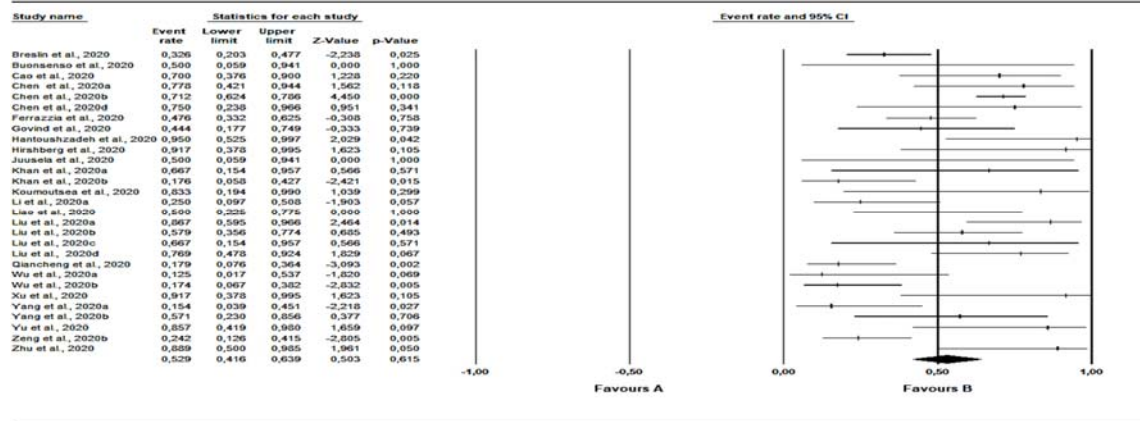


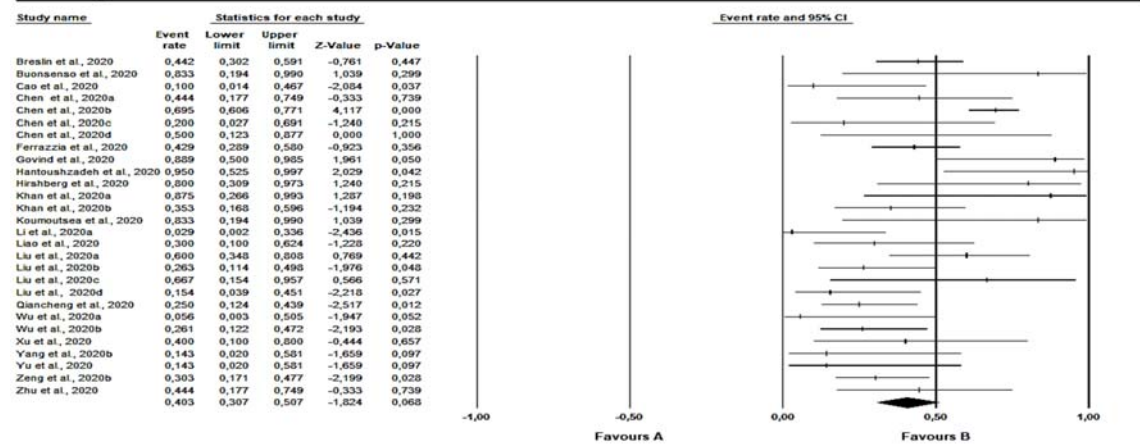
Figure 1. Meta-analysis and forest plots for symptoms of COVID-19 of pregnant women

A: Fever



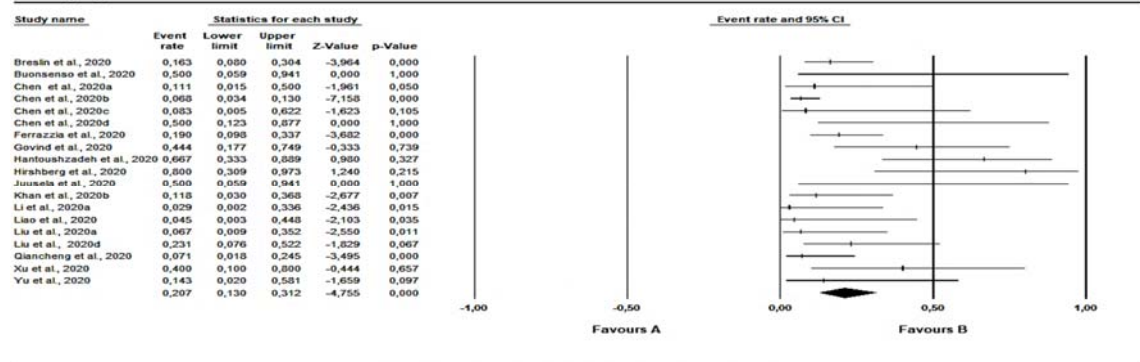
Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	29	0,513	0,461	0,564	0,485	0,628	100,536	28	0,000	72,143	0,897	0,463	0,215	0,947
Random	29	0,529	0,416	0,639	0,503	0,615								

B: Cough



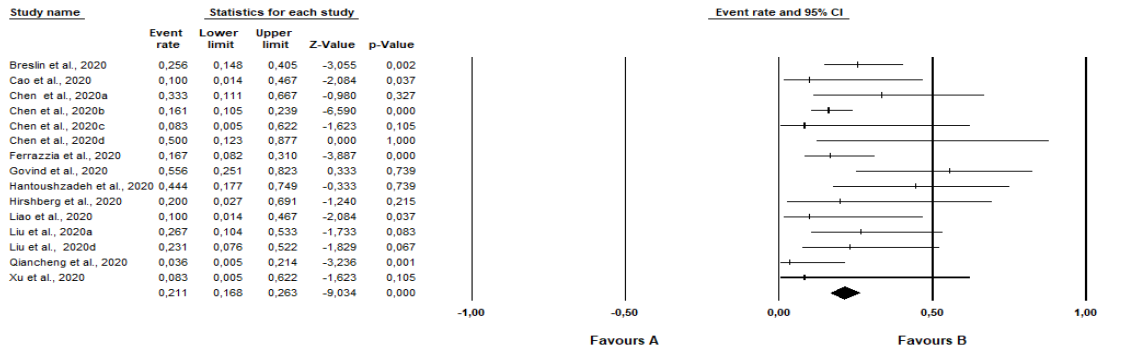
Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	28	0,462	0,412	0,513	-1,459	0,144	79,748	27	0,000	66,143	0,645	0,360	0,129	0,803
Random	28	0,403	0,307	0,507	-1,824	0,068								

C: Dyspnea/shortness of breath



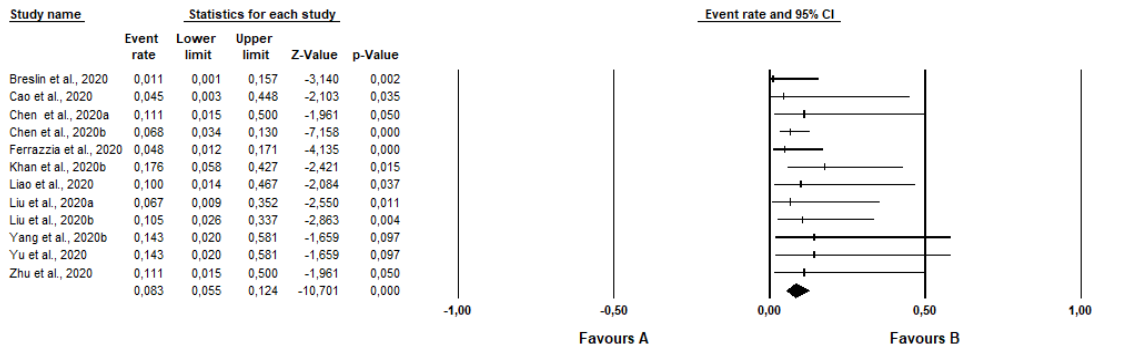
Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity				Tau-squared			
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	19	0,178	0,136	0,229	-9,435	0,000	43,114	18	0,001	58,250	0,742	0,492	0,242	0,861
Random	19	0,207	0,130	0,312	-4,795	0,000								

D: Tiredness/fatigue/myalgia



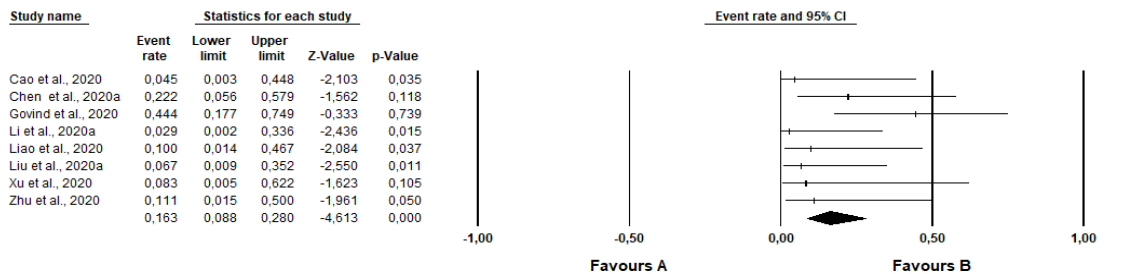
Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity				Tau-squared			
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	15	0,211	0,168	0,263	-9,034	0,000	19,773	14	0,137	29,198	0,148	0,202	0,041	0,385
Random	15	0,223	0,162	0,298	-6,254	0,000								

E: Diarrhea



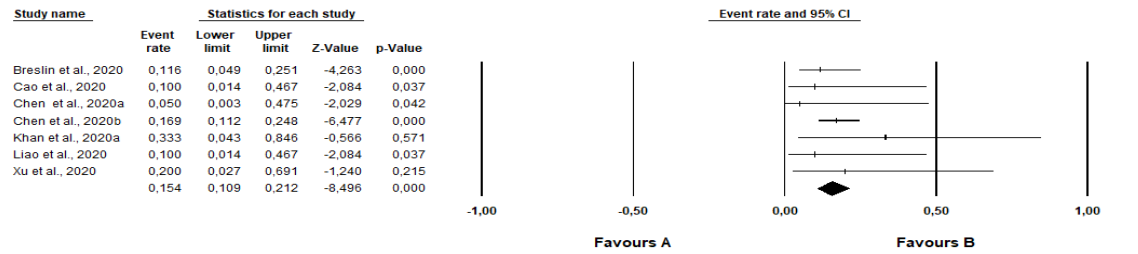
Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity				Tau-squared			
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	12	0,083	0,055	0,124	-10,701	0,000	6,202	11	0,860	0,000	0,000	0,289	0,084	0,000
Random	12	0,083	0,055	0,124	-10,701	0,000								

F: Sore throat



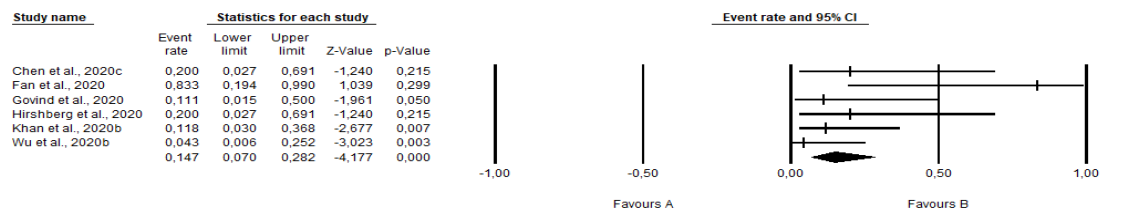
Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity				Tau-squared			
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	8	0,163	0,088	0,280	-4,613	0,000	8,954	7	0,256	21,826	0,296	0,730	0,534	0,544
Random	8	0,144	0,070	0,276	-4,283	0,000								

G: Chest tightness/pain



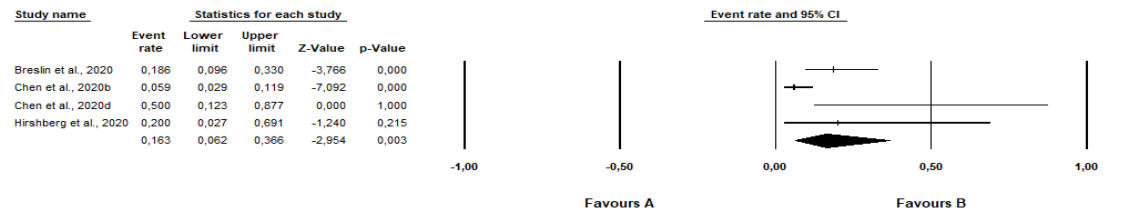
Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	7	0,154	0,109	0,212	-8,496	0,000	2,614	6	0,856	0,000	0,000	0,272	0,074	0,000
Random	7	0,154	0,109	0,212	-8,496	0,000								

H: Runny/congestion nose



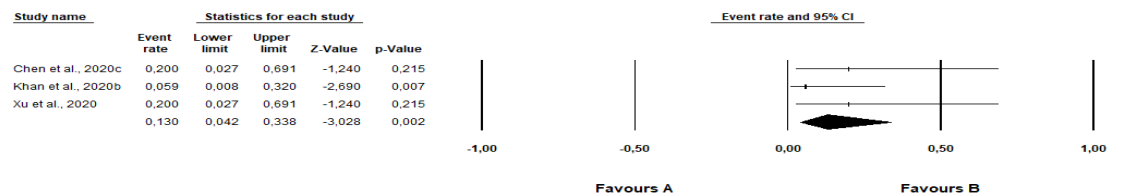
Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	6	0,147	0,070	0,282	-4,177	0,000	6,854	5	0,232	27,049	0,411	0,985	0,932	0,641
Random	6	0,155	0,064	0,331	-3,351	0,001								

I: Headache



Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	4	0,126	0,080	0,193	-7,492	0,000	9,878	3	0,020	69,630	0,762	1,034	1,069	0,873
Random	4	0,163	0,062	0,366	-2,954	0,003								

J: Phlegm



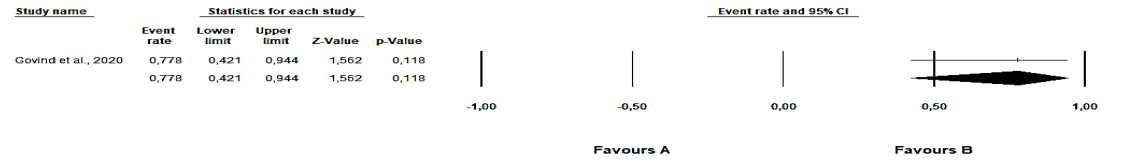
Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	3	0,130	0,042	0,338	-3,028	0,002	1,139	2	0,566	0,000	0,000	1,184	1,402	0,000
Random	3	0,130	0,042	0,338	-3,028	0,002								

K: Chills/shivering



Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	3	0,123	0,027	0,416	-2,366	0,018	2,942	2	0,230	32,030	0,974	3,040	9,242	0,987
Random	3	0,122	0,019	0,500	-1,961	0,050								

L: Anosmia



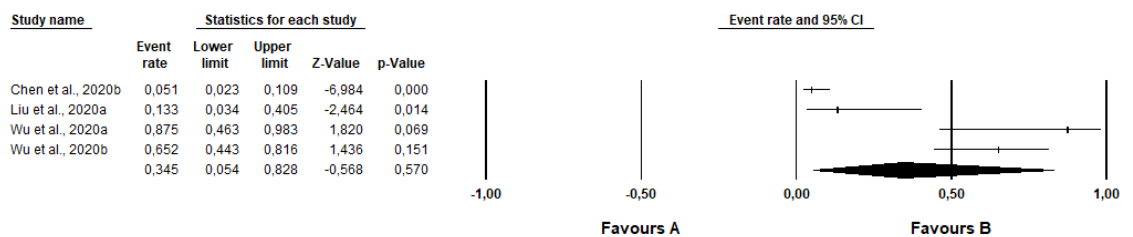
Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	1	0,778	0,421	0,944	1,562	0,118	0,000	0	1,000	0,000	0,000	0,000	0,000	0,000
Random	1	0,778	0,421	0,944	1,562	0,118								

M: Lethargy



Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	1	0,667	0,333	0,889	0,980	0,327	0,000	0	1,000	0,000	0,000	0,000	0,000	0,000
Random	1	0,667	0,333	0,889	0,980	0,327								

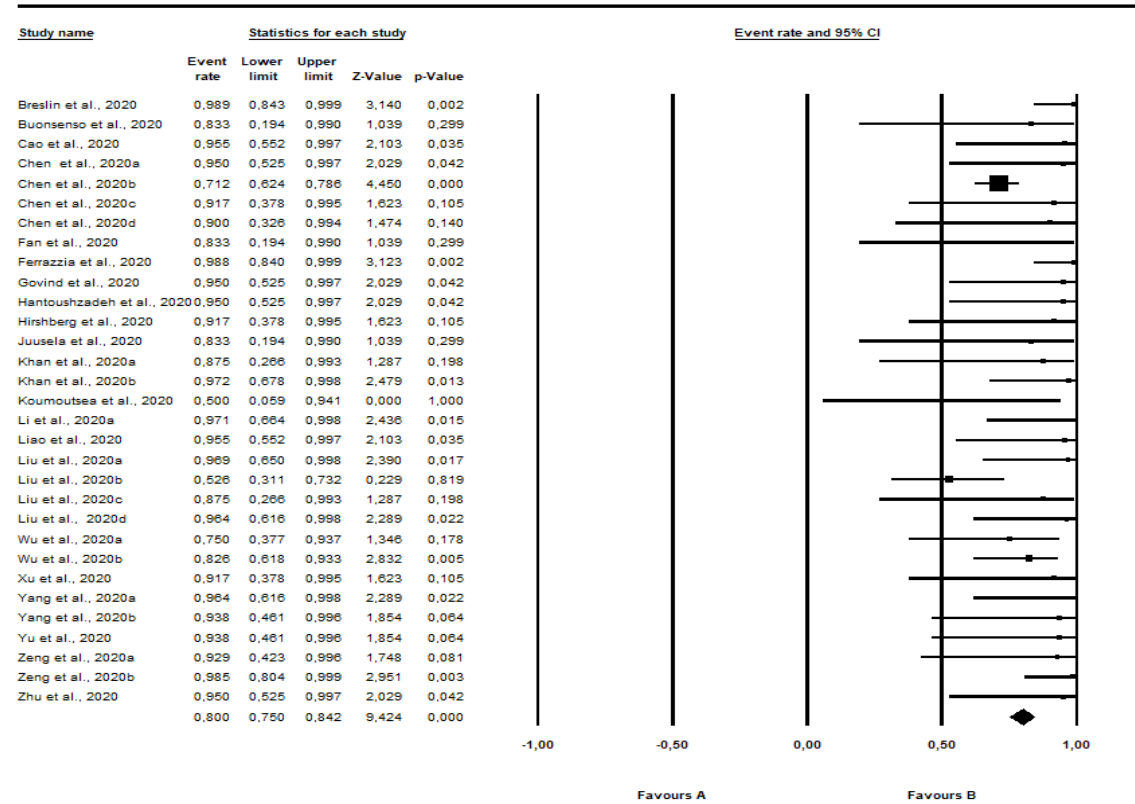
N: Asymptomatic



Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	4	0,249	0,163	0,361	-4,060	0,000	43,744	3	0,000	93,142	4,614	4,686	21,956	2,148
Random	4	0,345	0,054	0,828	-0,568	0,570								

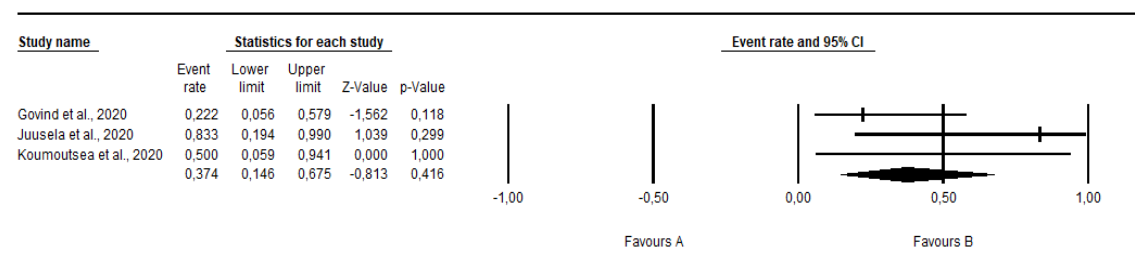
Figure 2. Meta-analysis and forest plots for diagnostic tests of COVID-19 of pregnant women

A: PCR (+)



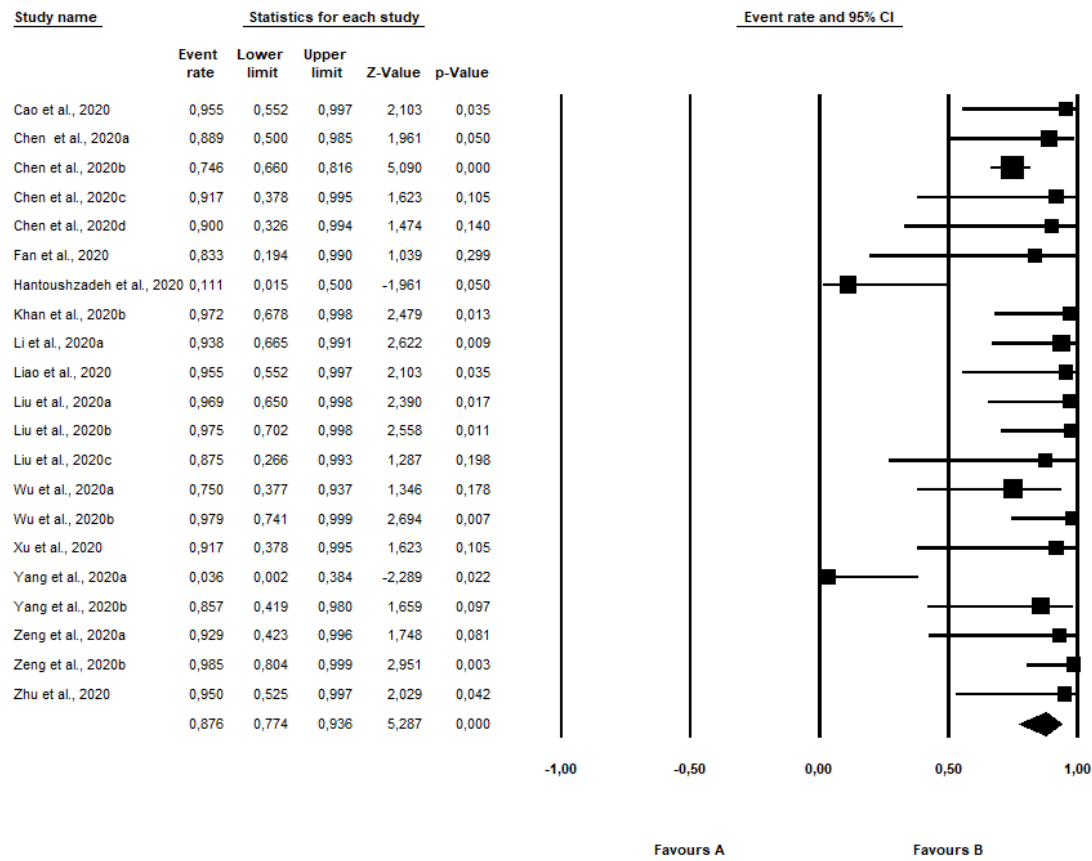
Model	Effect size and 95% interval			Test of null (2-Tail)		Heterogeneity			Tau-squared					
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	31	0,800	0,750	0,842	9,424	0,000	49,346	30	0,014	39,205	0,589	0,502	0,252	0,768
Random	31	0,896	0,838	0,935	8,245	0,000								

B: Abnormal Chest X-ray (+)



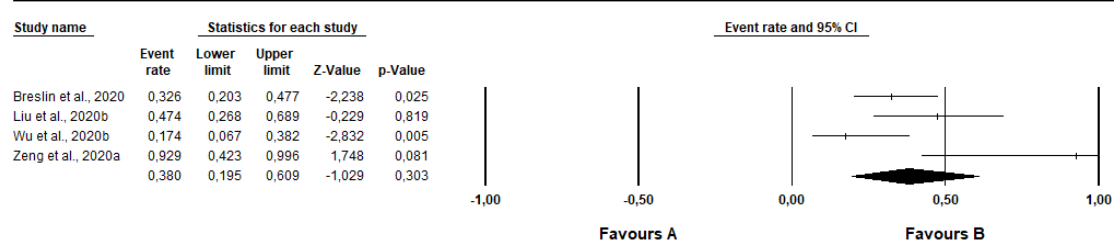
Model	Effect size and 95% interval			Test of null (2-Tail)		Heterogeneity			Tau-squared					
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	3	0,374	0,146	0,675	-0,813	0,416	2,860	2	0,239	30,065	0,650	2,173	4,721	0,806
Random	3	0,426	0,129	0,788	-0,363	0,717								

C: Abnormal Chest CT (+)



Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity				Tau-squared			
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	21	0,799	0,740	0,847	8,097	0,000	45,273	20	0,001	55,824	1,282	1,009	1,018	1,132
Random	21	0,876	0,774	0,936	5,287	0,000								

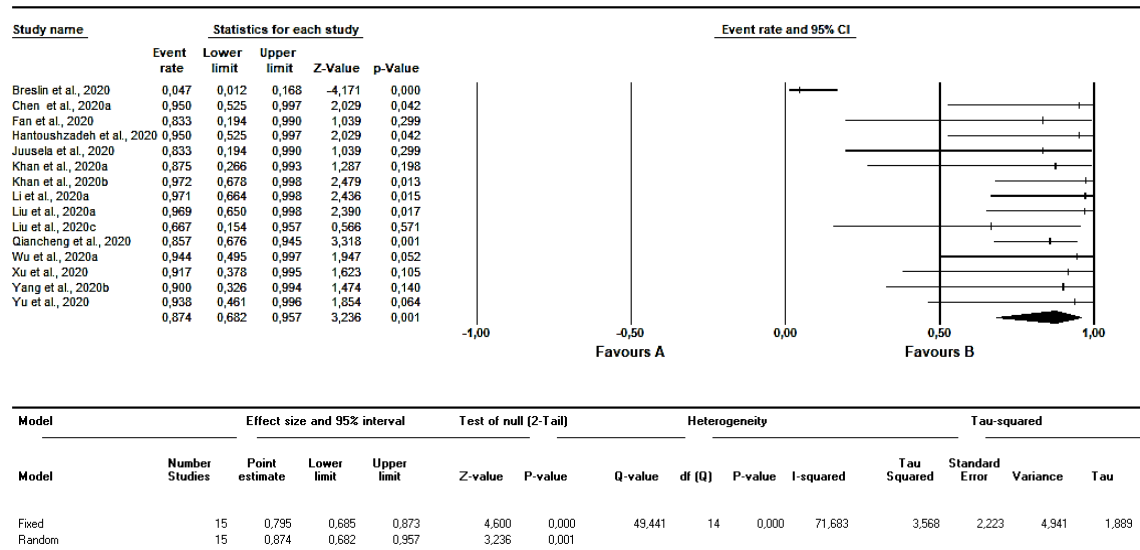
D: Clinical findings



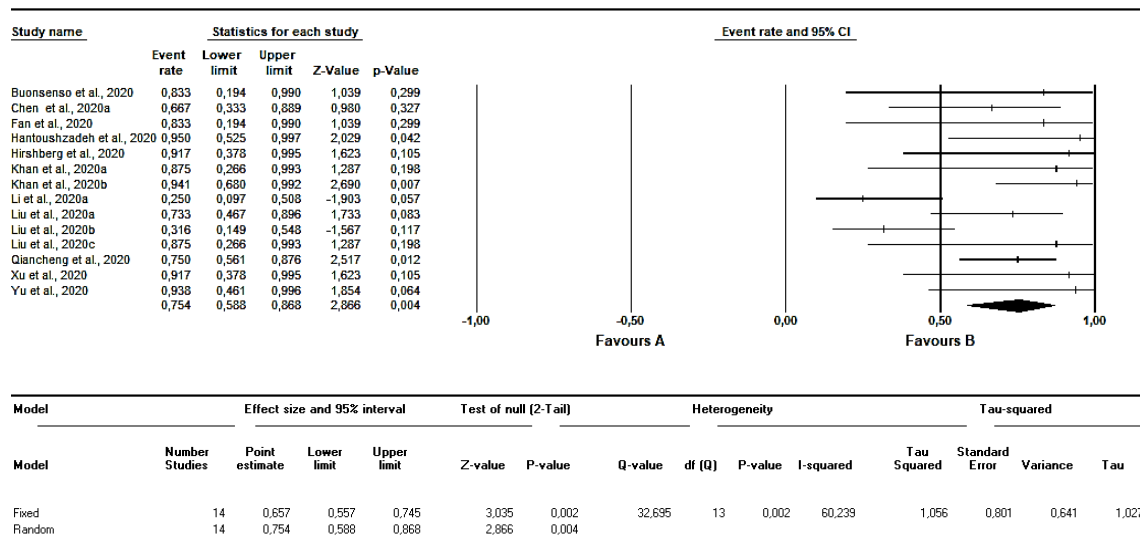
Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity				Tau-squared			
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	4	0,347	0,251	0,458	-2,675	0,007	8,981	3	0,030	66,595	0,538	0,723	0,523	0,734
Random	4	0,380	0,195	0,609	-1,029	0,303								

Figure 3. Meta-analysis and forest plots for treatments of COVID-19 of pregnant women

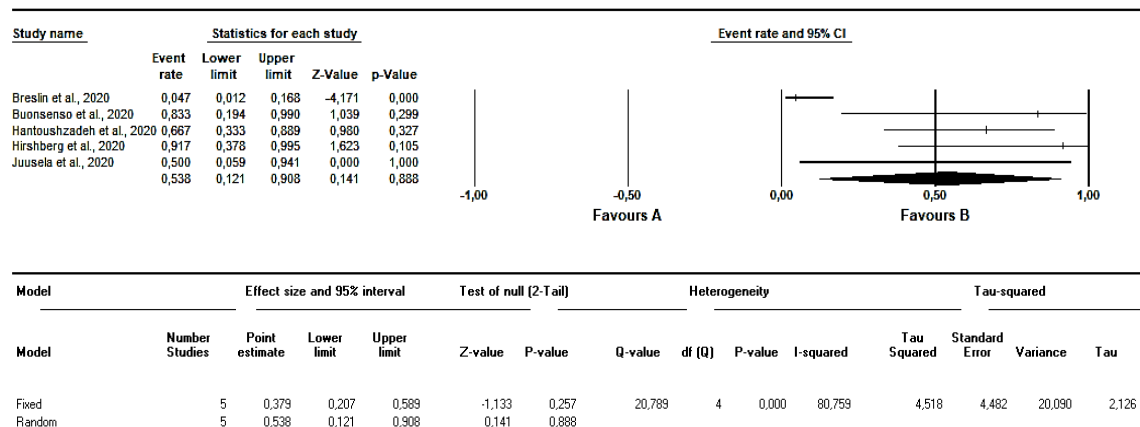
A: Antibiotics



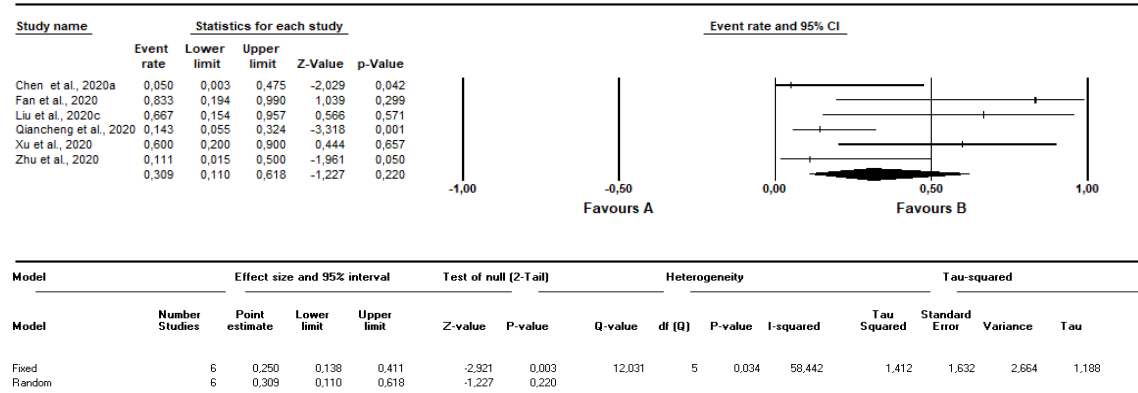
B: Antivirals



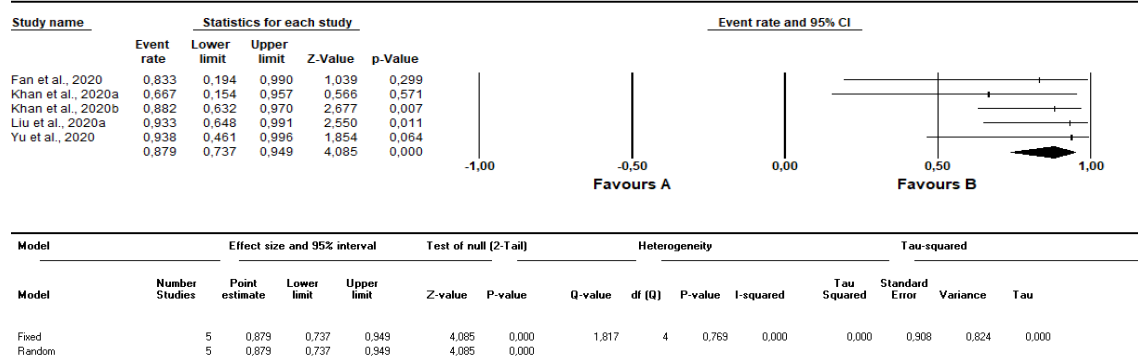
C: Hydroxychloroquine



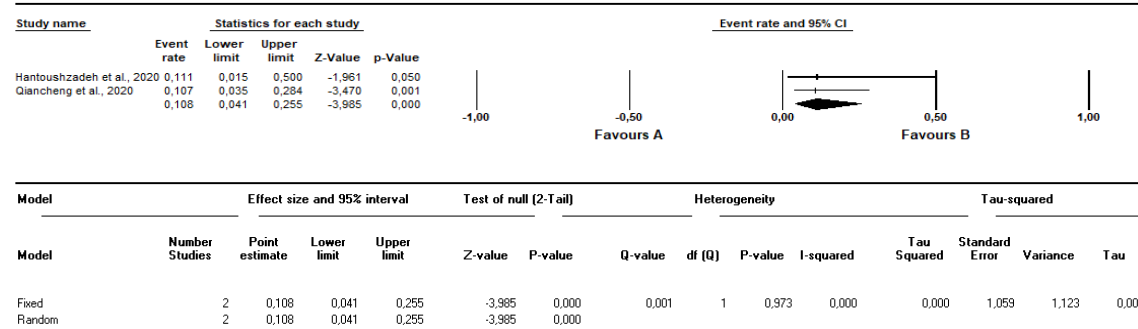
D: Corticosteroids



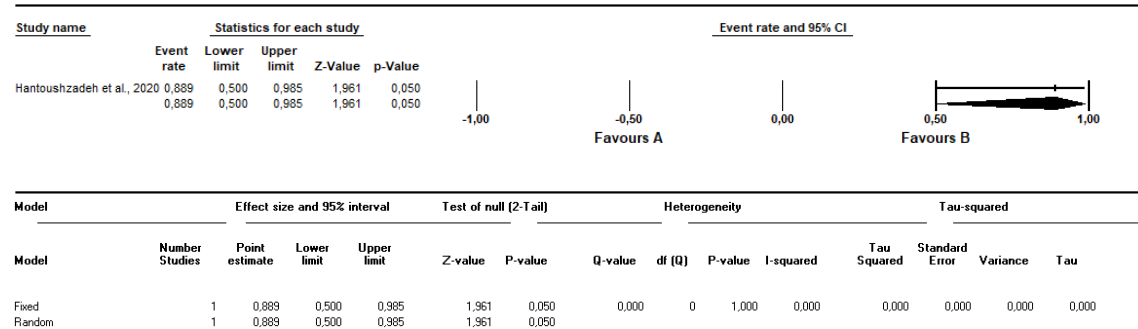
E: Chinese medicine (lianhua-qingwen)



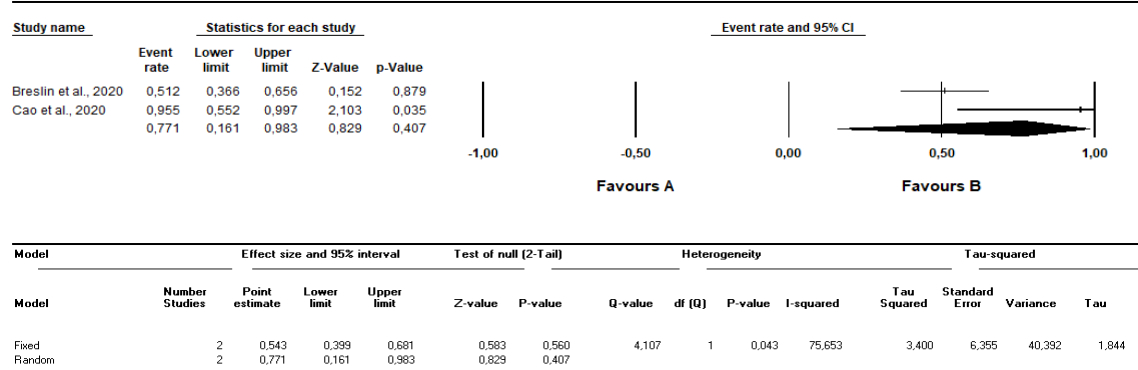
F: Intravenous immunoglobulin



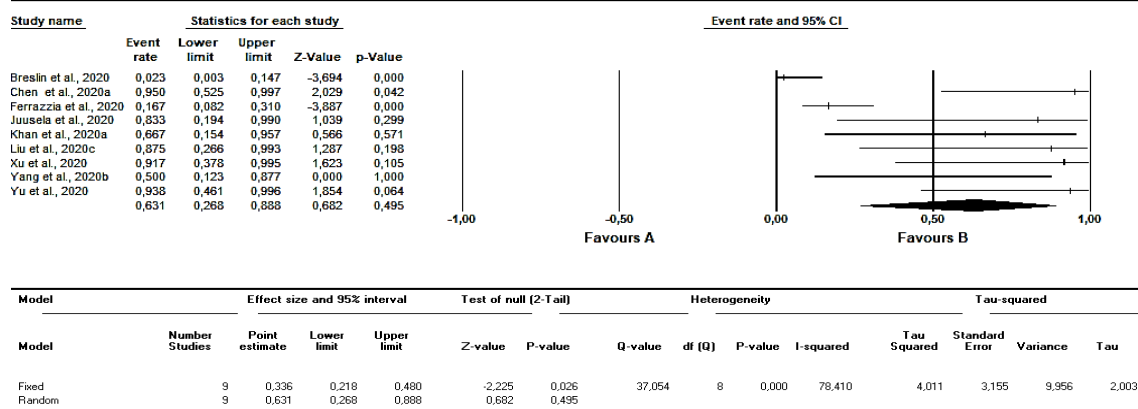
G: Anticoagulant



H: Outpatient treatment/monitoring by phone



I: Oxygen support



J: Intubation/mechanical ventilation

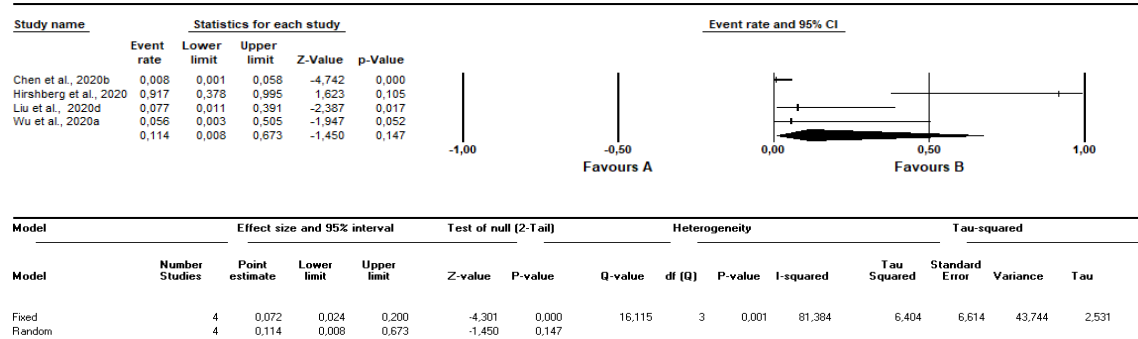
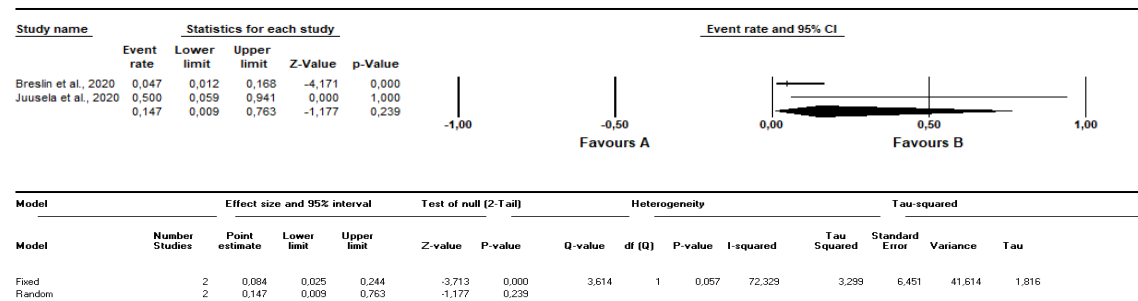
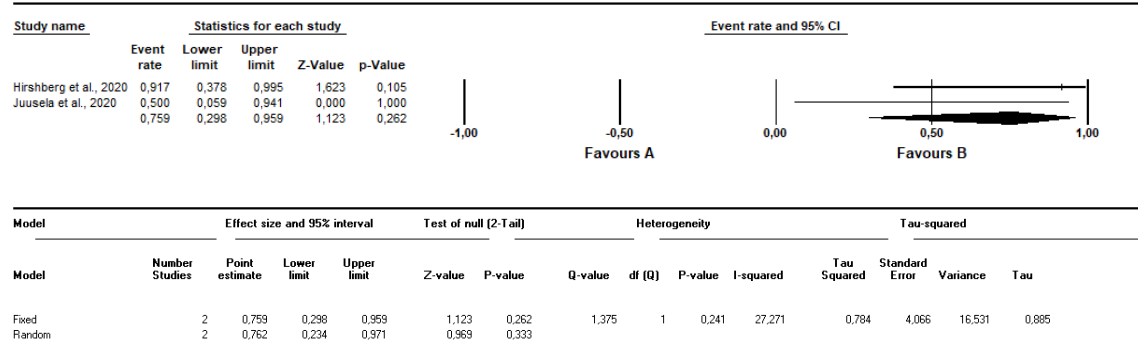


Figure 4. Meta-analysis and forest plots for treatments to prevent premature birth of COVID-19 of pregnant women

A: Hydration



B: Steroid



C: MgSO4

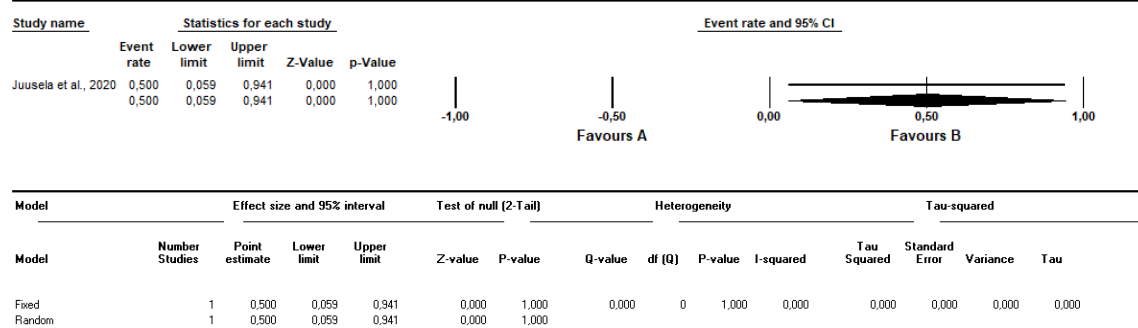
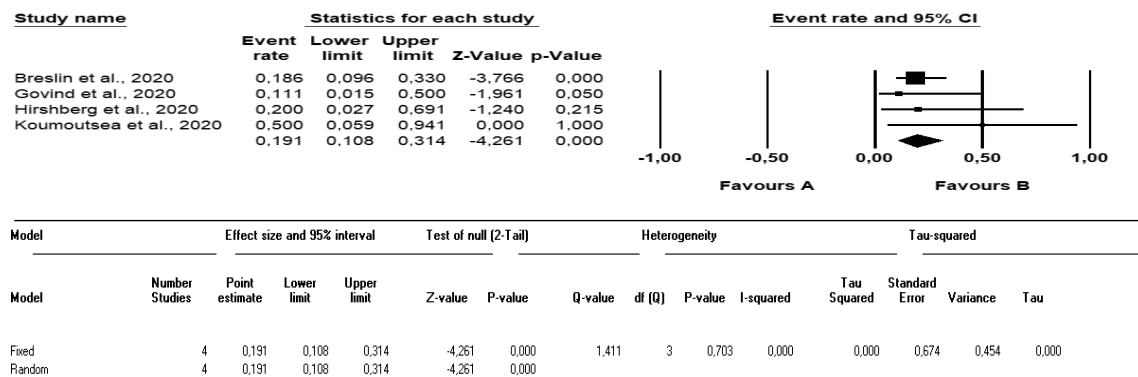
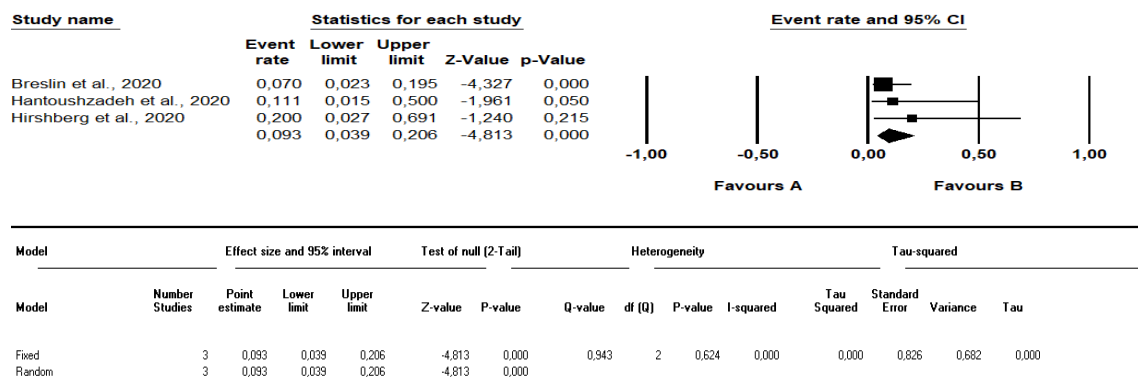


Figure 5. Meta-analysis and forest plots for comorbidities of COVID-19 of pregnant women

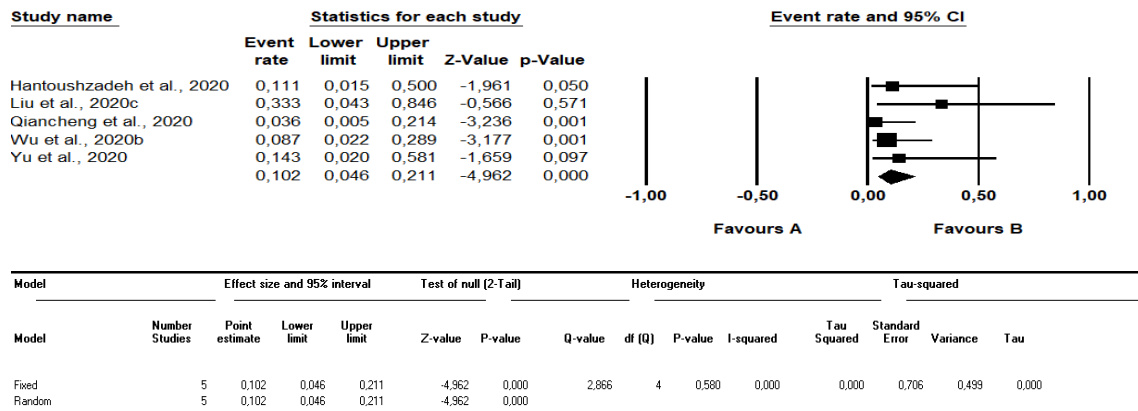
A: Asthma



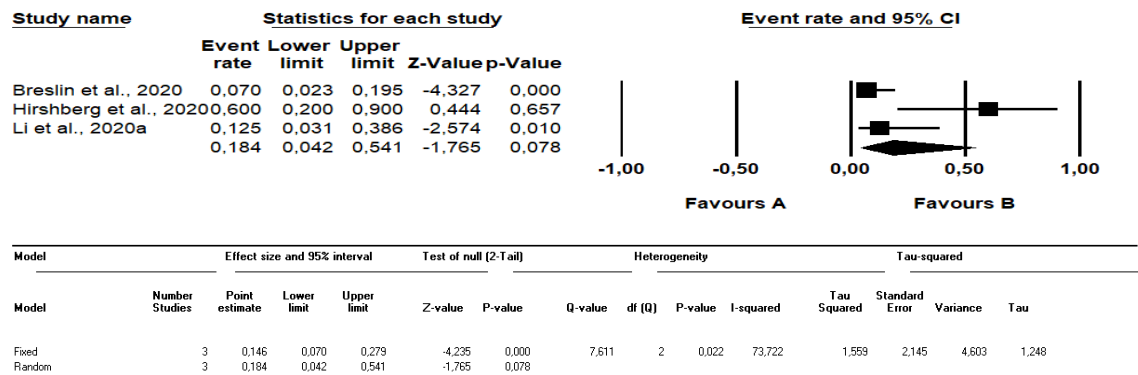
B: Diabetes mellitus



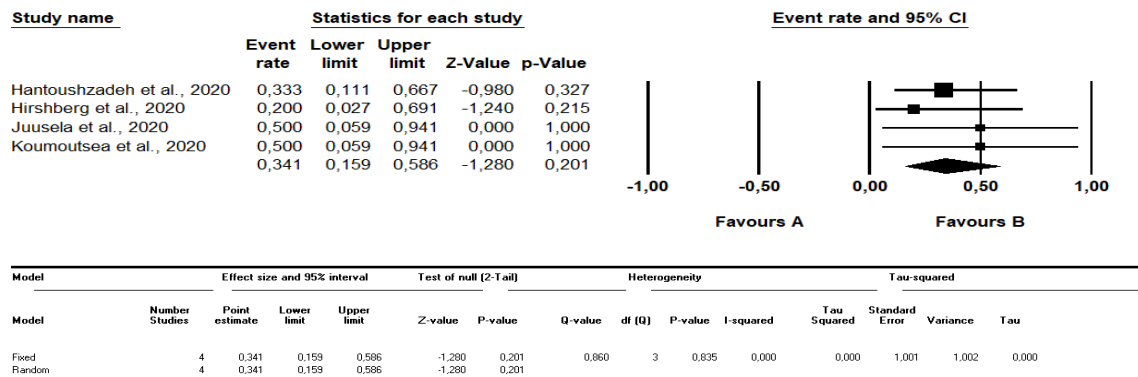
C: Hypothyroidism



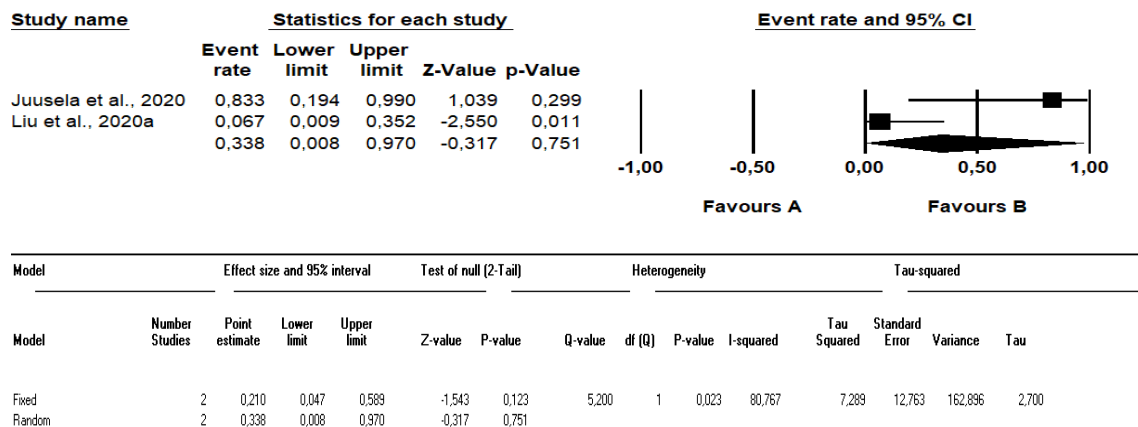
D: Chronic hypertension



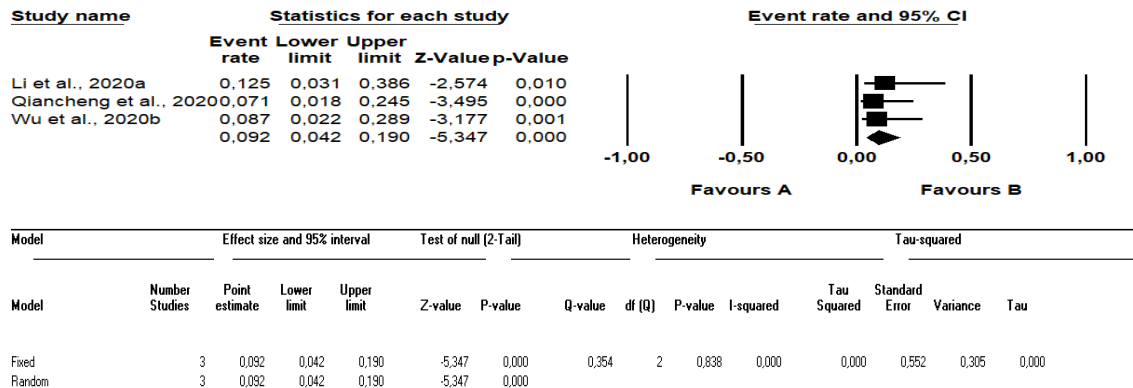
E: Obesity



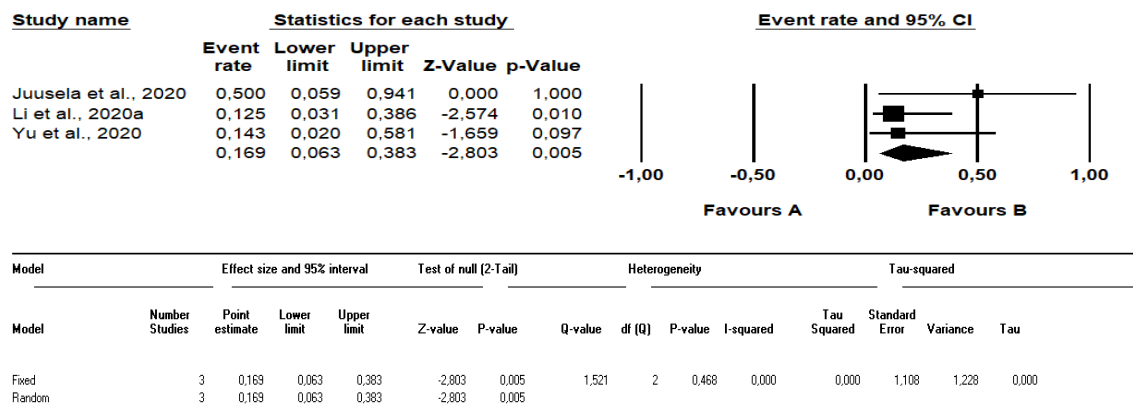
F: Heart disease



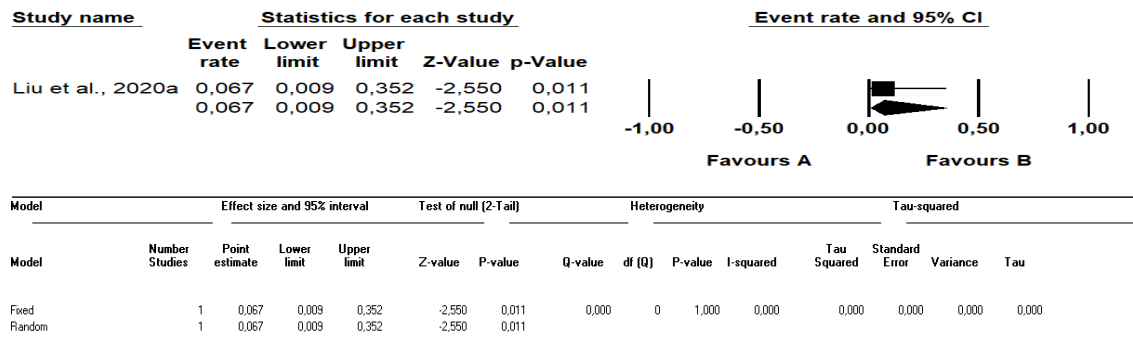
G: Hepatitis B



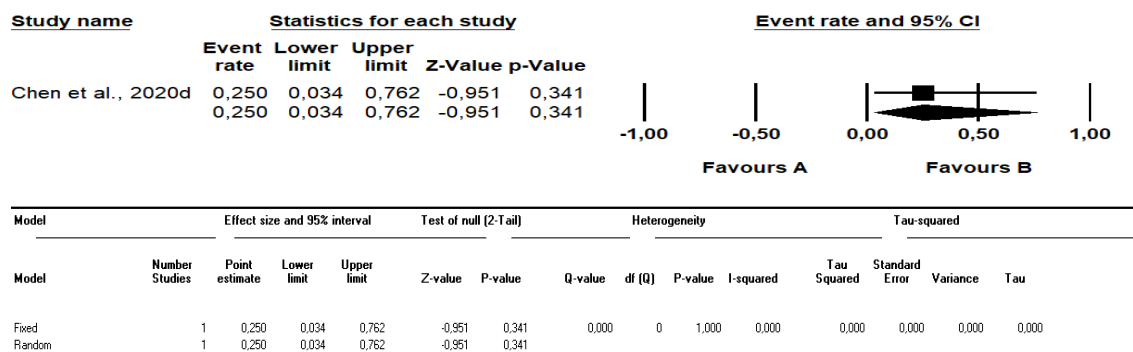
H: Polycystic ovary syndrome



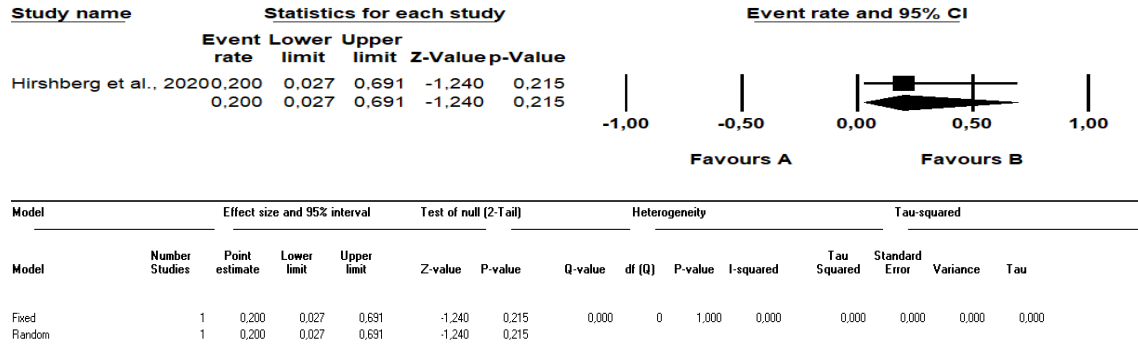
I: Thalassemia



J: Cholecystitis



K: Chronic kidney disease



L: Familial neutropenia

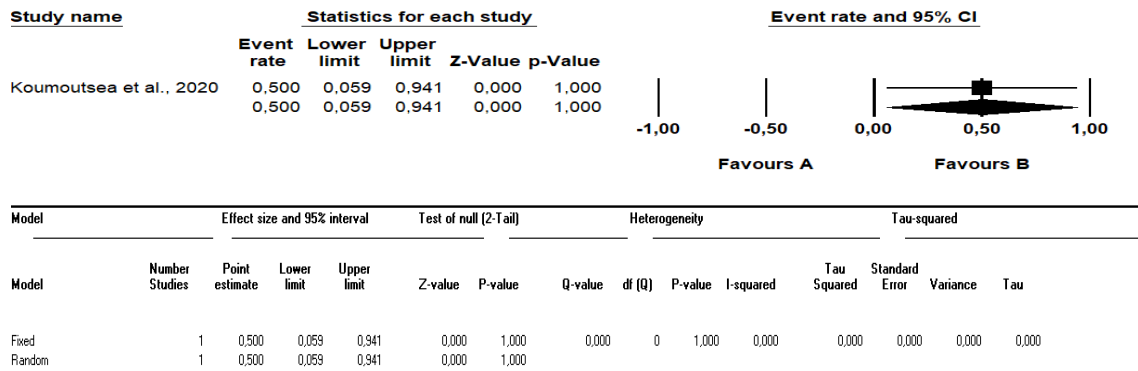
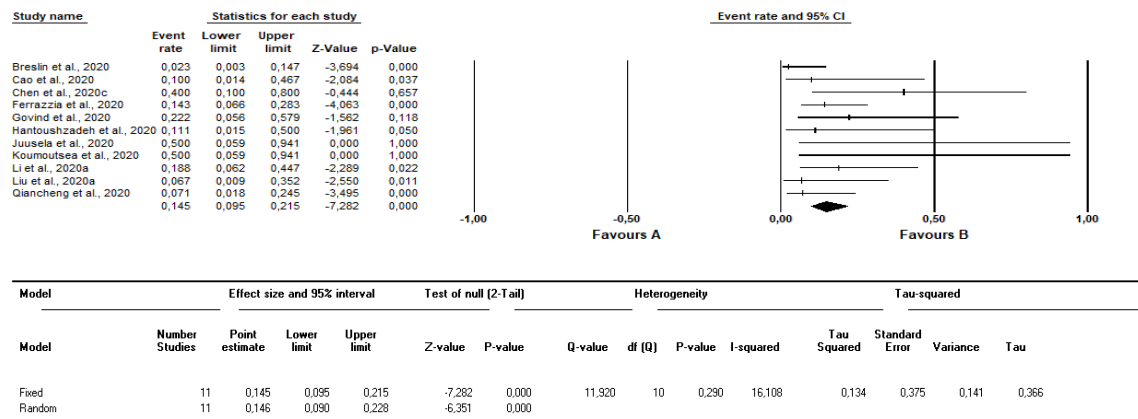
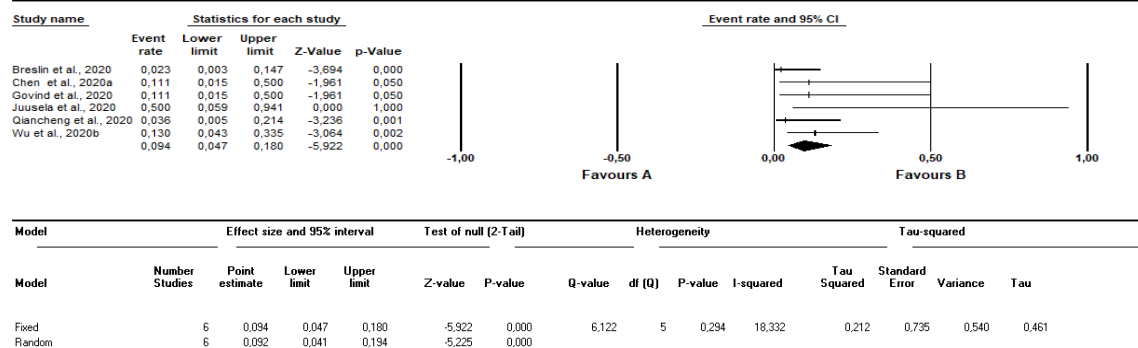


Figure 6. Meta-analysis and forest plots for diseases related to pregnancy of COVID-19 of pregnant women

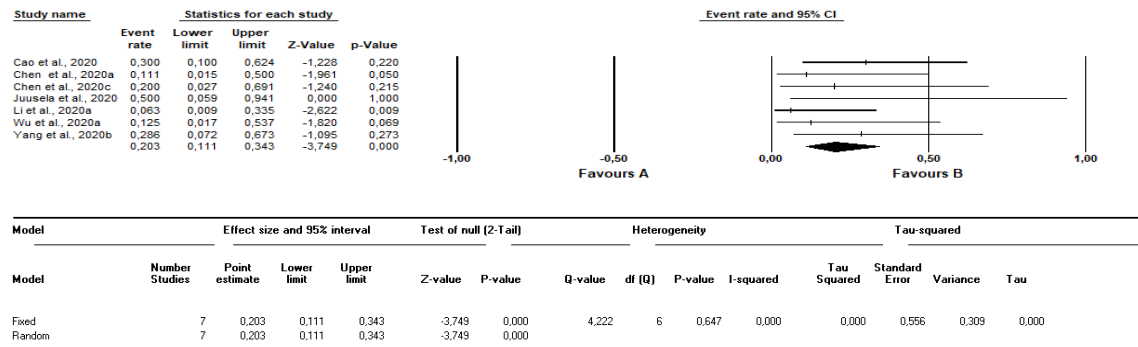
A: Gestational diabetes mellitus



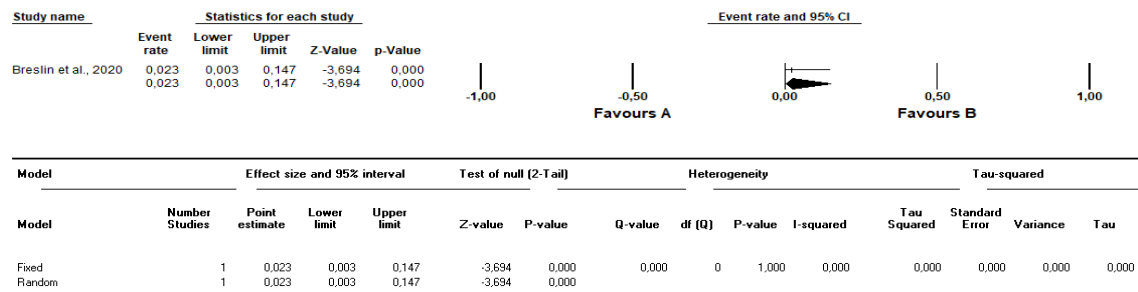
B: Hypertension



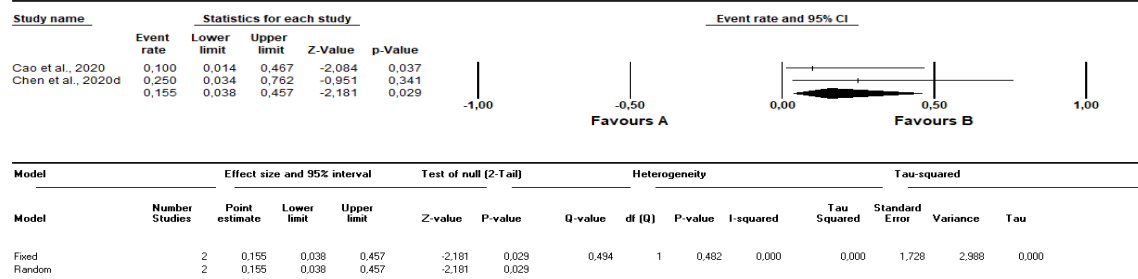
C: Preeclampsia



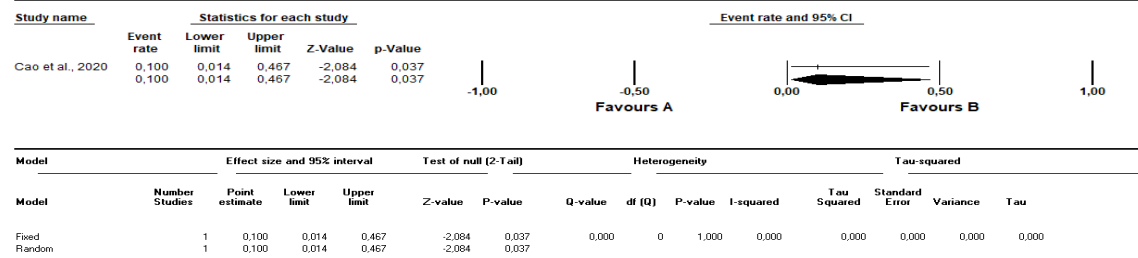
D: Cholestasis



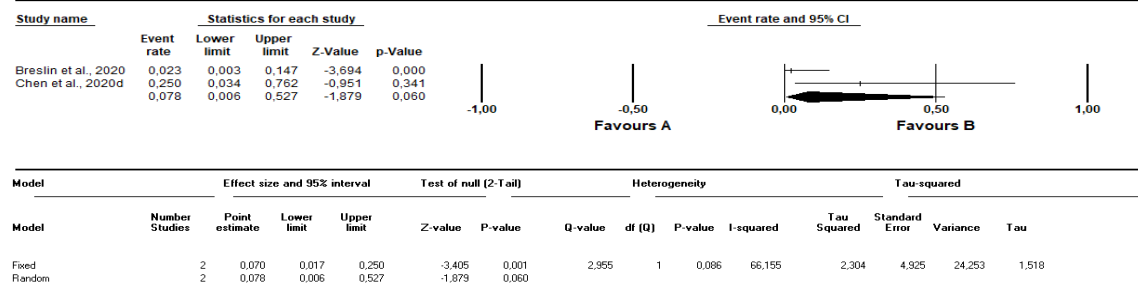
E: Anaemia



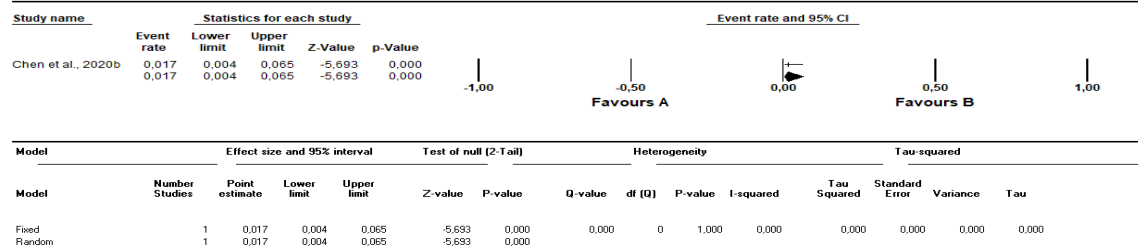
F: Hypothyroidism



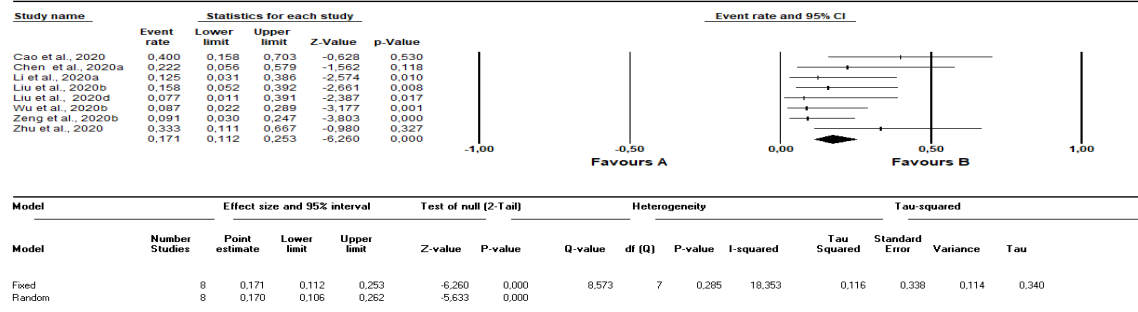
G: Decrease in foetal movement



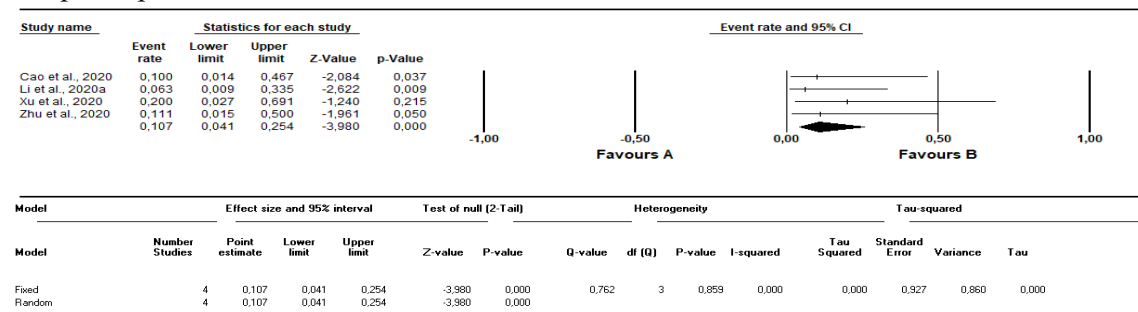
H: Multiple pregnancies



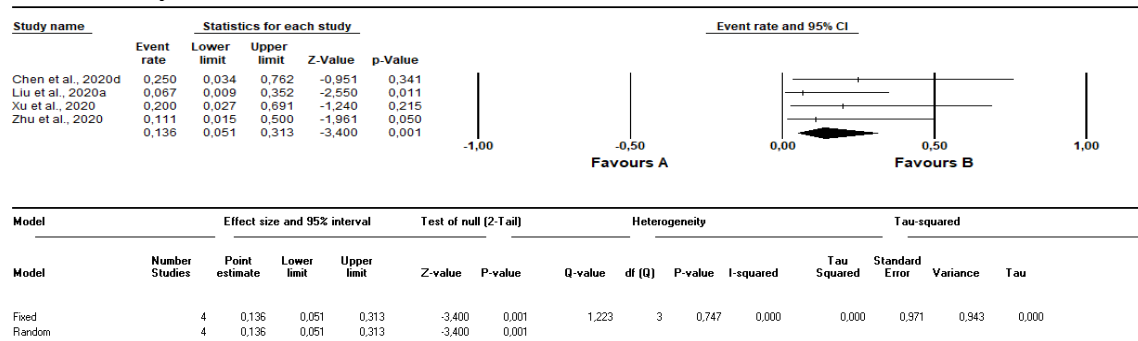
I: Early membrane rupture



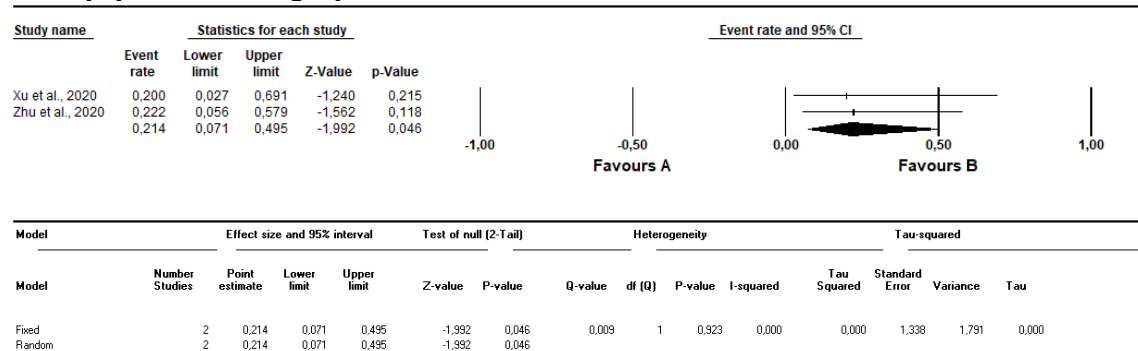
J: Aplasia placenta



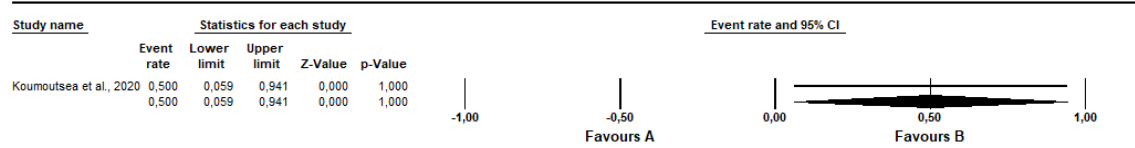
K: Placenta previa



L: Polyhydroamnios/oligohydroamnios



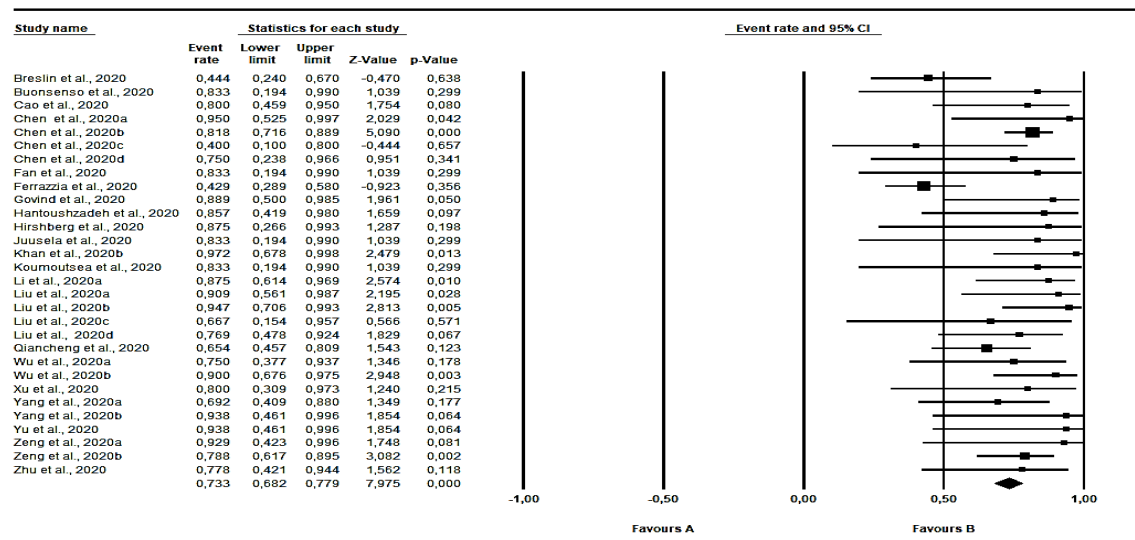
M: Postpartum bleeding



Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	1	0,500	0,059	0,941	0,000	1,000	0,000	0	1,000	0,000	0,000	0,000	0,000	0,000
Random	1	0,500	0,059	0,941	0,000	1,000								

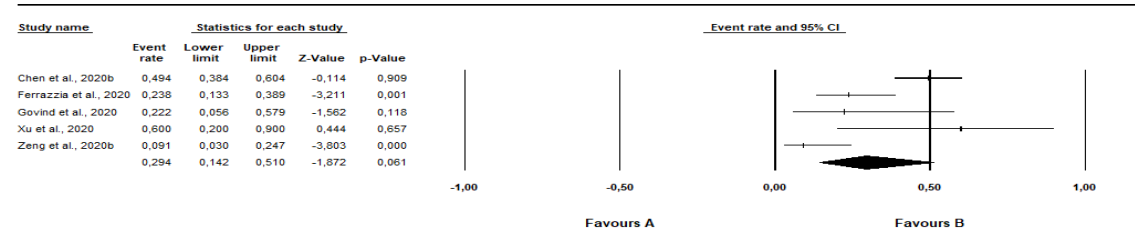
Figure 7. Meta-analysis and forest plots for duration of pregnancy and mode of delivery of COVID-19 of pregnant women

A: Caesarean delivery



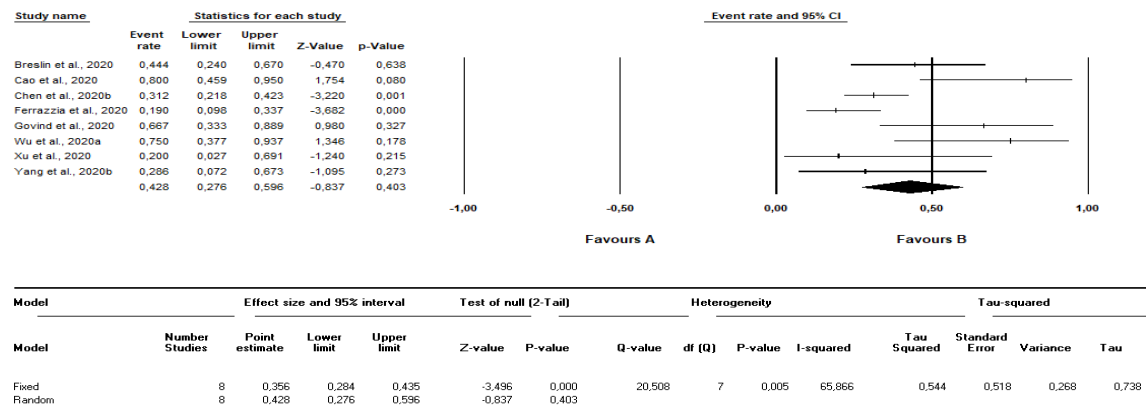
Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	30	0,733	0,682	0,779	7,975	0,000	51,533	29	0,006	43,725	0,398	0,273	0,075	0,631
Random	30	0,779	0,706	0,839	6,363	0,000								

B: Indication of COVID-19 for caesarean section



Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	5	0,371	0,295	0,454	-3,007	0,003	18,376	4	0,001	78,232	0,767	0,839	0,704	0,876
Random	5	0,294	0,142	0,510	-1,872	0,061								

C: Indication of obstetric for caesarean section



D: Preterm labour (<37 weeks)

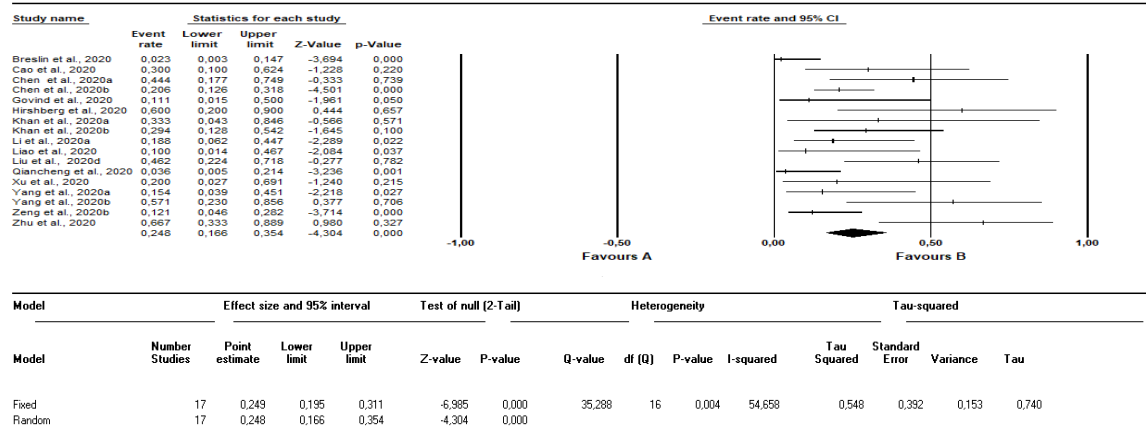
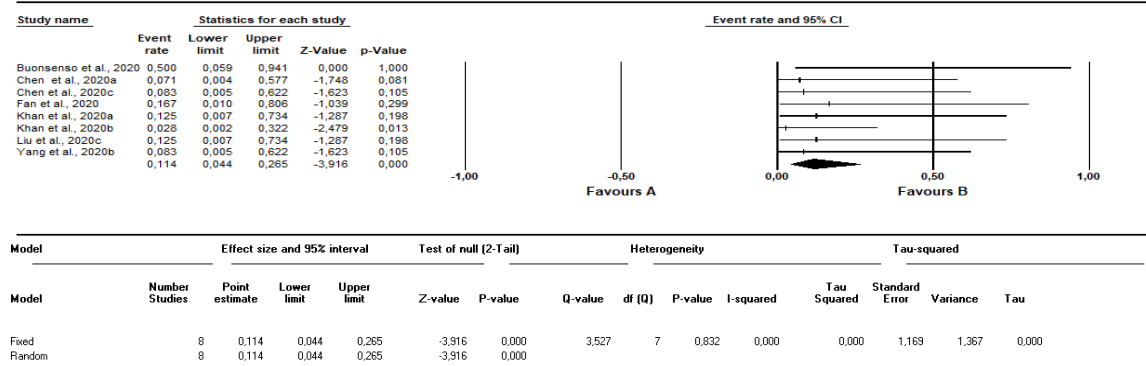
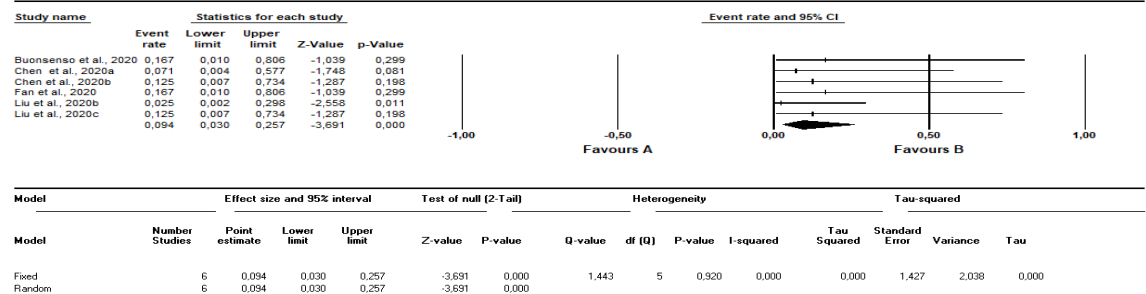


Figure 8. Meta-analysis and forest plots for COVID-19 test results in postpartum period at the first 24 hours

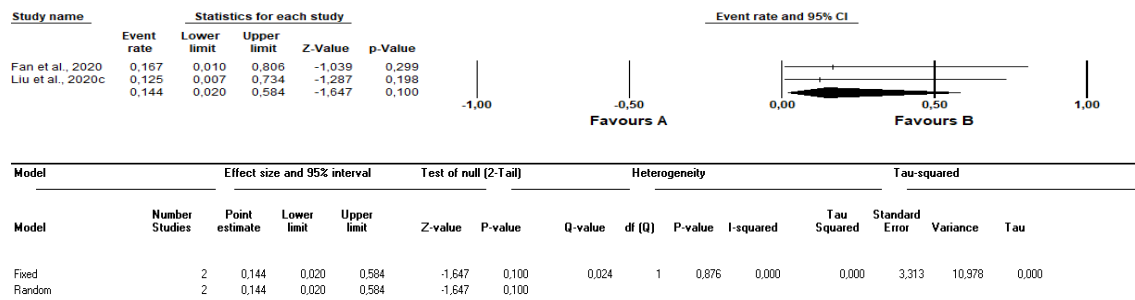
A: Placenta and umbilical cord blood samples (+)



B: Breast milk (+)



C: Vaginal swab (+)



D: Amniotic fluid (+)

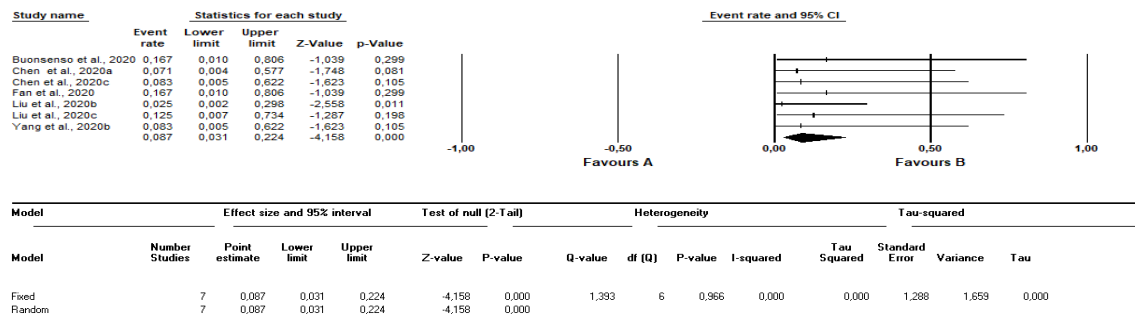
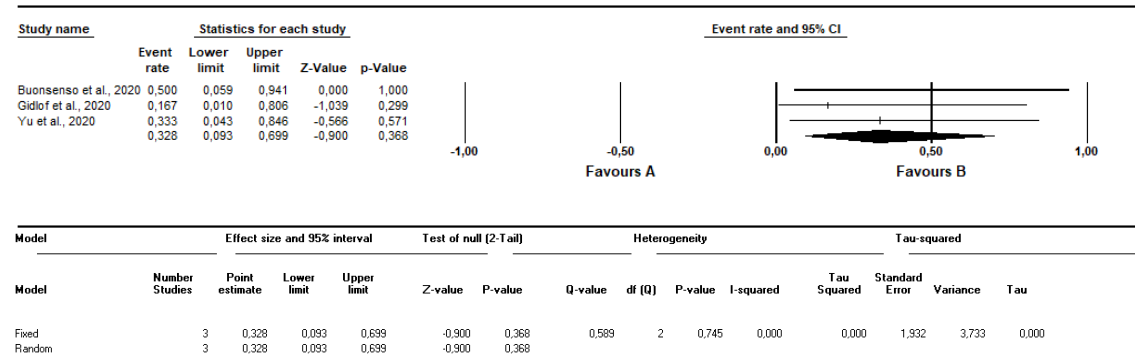


Figure 9. Meta-analysis and forest plots for COVID-19 test results in postpartum period at the 2nd-14th day

A: Breast milk (+)



B: Vaginal swab (+)

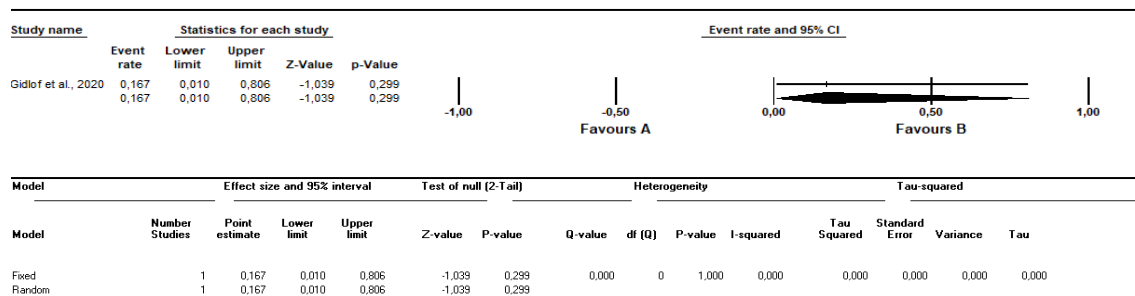


Figure 10. Meta-analysis and forest plots for admission to intensive care unit of COVID-19 of pregnant women

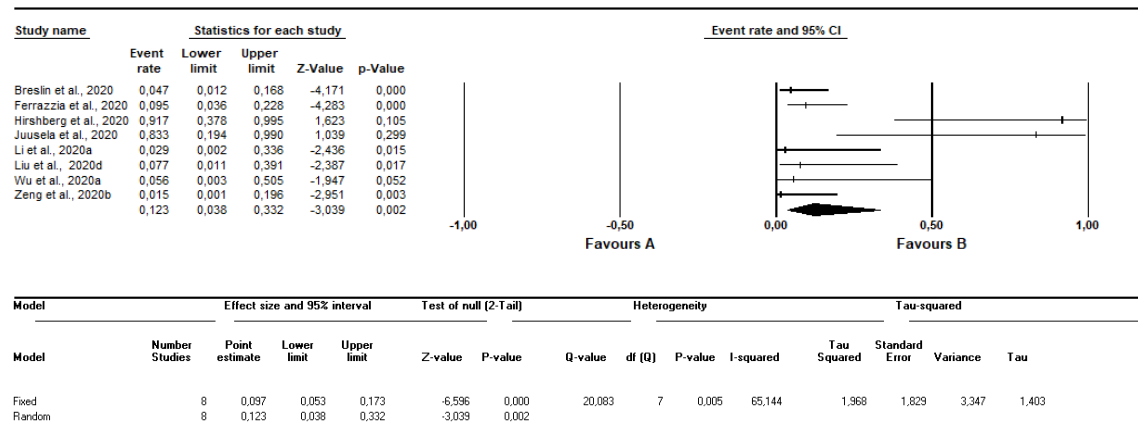


Figure 11. Meta-analysis and forest plots for maternal death of COVID-19 of pregnant women

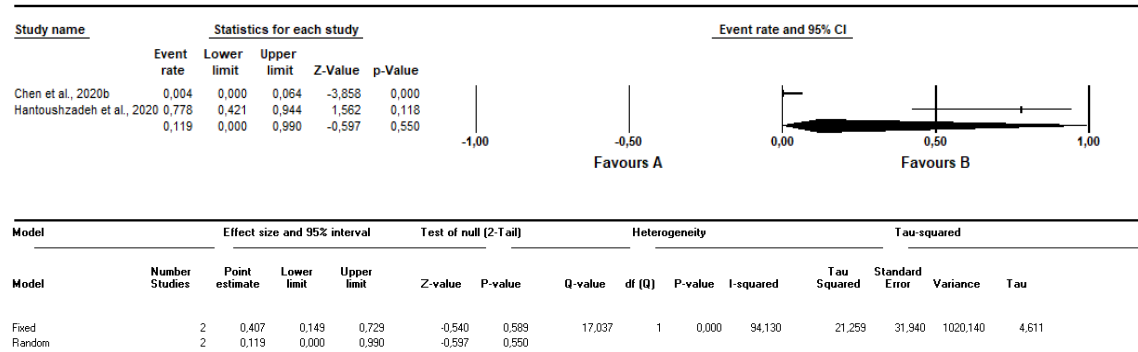
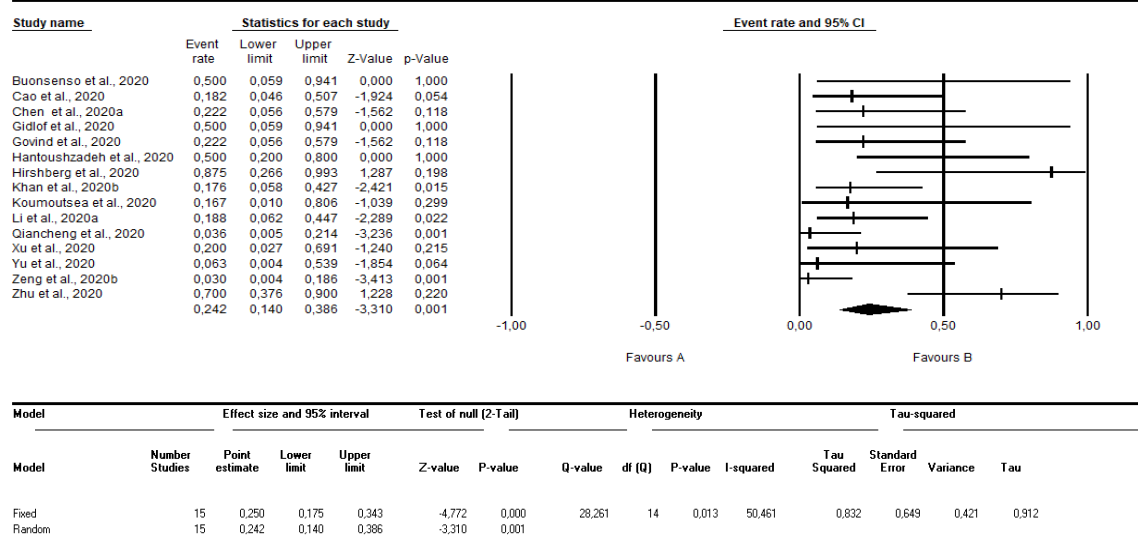
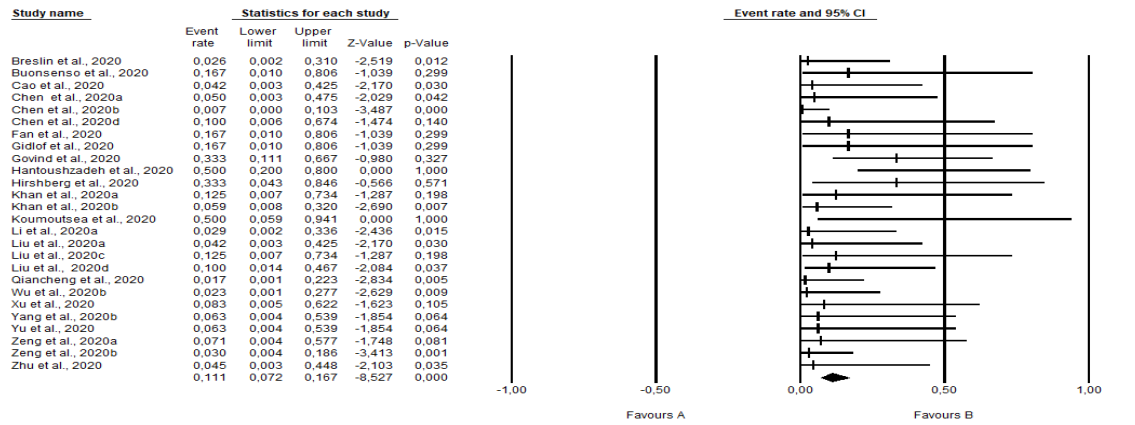


Figure 12. Meta-analysis and forest plots for perinatal outcomes of new-borns

A: Low birth weight (<2500 gr)

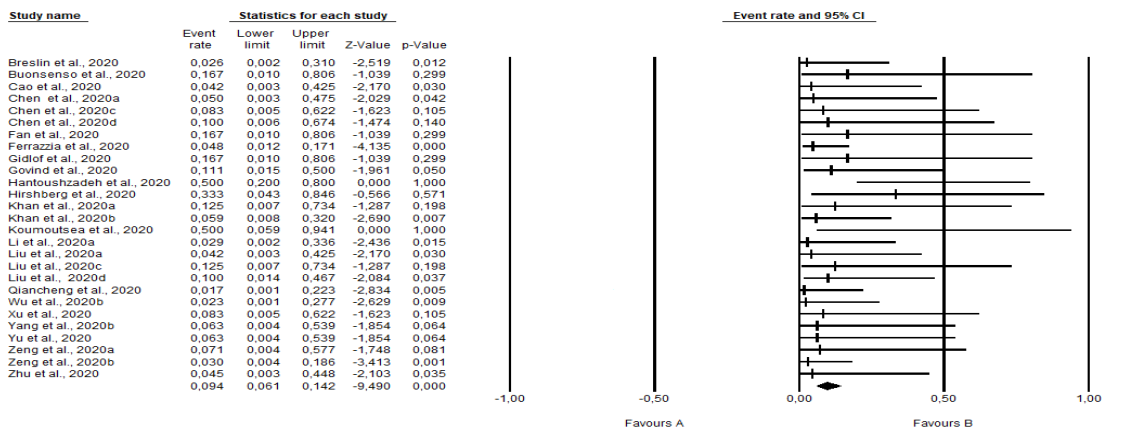


B: Apgar Score in the first minute <7



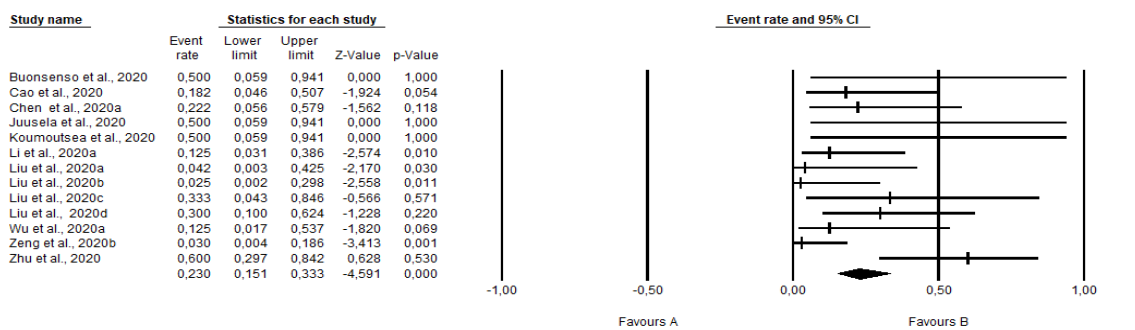
Model	Effect size and 95% interval			Test of null (2-Tail)		Heterogeneity			Tau-squared					
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	26	0,111	0,072	0,167	-8,527	0,000	30,437	25	0,208	17,862	0,343	0,546	0,298	0,586
Random	26	0,099	0,060	0,159	-7,980	0,000								

C: Apgar Score in the fifth minute <7



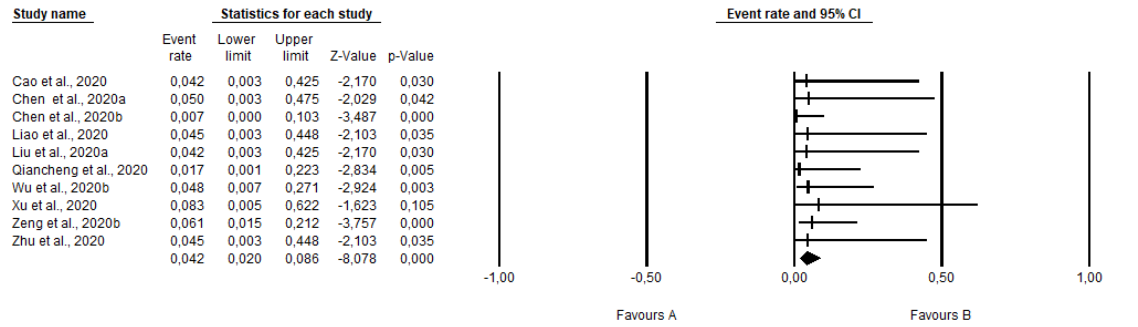
Model	Effect size and 95% interval			Test of null (2-Tail)		Heterogeneity			Tau-squared					
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	27	0,094	0,061	0,142	-9,490	0,000	23,536	26	0,602	0,000	0,000	0,434	0,188	0,000
Random	27	0,094	0,061	0,142	-9,490	0,000								

D: Foetal distress



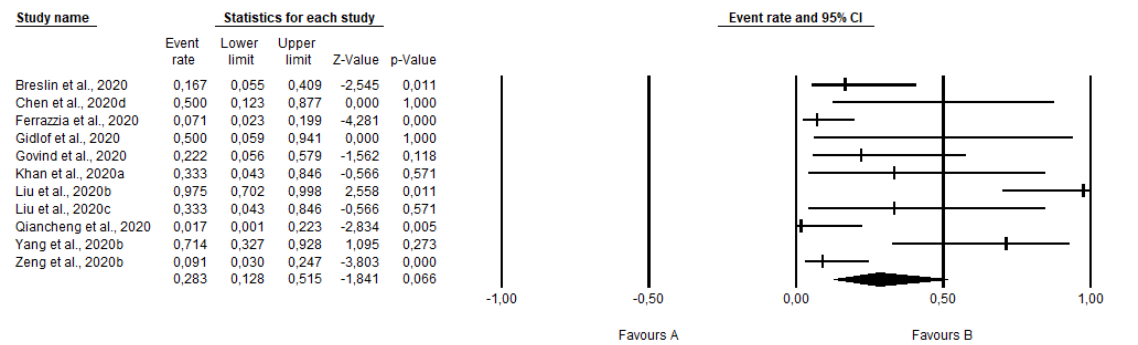
Model	Effect size and 95% interval			Test of null (2-Tail)		Heterogeneity			Tau-squared					
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	13	0,230	0,151	0,333	-4,591	0,000	20,125	12	0,065	40,373	0,629	0,653	0,427	0,793
Random	13	0,212	0,118	0,352	-3,662	0,000								

E: Foetal asphyxia



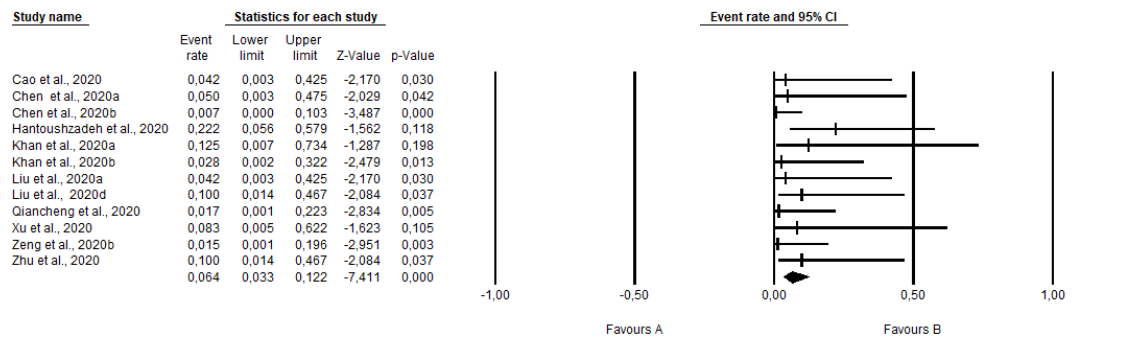
Model	Effect size and 95% interval			Test of null (2-Tail)		Heterogeneity			Tau-squared					
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	10	0,042	0,020	0,086	-8,078	0,000	2,623	9	0,977	0,000	0,000	0,741	0,549	0,000
Random	10	0,042	0,020	0,086	-8,078	0,000								

F: Newborn admission to ICU



Model	Effect size and 95% interval			Test of null (2-Tail)		Heterogeneity			Tau-squared					
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	11	0,215	0,141	0,313	-4,993	0,000	33,192	10	0,000	69,873	1,800	1,261	1,589	1,342
Random	11	0,283	0,128	0,515	-1,841	0,066								

Figure 13. Meta-analysis and forest plots for neonatal death



Model	Effect size and 95% interval			Test of null (2-Tail)		Heterogeneity			Tau-squared					
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	12	0,064	0,033	0,122	-7,411	0,000	9,079	11	0,615	0,000	0,000	0,684	0,468	0,000
Random	12	0,064	0,033	0,122	-7,411	0,000								

Figure 14. Meta-analysis and forest plots for intrauterine death

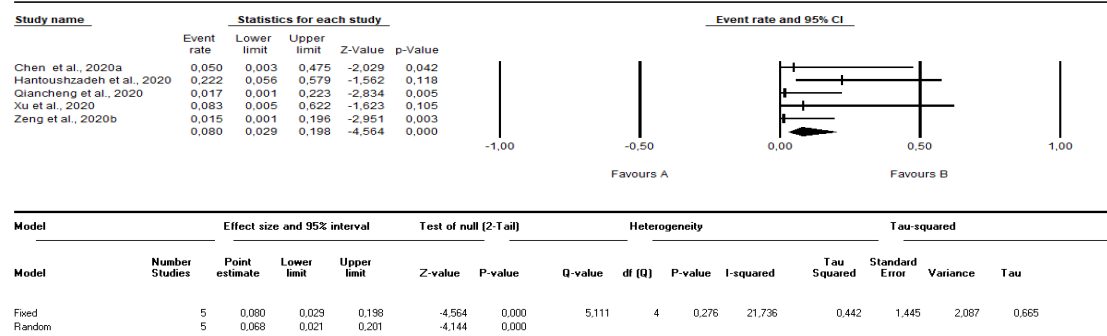
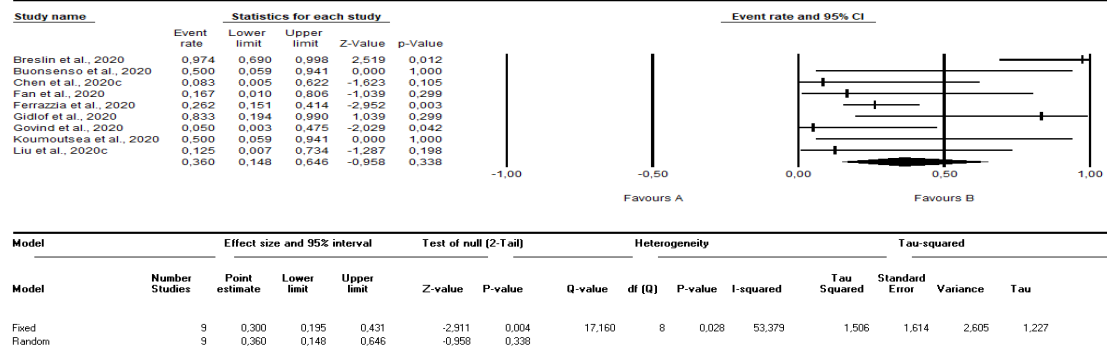
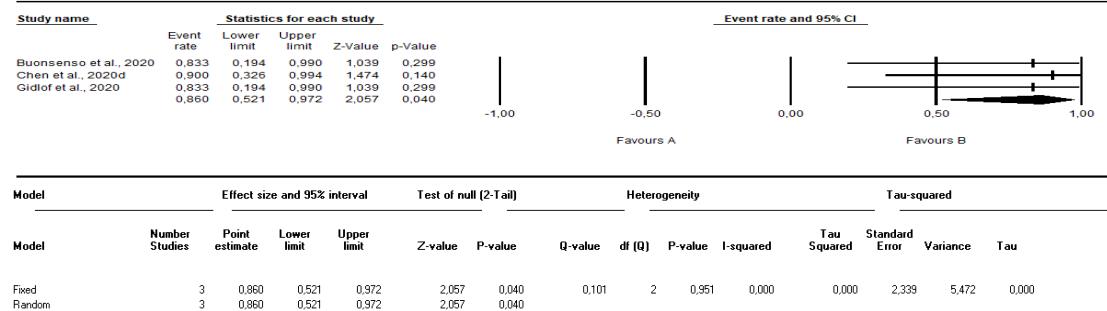


Figure 15. Meta-analysis and forest plots for feeding and care of new-borns

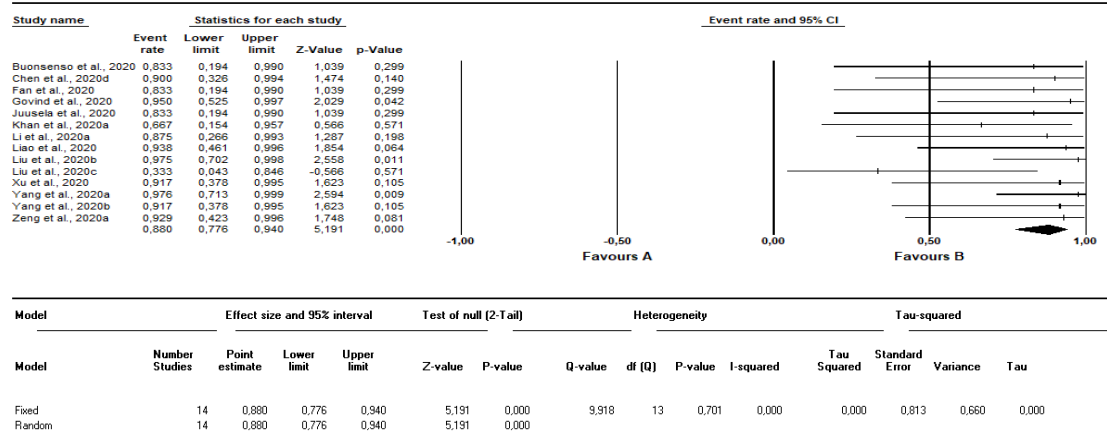
A: Breastfeeding



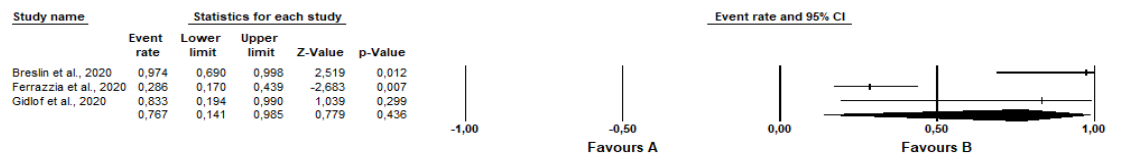
B: Formula



C: Isolated separate from mother



D: Isolated with mother

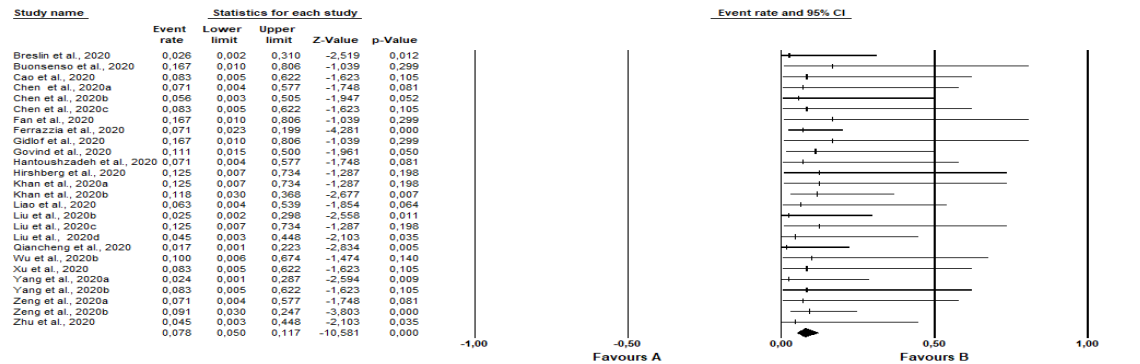


Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	3	0,361	0,230	0,516	-1,763	0,078	11,517	2	0,003	82,634	5,673	7,358	54,134	2,382
Random	3	0,767	0,141	0,985	0,779	0,436								

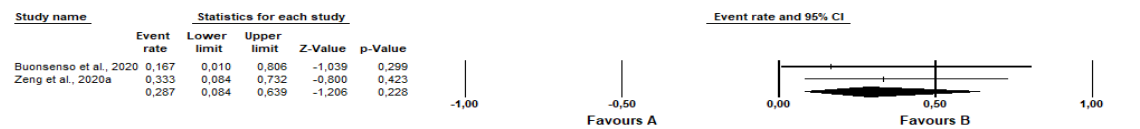
Figure 16. Meta-analysis and forest plots for COVID-19 Test outcomes of new-borns at the first 24 hours

A: RT-PCR (+)

Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	26	0,078	0,050	0,117	-10,581	0,000	5,647	25	1,000	0,000	0,000	0,417	0,174	0,000
Random	26	0,078	0,050	0,117	-10,581	0,000								

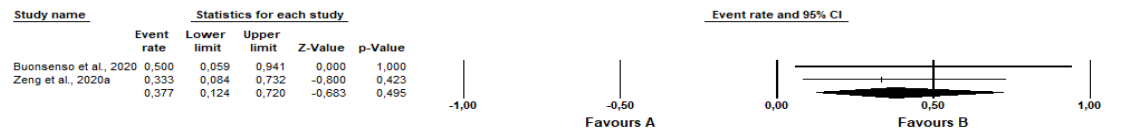


B: IgG (+)



Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	2	0,287	0,084	0,639	-1,206	0,228	0,267	1	0,606	0,000	0,000	2,227	4,961	0,000
Random	2	0,287	0,084	0,639	-1,206	0,228								

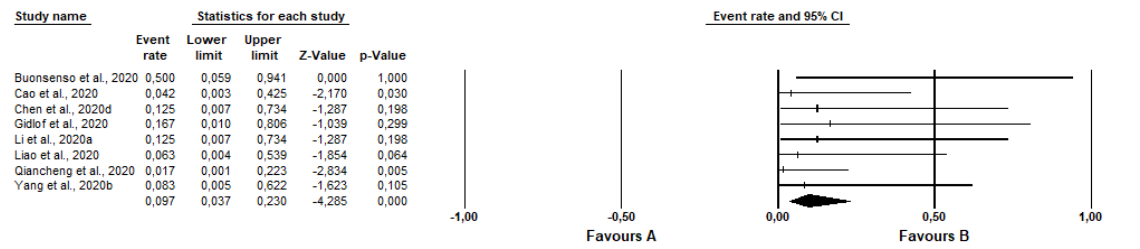
C: IgM (+)



Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	2	0,377	0,124	0,720	-0,683	0,495	0,175	1	0,676	0,000	0,000	1,945	3,781	0,000
Random	2	0,377	0,124	0,720	-0,683	0,495								

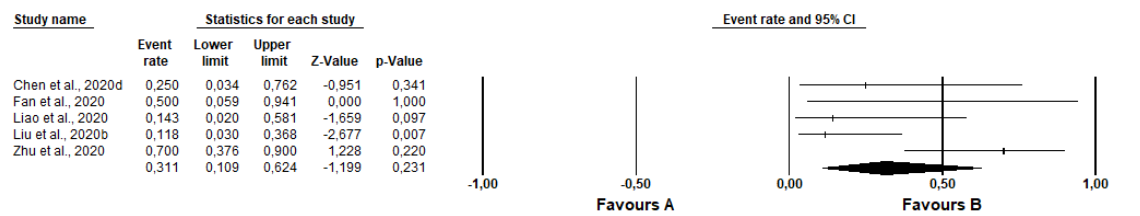
Figure 17. Meta-analysis and forest plots for COVID-19 Test outcomes of new-borns at the 2nd-14th day

A: RT-PCR (+)



Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	8	0,097	0,037	0,230	-4,285	0,000	4,846	7	0,679	0,000	0,000	1,160	1,345	0,000
Random	8	0,097	0,037	0,230	-4,285	0,000								

B: Abnormal chest x-ray/CT



Model	Effect size and 95% interval				Test of null (2-Tail)		Heterogeneity			Tau-squared				
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (I)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	5	0,333	0,183	0,527	-1,693	0,091	9,464	4	0,050	57,736	1,227	1,557	2,424	1,108
Random	5	0,311	0,109	0,624	-1,199	0,231								

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