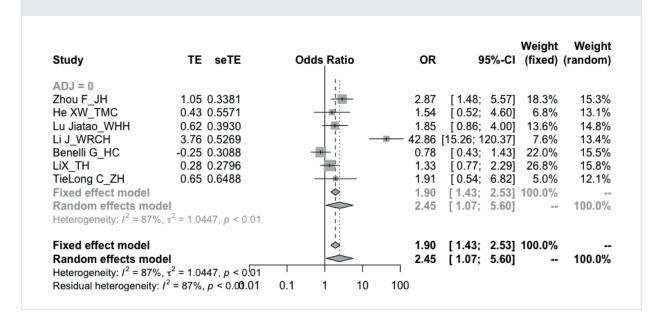
Candidate variable: High AST level (more than 32-40 U/l). outcome: mortality. subgroup analysis by risk of bias: (high vs moderate/low)



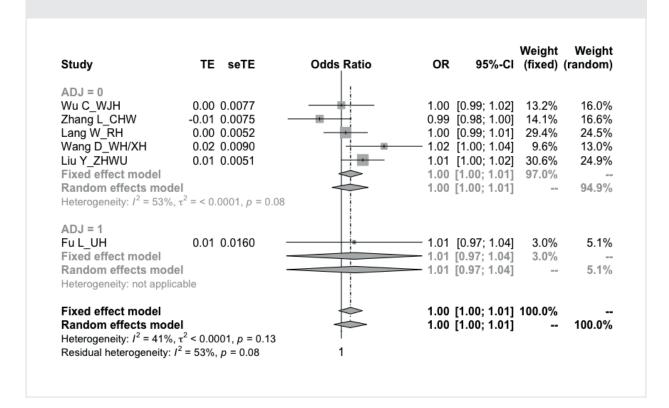
Candidate variable: AST increase (per 1 U/L). outcome: mortality. subgroup analysis: (crude vs adjusted)



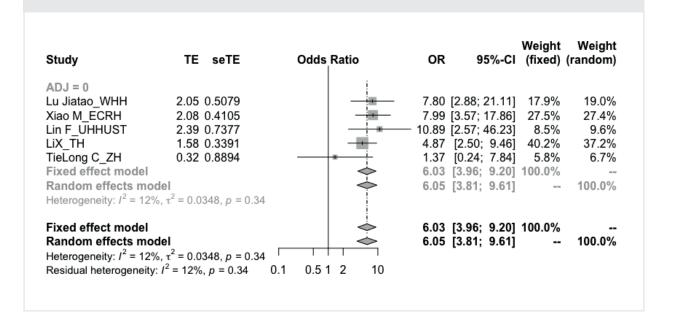
Candidate variable: High ALT level (more than 35-50 U/L), outcome: mortality.



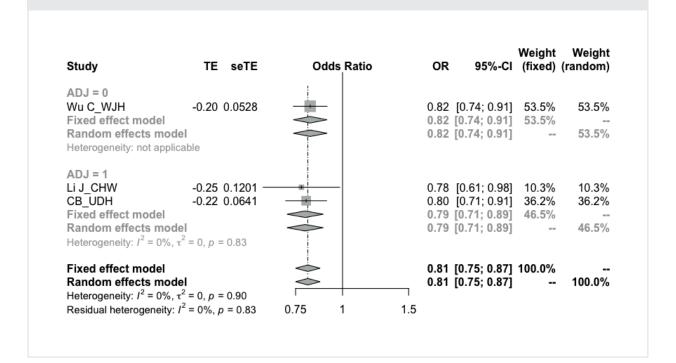
Candidate variable: ALT increase (per 1 U/L). outcome: mortality. subgroup analysis: (crude vs adjusted)



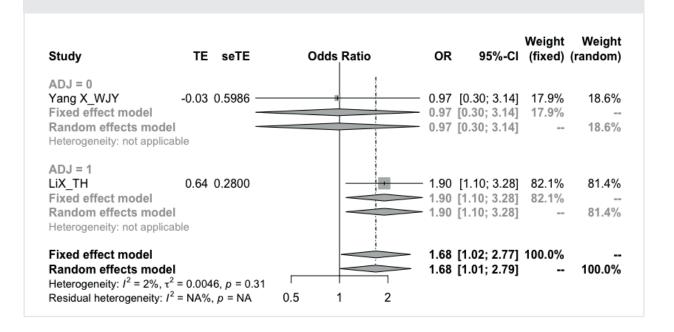
Candidate variable: Low albumin. outcome: mortality



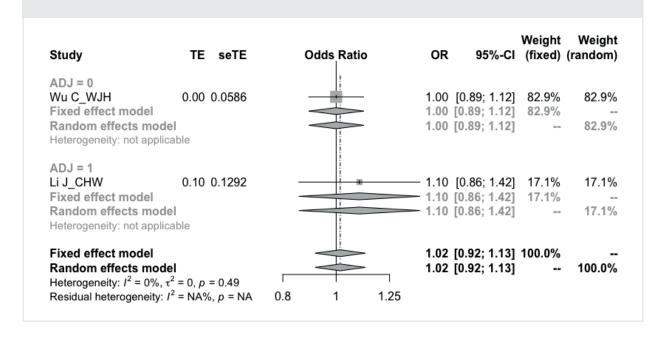
Candidate variable: Albumin increase (per 10 g/L). outcome: mortality



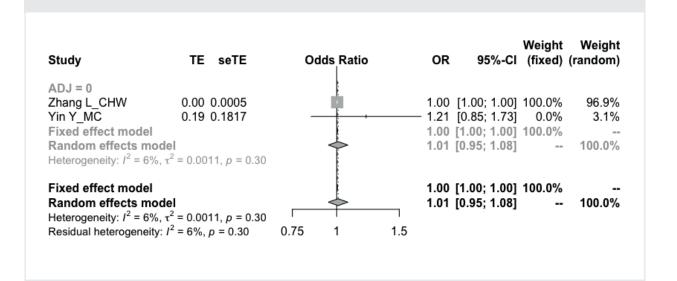
Candidate variable: High glucose (more than 6 mmol/l), outcome: mortality, subgroup analysis: (crude vs adjusted)



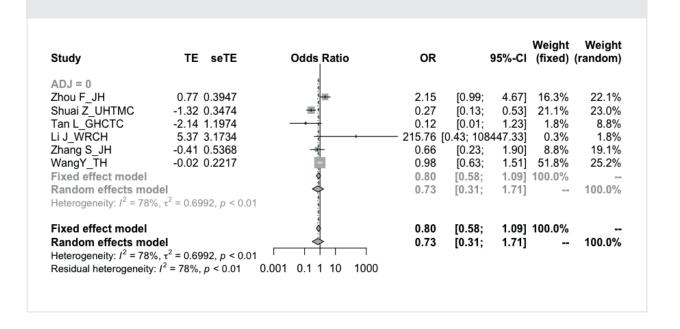
Candidate variable: Glucose increase (per 1 mmol/L), outcome: mortality, subgroup analysis: (crude vs adjusted)



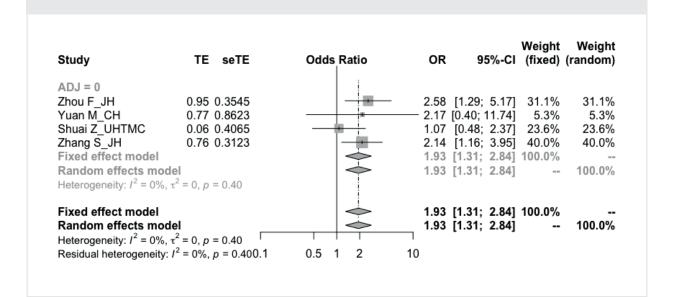
Candidate variable: Lactate increase (per 1 mmol/L), outcome: mortality



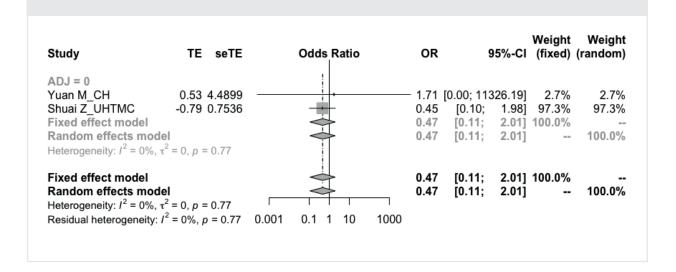
Candidate variable: Ground glass opacity. outcome: mortality



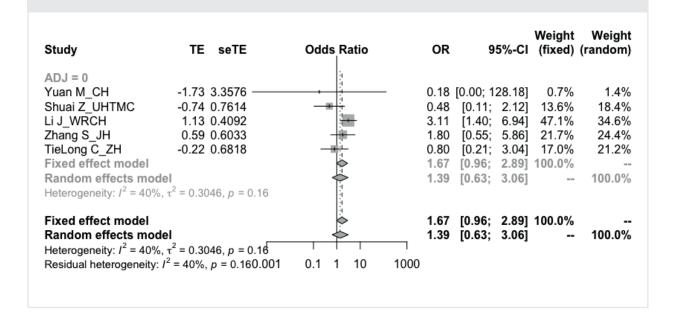
Candidate variable: Consolidation pattern. outcome: mortality



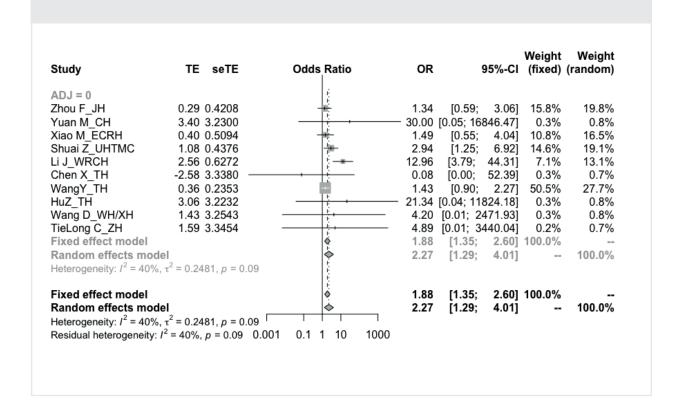
Candidate variable: Enlarged lymph nodes, outcome: mortality



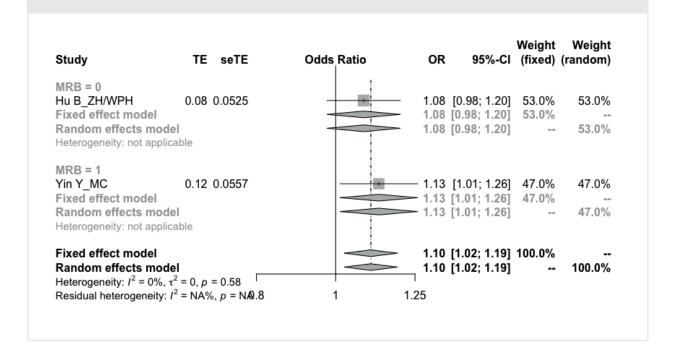
Candidate variable: Pleural effusion (X ray or CT assessment). outcome: mortality



Candidate variable: Bilateral infiltrates. outcome: mortality



Candidate variable: High APACHE score (more than 8), outcome: mortality. subgroup analysis by risk of bias: (high vs moderate/low)



Candidate variable: High SOFA score (more than 2). outcome: mortality. subgroup analysis by risk of bias: (high vs moderate/low)

