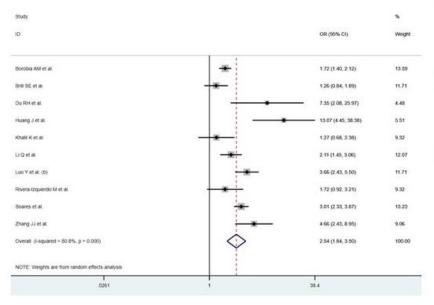
Supporting Information

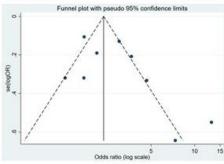
Predictors of in-hospital COVID-19 mortality: a comprehensive systematic review and meta-analysis exploring differences by age, sex and health conditions.

S3 Appendix: Forest plots, funnel plots and Egger's test p-values.

(Please, find the corresponding information on the following pages)

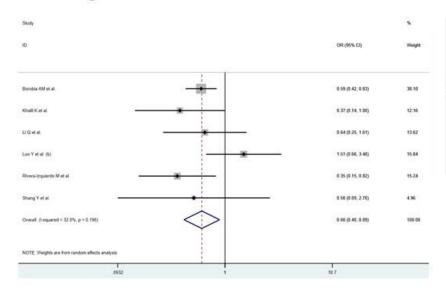
Dyspnoea

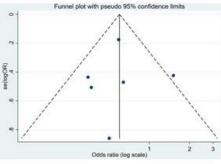




Egger's test: p-value=0.17

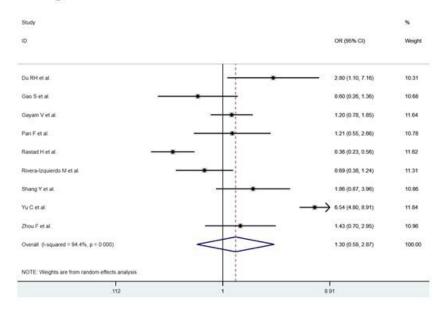
Vomiting

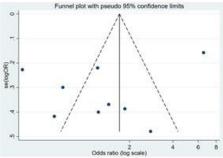




Egger's test: p-value=0.93

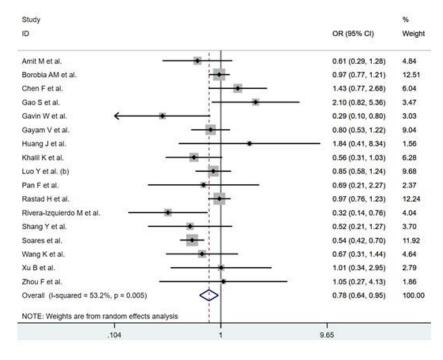
Fatigue

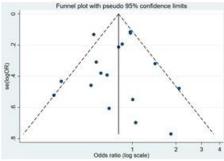




Egger's test: p-value=0.25

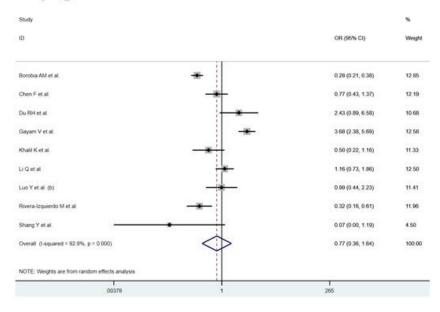
Fever

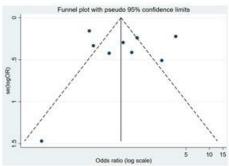




Egger's test: p-value=0.68

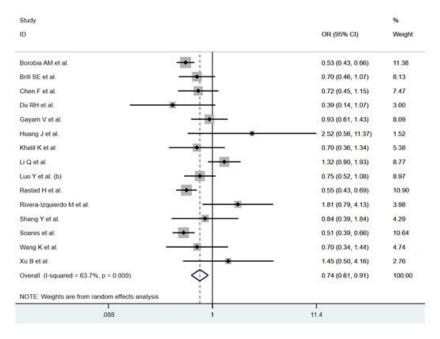
Myalgia

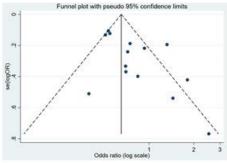




Egger's test: p-value=0.74

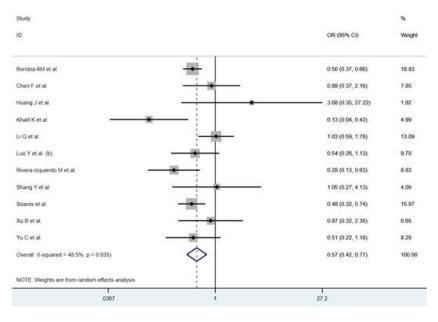
Cough

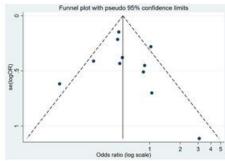




Egger's test: p-value=0.022

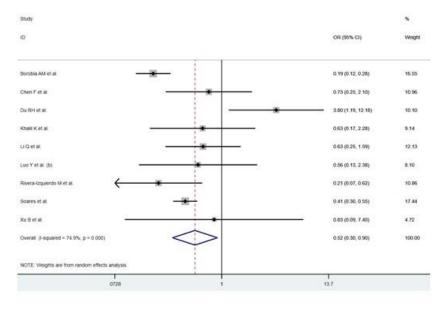
Diarrhoea

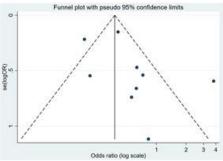




Egger's test: p-value=0.56

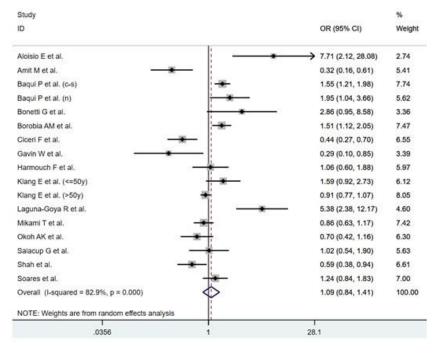
Headache

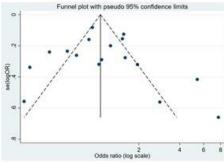




Egger's test: p-value=0.22

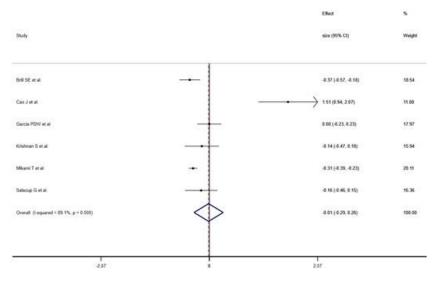
Obesity

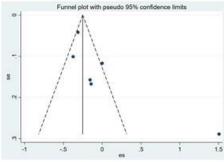




Egger's test: p-value=0.66

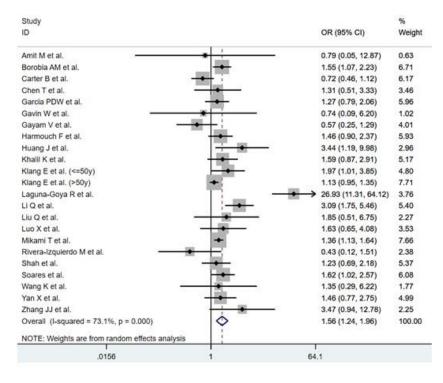
BMI

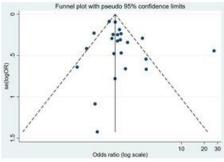




Egger's test: p-value=0.103

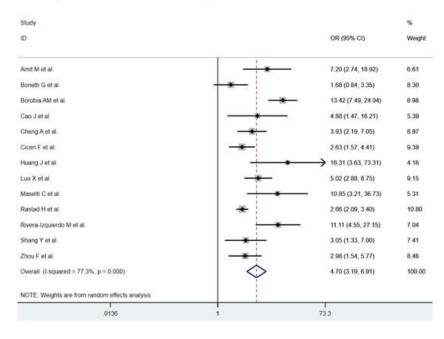
Smoking habit (yes/no)

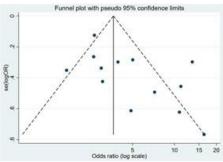




Egger's test: p-value=0.23

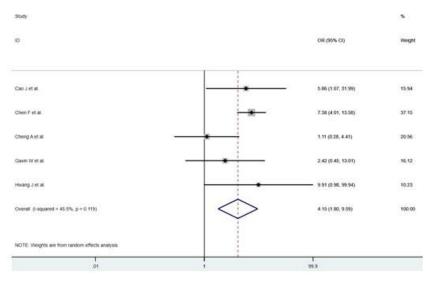
Unspecified comorbidity

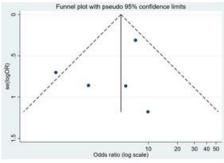




Egger's test: p-value=0.045

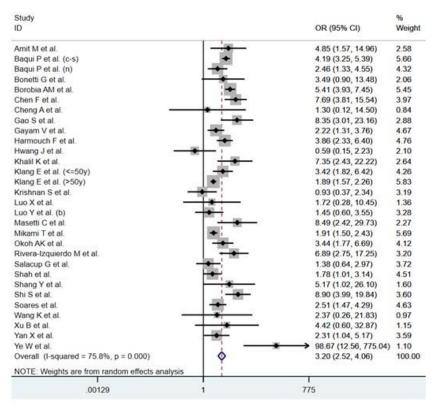
Stroke

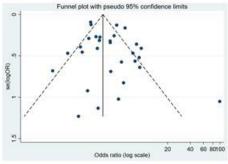




Egger's test: p-value=0.44

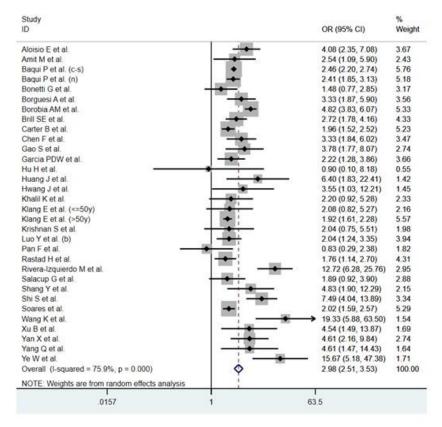
Kidney disease

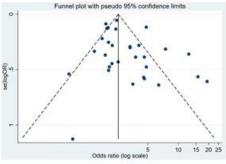




Egger's test: p-value=0.15

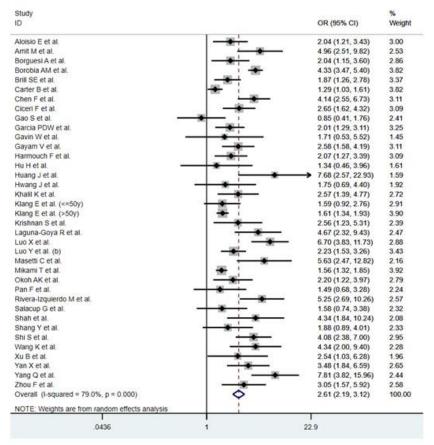
Cardiovascular disease

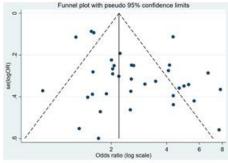




Egger's test: p-value=0.077

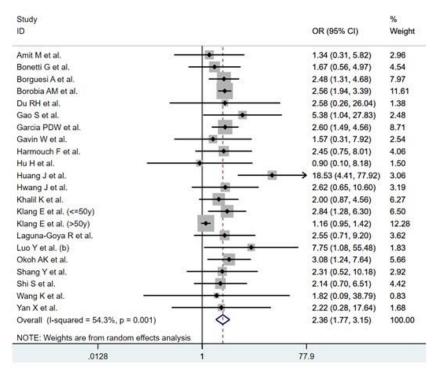
Hypertension

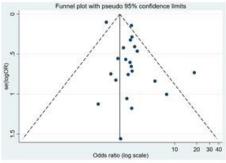




Egger's test: p-value=0.014

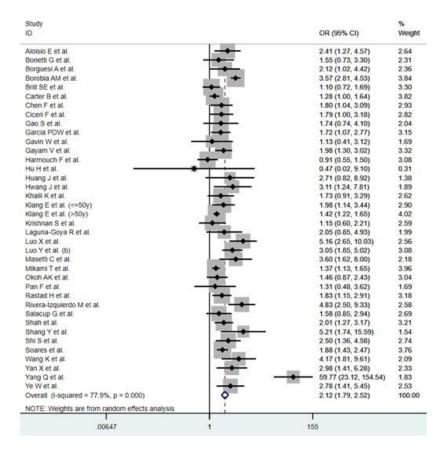
Malignancy

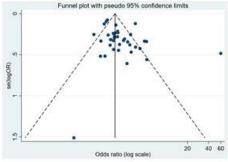




Egger's test: p-value=0.019

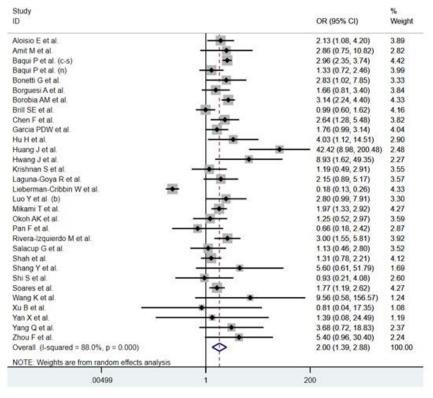
Diabetes

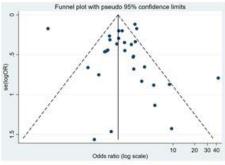




Egger's test: p-value=0.018

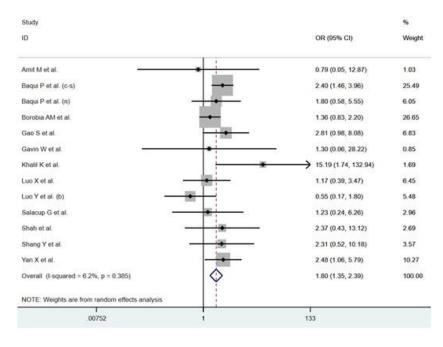
Pulmonary disease

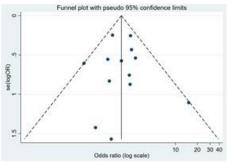




Egger's test: p-value=0.48

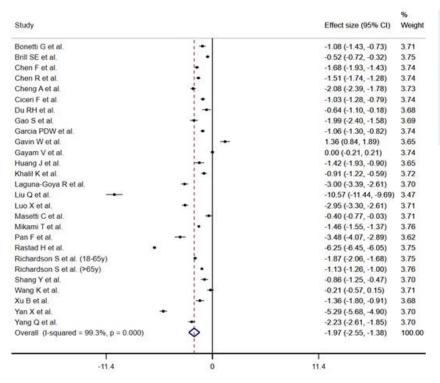
Liver disease

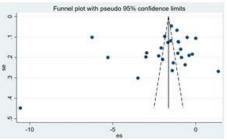




Egger's test: p-value=0.92

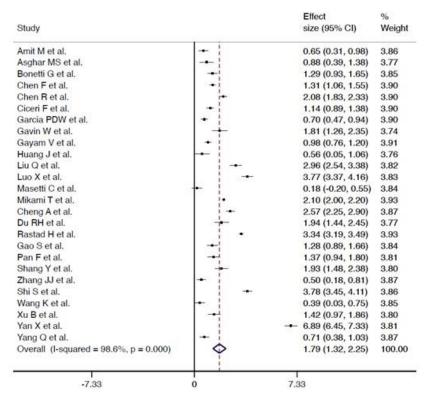
Lymphocyte count

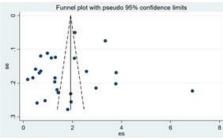




Egger's test: p-value=0.43

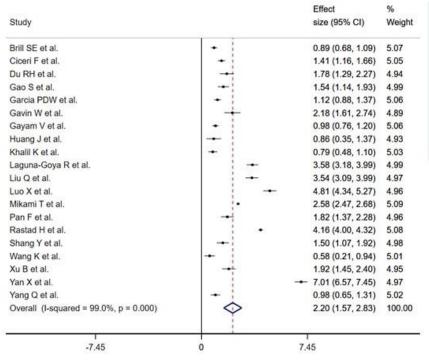
Leucocyte count

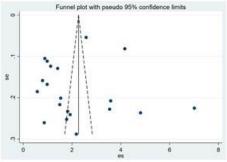




Egger's test: p-value=0.62

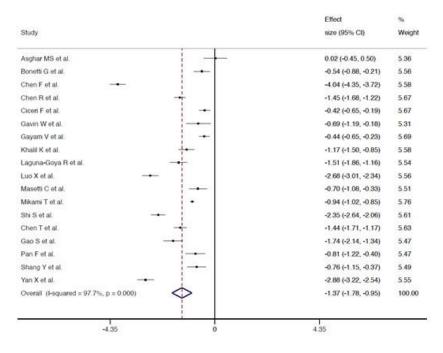
Neutrophil count

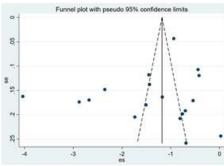




Egger's test: p-value=0.48

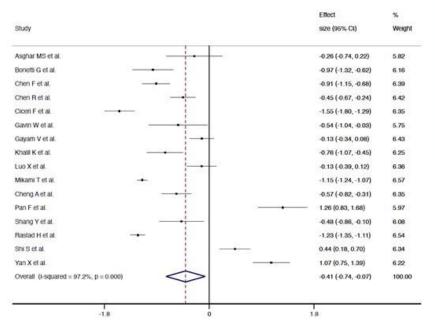
Platelet count

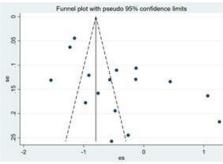




Egger's test: p-value=0.20

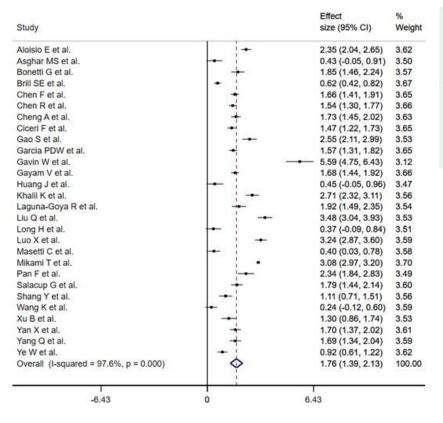
Hemoglobin

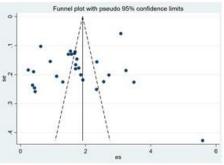




Egger's test: p-value=0.013

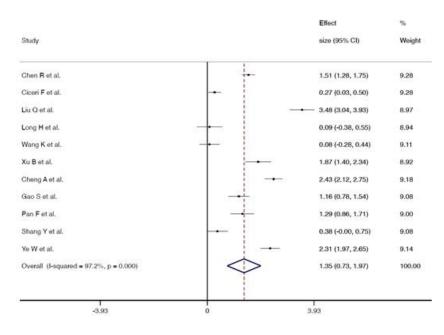
D-dimer

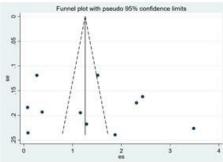




Egger's test: p-value=0.76

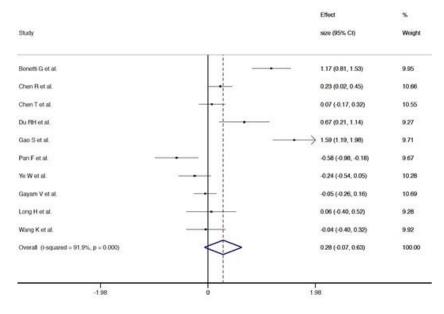
Prothrombin time

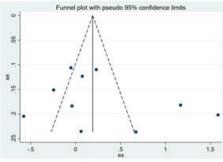




Egger's test: p-value=0.081

APTT

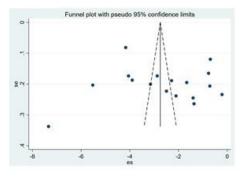




Egger's test: p-value=0.27

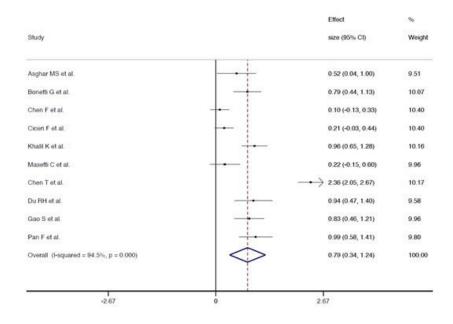
Albumin

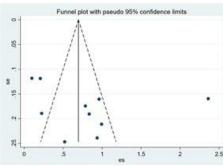
		Effect	96
Study		size (95% CI)	Weight
Aloisio E et at.	+	-3.90 (-4.27, -3.53)	5.90
Bonetti G et al.	-	-1.66 (-2.05, -1.28)	5.89
Cheng A et al.		-2.87 (-3.21, -2.53)	5.91
Du RH et al.	-	-0.21 (-0.67, 0.25)	5.86
Gao S et al.	÷	-2.50 (-2.93, -2.06)	5.87
Pan F et al.	-	-0.71 (-1.12, -0.31)	5.88
Shang Y et al.		-2.10 (-2.57, -1.64)	5.86
Garcia PDW et al.	-	-0.69 (-0.93, -0.46)	5.94
Huang J et al.	-	-1.36 (-1.88, -0.85)	5.83
Khalil K et al.	ļ•-	-2.29 (-2.66, -1.92)	5.90
Laguna-Goya R et al.		-3.15 (-3.55, -2.76)	5.89
Liu Q et al	1	-7.34 (-8.00, -6.68)	5.75
Rastad H et al.	•	-4.17 (-4.33, -4.01)	5.96
Shi S et al.	-	-4.05 (-4.39, -3.71)	5.91
Wang K et al.		-1.40 (-1.88, -0.92)	5.85
Yan X et al.	-	-5.52 (-5.92, -5.12)	5.89
Yang Q et al.	-	-0.77 (-1.09, -0.44)	5.91
Overall (I-squared = 99.0%, p = 0.000)	\Diamond	-2.63 (-3.45, -1.80)	100.00



Egger's test: p-value=0.65

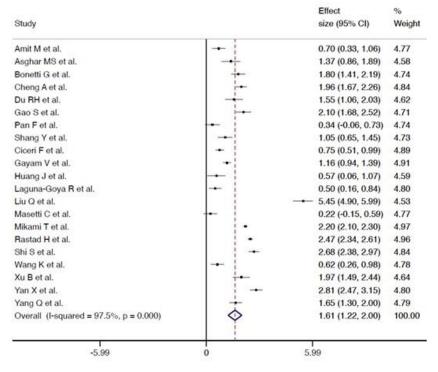
Total bilirubin

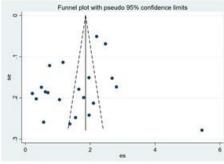




Egger's test: p-value=0.27

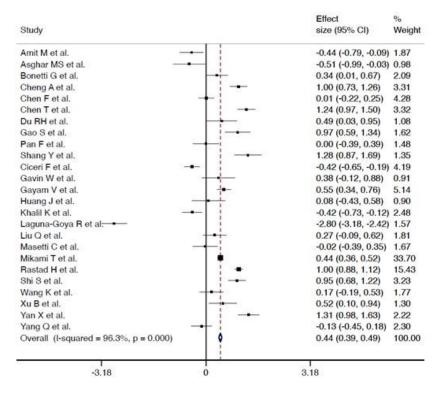
AST

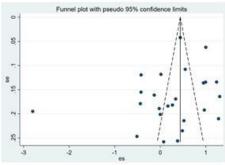




Egger's test: p-value=0.92

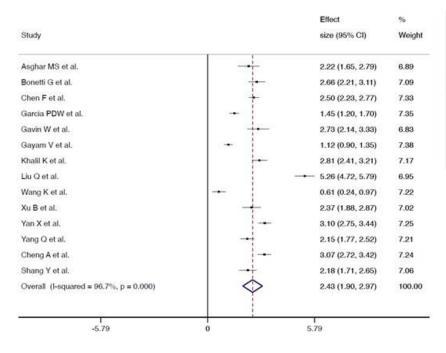
ALT

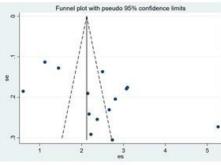




Egger's test: p-value=0.35

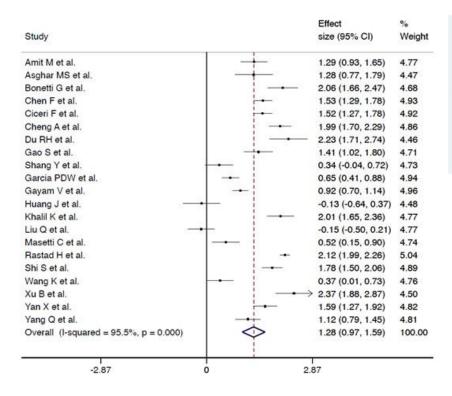
Urea nitrogen

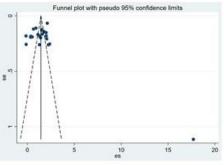




Egger's test: p-value=0.008

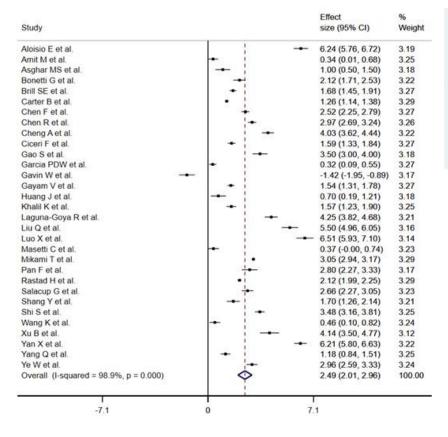
Creatinine

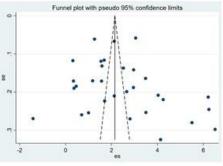




Egger's test: p-value=0.33

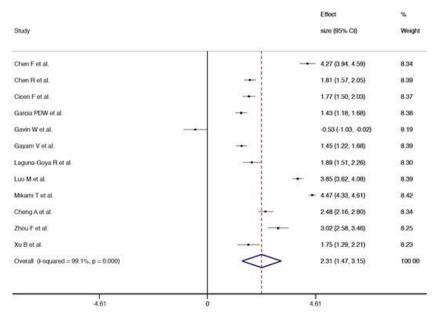
CRP

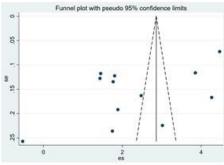




Egger's test: p-value=0.056

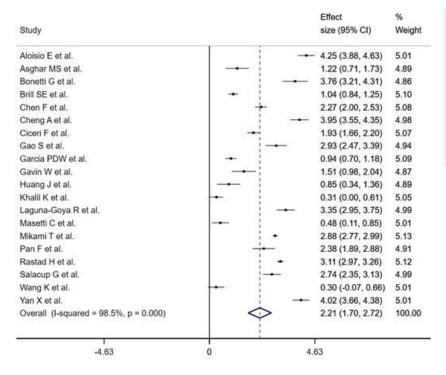
Interleukin-6

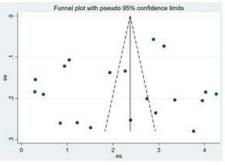




Egger's test: p-value=0.63

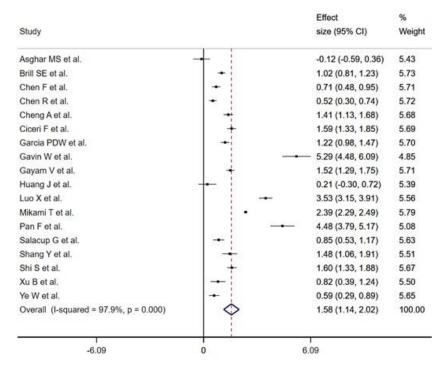
LDH

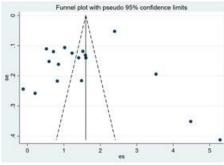




Egger's test: p-value=0.81

Procalcitonin

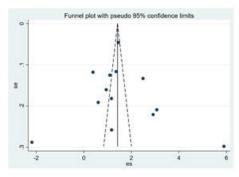




Egger's test: p-value=0.37

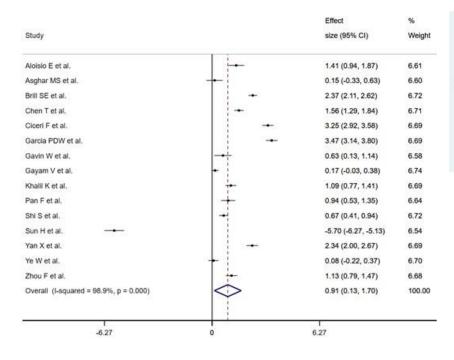
Ferritin

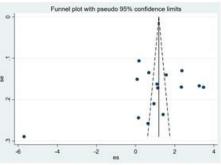
		Effect	%
Study		size (95% CI)	Weight
Asghar MS et al.	-i	1.17 (0.67, 1.68)	7.48
Bonetti G et al.		1.17 (0.81, 1.52)	7.72
Chen R et al.	-	2.49 (2.23, 2.75)	7.84
Ciceri F et al.	-	1.09 (0.85, 1.34)	7.85
Garcia PDW et al.	-	0.39 (0.16, 0.62)	7.86
Gavin W et al.	-	-2.18 (-2.75, -1.62)	7.37
Gayam V et al.		1.36 (1.13, 1.59)	7.87
Khalil K et al.	-	0.94 (0.63, 1.26)	7.78
Masetti C et al.		0.61 (0.23, 0.98)	7.70
Mikami T et al.	4	1.45 (1.36, 1.54)	7.96
Sun H et al.		5.90 (5.31, 6.48)	7.33
Zhou F et al.	-	2.92 (2.48, 3.35)	7.61
Aloisio E et al.	-	3.07 (2.66, 3.48)	7.64
Overall (I-squared = 98.2%, p = 0.000)		1.56 (1.00, 2.12)	100.00
-6.48	0	I 6.48	



Egger's test: p-value=0.67

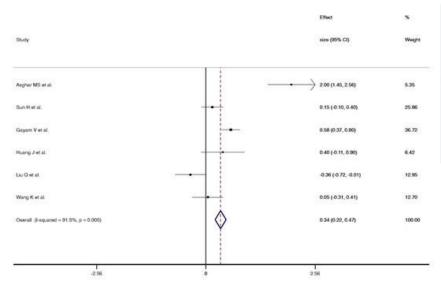
Cardiac troponin-I

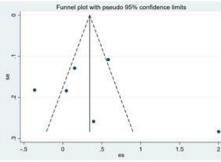




Egger's test: p-value=0.85

ESR





Egger's test: p-value=0.80