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

# A: Fever

Study name		Statist	ics for ea	ch study				Event rate and 95% CI		
	Event	Lower	Upper	Z-Value	p-Value					
Brealin et al., 2020	0,326	0,203	0,477	-2,238	0,025	1 I	T I			T 1
Buonsenso et al., 2020	0,500	0,059	0,941	0,000	1,000					
Cao et al., 2020	0,700	0,376	0,900	1,228	0,220					
Chen et al., 2020a	0,778	0,421	0,944	1,562	0,118					
Chen et al, 2020b	0,712	0,624	0,786	4,450	0,000					-11
Chen et al., 2020d	0,750	0,238	0,966	0,951	0,341				· · ·	
Ferrazzia et al., 2020	0,476	0,332	0,625	-0,308	0,758					
Govind et al., 2020	0,444	0,177	0,749	-0,333	0,739					I
Hantoushzadeh et al., 20	20 0,950	0.525	0.997	2.029	0.042					
Hirshberg et al., 2020	0,917	0,378	0,995	1,623	0,105					
Juusela et al., 2020	0,500	0,059	0,941	0,000	1,000					
Khan et al., 2020a	0,667	0,154	0,957	0,566	0,571					
Chan et al. 2020b	0,176	0.058	0,427	-2,421	0.015					
Cournoutsea et al. 2020	0,833	0,194	0,990	1,039	0.299					
i et al., 2020a	0,250	0.097	0,508	-1,903	0.057					
Liao st al., 2020	0,500	0,225	0,775	0,000	1,000					· · · · · · · · · · · · · · · · · · ·
lu et al., 2020a	0,867	0,595	0,966	2,464	0,014					
Liu et al., 2020b	0,579	0,356	0,774	0,685	0,493					a 10
lu et al., 2020c	0,667	0,154	0,957	0,566	0,571					
iu et al., 2020d	0,769	0,478	0,924	1,829	0,067					
Diancheng et al., 2020	0,179	0,076	0,364	-3,093	0,002					
Vu et al., 2020a	0,125	0,017	0,537	-1,820	0,069					I
Vu et al., 2020b	0,174	0,067	0,382	-2,832	0,005					
Cu et al., 2020	0,917	0,378	0,995	1,623	0,105					
rang et al., 2020a	0,154	0,039	0,451	-2,218	0,027					
rang et al., 2020b	0,571	0,230	0,856	0,377	0,706					_
Yu et al., 2020	0,857	0,419	0,950	1,659	0.097					
Zeng et al., 2020b	0,242	0,126	0,415	-2,805	0,005					
Zhu et al., 2020	0,889	0,500	0,985	1,961	0,050					
	0,529	0,416	0,639	0,503	0,615					
		1000				-1,00	-0,50	0,00	0,50	1,00
							Favours A		Favours B	
							Favours A		Favours B	

							-				uared	
Numbe Model Studies		Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random	513 0,46° 529 0,416		0,485 0,503	0,628 0,615	100,536	28	0,000	72,149	0,897	0,463	0,215	0,947

# B: Cough

Study name		Statist	ics for ea	ch study				Event rate and 95% CI		
	vent	Lower	Upper limit	Z-Value	p-Value					
Breslin et al., 2020	0,442	0,302	0,591	-0,761	0,447	1	1	1	<u> </u>	
Juonsenso et al., 2020	0,833	0,194	0,990	1,039	0,299			-		
lao et al., 2020	0,100	0,014	0,467	-2,084	0,037					
then et al., 2020a	0,444	0,177	0,749	-0,333	0,739					
then et al., 2020b	0,695	0,606	0,771	4,117	0,000			~		-
then et al., 2020c	0,200	0,027	0,691	-1,240	0,215					
hen et al., 2020d	0,500	0,123	0,877	0,000	1,000					
errazzia et al., 2020	0,429	0,289	0,580	-0,923	0,356					
lovind et al., 2020	0,889	0,500	0,985	1,961	0,050			1		
antoushzadeh et al., 2020	0,950	0,525	0,997	2,029	0,042			1		
irshberg et al., 2020	0,800	0,309	0,973	1,240	0,215			1		+
Chan et al., 2020a	0,875	0,266	0,993	1,287	0,198			1	-	
han et al., 2020b	0,353	0,168	0,596	-1,194	0,232					
oumoutsea et al., 2020	0,833	0,194	0,990	1,039	0,299					
i et al., 2020a	0,029	0,002	0,336	-2,436	0,015			•		- CO
lao et al., 2020	0,300	0,100	0,624	-1,228	0,220					
lu et al., 2020a	0,600	0,348	0,808	0,769	0,442					-
lu et al., 2020b	0,263	0,114	0,498	-1,976	0,048				·	
lu et al., 2020c	0,667	0,154	0,957	0,566	0,571					
u et al., 2020d	0,154	0,039	0,451	-2,218	0,027					
liancheng et al., 2020	0,250	0,124	0,439	-2,517	0,012				+	
/u et al., 2020a	0,056	0,003	0,505	-1,947	0,052					
Vu et al., 2020b	0,261	0,122	0,472	-2,193	0,028					
u et al., 2020	0,400	0,100	0,800	-0,444	0,657					
ang et al., 2020b	0,143	0,020	0,581	-1,659	0,097					
'u et al., 2020	0,143	0,020	0,581	-1,659	0,097			I		
eng et al., 2020b	0,303	0,171	0,477	-2,199	0,028					
hu et al., 2020	0,444	0,177	0,749	-0,333	0,739					
	0,403	0,307	0,507	-1,824	0,068	1				
						-1,00	-0,50	0,00	0,50	1,00
							Favours A		Favours B	

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

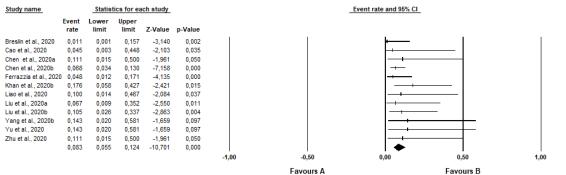
# C: Dyspnea/shortness of breath

Study name		Statist	ics for ea	ch study				Event rate and 95% CI		
	Event	Lower	Upper limit	Z-Value	p-Value					
Breslin et al., 2020	0,163	0,080	0,304	-3,964	0,000	1	E	·	-	1
Juonsenso et al., 2020	0,500	0,059	0,941	0,000	1,000					
then et al., 2020a	0,111	0,015	0,500	-1,961	0,050					
then et al., 2020b	0,068	0,034	0,130	-7,158	0,000					
hen et al., 2020c	0,083	0,005	0,622	-1,623	0,105					
hen et al., 2020d	0,500	0,123	0,877	0,000	1,000					
errazzia et al., 2020	0,190	0,098	0,337	-3,682	0,000					
lovind et al., 2020	0,444	0,177	0,749	-0,333	0,739					-
antoushzadeh et al., 20	20 0,667	0,333	0,889	0,980	0,327					
rshberg et al., 2020	0,800	0,309	0,973	1,240	0,215					
uusela et al., 2020	0,500	0,059	0,941	0,000	1,000					
han et al., 2020b	0,118	0,030	0,368	-2,677	0,007					
i et al., 2020a	0,029	0,002	0,336	-2,436	0,015			•	_	
iao et al., 2020	0,045	0,003	0,448	-2,103	0,035			+		
lu et al., 2020a	0,067	0,009	0,352	-2,550	0,011					
u et al., 2020d	0,231	0,076	0,522	-1,829	0,067					
liancheng et al., 2020	0,071	0,018	0,245	-3,495	0,000					
u et al., 2020	0,400	0,100	0,800	-0,444	0,657					
'u et al., 2020	0,143	0,020	0,581	-1,659	0,097					
	0,207	0,130	0,312	-4,755	0,000				-	
						-1,00	-0,50	0,00	0,50	1,00
							Favours A		Favours B	

Model		Eff	fect size	and 95% in	terval	Test of nu	ll (2-Tail)		Hetero	geneity			Tau-se	quared	
Model	Numb Studie		oint I mate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random		19 19	0,178 0,207	0,136 0,130	0,229 0,312	-9,435 -4,755	0,000 0,000	43,114	18	0,001	58,250	0,742	0,492	0,242	0,861
D: Tiredne	ss/fa	tigue	e/my	algia											
Study name		Statist	ics for e	ach study						Event r	ate and 95%	<u>cı</u>			
	Event rate	Lower limit	Upper limit	Z-Value	p-Value										
Breslin et al., 2020	0,256	0,148	0,405	-3,055	0,002	1		1					1		
Cao et al., 2020	0,100	0,014	0,467	-2,084	0,037								- 1		
Chen et al., 2020a	0,333	0,111	0,667	-0,980	0,327									_	
hen et al., 2020b	0,161	0,105	0,239	-6,590	0,000										
Chen et al., 2020c	0,083	0,005	0,622	-1,623	0,105								-		
hen et al., 2020d	0,500	0,123	0,877	0,000	1,000										-
errazzia et al., 2020	0,167	0,082	0,310	-3,887	0,000										
Sovind et al., 2020	0,556	0,251	0,823	0,333	0,739										
lantoushzadeh et al., 20	020 0,444	0,177	0,749	-0,333	0,739										
lirshberg et al., 2020	0,200	0,027	0,691	-1,240	0,215							+	_		
iao et al., 2020	0,100	0,014	0,467	-2,084	0,037								-		
iu et al., 2020a	0,267	0,104	0,533	-1,733	0,083										
iu et al., 2020d	0,231	0,076	0,522												
Diancheng et al., 2020	0,036	0,005	0,214								-+	_			
(u et al., 2020	0,083	0,005	0,622										_		
	0,211	0,168	0,263	-9,034	0,000							<b>•</b>			
						-1,00		-0,50			0,00		0,50		1,00
								Favours				_	avours B		

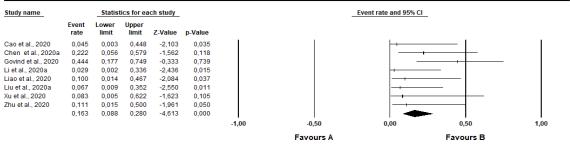
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Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random	15 15	0,211 0,223	0,168 0,162	0,263 0,298	-9,034 -6,254	0,000 0,000	19,773	14	0,137	29,198	0,148	0,202	0,041	0,385
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Model			Effect siz	e and 95%	interval	Test of nu	ıll (2-Tail)		Heter	ogeneity			Tau-se	quared	
Model	Num Stud		Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-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	0,0
Random		12	0,083	0,055	0,124	-10,701	0,000	0,202		0,000	0,000	0,000	0,200	0,000	

F: Sore throat	
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Model		Effect siz	e and 95%:	interval	Test of nu	ll (2-Tail)		Heter	ogeneity			Tau-so	juared	
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random	8	0,163	0,088 0,070	0,280 0,276	-4,613 -4,283	0,000 0,000	8,954	7	0,256	21,826	0,296	0,730	0,534	0,544

# G: Chest tightness/pain

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Value         Statute         Tank           ed         7         6         3.100         0.212         6.68         0.000         2.214         6         0.000         0.000         0.000         0.222         0.014         0.000           Line         Line <thli< td=""><td>Indit         Studies         number instant         Inst         Zvada         Pvada         G vada         If (D)         Pvada         Stage         Event         Event<td>Model</td><td></td><td>Effect siz</td><td>ze and 95% int</td><td>terval</td><td>Test of nu</td><td>ıll (2-Tail)</td><td></td><td>Heterogeneity</td><td></td><td>T au-squared</td><td></td></td></thli<>	Indit         Studies         number instant         Inst         Zvada         Pvada         G vada         If (D)         Pvada         Stage         Event         Event <td>Model</td> <td></td> <td>Effect siz</td> <td>ze and 95% int</td> <td>terval</td> <td>Test of nu</td> <td>ıll (2-Tail)</td> <td></td> <td>Heterogeneity</td> <td></td> <td>T au-squared</td> <td></td>	Model		Effect siz	ze and 95% int	terval	Test of nu	ıll (2-Tail)		Heterogeneity		T au-squared		
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If Runny/congestion nose         Introduction noise         Introduction noise       Introduction noise       Introduction noise         Introduction noise       Introduction noise       Introduction noise         Introduction noise       Introduction noise       Introduction noise         Introduction noise       Introduction noise       Introduction noise         Introduction noise       Introduction noise       Introduction noise         Introduction noise <th colspan<="" td=""><td>Strumy/congestion nose:         Strumy/congestion nose:</td><td>∙ixed Random</td><td></td><td></td><td></td><td></td><td></td><td></td><td>2,614</td><td>6 0,856</td><td>0,000</td><td>0,000 0,272 0,074</td><td>0,000</td></th>	<td>Strumy/congestion nose:         Strumy/congestion nose:</td> <td>∙ixed Random</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2,614</td> <td>6 0,856</td> <td>0,000</td> <td>0,000 0,272 0,074</td> <td>0,000</td>	Strumy/congestion nose:	∙ixed Random							2,614	6 0,856	0,000	0,000 0,272 0,074	0,000
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$ \frac{1}{1000} = \frac{1}{1000} \left( \begin{array}{c} 0.000 \\ 0.007 \\ 0.017 \\ 0.070 \\ 0.027 \\ 0.070 \\ 0.027 \\ 0.070 \\ 0.222 \\ 0.070 \\ 0.222 \\ 0.070 \\ 0.222 \\ 0.070 \\ 0.222 \\ 0.070 \\ 0.222 \\ 0.070 \\ 0.222 \\ 0.070 \\ 0.222 \\ 0.070 \\ 0.222 \\ 0.070 \\ 0.027 \\ 0.020 \\ 0.020 \\ 0.020 \\ 0.020 \\ 0.020 \\ 0.020 \\ 0.020 \\ 0.020 \\ 0.020 \\ 0.020 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.000 \\ 0.0$	$ \frac{1}{1000} \frac{1}{1000} = \frac{1}{1000} \frac{1}{1000} = \frac{1}{1000} \frac{1}{10000} \frac{1}{1000} 1$	an et al., 2020	0,833	0,194 0	0,990 1,03	9 0,299								
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0.147       0.707       0.282       4.177       0.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	han et al., 2020b	0,118	0,030 0	0,368 -2,67	7 0,007						<u> </u>		
$-1.00   0.50   0.00   0.50   0.50   1.00   Farcurs A   Farcurs B$ $\frac{1}{100}   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00 $	-1.50   -0.50   0.00   0.50   0.50   1.00   Farcurs A   Farcurs B	u et al., 2020b											I	
India     Encode     Tende of the constraints     Tende of the	Farry Farr		0,147	0,070 0		. 3,000	-1,0	0	-0,50	)	0,00	0,50	1,00	
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	Number         Petitisk         Immer         Upper         Z-value         P-value         0-value         of (1)         P-value         1-sequend         Tage of Standard         Valence         Tage           edm         6         0.157         0.003         0.232         4.177         0.000         6.64         5         0.232         27.049         0.411         0.955         0.932         0.641           HeadCache         Experime         Statistics for each study         Event rate and 95% CI         Event rate and 9								Favour	s A		Favours B		
	Number         Petitisk         Immer         Upper         Z-value         P-value         0-value         of (1)         P-value         1-sequend         Tage of Standard         Valence         Tage           edm         6         0.157         0.003         0.232         4.177         0.000         6.64         5         0.232         27.049         0.411         0.955         0.932         0.641           HeadCache         Experime         Statistics for each study         Event rate and 95% CI         Event rate and 9				1058							<del>.</del>		
Value         Studie         existing         Imit         Z value         P value         Q value         Q (Q)         P value         Stude         Error         Low         Low         Low           eved         6         0.147         0.070         0.321         4.177         0.000         5.854         5         0.222         27.949         0.411         0.555         0.532         0.541           : HeadLache         Event rate and 55% (1         Event	odd         Studies         exitiant         Init         Init         Init         Value         Prake         Under a (10)         Prake         Squared         Error         Value         Tau           ed         5         0.157         0.070         0.232         4.177         0.000         6.694         5         0.232         27.049         0.411         0.985         0.332         0.641           Headache           Entitation for each study         Event colspan="4">Covert cate and 95% CL           Ferret         Source         Date	10del		Effect size a	and 35% interv	al le	st of null (2-	aiij	Hete	erogeneity		l au-squared		
andom       6       0.15       0.04       0.31       0.35       0.01 <b>: Headache</b> Lady name       Ferent rate and 95% CI         Frent rate       Frent rate and 95% CI       Frent rate and 95% CI         Frent rate, 20200       0.060       0.022       0.031       -2.49       0.021       0.001         Favours A       Ferent rate and 95% CI         Free rate, 2020       0.060       CI         0.062       0.021       Ferent rate and 95% CI         Favours A       Favours B         Favours A       Favours B         Statistics for each study       Text of null [2-Tai]       Heterogeneity       Tau-squared         Statistics for each study       Effect size and 95% interval       Text of null [2-Tai]       Heterogeneity       Tau-squared         Tau       Statistics for each study         Tau       Colspan="4">Statistics for each study         Let or null [2-Tai]       Heterogeneity       Tau-squared         Tau	min       6       0.37       0.081       0.31       3.251       0.001         Headacha         Lay mane       Event rate and 9% C1         Fast       Fast <th< td=""><td>lodel</td><td>Number Studies</td><td>Point L estimate</td><td></td><td>er it Z-</td><td>value P-va</td><td>alue Q</td><td>)-value df (Q)</td><td>P-value I-squar</td><td>Tau ed Square</td><td>Standard ed Error Variance Tau</td><td></td></th<>	lodel	Number Studies	Point L estimate		er it Z-	value P-va	alue Q	)-value df (Q)	P-value I-squar	Tau ed Square	Standard ed Error Variance Tau		
Production:         Interview       Upper         Vertical constraints	Production:         Structure for each struct       Structure for each struct       Structure for each struct       Structure for each	Fixed							6,854	5 0,232 27,	049 0,4	411 0,965 0,932 0,641		
Intry name         Statistics for each study.         Ivent rate and 95% CI.           First         Convert         Upper 1013         -7.65         0.000         1.00         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000	Ling         Statistics for each study.         Levent rate and 95% CL           esch et al. 2020         0.056         0.026         0.236         0.236         0.236         0.236         0.236         0.236         0.236         0.237         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0	Random	1	6 0,155	0,064 0	),331	-3,351	0,001						
Intry name         Statistics for each study.         Ivent rate and 95% CI.           First         Convert         Upper 1013         -7.65         0.000         1.00         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000	Ling         Statistics for each study.         Levent rate and 95% CL           esch et al. 2020         0.056         0.026         0.236         0.236         0.236         0.236         0.236         0.236         0.236         0.237         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0	· Headacl	he											
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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Study name	S	tatistics for ea	ach study					Event rat	e and 95% CI			
Inst         Windt         Windt         Windt         Z-Value         P-Value           here stal. 2020         0.050         0.029         0.030         -3.76         0.000         1.00           here stal. 2020         0.000         0.027         0.691         -7.692         0.000         1.00           windter get al. 2020         0.020         0.027         0.691         -1.240         0.215         -1.00         0.00         0.60         1.00           Favours A         Favours A         Favours B         Favours	$ \frac{1}{100} = 1$													
Interest at, 2020 b, 0.505       0.225 b, 0.707       0.000 b, 0.501       0.215 b, 0.702       0.000 b, 0.501       0.000 b, 0.50       0.000 b, 0.50       1.00         Inside rest at, 2020 b, 0.507       0.002 b, 0.507       0.001 b, 0.50       0.000 b, 0.50       0.50       0.50       0.50       0.50       1.00         Favours A       Favours B         Tou-squared         Tou-squared         Studies       Tou-squared         Studies       Tou-squared         Studies       Tou-squared         Studies       Studies       Tou-squared         Studies       Tou-squared         Studies       Tou-squared         Studies       Tou-squared         Studies       Tou-squared         Studies       Studies       Studies       Studies         Studies       Studies       Studies       Studies         Studies       Studies       Studies       Studies       Studies       Studies <td>en et al., 2020 0.059 0.129 0.170 0.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 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<td>-Value</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	en et al., 2020 0.059 0.129 0.170 0.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 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Z-Value p	-Value								
hen et al. 2020a 0.500 0.123 0.67 0.691 1.100 ranber et al. 2020 0.000 0.02 0.366 -2.954 0.003 -1.00 0.50 0.00 0.00 0.50 1.00 Favours A Favours B del Effect size and 952 interval Test of null [2-Tail] Heterogeneity Tau-requared del Number Paint Immi Immi Zvalue P-value P-value 0.003 9.678 3 0.020 63.630 0.762 1.034 1.069 0.873 : Phlegm tury name Statistics for each study test a. 2020 0.059 0.069 0.000 1.33 -3.028 0.000 . 1.00 0.59 0.000 0.50 1.000 Favours A Favours B tury name Statistics for each study test a. 2020 0.059 0.069 0.300 -3.028 0.000 . 1.00 0.59 0.000 0.50 1.000 Favours A Favours B tury name Statistics for each study test a. 2020 0.059 0.069 0.300 -3.028 0.000 . 1.00 0.59 0.000 0.50 1.00 Favours A Favours B tury name Statistics for each study test a. 2020 0.059 0.069 0.300 -3.028 0.000 . 1.00 0.59 0.000 0.50 1.00 Favours A Favours B tury name Statistics for each study test a. 2020 0.059 0.069 0.300 -3.028 0.000 . 1.00 0.50 0.50 0.50 0.50 1.00 Favours A Favours B tury name Statistics for each study test a. 2020 0.059 0.069 0.300 0.50 1.00 Favours A Favours B tury name Statistics for each study test a. 2020 0.059 0.069 0.300 0.50 1.00 Favours A Favours B tury name Statistics for each study test a. 2020 0.059 0.050 0.050 1.00 Favours A Favours B tury name Statistics for each study test a. 2020 0.059 0.050 0.050 1.00 Favours A Favours B tury name Statistics for each study test a. 2020 0.059 0.050 0.050 1.00 Favours A Favours B tury name Statistics for each study test a. 2020 0.059 0.050 0.050 1.00 Favours A Favours B tury name Statistics for each study Statistics	en et al., 2020d 0.500 0.123 0.677 0.000 1.000 sheer get al. 2020 0.20 0.027 0.691 -1.240 0.215 0.163 0.062 0.386 -2.954 0.003 -1.09 0.69 0.69 0.69 0.50 1.00 Favours A Favours B ded Effect size and 95% interval Test of null (2-Tail) Heterogeneity Tau-squared ded 0.163 0.062 0.386 7.452 0.003 3.878 3 0.020 63.50 0.762 1.04 1.069 0.873 ded 4 0.163 0.080 0.133 7.452 0.000 3.878 3 0.020 63.50 0.762 1.04 1.069 0.873 et al. 2020 0.027 0.091 -1.240 0.215 .1.00 0.550 0.000 0.75 1.094 1.069 0.873 .1.00 0.550 0.059 0.007 .et al. 2020 0.027 0.091 -1.240 0.215 .1.00 0.550 0.000 0.59 0.007 .et al. 2020 0.027 0.091 -1.240 0.215 .1.00 0.550 0.000 0.59 0.007 .et al. 2020 0.027 0.091 -1.240 0.215 .1.00 0.550 0.000 0.59 0.007 .et al. 2020 0.027 0.091 -1.240 0.215 .1.00 0.550 0.000 0.59 0.007 .et al. 2020 0.027 0.091 -1.240 0.215 .1.00 0.550 0.000 0.59 0.007 .et al. 2020 0.027 0.091 -1.240 0.215 .1.00 0.550 0.000 0.59 0.007 .et al. 2020 0.027 0.091 -1.240 0.215 .1.00 0.550 0.000 0.59 0.007 .et al. 2020 0.027 0.091 -1.240 0.215 .1.00 0.550 0.000 0.59 0.007 .et al. 2020 0.027 0.091 -1.240 0.215 .1.00 0.550 0.000 0.59 0.007 .et al. 2020 0.027 0.091 -1.240 0.215 .1.00 0.550 0.000 0.59 0.007 .et al. 2020 0.027 0.091 -1.240 0.215 .1.00 0.550 0.000 0.007 0.59 1.000 Favours A Favours B	Breslin et al., 2020										—		
insider g et al. 2020       0.207       0.691       -1.240       0.215         -1.09       -0.59       0.00       0.59       1.09         Favours A       Favours B         odel       Effect size and 952 interval       Test of null [2-Tail]       Heterogeneity       Fau-squared         odel       Number       Point       Lower       Upper       Zvalue       P-value       0.00       68.630       0.762       1.04       1.063       0.873         odel       Number       Point       Lower       Upper       Zvalue       P-value       0.000       9.878       3       0.020       68.630       0.762       1.034       1.063       0.873         ed wrdon       4       0.125       0.000       3.878       3       0.020       68.630       0.762       1.034       1.063       0.873         : Phlcgm        Lower       Vpper       zvalue       p.value       1.000       0.000       0.000       0.000       0.000       0.762       1.034       1.063       0.873         : Phlcgm	anberg et al. 2020       0.027       0.691       -1,240       0.215         -1,00       -0,60       0,00       0,50       0,00       0,50       1,00         Favours A         Favours A       Favours B         Ided       Tau squared         Mumber       Point       Upper         Studies: Point       Lower       Upper         Studies: Studies: for each study         Effect size and 95% interval       Test of null [2-Tail]       Heterogeneity       Tau squared         det       Number       Point       Lower       Upper         Studies: Store ach 95% colspan="4">Colspan= 4       0,000       9,978       3       0,000       0,021       0,021       1,00         Studies: for each study       Event rate and 95% col         Colspan= 4       0,027       0,000       0,020       0,000         Studies: for each study       Event rate and 95% col         Colspan= 4	Chen et al., 2020b												
0,163       0,062       0,366       -2,954       0,003       -1,00       -0,50       0,00       0,50       1,00         Favours A       Favours A         Favours A         Odel       Effect size and 95% interval       Test of null [2-Tail]       Heterogeneity       Tau-squared         odel       Number       Point       Lower       Upper       Z value       P-value       Q-value       df (Q)       P-value       I-squared       Standard       Variance       Tau         and       0,126       0,080       0,133       -7,432       0,000       9,578       3       0,020       69,530       0,762       1,034       0,6873         Entert Streaden Study       Event rate and 95% C1         Total 3,2020       0,020       0,027       0,691       -1,240       0,215       1,00       0,00       0,00       0,50       1,00         Favours A       Favours A         Favours A         Interval 1, 2020       0,000       0,027       0,691       -1,240       0,215       1,00       1,00       1,00       1,00       1,00       1,00       1,00 <td>0.183       0.082       0.386       -2.954       0.003       -1,00       0.050       0.00       0.50       1,00         Favours A         Favours A         Favours A         Colspan="4"&gt;Favours B         Idel       Effect size and 95% interval       Text of null (2-Tail)       Heterogeneity       Tau-squared         ded       Number       Point       Lower       Upper         Code       Tau-squared         Add       1.080       0.133       -7.492       0.000       9.878       3       0.0752       1.09         Add       A       0.108       0.080       0.175         Colspan="4"&gt;Effect size and 95% interval       Text of null (2-Tail)       Heterogeneity       Tau-squared         A       0.108       0.0873         Open       Statistics for each study         Forth trans for each study       Forth trans and 95% CI         Forent<!--</td--><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td>	0.183       0.082       0.386       -2.954       0.003       -1,00       0.050       0.00       0.50       1,00         Favours A         Favours A         Favours A         Colspan="4">Favours B         Idel       Effect size and 95% interval       Text of null (2-Tail)       Heterogeneity       Tau-squared         ded       Number       Point       Lower       Upper         Code       Tau-squared         Add       1.080       0.133       -7.492       0.000       9.878       3       0.0752       1.09         Add       A       0.108       0.080       0.175         Colspan="4">Effect size and 95% interval       Text of null (2-Tail)       Heterogeneity       Tau-squared         A       0.108       0.0873         Open       Statistics for each study         Forth trans for each study       Forth trans and 95% CI         Forent </td <td></td>													
-1,00     -0,50     0,00     0,50     1,00       Favours A       Gdel     Effect size and 952 interval     Text of null (2-Tail)     Heterogeneity     Tau-squared       odel     Number     Point     Lower     Upper     Z-value     P-value     Q-value     df (Q)     P-value     I-squared     Tau-squared       odel     Number     Point     Lower     Upper     Z-value     P-value     Q-value     df (Q)     P-value     I-squared     Squared     Standard     Variance     Tau       odel     4     0.125     0.080     0.133     -7.452     0.000     9.878     3     0.020     69.530     0.762     1.034     1.069     0.873       Etherstice for each study     Event rate and 95% CI       total name tail, 2020     0.020     0.023     0.022     0.236     0.215     1       total name tail, 2020     0.039     0.032     -2.950     0.007     0.050     0.00     0.96     1.00       Favours A       fatter size and 95% cI       tended     Effect size and 95% interval     Text of null (2-Tail)     Heterogeneity     Tau-squared       fatte of null (2-Tail)     Heterogeneity <t< td=""><td>-1,00     -0,50     0,00     0,60     1,00       Favours A       Favours A       Favours B       Idel     Tau-squared       Mumber     Point     Lower     Upper     Z-value     P-value     Q-value     df (Q)     P-value     I-squared     Squared     Standard     Variance     Tau       edd     4     0.126     0.080     0.133     -7.452     0.003     9.978     3     0.020     69.53     0.762     1.034     1.069     0.873       Ethect size and 95% CI       Event rate and 95% CI       frate     Lower     Upper    </td><td>hishberg et al., 2020</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td></t<>	-1,00     -0,50     0,00     0,60     1,00       Favours A       Favours A       Favours B       Idel     Tau-squared       Mumber     Point     Lower     Upper     Z-value     P-value     Q-value     df (Q)     P-value     I-squared     Squared     Standard     Variance     Tau       edd     4     0.126     0.080     0.133     -7.452     0.003     9.978     3     0.020     69.53     0.762     1.034     1.069     0.873       Ethect size and 95% CI       Event rate and 95% CI       frate     Lower     Upper	hishberg et al., 2020									-			
Favora A     Favora B       total     Effect size and 952; interval     Test of null [2-Tai]     Heterogeneity     requered     Square     Standard     Variance     Tau:       odel     Number     Reimin     Immin     Variance     Pavalue     Pavalue     of (0)     Pavalue     Pavalue     of (0)     Pavalue     Pavalue     Pavalue     of (0)     Pavalue     Pavalue     Pavalue     Pavalue     of (0)     Pavalue     of (0)     Pavalue     of (0)     Pavalue     of (0)	Farcurs A Farcurs B $del Flect size and 952 interval Farcura Ferrare For estimate from the first of null [2-Tai] from t$				-,									
odelEffect size and 95% intervalTest of null [2-Tail]HeterogeneityTau-squaredodelNumberPointLowerUpperZ-valueP-valueQ-valueof (Q)P-valueI-squaredStandardStandardVarianceTauedel40.1260.0800.193-7.4920.0009.87830.02069.6300.7621.0341.0630.873edom40.1630.0620.386-2.5940.0039.87830.02069.6300.7621.0341.0630.873: Phlegmtandy nameStatistics for each studyEvent rate and 95% CIhen et al., 202000.0270.691-1.2400.21511111110u et al., 202000.0270.691-1.2400.2151-1.00-0.500.000.501.001.00u et al., 202000.0270.691-1.2400.2151-1.00-0.500.000.501.00u et al., 202000.0270.691-1.2400.2151-1.00-0.500.000.501.00tan et al., 202000.0270.691-1.2400.2151-1.00-0.500.000.501.00tan et al., 202000.0270.691-1.2400.2151-1.00-0.500.000.001.00tan et al., 202010.1300.0420.338-3.0280.002	del         Effect size and 952 interval         Test of null (2-Tail)         Heterogeneity         Tau-squared           del         Number Studier         Point estimate         Lower immt         Upper immt         Z-value         P-value         Q-value         df (Q)         P-value         Squared         Standard Error         Variance         Tau           ed         4         0.126         0.080         0.133         -7.492         0.000         9.878         3         0.020         636.50         0.752         1.034         1.063         0.873           et ondom         4         0.163         0.082         0.366         -2.554         0.003         9.873         3         0.020         636.50         0.752         1.034         1.063         0.873           et ondom         Event rate         Lower         Upper         p-Value         p-Value         0.027         0.900         0.900         0.762         1.034         1.063         0.873           et at 1.2020         0.059         0.020         0.027         0.991         -1.400         0.215         -1.00         -0.50         0.00         0.50         1.00           Favours A         Favours A         Favours B         Favours B						-1,00		-0,50		0,00	0,50	1,00	
odelEffect size and 95% intervalTest of null [2-Tail]HeterogeneityTau-squaredodelNumberPointLowerUpperZ-valueP-valueQ-valueof (Q)P-valueI-squaredStandardStandardVarianceTauedel40.1260.0800.193-7.4920.0009.87830.02069.6300.7621.0341.0630.873edom40.1630.0620.386-2.5940.0039.87830.02069.6300.7621.0341.0630.873: Phlegmtandy nameStatistics for each studyEvent rate and 95% CIhen et al., 202000.0270.691-1.2400.21511111110u et al., 202000.0270.691-1.2400.2151-1.00-0.500.000.501.001.00u et al., 202000.0270.691-1.2400.2151-1.00-0.500.000.501.00u et al., 202000.0270.691-1.2400.2151-1.00-0.500.000.501.00tan et al., 202000.0270.691-1.2400.2151-1.00-0.500.000.501.00tan et al., 202000.0270.691-1.2400.2151-1.00-0.500.000.001.00tan et al., 202010.1300.0420.338-3.0280.002	del         Effect size and 952 interval         Test of null (2-Tail)         Heterogeneity         Tau-squared           del         Number Studier         Point estimate         Lower immt         Upper immt         Z-value         P-value         Q-value         df (Q)         P-value         Squared         Standard Error         Variance         Tau           ed         4         0.126         0.080         0.133         -7.492         0.000         9.878         3         0.020         636.50         0.752         1.034         1.063         0.873           et ondom         4         0.163         0.082         0.366         -2.554         0.003         9.873         3         0.020         636.50         0.752         1.034         1.063         0.873           et ondom         Event rate         Lower         Upper         p-Value         p-Value         0.027         0.900         0.900         0.762         1.034         1.063         0.873           et at 1.2020         0.059         0.020         0.027         0.991         -1.400         0.215         -1.00         -0.50         0.00         0.50         1.00           Favours A         Favours A         Favours B         Favours B								Favours A			Favours B		
Number         Point         Lower         Upper         Z-value         P-value         Q-value         df (Q)         P-value         I-squared         Tau         Squared         Error         Variance         Tau           wed         4         0.126         0.080         0.133         7.492         0.000         9.878         3         0.020         69.630         0.762         1.034         1.063         0.873           ediandom         4         0.126         0.080         0.133         7.492         0.000         9.878         3         0.020         69.630         0.762         1.034         1.063         0.873           Etheremental, 2020         5.200         0.021	Number       Point       Lower       Upper       Z-value       P-value       Q-value       df (Q)       P-value       I-squared       Tau       Squared       Error       Variance       Tau         ed       4       0.126       0.080       0.133       -7.452       0.000       9.878       3       0.020       69.630       0.762       1.034       1.063       0.873         ed       4       0.163       0.062       0.366       -2.954       0.003       9.878       3       0.020       69.630       0.762       1.034       1.063       0.873         et       106m       4       0.163       0.062       0.366       -2.954       0.003       9.878       3       0.020       69.630       0.762       1.034       1.063       0.873         et       1060       1.240       0.215       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -													
Number         Point         Lower         Upper         Z-value         P-value         Q-value         df (Q)         P-value         I-squared         Tau         Squared         Error         Variance         Tau           wed         4         0.126         0.080         0.133         7.492         0.000         9.878         3         0.020         69.630         0.762         1.034         1.063         0.873           ediandom         4         0.126         0.080         0.133         7.492         0.000         9.878         3         0.020         69.630         0.762         1.034         1.063         0.873           Etheremental, 2020         5.200         0.021	Number       Point       Lower       Upper       Z-value       P-value       Q-value       df (Q)       P-value       I-squared       Tau       Squared       Error       Variance       Tau         ed       4       0.126       0.080       0.133       -7.452       0.000       9.878       3       0.020       69.630       0.762       1.034       1.063       0.873         ed       4       0.163       0.062       0.366       -2.954       0.003       9.878       3       0.020       69.630       0.762       1.034       1.063       0.873         et       106m       4       0.163       0.062       0.366       -2.954       0.003       9.878       3       0.020       69.630       0.762       1.034       1.063       0.873         et       1060       1.240       0.215       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -													
odel         Studies         estimate         limit         limit         Z-value         P-value         Q-value         of (Q)         P-value         I-squared         Squared         Error         Variance         Tau           red         4         0.126         0.080         0.133         -7.492         0.000         3.878         3         0.020         63.630         0.762         1.034         1.069         0.873           Event colspan="4">Statistics for each study         Event rate and 95% C1           Event rate         Convert         Upper         z.value         p-value	Idel         Studies         estimate         limit         Limit         Z-value         P-value         Off         P-value         Isquared         Squared         Error         Variance         Tau           ed         4         0,126         0.080         0,133         -7,492         0,000         9,878         3         0.020         69,630         0.762         1,034         1,069         0,873           code         Statistics for each study         Event rate and 95% C1         Event rate and 95% C1	odel 		Effect siz	e and 95% int	terval	Test of nu	ll (2-Tail) — —		Heterogeneity —		T au-squared		
andom       4       0.163       0.062       0.266       -2.954       0.003         : Phlogm         Event rate and 95% C1         tudy name       5       Statistics for each study       Event rate and 95% C1         tend at 1, 2020       0,009       0.027       0.691       -1,240       0,215         hen et al., 2020       0,009       0.020       0.027       0.691       -1,240       0,215         1 at al., 2020       0,009       0.022       0.691       -1,240       0,215       1       -1       -1       -1       -1       -1       -1       0,215       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -2       0,007       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       0       -2       -1       0       -2       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0 </td <td>Indem       4       0,163       0.062       0.366       -2,354       0,003         Phlegm       Event rate and 95% CL       Event rate and 95% CL       Event rate and 95% CL         Indem et al. 2020c       0,200       0,007       0,991       -1,240       0,215       0,007       0,00       0,50       1,00         Intent et al. 2020c       0,200       0.027       0.691       -1,240       0,215       0,007       0,00       0,50       1,00         Intent et al. 2020c       0,200       0.027       0.691       -1,240       0,215       1       1       1,00       0,050       0,00       0,50       1,00         Favours A       Favours A       Favours B         Total statics for estimate       Upper       Total of null [2-Tail]       Heterogeneity       Total squared       Tau squared         odel       Number       Point       Lower       Upper       Z-value       P-value       Q-value       df (Q)       P-value       Squared       Squared</td> <td>odel</td> <td></td> <td></td> <td>Lower l limit</td> <td>Upper limit</td> <td>Z-value</td> <td>P-value</td> <td>Q-value</td> <td>df (Q) P-value</td> <td>I-squared</td> <td>Tau Standard Squared Error Variance</td> <td>Tau</td>	Indem       4       0,163       0.062       0.366       -2,354       0,003         Phlegm       Event rate and 95% CL       Event rate and 95% CL       Event rate and 95% CL         Indem et al. 2020c       0,200       0,007       0,991       -1,240       0,215       0,007       0,00       0,50       1,00         Intent et al. 2020c       0,200       0.027       0.691       -1,240       0,215       0,007       0,00       0,50       1,00         Intent et al. 2020c       0,200       0.027       0.691       -1,240       0,215       1       1       1,00       0,050       0,00       0,50       1,00         Favours A       Favours A       Favours B         Total statics for estimate       Upper       Total of null [2-Tail]       Heterogeneity       Total squared       Tau squared         odel       Number       Point       Lower       Upper       Z-value       P-value       Q-value       df (Q)       P-value       Squared	odel			Lower l limit	Upper limit	Z-value	P-value	Q-value	df (Q) P-value	I-squared	Tau Standard Squared Error Variance	Tau	
andom       4       0.163       0.062       0.266       -2.954       0.003         : Phlogm         Event rate and 95% C1         tudy name       5       Statistics for each study       Event rate and 95% C1         tend at 1, 2020       0,009       0.027       0.691       -1,240       0,215         hen et al., 2020       0,009       0.020       0.027       0.691       -1,240       0,215         1 at al., 2020       0,009       0.022       0.691       -1,240       0,215       1       -1       -1       -1       -1       -1       -1       0,215       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -2       0,007       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       -1       0       -2       -1       0       -2       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0 </td <td>Indem       4       0,163       0.062       0.366       -2,354       0,003         Phlegm       Event rate and 95% CL       Event rate and 95% CL       Event rate and 95% CL         Indem et al. 2020c       0,200       0,007       0,991       -1,240       0,215       0,007       0,00       0,50       1,00         Intent et al. 2020c       0,200       0.027       0.691       -1,240       0,215       0,007       0,00       0,50       1,00         Intent et al. 2020c       0,200       0.027       0.691       -1,240       0,215       1       1       1,00       0,050       0,00       0,50       1,00         Favours A       Favours A       Favours B         Total statics for estimate       Upper       Total of null [2-Tail]       Heterogeneity       Total squared       Tau squared         odel       Number       Point       Lower       Upper       Z-value       P-value       Q-value       df (Q)       P-value       Squared       Squared</td> <td>ved</td> <td></td> <td><b>4</b> ∩120</td> <td>0.080</td> <td>0 192</td> <td>.7 /107</td> <td>0.000</td> <td>Q Q70</td> <td>3 0.00</td> <td>69.630</td> <td>0.762 1.03/ 1.020</td> <td><u>ρ 84</u>2</td>	Indem       4       0,163       0.062       0.366       -2,354       0,003         Phlegm       Event rate and 95% CL       Event rate and 95% CL       Event rate and 95% CL         Indem et al. 2020c       0,200       0,007       0,991       -1,240       0,215       0,007       0,00       0,50       1,00         Intent et al. 2020c       0,200       0.027       0.691       -1,240       0,215       0,007       0,00       0,50       1,00         Intent et al. 2020c       0,200       0.027       0.691       -1,240       0,215       1       1       1,00       0,050       0,00       0,50       1,00         Favours A       Favours A       Favours B         Total statics for estimate       Upper       Total of null [2-Tail]       Heterogeneity       Total squared       Tau squared         odel       Number       Point       Lower       Upper       Z-value       P-value       Q-value       df (Q)       P-value       Squared	ved		<b>4</b> ∩120	0.080	0 192	.7 /107	0.000	Q Q70	3 0.00	69.630	0.762 1.03/ 1.020	<u>ρ 84</u> 2	
Ludy name         Statistics for each study         Event rate and 95% CL           Frent limit         Ummer         Upper         -1,240         0,215           hen et al., 2020         0,027         0.691         -1,240         0,215           u et al., 2020         0,200         0,027         0.691         -1,240         0,215           u et al., 2020         0,200         0,027         0.691         -1,240         0,215           0,130         0,042         0,338         -3,028         0,002         -1,00         -0,50         0,000         0,50         1,00           Favours A         Favours B           Tode!         Tau-squared           Tau-squared         T	udy name         Statistics for each study         Event rate and 95% CL           Event frate         Lower         Upper           rate at al, 2020b         0,027         0,691         -1,240         0,215           an et al., 2020b         0,059         0,089         0,227         0,691         -1,240         0,215           an et al., 2020b         0,027         0,691         -1,240         0,215         Immit         -1,00         -0,50         0,00         0,50         1,00           -et al., 2020b         0,020         0,027         0,691         -1,240         0,215         Immit         -1,00         -0,50         0,00         0,50         1,00           -et al., 2020b         0,020         0,027         0,691         -1,240         0,215         Immit								5,070	5 0,020		0,102 1,004 1,000	3,013	
Ludy name         Statistics for each study         Event rate and 95% CL           Frent limit         Ummer         Upper         -1,240         0,215           hen et al., 2020         0,027         0.691         -1,240         0,215           u et al., 2020         0,200         0,027         0.691         -1,240         0,215           u et al., 2020         0,200         0,027         0.691         -1,240         0,215           0,130         0,042         0,338         -3,028         0,002         -1,00         -0,50         0,000         0,50         1,00           Favours A         Favours B           Tode!         Tau-squared           Tau-squared         T	udy name         Statistics for each study         Event rate and 95% CL           Event frate         Lower         Upper           rate at al, 2020b         0,027         0,691         -1,240         0,215           an et al., 2020b         0,059         0,089         0,227         0,691         -1,240         0,215           an et al., 2020b         0,027         0,691         -1,240         0,215         Immit         -1,00         -0,50         0,00         0,50         1,00           -et al., 2020b         0,020         0,027         0,691         -1,240         0,215         Immit         -1,00         -0,50         0,00         0,50         1,00           -et al., 2020b         0,020         0,027         0,691         -1,240         0,215         Immit			4 0,165										
Event hen et al., 2020       Lower ininit 0,059       Upper 0,008       Z-Value 0,215       p-Value 0,215         han et al., 2020       0,059       0,008       0,320       -2,690       0,007         0,130       0,042       0,338       -3,028       0,002       -1,00       -0,50       0,00       0,00       0,50       1,00         Favours A       Favours B         Tode!       Test of null [2-Tail)       Heterogeneity       Tau-squared         hondel       Number       Point       Lower       Upper       Z-value       P-value       Q-value       df (Q)       P-value       I-squared       Tau       Standard       Error       Variance       Tau         wed       3       0,130       0.042       0.338       -3.028       0.002       1,133       2       0.566       0.000       0.000       1,184       1,402       0.000	Event reted       Lowort limit       Upper limit       Z.Value p.Value 0.005       p.Value 0.007         ten et al., 2020       0.055       0.008       0.320       -2.690       0.007         0.200       0.027       0.691       -1.240       0.215         0.130       0.042       0.338       -3.028       0.002         Favours A       Favours B         Test of null [2-Tail]         Heterogeneity       Tau-squared         Studies       Point       Lower       Upper       Z-value       P-value       Or (Q)       P-value       Isquared       Tau       Studied       Tau       S	andom		4 0,163										
rate         limit         immit         Z-Value         p-Value           hen et al., 2020         0,027         0,691         -1,240         0,215           hen et al., 2020         0,020         0,027         0,691         -1,240         0,215           u et al., 2020         0,200         0,027         0,691         -1,240         0,215           0,130         0,042         0,338         -3,028         0,002         -1,00         -0,50         0,00         0,50         1,00           Favours A         Favours B	rate         limit         Z.Value         p-Value           hen et al., 2020b         0,007         0,691         -1,240         0,215           nen et al., 2020b         0,007         0,691         -1,240         0,215           net al., 2020b         0,002         0,691         -1,240         0,215           net al., 2020b         0,002         0,303         -3,028         0,000         0,50         1,00           Favours A         Favours B	: Phlegm												
han et al., 2020b       0,059       0,008       0,320       -2,690       0,007         u et al., 2020b       0,027       0,691       -1,240       0,215         0,130       0,042       0,338       -3,028       0,002         -1,00       -0,50       0,00       0,50       1,00         Favours A         Favours B         Tode!       Tau-squared         Number       Tau-squared         Studies       Point       Lower         Number       Studies       Tau-squared         Studies       Point       Lower       Upper       Z-value       P-value       I-squared       Squared       Standard       Yariance       Tau         Med       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	an et al., 2020b       0,059       0,008       0,320       -2,690       0,007         .et al., 2020       0,027       0,691       -1,240       0,215         0,130       0,042       0,338       -3,028       0,002         Favours A         Favours A         Favours B         Tau-squared         Tau-squared         Tau         Number       Fainder Studies         9 oint       Lower       Upper         Studies       9 0,002       0,02       1,139       2       0,56       0,000       1,104       1,402       0,000	endom Phlegm	_	Statistics for						Event r	ate and 95% C	<u> </u>		
u et al., 2020       0,027       0,691       -1,20       0,215         0,130       0,042       0,338       -3,028       0,002         -1,00       -0,50       0,00       0,50       1,00         Favours A         Favours B         Todel       Test of null (2-Tail)         Heterogeneity       Tau-squared         Number       Studies       Studies         Studies       Point       Lower       Q-value       G(Q)       P-value       Tau-squared         Number       Studies       Tau-squared         Studies       Studies       Studies       Tau-squared         Studies       Studies       Studies       Studies         3       0,002       1,13       2       0,566       0,000       0,000	et al. 2020       0.027       0.691       -1.240       0.215         0,130       0.042       0.338       -3.028       0.002         -1,00       -0,50       0,00       0,50       1,00         Favours A       Favours B         Tau-squared         Odel       Tau-squared         Number       Point       Lower       Upper       Z-value       P-value       df (Q)       P-value       I-squared       Tau-squared	: Phlegm	Event Lo	Statistics for	r	p-Value				_ Event r	ate and 95% C	<u>1</u>		
0,130       0,042       0,338       -3,028       0,002       -1,00       -0,50       0,00       0,50       1,00         Favours A         Favours A         Favours B         Todel       Filtect size and 95% interval       Test of null (2-Tail)       Heterogeneity       Tau-squared         Tau-squared         Studies       Point       Lower       Q-value       df (Q)       P-value       Tau-squared         Number       Point       Lower       Q-value       df (Q)       P-value       Squared       Standard         Med       3       0.002       1.139       Q       0.566       0.000       0.000	0,130       0,042       0,338       -3,028       0,002       -1,00       -0,50       0,00       0,50       1,00         Favours A       Favours B         Tau-squared         odel       Effect size and 95% interval       Test of null (2-Tail)       Heterogeneity       Tau-squared         odel       Number       Point       Lower       Upper       Z-value       P-value       df (Q)       P-value       I-squared       Tau       Standard       Variance       Tau         ed       3       0,130       0.042       0,338       -3.028       0.002       1,139       2       0.566       0.000       1.184       1.402       0.000	andom Phlegm itudy name Chen et al., 2020c	Event Lo rate I 0,200	Statistics for ower Upper limit limit 0,027 0,69	r t <b>Z-Value</b> 91 -1,240	0,215	I		I	_Event r	ate and 95% C	<u> </u>	Ι	
-1,00         -0,50         0,00         0,50         1,00           Favours A         Favours B           Indel         Effect size and 95% interval         Test of null [2-Tail]         Heterogeneity         Tau-squared           Indel         Point         Lower         Upper         Z-value         P-value         df (0)         P-value         I-squared         Standard         Error         Variance         Tau           wed         3         0.130         0.042         0.338         -3.028         0.002         1.133         2         0.566         0.000         1.184         1.402         0.000	-1,00     -0,50     0,00     0,50     1,00       Favours A     Favours B       odel     Effect size and 95% interval     Test of null [2-Tail]     Heterogeneity     Tau-squared       odel     Number     Point     Lower     Upper     Z-value     Q-value     of (Q)     P-value     I-squared     Tau       ed     3     0.130     0.042     0.338     -3.028     0.002     1.139     2     0.565     0.000     1.184     1.402     0.000	tudy name	Event Lo rate 1 0,200 0,059	Statistics for ower Upper limit limit 0,027 0,69 0,008 0,32	r Z-Value 91 -1,240 20 -2,690	0,215 0,007				<u>Event r</u>	ate and 95% C	<u> </u>		
Favours A         Favours B           Indel         Effect size and 95% interval         Test of null [2-Tail]         Heterogeneity         Tau-squared           Indel         Effect size and 95% interval         Test of null [2-Tail]         Heterogeneity         Tau-squared           Indel         Number Studies         Point         Lower         Upper         Z-value         P-value         I -squared         Squared         Standard         Variance         Tau           wed         3         0.130         0.042         0.338         -3.028         0.002         1.133         2         0.566         0.000         1.184         1.402         0.000	Favours A         Favours B           odel         Effect size and 95% interval         Test of null [2-Tail]         Heterogeneity         Tau-squared           odel         Number Studies         Point estimate         Lower limit         Upper Z-value         P-value         Of (Q)         P-value         Favours B           ed         3         0.130         0.042         0.338         -3.028         0.002         1.139         2         0.565         0.000         1.184         1.402         0.000	tady name	Event Lo rate I 0,200 0,059 0,200	Statistics for           ower         Upper           limit         limit           0,027         0,69           0,008         0,32           0,027         0,69	r Z-Value 91 -1,240 20 -2,690 91 -1,240	0,215 0,007 0,215				_ Event r	ate and 95% C			
Indel     Effect size and 95% interval     Test of null (2-Tail)     Heterogeneity     Tau-squared       Indel     Number     Point     Lower     Upper     Z-value     Q-value     If (Q)     P-value     I-squared     Standard     Error     Yariance     Tau       xed     3     0.130     0.042     0.338     -3.028     0.002     1.133     2     0.566     0.000     0.000     1.184     1.402     0.000	odel     Effect size and 95% interval     Test of null (2-Tail)     Heterogeneity     Tau-squared       odel     Number     Point     Lower     Upper     Z-value     Q-value     df (Q)     P-value     I-squared     Squared     Squared     Fror     Variance     Tau       eed     3     0.130     0.042     0.338     -3.028     0.002     1.139     2     0.566     0.000     1.184     1.402     0.000	tady name	Event Lo rate I 0,200 0,059 0,200	Statistics for           ower         Upper           limit         limit           0,027         0,69           0,008         0,32           0,027         0,69	r Z-Value 91 -1,240 20 -2,690 91 -1,240	0,215 0,007 0,215				_Event r				
Indel     Effect size and 95% interval     Test of null (2-Tail)     Heterogeneity     Tau-squared       Indel     Number     Point     Lower     Upper     Z-value     Q-value     If (Q)     P-value     I-squared     Standard     Error     Yariance     Tau       xed     3     0.130     0.042     0.338     -3.028     0.002     1.133     2     0.566     0.000     0.000     1.184     1.402     0.000	odel     Effect size and 95% interval     Test of null (2-Tail)     Heterogeneity     Tau-squared       odel     Number     Point     Lower     Upper     Z-value     Q-value     df (Q)     P-value     I-squared     Squared     Squared     Fror     Variance     Tau       eed     3     0.130     0.042     0.338     -3.028     0.002     1.139     2     0.566     0.000     1.184     1.402     0.000	tady name	Event Lo rate I 0,200 0,059 0,200	Statistics for           ower         Upper           limit         limit           0,027         0,69           0,008         0,32           0,027         0,69	r Z-Value 91 -1,240 20 -2,690 91 -1,240	0,215 0,007 0,215	-1,00		-0,50	_Event r			1,00	
Number         Point         Lower         Upper           Studies         estimate         limit         Z-value         P-value         Q-value         Isquared         Tau         Standard           wed         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	Number         Point         Lower         Upper           odel         Studies         estimate         limit         Z-value         P-value         Q-value         of (Q)         P-value         I-squared         Squared         Squared         Error         Variance         Tau           red         3         0.130         0.042         0.338         -3.028         0.002         1.139         2         0.566         0.000         1.184         1.402         0.000	tudy name	Event Lo rate I 0,200 0,059 0,200	Statistics for           ower         Upper           limit         limit           0,027         0,69           0,008         0,32           0,027         0,69	r Z-Value 91 -1,240 20 -2,690 91 -1,240	0,215 0,007 0,215	-1,00					0,50	1,00	
Number         Point         Lower         Upper           Studies         estimate         limit         Z-value         P-value         df (Q)         P-value         Isquared         Squared         Error         Variance         Tau           ixed         3         0.130         0.042         0.338         -3.028         0.002         1,139         2         0.566         0.000         1,184         1,402         0.000	Number         Point         Lower         Upper           odel         Studies         estimate         limit         Z-value         P-value         Q-value         of (Q)         P-value         I-squared         Squared         Squared         Error         Variance         Tau           red         3         0.130         0.042         0.338         -3.028         0.002         1.139         2         0.566         0.000         1.184         1.402         0.000	tudy name	Event Lo rate I 0,200 0,059 0,200	Statistics for           ower         Upper           limit         limit           0,027         0,69           0,008         0,32           0,027         0,69	r Z-Value 91 -1,240 20 -2,690 91 -1,240	0,215 0,007 0,215	-1,00					0,50	1,00	
lodel Studies estimate limit limit Z-value P-value Q-value df(Q) P-value I-squared Squared Error Variance Tau wed 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	odel Studies estimate limit limit Z-value P-value Q-value d1(Q) P-value F-squared Squared Error Variance Tau xed 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	andom : Phlegm tudy name hen et al., 2020c han et al., 2020b	Event Lo rate I 0,200 0,059 0,200	Statistics for           ower         Upper           limit         limit           0,027         0,69           0,008         0,32           0,027         0,69	r Z-Value 91 -1,240 20 -2,690 91 -1,240	0,215 0,007 0,215	-1,00					0,50	1,00	
ixed 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	eed 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	ndom  Comparison	Event Lo rate I 0,200 0,059 0,200	Statistics for           ower         Upper           limit         0,027         0,69           0,008         0,32         0,027         0,69           0,027         0,69         0,042         0,33	r Z-Value 91 -1,240 20 -2,690 91 -1,240 38 -3,028	0,215 0,007 0,215 0,002				s A		0,50 Favours B	1,00	
		ndom  Cudy name tudy name tudy name tudy name tal., 2020c han et al., 2020b u et al., 2020	Event L rate l 0,200 0,200 0,130	Statistics for           ower         Upper           imit         limit           0,027         0,69           0,008         0,32           0,027         0,69           0,027         0,69           0,027         0,69           0,027         0,69           0,027         0,69           0,024         0,33           Effect si         r           r         Point	Z-Value 20 -2,690 21 -1,240 28 -3,028 ize and 95% in Lower	0,215 0,007 0,215 0,002	Test of n		Favours	Heterogeneity	0,00	0,50 Favours B Tau-squared		
amdom 3 0,130 0,042 0,338 -3,028 0,002	andom 3 0,130 0,042 0,338 -3,028 0,002	indom Phlegm	Event L rate l 0,200 0,200 0,130	Statistics for           ower         Upper           imit         limit           0,027         0,69           0,008         0,32           0,027         0,69           0,027         0,69           0,027         0,69           0,027         0,69           0,027         0,69           0,024         0,33           Effect si         r           r         Point	Z-Value 20 -2,690 21 -1,240 28 -3,028 ize and 95% in Lower	0,215 0,007 0,215 0,002	Test of n		Favours	Heterogeneity	0,00	0,50 Favours B Tau-squared		
		Indom I tady name tady nam	Event L rate l 0,200 0,200 0,130	Statistics for ower Upper imit limit 0,027 0,69 0,008 0,32 0,027 0,69 0,042 0,33 0,042 0,33 Effect si s Point estimate 3 0,130	r         Z-Value           21         -1,240           20         -2,690           91         -1,240           38         -3,028	0,215 0,007 0,215 0,002 terval	Test of n Z-value -3,028	P-value 0,002	Favours Q-value	: À Heterogeneity df (Q) P-value	0,00	0,50 Favours B Tau-squared Tau Standard Squared Error Variance	Tau	

3

#### K: Chills/shivering

Study name			stics for e	each study	-				-	Event rate	and 95% Cl	_		
	Event rate	Lowe		r	-				-					
Cao et al., 2020 Chen et al., 2020a Can et al., 2020	0,045 0,050 0,500 0,123	0,00 0,05	3 0,47 9 0,94	75 -2,029 11 0,000	0,042									
						-1,00		-0,50		0	,00	0,50		1,00
								Favours	s A			Favours B		
lodel		Eff	ect size an	d 95% interv	al Te	st of null (2-Ta	iŋ	Hete	rogeneity			T au-squared		
lodel	Numb Studie	er Po es estin		wer Upp mit limi	er t Z-	value P-val	Je Q-	value df (Q)	P-value	I-squared	Tau Squared	Standard Error Variance	Tau	
ixed Random		3 3	0,123 0,122	0,027 C	.416 .500	-2,366 0 -1,961 0	.018 .050	2,942	2 0,23	30 32,030	0,97	\$ 3,040 9,242	0,987	
L: Anosm	ia													
Study name		Stati	stics for e	each study	-					Event rate	and 95% CI			
Sovind et al., 2020	Event rate 0,778	Lower limit	Upper limit 1 0,94	Z-Value	p-Value 0,118	1		I			I			1
50000 GT 81., 2020	0,778													
						-1,00		-0,50		0	,00	0,50		1,00
								Favours	A			Favours B		
lodel			Effect siz	ze and 95%	interval	Test of r	ull (2-Tail)		Hete	erogeneity		T	au-squared	
lodel	Nu	mber Idies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-valu	e df (Q)	) Pusho	l-squared	Tau Stand Squared Erro	ard or Variance	Tau
louer	511	luies	esumate	mme	mme	Z-value	r-yaiue	Q-Yalu	ց ունք	j r-value	i-squareu	Squared Erro	n vanance	Tau
ixed Random		1 1	0,778 0,778	0,421 0,421	0,944 0,944	1,563 1,563			100	0 1,00	0 0,000	0,000 0	1,000 0,000	0,0
1: Lethar	gy													
tudy name		Statis	tics for e	ach study					_	Event rate	and 95% Cl			
	Event rate	Lower limit	Upper limit	Z-Value	p-Value									
ovind et al., 2020	0,667	0,333	0,889	0,980	0,327									
	0,667	0,333	0,889	0,980	0,327	I								Ι
						-1,00		-0,50		0,	00	0,50		1,00
								Favours	A			Favours B		
				1054		<b>.</b>	(0.T. '1)							
lodel				and 95% int		Test of null	(2-1 all) 		Heteroge	eneky		Tau-squ	areo	
lodel	Num Stud		Point stimate	Lower L limit	Jpper limit	Z-value I	<sup>o</sup> -value	Q-value	df (Q) F	<sup>2</sup> -value I-s	quared	Tau Standard Squared Error \	ariance Ta	u
ixed		1	0,667 0,667	0,333 0,333	0,889 0,889	0,980 0,980	0,327 0,327	0,000	0	1,000	0,000	0,000 0,000	0,000	0,000
distant.			0,001	0,000	0,000	0,000	0,021							
I: Asympt	toma	tic												
tudy name		Stati	stics for e	each study	_					Event ra	ite and 95% C	1		
	Event rate	Lower limit	Upper limit	Z-Value	p-Value									
hen et al., 2020b	0,051	0,023									+			
iu et al., 2020a /u et al., 2020a	0,133 0,875		0,983	3 1,820	0,069									
/u et al., 2020b	0,652 0,345													
						-1,00		-0,50	)		0,00	0,50		1,00
								Favou	rs A			Favours	З	
lodel 			Effect siz	e and 95% i	nterval	Test of n	الا (2-Tail)		Hete	rogeneity		Tau	ı-squared	
	N	nber	Point	Lower	Upper							Tau Standa	d	

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

#### women

# A: PCR (+)

tudy name		Statist	ics for ea	ach study			E	vent rate and 95%	CI	
	Event rate	Lower limit	Upper limit	Z-Value	p-Value					
reslin et al., 2020	0,989	0,843	0,999	3,140	0,002	1				
uonsenso et al., 2020	0,833	0,194	0,990	1,039	0,299			· · ·		
ao et al., 2020	0,955	0,552	0,997	2,103	0,035					-
hen et al., 2020a	0,950	0,525	0,997	2,029	0,042					
hen et al., 2020b	0,712	0,624	0,786	4,450	0,000				-	⊢ I
nen et al., 2020c	0,917	0,378	0,995	1,623	0,105					
nen et al., 2020d	0,900	0,326	0,994	1,474	0,140					
n et al., 2020	0,833	0,194	0,990	1,039	0,299					
mazzia et al., 2020	0,988	0,840	0,999	3,123	0,002					
ovind et al., 2020	0,950	0,525	0,997	2,029	0,042					
antoushzadeh et al., 202	200,950	0,525	0,997	2,029	0,042					
shberg et al., 2020	0,917	0,378	0,995	1,623	0,105					
usela et al., 2020	0,833	0,194	0,990	1,039	0,299			· · ·		
an et al., 2020a	0,875	0,266	0,993	1,287	0,198					
an et al., 2020b	0,972	0,678	0,998	2,479	0,013				- 1	
umoutsea et al., 2020	0,500	0,059	0,941	0,000	1,000					
et al., 2020a	0,971	0,664	0,998	2,436	0,015					
o et al., 2020	0,955	0,552	0,997	2,103	0,035					
et al., 2020a	0,969	0,650	0,998	2,390	0,017					
et al., 2020b	0,526	0,311	0,732	0,229	0,819				<b>_</b>	
et al., 2020c	0,875	0,266	0,993	1,287	0,198					
et al., 2020d	0,964	0,616	0,998	2,289	0,022					
et al., 2020a	0,750	0,377	0,937	1,346	0,178				_	
et al., 2020b	0,826	0,618	0,933	2,832	0,005					
et al., 2020	0,917	0,378	0,995	1,623	0,105					
ng et al., 2020a	0,964	0,616	0,998	2,289	0,022					
ng et al., 2020b	0,938	0,461	0,996	1,854	0,064					
et al., 2020	0,938	0,461	0,996	1,854	0,064					
ng et al., 2020a	0,929	0,423	0,996	1,748	0,081					
ng et al., 2020b	0,985	0,804	0,999	2,951	0,003					
u et al., 2020	0,950	0,525	0,997	2,029	0,042					
	0,800	0,750	0,842	9,424	0,000					♦
						-1,00	-0,50	0,00	0,50	1,0
							Favours A		Favours B	

Model		Effect siz	ze and 95%	interval	Test of nu	ıll (2-Tail)		Hetero	geneity			Tau-sq	uared	
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random	31 31		0,750 0,838	0,842 0,935	9,424 8,245	0,000 0,000	49,346	30	0,014	39,205	0,589	0,502	0,252	0,768

# B: Abnormal Chest X-ray (+)

Study name		Statisti	cs for ea	ch study				Event rate and 95% CI		
	Event rate	Lower limit	Upper limit	Z-Value	p-Value					
Govind et al., 2020	0,222	0,056	0,579	-1,562	0,118	1		+		
Juusela et al., 2020	0,833	0,194	0,990	1,039	0,299					<b></b>
Koumoutsea et al., 2020	0,500	0,059	0,941	0,000	1,000					
	0,374	0,146	0,675	-0,813	0,416					
						-1,00	-0,50	0,00	0,50	1,00
							Favours A		Favours B	

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

# C: Abnormal Chest CT (+)

udy name		Statist	ics for ea	ch study			Ev	ent rate and 95%	СІ
	Event rate	Lower limit	Upper limit	Z-Value	p-Value				
o et al., 2020	0,955	0,552	0,997	2,103	0,035				
en et al., 2020a	0,889	0,500	0,985	1,961	0,050				
en et al., 2020b	0,746	0,660	0,816	5,090	0,000				
en et al., 2020c	0,917	0,378	0,995	1,623	0,105				
en et al., 2020d	0,900	0,326	0,994	1,474	0,140				
n et al., 2020	0,833	0,194	0,990	1,039	0,299			<u> </u>	_
ntoushzadeh et al., 2	020 0,111	0,015	0,500	-1,961	0,050			_∎_	_
an et al., 2020b	0,972	0,678	0,998	2,479	0,013				
et al., 2020a	0,938	0,665	0,991	2,622	0,009				
io et al., 2020	0,955	0,552	0,997	2,103	0,035				
ı et al., 2020a	0,969	0,650	0,998	2,390	0,017				
ı et al., 2020b	0,975	0,702	0,998	2,558	0,011				
i et al., 2020c	0,875	0,266	0,993	1,287	0,198				
u et al., 2020a	0,750	0,377	0,937	1,346	0,178				
u et al., 2020b	0,979	0,741	0,999	2,694	0,007				
et al., 2020	0,917	0,378	0,995	1,623	0,105				
ing et al., 2020a	0,036	0,002	0,384	-2,289	0,022			<b></b>	
ing et al., 2020b	0,857	0,419	0,980	1,659	0,097				
ng et al., 2020a	0,929	0,423	0,996	1,748	0,081				
ng et al., 2020b	0,985	0,804	0,999	2,951	0,003				
u et al., 2020	0,950	0,525	0,997	2,029	0,042				
	0,876	0,774	0,936	5,287	0,000				
	,		,			-1,00	-0.50	0,00	

Favours A

Favours B

Model		Effect si	ze and 95%	interval	Test of nu	ll (2-Tail)		Hetero	geneity			Tau-so	quared	
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random	21 21		0,740 0,774	0,847 0,936	8,097 5,287	0,000 0,000	45,273	20	0,001	55,824	1,282	1,009	1,018	1,132

# D: Clinical findings

Study name		Statist	ics for ea	ch study				Event rate and 95% CI	-	
	Event rate	Lower limit	Upper limit	Z-Value	p-Value					
Breslin et al., 2020	0,326	0,203	0,477	-2,238	0,025	1	1	-	— <b>—</b> —	1
Liu et al., 2020b	0,474	0,268	0,689	-0,229	0,819					
Wu et al., 2020b	0,174	0,067	0,382	-2,832	0,005					
Zeng et al., 2020a	0,929	0,423	0,996	1,748	0,081					
	0,380	0,195	0,609	-1,029	0,303			-		
						-1,00	-0,50	0,00	0,50	1,00
							Favours A		Favours B	

Model					Test of nul	ll (2-Tail) — — ———		Hetero	geneity			Tau-so	juared	
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 Random	4	0,347 0,380	0,251 0,195	0,458 0,609	-2,675 -1,029	0,007 0,303	8,981	3	0,030	66,595	0,538	0,723	0,523	0,73

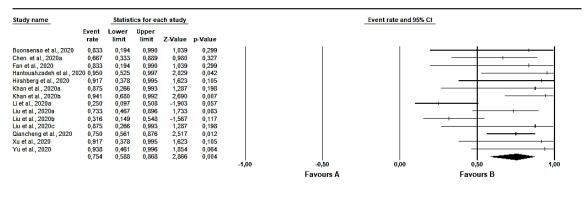
# Figure 3. Meta-analysis and forest plots for treatments of COVID-19 of pregnant women

# A: Antibiotics

Study name		Statist	ics for ea	ch study				Event rate and 95% CI	-	
	Event rate	Lower limit	Upper limit	Z-Value	p-Value					
Breslin et al., 2020	0,047	0,012	0,168	-4,171	0,000	1			1	1
Chen et al., 2020a	0,950	0,525	0,997	2,029	0,042					
Fan et al., 2020	0,833	0,194	0,990	1,039	0,299					
Hantoushzadeh et al., 20	20 0,950	0,525	0,997	2,029	0,042					
Juusela et al., 2020	0,833	0,194	0,990	1,039	0,299					
Khan et al., 2020a	0,875	0,266	0,993	1,287	0,198					
Khan et al., 2020b	0,972	0,678	0,998	2,479	0,013					
Li et al., 2020a	0,971	0,664	0,998	2,436	0,015					+
Liu et al., 2020a	0,969	0,650	0,998	2,390	0,017					+
Liu et al., 2020c	0,667	0,154	0,957	0,566	0,571			— —		
Qiancheng et al., 2020	0,857	0,676	0,945	3,318	0,001					
Wu et al., 2020a	0,944	0,495	0,997	1,947	0,052					
Ku et al., 2020	0,917	0,378	0,995	1,623	0,105					
Yang et al., 2020b	0,900	0,326	0,994	1,474	0,140					
r'u et al., 2020	0,938	0,461	0,996	1,854	0,064					
	0,874	0,682	0,957	3,236	0,001					
						-1,00	-0,50	0,00	0,50	1,00
							Favours A		Favours B	

Model		Effect siz	ze and 95%	interval	Test of nu	ll (2-Tail)		Hetero	geneity			Tau-so	juared	
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random	15 15		0,685 0,682	0,873 0,957	4,600 3,236	0,000 0,001	49,441	14	0,000	71,683	3,568	2,223	4,941	1,889

#### **B**: Antivirals



Model		Effect siz	e and 95%	interval	Test of nu	ll (2-Tail)		Hetero	geneity			Tau-so	juared	
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random	14 14		0,557 0,588	0,745 0,868	3,035 2,866	0,002 0,004	32,695	13	0,002	60,239	1,056	0,801	0,641	1,027

#### C: Hydroxychloroquine

Study name		Statist	ics for ea	ch study				Event rate and 95% CI		
	Event rate	Lower limit	Upper limit	Z-Value	p-Value					
Breslin et al., 2020	0,047	0,012	0,168	- <b>4</b> ,171	0,000	1	1	<b> →</b>	1	I
Buonsenso et al., 2020	0,833	0,194	0,990	1,039	0,299					
Hantoushzadeh et al. 2	20 0,667	0,333	0,889	0,980	0,327					
Hirshberg et al., 2020	0,917	0,378	0,995	1,623	0,105					
Juusela et al., 2020	0,500	0,059	0,941	0,000	1,000					I
	0,538	0,121	0,908	0,141	0,888					
						-1,00	-0,50	0,00	0,50	1,0
							Favours A		Favours B	

Model		Effect siz	e and 95%:	interval	Test of nul	ll (2-Tail)		Hetero	geneity			Tau-sq	uared	
Model	Number Studies	Point estimate	Lo <del>w</del> er limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random	5	0,379 0,538	0,207 0,121	0,589 0,908	-1,133 0,141	0,257 0,888	20,789	4	0,000	80,759	4,518	4,482	20,090	2,126

# D: Corticosteroids

r         r           Chen et al., 2020a         (i)           ian et al., 2020         (i)           i,iu et al., 2020c         (i)           Qiancheng et al., 2020         (i)           (u et al., 2020)         (i)           (2 u et al., 2020)         (i)	vent rate 0,050 0,833 0,667 0,143 0,600 0,111 0,309	Lower limit 0,003 0,194 0,154 0,055 0,200 0,015 0,110	Upper limit 0,475 0,990 0,957 0,324 0,900 0,500 0,618	-2,029 1,039 0,566 -3,318 0,444 -1,961	p-Value 0,042 0,299 0,571 0,001 0,657 0,050 0,220	-1,00		-0,50					0,50	+	
an et al., 2020 ( .iu et al., 2020c ( Ωiancheng et al., 2020 ( (u et al., 2020 ( /hu et al., 2020 (	0,833 0,667 0,143 0,600 0,111	0,194 0,154 0,055 0,200 0,015	0,990 0,957 0,324 0,900 0,500	1,039 0,566 -3,318 0,444 -1,961	0,299 0,571 0,001 0,657 0,050	-1,00		-0,50					0,50	• •	-
								Favours A	L .		*	Fa	vours B		1,00
odel			Effect size	e and 95%	interval	Test of nu	ll (2-Tail)		Hetero	geneity			Tau-se	quared	
odel	Num Stud		Point stimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
xed andom		6	0,250 0,309	0,138 0,110	0,411 0,618	-2,921 -1,227	0,003 0,220	12,031	5	0,034	58,442	1,412	1,632	2,664	1,188

# E: Chinese medicine (lianhua-qingwen)

Study name		Statis	tics for ea	ach study						E	vent rate and	95% CI				
	Event rate	Lower limit	Upper limit	Z-Value	p-Value											
Fan et al., 2020 Khan et al., 2020a Khan et al., 2020b Liu et al., 2020a Yu et al., 2020	0,833 0,667 0,882 0,933 0,938 0,879	0,194 0,154 0,632 0,648 0,461 0,737	0,957 0,970	1,039 0,566 2,677 2,550 1,854 4,085	0,299 0,571 0,007 0,011 0,064 0,000	-1,	00		0,50 ours A	,	0,00			,50 burs B	+	 + 1,00
Model		E	ffect size a	nd 95% inter	val Te	est of nu	ll (2-Tail)		Heter	ogeneity			Tau-s	quared		
Model	Numi Studi			ower Up imit lin	per nit Z-	value	P-value	Q-value	df (Q)	P-value	I-squared	Tau Squared	Standard Error	Variance	Tau	

# F: Intravenous immunoglobulin

0,108 0,108

2 2 0,041 0,041 0,255 0,255

-3,985 -3,985

Study name		Statisti	cs for ea	ch study				Event rate a	nd 95% Cl	
	Event rate	Lower limit	Upper limit	Z-Value	p-Value					
Hantoushzadeh et al., 2020 Qiancheng et al., 2020	0 0,111 0,107 0,108	0,015 0,035 0,041	0,500 0,284 0,255	-1,961 -3,470 -3,985	0,050 0,001 0,000	-1,00	-0,50 Favours A	0,00	0,50 Favours B	1,00
Model		E	ffect size	and 95%	interval	Test of null (2	-Tail) 	Heterogeneity	Tau-so	quared
Model	Numb Studi		'oint timate	Lower limit	Upper limit	Z-value P-v	value Q-value	df (Q) P-value	Tau Standard I-squared Sror	Variance Tau

0,000 0,000 0,001

1 0,973

# G: Anticoagulant

Fixed Random

Study name		Statist	ics for ea	ich study	_					Event r	ate and 95% (				
	Event rate	Lower limit	Upper limit	Z-Value	p-Value										
lantoushzadeh et al., 2020	0 0,889 0,889	0,500 0,500	0,985 0,985	1,961 1,961		-1,00		-0,50			0.00		0,50		1,00
								Favours	Α			F	avours B		
1odel		Eff	ect size a	nd 95% in	terval	Test of nu	ll (2-Tail)		Hetero	geneity			Tau-so	quared	
	Number Studies	- Poi	int Lu		terval Upper limit	Test of nu Z-value	II (2-Tail)  P-value	Q-value	Hetero  df (Q)		l-squared	Tau Squared	Tau-se 	quared Variance	Tau

0,000

0,000

0,000

1,059

1,123

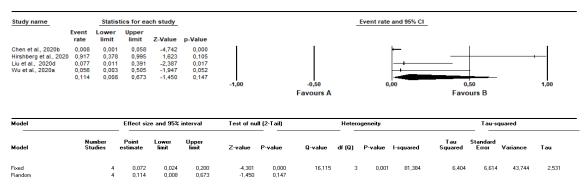
Study name		Statist	ics for ea	ch study					EVe	ent rate and 95% Cl	_			
	Event rate	Lower limit	Upper limit	Z-Value	p-Value									
Breslin et al., 2020	0,512	0,366	0,656	0,152	0,879							+		
Cao et al., 2020	0,955	0,552	0,997	2,103	0,035									
	0,771	0,161	0,983	0,829	0,407									-
						-1,00		-0,50		0,00	0	,50		1,00
							F	avours A			Favo	ours B		
Model		E	ffect size	and 95% in	terval	Test of null	l (2-Tail)		Heterogen	eity		Tau-so	quared	
	Num Stud	ber F			terval Upper limit			Q-value o		eity value I-squared	Tau Squared	Tau-so Standard Error	quared Variance	Tau
Model Model Fixed		ber F	Point	Lower	Upper			<b>Q-value</b> 4,107		-		Standard	-	Tau 1,8

# H: Outpatient treatment/monitoring by phone

# I: Oxygen support

tudy name		Statis	tics for ea	ch study					Ev	ent rate and 95% CI	-			
	Event rate	Lower limit	Upper limit	Z-Value	p-Value									
resiin et al., 2020 hen et al., 2020 errazzia et al., 2020 uusela et al., 2020 han et al., 2020 u et al., 2020 ang et al., 2020 u et al., 2020 u et al., 2020	0,023 0,950 0,167 0,833 0,667 0,875 0,917 0,500 0,938 0,631	0,003 0,525 0,082 0,194 0,154 0,266 0,378 0,461 0,268	0,997 0,310 0,990 0,957 0,993 0,995 0,877 0,996	-3,694 2,029 -3,887 1,039 0,566 1,287 1,623 0,000 1,854 0,682	0,000 0,042 0,000 0,299 0,571 0,198 0,105 1,000 0,064 0,495	-1,00		-0,50 Favours A		0,00	0,50			  1,00
Model			Effect	size and 95	5% interval	Test of n	ull (2-Tail)		Hetero	geneity		Tau-se	quared	
Model		Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value I-square	Tau d Squared	Standard Error	Variance	Ta
					18 0,480	-2,225	0.026	37.054	8	0.000 78.41	0 4.011	3.155	9.956	2

#### 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

Study name		Statist	ics for ea	ch study					Event rate and	95% CI			
	Event rate	Lower limit	Upper limit	Z-Value	p-Value								
Breslin et al., 2020 Iuusela et al., 2020		0,012 0,059	0,168 0,941	-4,171 0,000	0,000	1			-+_				
luusela et al., 2020	0,147	0,009	0,763	-1,177	0,239	-1,00		-0,50	0,00		0,50		1,00
								Favours A			Favours B		
Model			Effect size	and 95% in	terval	Test of nu	ll (2-Tail)	Favours A	neity		Tau-squared		
Model Model		mber			terval Upper limit		II (2-Tail) 	Heteroge	neity -value I-squared			a Tau	

B: Steroid

Study name		Stati	stics for	each study	_					EV	ent rate and	95% CI				
	Event rate	Lower limit	Upper limit		e p-Value											
Hirshberg et al., 202( Juusela et al., 2020	0 0,917 0,500 0,759	0,05	9 0,94	1 0,00	0 1,000	-1,00	I	-0,5 Favou			0,00 -		0,: Favo			1,00
Model			Effect siz	e and 95% i	nterval	Test of nu	ll (2-Tail)		Hetero	geneity			Tau-se	juared		
Model		mber idies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau	
Fixed Random		2	0,759	0,298	0,959	1,123	0,262	1,375	1	0,241	27,271	0,784	4,066	16,531	0,885	
C: MgSO	94	2	0,762	0,234	0,971	0,969	0,333									
C: MgSO	)4			0,234	0,971	0,969	0,333			Eve	nt rate and 9	5% CI_				
Study name					0,971 p-Value	0,969	0,333			Eve	nt rate and 9	5% CI				
Study name	Event	<u>Statist</u> Lower	tics for ea	ch study_		0,969   -1,00	0,333	_0,50 Favour		Eve	nt rate and 9	5% CI	0,5 Favou			_   1,00
Study name	Event rate 0,500	Statist Lower limit 0,059	tics for ea Upper limit 0,941 0,941	ich study Z-Value 0,000	<b>p-Value</b> 1,000 1,000	-1,00	0,333	,	s A	Eve	0,00	5% CI	Favou			 1,00
Study name E Juusela et al., 2020	Event rate 0,500 0,500	Statist Lower limit 0,059	tics for ea Upper limit 0,941 0,941	ich study Z-Value 0,000 0,000	<b>p-Value</b> 1,000 1,000	-1,00	<u>null (2-Tail)</u>	,	s A He	terogeneit	0,00	Ta	Favou T u Stane	rs B au-squared dard		

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

#### A: Asthma

Study nam	ne		Statisti	cs for ea	ch study			Even	t rate a	nd 95%	% CI	
		Event rate	Lower limit		Z-Value p	-Value						
Breslin et a Govind et a Hirshberg e Koumoutse	I., 2020	0,186 0,111 0,200 0,500 0,191	0,015 0,027 0,059	0,500 0,691 0,941	-3,766 -1,961 -1,240 0,000 -4,261	0,000 0,050 0,215 1,000 0,000	-1,00	-0,50	0,0		0,50	
								Favours A		F	avours	в
										-		
Model		Effect size and	1 95% interval	Test	of null (2-Tail)		Heterogenei	y		Tau-si	quared	
Model Model	Number	Effect size and  Point Lov stimate lim	ver Upper			Q-value		ly lue I-squared	Tau Squared	Tau-sı  Standard Error	quared Variance	Tau

# B: Diabetes mellitus

Study name		Statisti	cs for e	ach stud	У		Event	rate and 9	95% CI	
	Event rate	Lower limit	Upper limit	Z-Value	p-Value					
Breslin et al., 2020	0,070	0,023	0,195	-4,327	0,000	1	1	1 🛲 —	· 1	1
Hantoushzadeh et al., 2020	0,111	0,015	0,500	-1,961	0,050					
Hirshberg et al., 2020	0,200	0,027	0,691	-1,240	0,215					
	0,093	0,039	0,206	-4,813	0,000				-	
						-1,00	-0,50	0,00	0,50	1,00
							Favours A		Favours B	

Model			Effect siz	e and 95%	interval	Test of nu	II (2-Tail)		Heter	ogeneity			Tau-so	quared	
Model	Number Studies		Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random		3 3	0,093 0,093	0,039 0,039	0,206 0,206	-4,813 -4,813	0,000 0,000	0,943	2	0,624	0,000	0,000	0,826	0,682	0,000

# C: Hypothyroidism

Study name		or each study	Eve	nt rate and 95% Cl
Study name	Event Lower Upp	ber	Eve	
Hantoushzadeh et al., 2( Liu et al., 2020c Qiancheng et al., 2020 Mu et al., 2020b Yu et al., 2020	020 0,111 0,015 0, 0,333 0,043 0, 0,036 0,005 0, 0,087 0,022 0, 0,143 0,020 0,	itt         Z-Value         p-Value           500         -1,961         0,050           846         -0,566         0,571           214         -3,236         0,001           289         -3,177         0,001           581         -1,659         0,997           211         -4,962         0,000	-1,00 -0,50 Favours A	Favours B
lodel	Effect size and 95% interval	Test of null (2-Tail)	Heterogeneity	Tau-squared
Number Nodel Studies	Point Lower Upper estimate limit limit	Z-value P-value Q-value	df (Q) P-value I-squared	Tau Standard Squared Error Variance Tau
	5 0,102 0,046 0,211	-4,962 0,000 2,866 -4,962 0,000	4 0,580 0,000	0,000 0,706 0,499 0,000
D: Chronic hyp	ertension			
Study name	S <u>tatistics for e</u> Event Lower Upper	ach study	Event	rate and 95% Cl
Breslin et al., 2020 Hirshberg et al., 2020 Li et al., 2020a	0,070 0,023 0,195	Z-Value p-Value -4.327 0.000 0.444 0.657 -2.574 0.010 -1.765 0.078 -1	,00 -0,50 Favours A	0,00 0,50 1,00 Favours B
lodel	Effect size and 95% interval	Test of null (2-Tail)	Heterogeneity	T au-squared
odel Studies	Point Lower Upper estimate limit limit	Z-value P-value Q-value	df (Q) P-value I-squared	Tau Standard Squared Error Variance Tau
	3 0,146 0,070 0,279 3 0,184 0,042 0,541	-4,235 0,000 7,611 -1,765 0,078	2 0,022 73,722	1,559 2,145 4,603 1,248
Hantoushzadeh et al., 2 Hirshberg et al., 2020 Juusela et al., 2020 Koumoutsea et al., 2020	020 0,333 0,111 0 0,200 0,027 0 0,500 0,059 0 0 0,500 0,059 0	Der nit         Z-Value         p-Value           667         -0,980         0,327           691         -1,240         0,215           941         0,000         1,000           941         0,000         1,000           586         -1,280         0,201	-1,00 -0,50 Favours A	0,00 0,50 1,00 Favours B
odel	Effect size and 95% interval	Test of null (2-Tail)	Heterogeneity	T au-squared
Number Iodel Studies	Point Lower Upper estimate limit limit	Z-value P-value Q-value	df (Q) P-value I-squared	Tau Standard Squared Error Variance Tau
xed 4 andom 4		-1,280 0,201 0,860 -1,280 0,201	3 0,835 0,000	0,000 1,001 1,002 0,000
F: Heart diseas	e			
itudy name	Statistics for e	each study	Ever	nt rate and 95% Cl
	Event Lower Upper rate limit limit	Z-Value p-Value		
uusela et al., 2020 .iu et al., 2020a	0,833 0,194 0,99 0,067 0,009 0,35 0,338 0,008 0,97	0 1,039 0,299 2 -2,550 0,011	-1,00 -0,50 Favours A	0,00 0,50 1,00 Favours B
lodel	Effect size and 95% interval	Test of null (2-Tail)	Heterogeneity	Tau-squared
Number lodel Studies	Point Lower Upper estimate limit limit	Z-value P-value Q-value	df (Q) P-value I-squared	Tau Standard Squared Error Variance Tau
ixed landom	2 0,210 0,047 0,589 2 0,338 0,008 0,970	-1,543 0,123 5,200 -0,317 0,751	1 0,023 80,767	7,289 12,763 162,896 2,700

#### G: Hepatitis B Study name Statistics for each study Event rate and 95% CI Event Lower Upper rate limit limit Z-Valuep-Value 0,386 -2,574 0,010 Li et al., 2020a 0.125 0.031 Qiancheng et al., 20200,071 Wu et al., 2020b 0,087 0,018 0,245 -3,495 0,000 0.022 0.289 -3,177 0.001 0,092 0,042 0,190 -5,347 0,000 -1,00 -0,50 0,50 1,00 Favours A Favours B Effect size and 95% interval Test of null (2-Tail) Model Heterogeneity Tau-squared Number Point Lowe limit Uppe limit Tau Squared Standard Model Studies estimate Z-value P-value df (Q) P-value I-squared Error Variance Q-value Tau Fixed 0,092 0,042 0,190 -5.347 0,000 0.354 2 0,838 0,000 0,000 0,552 0,305 0.000 3 Bandom 3 0,092 0,042 0,190 -5.347 0.000 H: Polycystic ovary syndrome Study name Statistics for each study Event rate and 95% CI Event Lower Upper rate limit limit Z-Value p-Value Juusela et al., 2020 0.059 0.941 0.000 1 000 0.500 Li et al., 2020a Yu et al., 2020 -2.574 0,125 0,143 0.031 0,386 0.010 0,581 0,020 -1,659 0,097 0,169 0,063 0,383 -2,803 0,005 -1,00 -0,50 0,00 0,50 1,00 Favours A Favours B Model Effect size and 95% interval Test of null (2-Tail) Tau-squared Heterogeneity Number Studies Point estimate Upper Tau Squared Standard Error Lower limit Model Z-value P-value Variance df (Q) P-value I-squared Tau Q-value 0,063 -2,803 0,005 0,468 0,000 0,000 1,108 1,228 0,000 Fixed 0,169 0,383 1,521 2 3 Bandom 0.169 0.063 0.383 -2.803 0.005 I: Thalassemia Study name Statistics for each study Event rate and 95% Cl Event Lower Upper limit Z-Value p-Value limit rate Liu et al., 2020a 0,067 0,009 0,352 -2,550 0,011 0,067 0.009 0.352 -2.550 0.011 -1.00 -0.50 0.50 1.00 0.00 Favours A Favours B Model Effect size and 95% interval Test of null (2-Tail) Heterogeneity Tau-squared Number Studies Point estimate Lowe limit Uppe limit Tau Standard Model Z-value P-value Squared Q-value df (Q) P-value I-squared Error Variance Tau 1,000 0,000 0,000 0,000 0,000 0,000 Fixed 0,067 0,009 0,352 -2,550 0,011 0,000 Ω Bandom 0.067 0,009 0.352 -2 550 0.011 J: Cholecystitis Event rate and 95% Cl Study name Statistics for each study Event Lower Upper limit Z-Value p-Value rate limit Chen et al., 2020d 0,250 0,034 0,762 -0,951 0,341 0,250 0,034 0,762 -0,951 0,341 . -1,00 -0,50 0,00 . 0,50 1,00 Favours A Favours B Model Effect size and 95% interval Test of null (2-Tail) Heterogeneity Tau-squared Number Studies Point estimate Lower limit Uppe limit T au Squared Standard Error Model 7.value P-value df (Q) P-value I-squared Variance Tau O\_value Fixed 0.250 0.034 0.762 -0.951 0.341 0.000 n 1,000 0,000 0,000 0.000 0.000 0.000 Random 0,250 0,034 0,762 0,951 0,341

# K: Chronic kidney disease

Study name	e	5	Statist	ics for	each st	tudy			Eve	nt rate an	d 95% CI		
		Event rate	Lowe limit		ər t Z-Valı		lue						
Hirshberg et	t al., 2020		0,02	7 0,69	91 -1,24 91 -1,24	40 0,2	215 215	 1,00	-0,50	0,00	0.	50	1.00
								,	Favours A		Favo		.,
fodel		Effect siz	e and 95%	interval	Test of r	null (2-Tail)		Heteroger	neity		Tau-squared		
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df(Q) P-	value I-squared		tandard Error Varianc	e Tau	
Fixed	1		0,027		-1,240 -1,240		0,000	0	1,000 0,000	0,000	0,000 0,0	100 0,000	
L: Famil	ial neu												
	ial neu	troper Eve	nia st	atistics	s for eacl	h study	-		<u>E</u> \ 	vent rate a	ind 95% C	<u>l</u>	1
L: Famil Study name	ial neu	troper Eve rat	nia st ent Lo te I	atistics ower U imit	for eacl Ipper limit Z-	h study Value p	o-Value	-1,00	<u>Ev</u>   -0,50	vent rate a		<u>1</u> ,50	1,00
L: Famil Study name	ial neu	troper Eve rat	nia st ent Lo te I	atistics ower U imit 0,059	<mark>s for eac</mark> l Ipper Iimit <b>Z</b> - 0,941	h study Value p	<b>5-Value</b> 1,000	-1,00		0,0			 1,00
L: Famil Study name <oumoutsea< td=""><td>ial neu</td><td>Eve ra: 0 0,</td><td>nia st ent Lo te I</td><td>atistics ower U imit 0,059 0,059</td><td>s for eacl Jpper limit Z- 0,941 0,941</td><td>h study Value p</td><td><b>5-Value</b> 1,000</td><td>-1,00 Heterogen</td><td>-0,50 Favours</td><td>0,0</td><td></td><td>,50</td><td>1,00</td></oumoutsea<>	ial neu	Eve ra: 0 0,	nia st ent Lo te I	atistics ower U imit 0,059 0,059	s for eacl Jpper limit Z- 0,941 0,941	h study Value p	<b>5-Value</b> 1,000	-1,00 Heterogen	-0,50 Favours	0,0		,50	1,00
L: Famil Study name	ial neu	Eve ra: 0 0,	nia st nt Lo te I 500	atistics ower U imit 0,059 0,059	s for each Jpper limit Z- 0,941 0,941 0,941	h study Value p 0,000 0,000	<b></b>	Heterogen	-0,50 Favours	0,0 s A Tau St	0 0 Favo	,50 purs B	1,00

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

#### pregnant women

# A: Gestational diabetes mellitus

Study name		Statist	ics for ea	ich study				Event rate and 95% CI		
	Event rate	Lower limit	Upper limit	Z-Value	p-Value					
Breslin et al., 2020	0,023	0,003	0,147	-3,694	0,000	1	1		1	
Cao et al., 2020	0,100	0,014	0,467	-2,084	0,037					
Chen et al., 2020c	0,400	0,100	0,800	-0,444	0,657					-
Ferrazzia et al., 2020	0,143	0,066	0,283	-4,063	0,000				- 1	
Govind et al., 2020	0,222	0,056	0,579	-1,562	0,118			— ·		
Hantoushzadeh et al., 20	20 0,111	0,015	0,500	-1,961	0,050					
luusela et al., 2020	0,500	0,059	0,941	0,000	1,000					
Koumoutsea et al., 2020		0,059	0,941	0,000	1,000					
Lietal., 2020a	0,188	0,062	0,447	-2,289	0,022					
Liu et al., 2020a	0,067	0,009	0,352	-2,550	0,011			<b>-</b>		
Qiancheng et al., 2020	0,071	0,018	0,245	-3,495	0,000					
	0,145	0,095	0,215	-7,282	0,000		I		1	
						-1,00	-0,50	0,00	0,50	1,00
							Favours A		Favours B	
Model		Effe	ct size and	d 95% interv	al Te	st of null (2-Tail)	Heterogeneit	U	Tau-squared	

Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
Fixed	1	I 0,145	0,095	0,215	-7,282	0,000	11,920	10	0,290	16,108	0,134	0,375	0,141	0,366
Random	1	I 0,146	0,090	0,228	-6,351	0,000								

# B: Hypertension

0,094 0,092

6 6 0,047 0,041 0,180 0,194

Fixed Random

Study name		Statist	cs for ea	ch study				Event rate and 95% CI		
	Event rate	Lower limit	Upper limit	Z-Value	p-Value					
Breslin et al., 2020 Chen et al., 2020a Govind et al., 2020 Juusela et al., 2020 Qiancheng et al., 2020 Wu et al., 2020b	0,023 0,111 0,111 0,500 0,036 0,130 0,094	0,003 0,015 0,015 0,059 0,005 0,043 0,047	0,147 0,500 0,500 0,941 0,214 0,335 0,180	-1,961 0,000 -3,236 -3,064	0,000 0,050 1,000 0,001 0,002 0,000	-1,00	-0,50 Favours A	0,00	0,50 Favours B	1,00
Model		E	ffect size	and 95% int	erval	Test of null (2-Tail)	Heterogen	eity	Tau-squared	
Model	Nun Stur				Jpper limit	Z-value P-value	Q-value df (Q) P-v	Ta value I-squared Squa		u

6,122

5 0,294 18,332

0,212

0,735 0,540

0,461

0,000 0,000

-5,922 -5,225

#### C: Preeclampsia

C: Preeci	ampsia		
Study name	_ <u>Statistics for each study</u>	Event rate and 95% CI	
	Imit         Limit         Z-Value         p-Value           0.300         0.100         0.624         -1.226         0.220           0.111         0.015         0.500         -1.961         0.650           0.200         0.027         0.691         -1.240         0.215           0.500         0.059         0.941         0.000         1.000           0.633         0.099         0.335         -2.622         0.009           0.125         0.017         0.537         -1.820         0.069           0.286         0.072         0.673         -1.095         0.273           0.203         0.111         0.343         -3.749         0.000	-0,50 0,00 Favours A	0,50 1,00 Favours B
Model	Effect size and 95% interval Test of null (2-Tail)	Heterogeneity	T au-squared
	Number Point Lower Upper	Tau	Standard
Model	Studies estimate limit limit Z-value P-value	Q-value df (Q) P-value I-squared Squared	Error Variance Tau
Fixed Random	7 0,203 0,111 0,343 -3,749 0,00 7 0,203 0,111 0,343 -3,749 0,00		0,556 0,309 0,000
D: Choles	stasis		
Study name	Statistics for each study	Event rate and 95% CI	
Breslin et al., 2020	Event         Lower         Upper           rate         limit         limit         Z-Value         p-Value           0.023         0.003         0.147         -3.694         0.000         0.023           0.023         0.003         0.147         -3.694         0.000         -1,00	-0,50 0,00 Favours A	0,50 1,00 Favours B
Model	Effect size and 95% interval Test of nul	(2-Tail) Heterogeneity	Tau-squared
Model	Number Point Lower Upper Studies estimate limit limit Z-value		Tau Standard Squared Error Variance Tau
Fixed Random	1 0.023 0.003 0.147 -3.694 1 0.023 0.003 0.147 -3.694	0.000 0.000 0 1.000 0.000 0.000	0,000 0,000 0,000 0,000
E: Anaen	nia		
Study name	Statistics for each study	Event rate and 95% CI	
Cao et al., 2020 Chen et al., 2020d	Trate         limit         Limit         Z-Value         p-Value           0.100         0.0.14         0.467         -2.084         0.037         0.250         0.034         0.762         -0.951         0.341           0.155         0.034         0.762         -0.951         0.341         0.029         -1,00	-0,50 0,00 Favours A	0,50 1,00 Favours B
Model	Effect size and 95% interval Test of null (2-Tail)	Heterogeneity	T au-squared
Model	Number Point Lower Upper Studies estimate limit limit Z-value P-value	Q-value df (Q) P-value I-squared Squared	Standard Error Variance Tau
Fixed Random	2 0,155 0,038 0,457 -2,191 0,02 2 0,155 0,038 0,457 -2,181 0,02	9 0,494 1 0,482 0,000 0,000 9	1,728 2,988 0,000
F: Hypotl	nyroidism		
Study name	Statistics for each study	Event rate and 95% CI	
Cao et al., 2020	Event         Lower         Upper           rate         limit         limit         Z-Value         p-Value           0,100         0,014         0,467         -2,084         0,037                     0,100         0,014         0,467         -2,084         0,037                   -1,00	-0,50 0,00 Favours A	0,50 1,00 Favours B
Model	Effect size and 95% interval Test of null (2-Tail)	Heterogeneity	T au-squared
Model	Number Point Lower Upper Studies estimate limit limit Z-value P-value	Tau Q-value df(Q) P-value I-squared Squared	Standard Error Variance Tau
Fixed Random	1 0,100 0,014 0,467 -2.084 0,03 1 0,100 0,014 0,467 -2.084 0,03	37 0,000 0 1,000 0,000 0,000 37	0,000 0,000 0,000
G: Decrea	ase in foetal movement		
<u>Study name</u> Breslin et al., 2020 Chen et al., 2020d			0,50 1,00 Favours B
Model	Effect size and 95% interval Test of null (2-Tail)	Heterogeneity	T au-squared
Model	Number Point Lower Upper Studies estimate limit limit Z-value P-value	Tau Q-value df (Q) P-value I-squared Squared	Standard Error Variance Tau
Fixed Random	2 0.070 0.017 0.250 -3.405 0.00 2 0.078 0.006 0.527 -1.879 0.06	1 2,955 1 0,086 66,155 2,304 0	4,925 24,253 1,518

# H: Multiple pregnancies

Study name		Stati	stics for e	ach study				Event rate an	d 95% CI			
	Event rate	Lower limit	Upper limit	Z-Value	p-Value							
Chen et al., 2020b	0,017 0,017	0,004 0,004			0,000 0,000	-1,00	-0,50 Favours A	0,00	•	0,50 Favou		1,00
Model		E	ffect size a	nd 95% interv	al Test of	null (2-Tail)	Heteroge	eneity		Tau-squa	ared	
Model	Numb Studie	er F	oint La	nd 95% interv wer Upp mit lim	per			eneity P-value I-squared		tandard	ared ariance	Tau

#### I: Early membrane rupture

Study name		Statist	ics for ea	ch study				Event rate and 95% CI	_	
	Event rate	Lower limit	Upper limit	Z-Value	p-Value					
Cao et al., 2020	0,400	0,158	0,703	-0,628	0,530	1	1			1
Chen et al., 2020a	0,222	0,056	0,579	-1,562	0,118					
Li et al., 2020a	0,125	0,031	0,386	-2.574	0.010					
Liu et al., 2020b	0,158	0.052	0.392	-2.661	0.008					
Liu et al., 2020d	0,077	0,011	0,391	-2,387	0,017					
Nu et al., 2020b	0,087	0,022	0,289	-3,177	0,001					
Zeng et al., 2020b	0,091	0,030	0,247	-3,803	0,000			_ <b></b>	-	
Zhu et al., 2020	0,333	0,111	0.667	-0,980	0.327					
	0.171	0.112	0.253	-6,260	0.000					
						-1,00	-0,50	0,00	0,50	1,00
							Favours A		Favours B	
Model		File	ct size and	95% interva	d 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	l-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random	8	0,171 0,170	0,112 0,106	0,253 0,262	-6,260 -5,633	0,000 0,000	8,573	7	0,285	18,353	0,116	0,338	0,114	0,340

# J: Aplasia placenta

Study name		Statist	ics for ea	ch study			Event rate and 95% CI	_	
	Event rate	Lower limit	Upper limit	Z-Value	p-Value				
ao et al., 2020 i et al., 2020a u et al., 2020 hu et al., 2020	0,100 0,063 0,200 0,111 0,107	0,014 0,009 0,027 0,015 0,041	0,467 0,335 0,691 0,500 0,254	-2,084 -2,622 -1,240 -1,961 -3,980	0,037 0,009 0,215 0,050 0,000			-	
					-1,00	-0,50 Favours A	0,00	0,50 Favours B	1,00
odel		Eff	ect size an	d 95% interva	I Test of null (2-Tail)	Heterogeneity		T au-squared	

0,762

3 0,859 0,000

0,000

0,927

0,860

#### K: Placenta previa

4 0,107 0,107 0,041 0,041

0,254 0,254

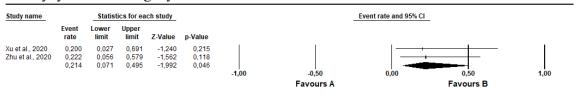
-3,980 -3,980

0,000 0,000

Fixed Random

Study name		Statist	ics for ea	ch study					Event rate and 95% CI			
	Event rate	Lower limit	Upper limit	Z-Value	p-Value							
Chen et al., 2020d Liu et al., 2020a Ku et al., 2020 Zhu et al., 2020	0,250 0,067 0,200 0,111 0,136	0,034 0,009 0,027 0,015 0,051	0,762 0,352 0,691 0,500 0,313	-0,951 -2,550 -1,240 -1,961 -3,400	0,341 0,011 0,215 0,050 0,001	1,00	-0,50		0,00		0,50	1,0
							Favour	SA		Fav	ours B	
Model		Effe	ect size an	d 95% interv	al Testofn	ull (2-Tail)		s A terogeneity			ours B	
Model	Numb Studie	er Poi	nt Lov	ver Upp	er	ull (2-Tail) — — — — — — — — — — — — — — — — — — —		terogeneity	Tau I-squared Square	Tau-s 	quared	Tau

#### L: Polyhydroamnos/oligohydroamnios



Model		Effect s	ize and 95%	interval	Test of null	(2-Tail)		Heter	ogeneity			Tau-so	quared		
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau	
Fixed Random		2 0,214 2 0,214		0,495 0,495	-1,992 -1,992	0,046 0,046	0,009	1	0,923	0,000	0,000	1,338	1,791	0,000	

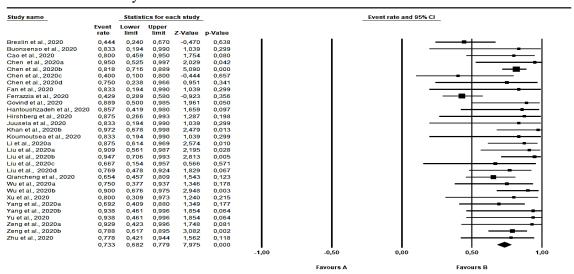
0,000

M: Postpartum bleeding

study name		Statist	ics for ea	ich study					Eve	ent rate and 95	% CI				
	Event rate	Lower limit	Upper limit	Z-Value	p-Value										
oumoutsea et al., 2	2020 0,500 0,500	0,059 0,059	0,941 0,941	0,000 0,000	1,000 1,000	-1,00		-0,50 Favours A		0,00		0,5 Favor		<b></b>	1,00
1odel		Ef	fect size a	nd 95% inte	erval	Test of null	(2-Tail)	He	terogeneity			Tau-so	quared		
Model 	Numb Studie	er Po	oint L	ower U	erval pper imit		(2-Tail) 	Q-value df (Q		l-squared	Tau Squared	Tau-so 	quared Variance	Tau	

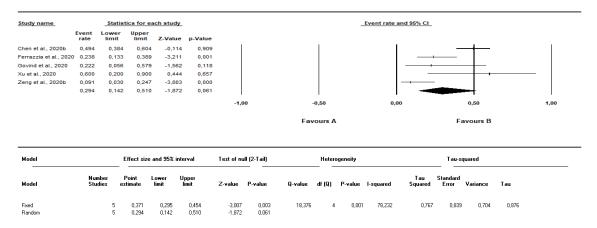
Figure 7. Meta-analysis and forest plots for duration of pregnancy and mode of delivery of COVID-19 of pregnant women

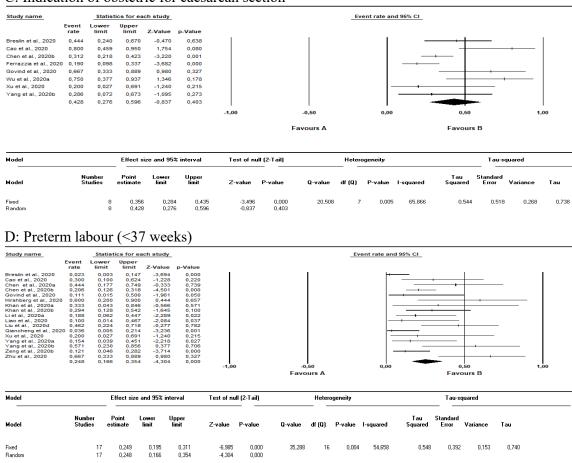
#### A: Caesarean delivery



Model			Effect siz	ze and 95%	interval	Test of nu	ll (2-Tail)		Hetero	geneity			Tau-se	quared	
Model		Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random		30 30		0,682 0,706	0,779 0,839	7,975 6,383	0,000 0,000	51,533	29	0,006	43,725	0,398	0,273	0,075	0,631
D I 1'	· ·	c	CON	TD 1	0.0			, <b>.</b>							

B: Indication of COVID-19 for caesarean section

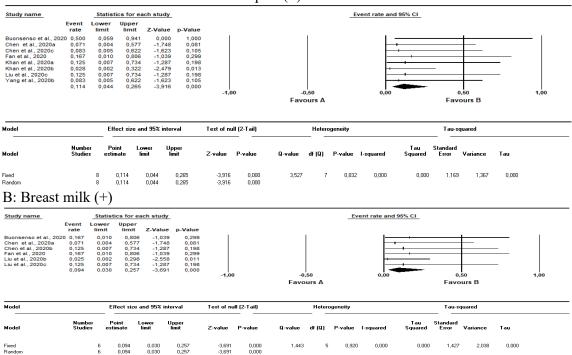




#### C: Indication of obstetric for caesarean section

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 (+)



C: Vaginal swab (+) Study name Statistics for each study Event rate and 95% CI Upper limit .ower limit rate Z-Value p-Value -1,039 -1,287 -1,647 0,299 0,198 0,100 0,167 0,125 0,144 0,010 0,007 0,020 Fan et al., 2020 Liu et al., 2020c 0,806 0,734 0,584 1,00 -1,00 -0,50 0,0 0,50 Favours A Favours B Model Effect size and 95% interval Test of null (2-Tail) Heterogeneity Tau-squared Number Studies Point estimate Lower limit Upper limit Tau Square Standard Error Model Z-value P-value df (Q) P-value l-squared Variance Tau Fixed Random 0,144 0,144 0,020 0,020 0,584 0,584 -1,647 -1,647 0,100 0,100 10,978 0,000 0,024 1 0.876 0.000 0.000 3,313 D: Amniotic fluid (+) Statistics for each study Event rate and 95% CI Study name Event rate ., 2020 0,167 0a 0,083 0,167 0,025 0,125 0b 0,083 0,083 Lower limit Upper limit Z-Value p-Value Buonsenso et al., Chen et al., 2020 Chen et al., 2020 Fan et al., 2020 Liu et al., 2020b Liu et al., 2020c Yang et al., 2020 0,010 0,004 0,005 0,010 0,002 0,007 0,005 0,031 0,806 0,577 0,622 0,806 0,298 0,734 0,622 0,224 -1,039 -1,748 -1,623 -1,039 -2,558 -1,287 -1,623 -4,158 0,299 0,081 0,105 0,299 0,011 0,198 0,105 0,000 -0,50 Favours A 0,50 Favours B Model Effect size and 95% interval Test of null (2-Tail) Heterogeneity T au-squared Number Studies Point estimate Upper limit Tau Squared Standard Error Variance Lower limit Model Z-value P-value Q-value df (Q) P-value I-squared Tau Fixed Random 0,087 0,087 0,031 0,031 0,224 0,224 -4,158 -4,158 0,000 0,000 1,393 6 0,968 0,000 0,000 1,288 1,659 0,000 7 7

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

A: Breast milk (+)

Study name		Statis	tics for ea	ch study						Ev	ent rate and	1 95% CI				
	Event rate	Lower limit	Upper limit	Z-Value	p-Value											
Buonsenso et al., 20 Gidlof et al., 2020 Yu et al., 2020	120 0,500 0,167 0,333 0,328	0,010 0,043	0,941 0,806 0,846 0,699	0,000 -1,039 -0,566 -0,900	1,000 0,299 0,571 0,368	-1,00	1	-0, Favo	50 urs A		0,00			,50 purs B	 	1,00
Model		E	ffect size a	nd 95% inte	rval	Test of nu	ll (2-Tail)		Heter	ogeneity			Tau-s	quared		
Model	Num Studi			ower U imit I	pper imit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau	

B: Vaginal swab (+)

Study name		Statis	tics for ea	ch study						Eve	ent rate and	95% CI				
	Event rate	Lower limit	Upper limit	Z-Value	p-Value											
Sidlof et al., 2020	0,167 0,167	0,010 0,010	0,806 0,806	-1,039 -1,039	0,299 0,299	-1,00		-0,50 Favou			0,00			50 Furs B		1,00
fodel			Effect size	e and 95% ir	nterval	Test of nu	ll (2-Tail)		Hetero	geneity			Tau-se	quared		
Model  Model		lumber Studies	Effect size Point estimate		nterval Upper limit	Test of nu Z-value	ll (2-Tail)  P-value	Q-value	Hetero — — df (Q)	geneity P-value	l-squared	Tau Squared	Tau-se  Standard Error	quared Variance	Tau	

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

# of pregnant women

Study name		Statist	ics for ea	nch study						Ev	ent rate and	95% CI				
	Event rate	Lower limit	Upper limit	Z-Value	p-Value											
Areslin et al., 2020 errazzia et al., 2020 lirshberg et al., 2020 uusela et al., 2020 i et al., 2020a iu et al., 2020d Vu et al., 2020a leng et al., 2020b		0,012 0,036 0,378 0,194 0,002 0,011 0,003 0,001 0,038	0,168 0,228 0,995 0,990 0,336 0,391 0,505 0,196 0,332	-4,283 1,623 1,039 -2,436 -2,387 -1,947 -2,951	0,000 0,000 0,105 0,299 0,015 0,017 0,052 0,003 0,002						╡╵ ╄╎┼┨ ┛				<b>i</b>	
						-1,00	1	-0,	50		0,00		0	,50		1,00
								Favo	urs A				Favo	ours B		
fodel		E	ffect size a	and 95% inte	erval	Test of nu	ll (2-Tail)		Hetero	ogeneity			Tau-s	quared		
fodel	Nur Stud			.ower U limit I	pper imit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau	

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

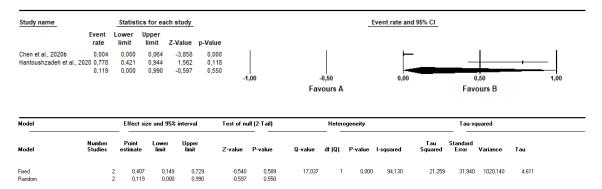


Figure 12. Meta-analysis and forest plots for perinatal outcomes of new-borns

#### A: Low birth weight (<2500 gr)

itudy name		Statistic	s for eac	ch study				Event rate and 95% CI		
	Event rate	Lower limit	Upper limit	Z-Value	p-Value					
luonsenso et al., 2020	0,500	0,059	0,941	0,000	1,000	1		I ——		I
ao et al., 2020	0,182	0.046	0,507	-1.924	0,054					
chen et al., 2020a	0,222	0,056	0,579	-1,562	0,118					
Sidlof et al., 2020	0,500	0,059	0,941	0,000	1,000					
ovind et al., 2020	0,222	0,056	0,579	-1,562	0,118					
lantoushzadeh et al., 2020	0,500	0,200	0,800	0,000	1,000					-
irshberg et al., 2020	0,875	0,266	0,993	1,287	0,198					_
han et al., 2020b	0,176	0,058	0,427	-2,421	0,015					
oumoutsea et al., 2020	0,167	0,010	0,806	-1,039	0,299					-
et al., 2020a	0,188	0,062	0,447	-2,289	0,022					
iancheng et al., 2020	0,036	0,005	0,214	-3,236	0,001			H		
u et al., 2020	0,200	0,027	0,691	-1,240	0,215					
u et al., 2020	0,063	0,004	0,539	-1,854	0,064					
eng et al., 2020b	0,030	0,004	0,186	-3,413	0,001			H		
hu et al., 2020	0,700	0,376	0,900	1,228	0,220					
	0,242	0,140	0,386	-3,310	0,001					
						-1,00	-0,50	0,00	0,50	1,00
							Favours A		Favours B	

Model		Effect si	ze and 95%	interval	Test of nu	ll (2-Tail)		Hetero	geneity			Tau-so	quared	
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
Fixed Random	15		0,175 0,140	0,343 0,386	-4,772 -3,310	0,000 0,001	28,261	14	0,013	50,461	0,832	0,649	0,421	0,912

# B: Apgar Score in the first minute <7

B: Apgar S	core i											
Study name	Ever	nt Lowe		ch study Z-Value	-				Event rate	e and 95% Cl		
Breslin et al., 2020 Buonsenso et al., 2020 Chen et al., 2020 Chen et al., 2020 Chen et al., 2020 Govin et al., 2020 Govind et al., 2020 Govind et al., 2020 Govind et al., 2020 Khan et al., 2020 Khan et al., 2020b Liu et al., 2020d Gliancheng et al., 2020 Yang et al., 2020b Zeng et al., 2020b Zhu et al., 2020b Zhu et al., 2020b Zhu et al., 2020b Zhu et al., 2020b	0,00 0,01 0,0 0,00 0,0 0,0 0,1 0,1 0,1 0	26         0.00           667         0.01           667         0.01           500         0.00           7         0.00           0.00         0.00           0.01         0.00           0.02         0.00           0.03         0.01           0.04         0.02           0.05         0.00           0.02         0.00           0.02         0.00           0.04         0.00           0.05         0.00           0.02         0.00           0.03         0.00           0.04         0.00           0.05         0.00           0.06         0.00           0.07         0.00           0.06         0.00           0.06         0.00           0.06         0.00           0.07         0.00           0.06         0.00           0.07         0.00           0.07         0.00           0.07         0.00           0.07         0.00           0.07         0.00           0.07         0.00           0.07	12         0.310           12         0.310           13         0.425           130         0.475           131         0.475           130         0.475           131         0.674           140         0.806           151         0.806           141         0.806           131         0.844           141         0.677           152         0.336           152         0.336           153         0.844           160         0.223           171         0.223           111         0.622           114         0.539           144         0.539           144         0.539           144         0.533           144         0.533           144         0.533           144         0.533           144         0.533           144         0.533           144         0.542           145         0.577           146         0.577           147         0.166           143         0.166           144	-2.519 -1.039 -2.170 -2.029 -3.487 -1.474 -1.039 -0.980 -0.980 -0.566 -1.287 -2.690 0.000 -2.436 -2.170 -1.287 -2.084 -2.170 -1.283 -1.854 -1.748 -1.854 -1.748 -3.413 -2.103	0.012 0.012 0.299 0.030 0.040 0.000 0.299 0.327 0.299 0.327 0.007 0.571 0.007 0.571 0.007 0.198 0.0198 0.0198 0.0198 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.004 0.003 0.004 0.003 0.003 0.003 0.003 0.003 0.003 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.0037 0.000100000000000000000000000000000000	-1.00		.50				
Model		Effect siz	e and 95% i	nterval	Test of n	ull (2-Tail)	He	eterogeneity			Tau-squared	
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value df (	Q) P-value	l-squared	Tau Squared	Standard Error Variance	Tau
Fixed Random	26 26	0,111 0,099	0,072 0,060	0,167 0,159	-8,527 -7,980		30,437	25 0,20	18 17,862	0,343	0,546 0,298	3 0,586
C: Apgar S	core i	n the	fifth	minu	te <7							
Study name	Even	t Lower	tics for ea Upper limit		p-Value				Event rate	and 95% CI		
Breslin et al., 2020 Buonsenso et al., 2020 Cao et al., 2020 Chen et al., 2020 Chen et al., 2020 Chen et al., 2020 Gound et al., 2020 Gound et al., 2020 Gound et al., 2020 Hantoushzadeh et al., Hirshberg et al., 2020 Khan et al., 2020 Chan et al., 2020 Liu et al., 2020 Liu et al., 2020 Guincheng et al., 2020 Xu et al., 2020 Yu et al., 2020 Yu et al., 2020 Yu et al., 2020 Zeng et al., 2020 Zeng et al., 2020 Zhu et al., 2020	0,0 0,0 0,0 0,1 0,1 0,1 0,1 0,1 0,0 0,1 2020 0,5 0,3 0,1 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0	67         0.01           42         0.00           50         0.00           83         0.00           00         0.00           67         0.01           48         0.01           67         0.01           100         0.20           000         0.05           000         0.05           000         0.05           29         0.00           242         0.00           000         0.05           23.00         0.00           23.00         0.01           23.00         0.01           23.00         0.01           24.00         0.00           25.00         0.00           26.00         0.01           27.00         0.00           28.3         0.000           29.4         0.000           20.00         0.01           21.00         0.02           22.00         0.000           23.00         0.000           20.00         0.01           20.00         0.01           21.00         0.000           22.00	0 0.806 3 0.425 3 0.475 5 0.622 6 0.674 0 0.806 2 0.171 0.800 0 0.806 3 0.846 7 0.734 9 0.941 2 0.336 3 0.846 3 0.425 7 0.734 4 0.6529 4 0.6529 4 0.539 4 0.539 4 0.539 4 0.539 4 0.539 4 0.539 4 0.539 5 0.622 5 0	2.519 -1.039 -2.170 -2.029 -3.029 -1.039 -1.961 -1.039 -1.961 -1.039 -1.961 -1.287 -2.690 -0.566 -2.436 -2.470 -1.287 -2.684 -2.470 -2.430 -2.436 -2.470 -2.436 -2.470 -2.436 -2.470 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.420 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.4200 -2.40	$\begin{smallmatrix} 0,012\\0,219\\0,230\\0,240\\0,105\\0,140\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,200\\0,$	-1,00		.50 uurs A				
Model	Number	Effect : Point	size and 95	% interval Upper	Test	of null (2-Tail)		Heterogen	eity	т	Tau-square au Standard	ed
Model	Studies	estimate	limit	limit	Z-val		Q-value		alue I-squ	ared Squ	ared Error Va	riance Tau
Fixed Random	iatroa	7 0,09	4 0,061 4 0,061	0,14 0,14		,490 0,000 ,490 0,000	23,536	26	0,602	0,000	0,000 0,434	0,188 0,000
D: Foetal d	istress			ot. d					Fuo-t: 1	and OFF of		
Study name	Event rate	Lower limit	Upper Upper		p-Value			-	Event fate	and 95% CI		
Buonsenso et al., 202 Cao et al., 2020 Chen et al., 2020 Koumoutsea et al., 2020 Li et al., 2020a Liu et al., 2020a Liu et al., 2020b Liu et al., 2020b Liu et al., 2020b Uu et al., 2020d Wu et al., 2020a Zeng et al., 2020b Zhu et al., 2020	0 0,500 0,182 0,222 0,500	0,059 0,046 0,059 0,059 0,031 0,003 0,002 0,043 0,100 0,017 0,004 0,297	0,941 0,507 0,941 0,386 0,425 0,298 0,846 0,624 0,524 0,186 0,842 0,333	0,000 -1,924 -1,562 0,000 -2,574 -2,170 -2,558 -0,566 -1,228 -1,828 -3,413 0,628 -4,591	1,000 1,004 0,054 0,118 1,000 1,000 0,010 0,010 0,011 0,220 0,069 0,001 0,571 0,220 0,069 0,001	-1,00	-0,3 Favot		0,		0,50 Favours B	1,00
Model		Effect siz	e and 95% ir	iterval	Test of nu	ıll (2-Tail)	Hete	erogeneity			Tau-squared	
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value df (Q)	P-value	l-squared		tandard Error Variance	Tau
Fixed Random	13 13	0,230 0,212	0,151 0,118	0,333 0,352	-4,591 -3,662	0,000 0,000	20,125 1	12 0,065	40,373	0,629	0,653 0,427	0,793

### E: Foetal asphyxia

Study name		Statistic	s for eac	ch study			-	Event rate and 95%	CI	
	Event rate	Lower limit	Upper limit	Z-Value	p-Value					
Cao et al., 2020	0,042	0,003	0,425	-2,170	0,030	1	1		I	1
Chen et al., 2020a	0,050	0,003	0,475	-2,029	0,042					
Chen et al., 2020b	0,007	0,000	0,103	-3,487	0,000			⊢.		
Liao et al., 2020 Liu et al., 2020a	0,045 0,042	0,003 0,003	0,448 0,425	-2,103 -2,170	0,035 0,030					
Qiancheng et al., 2020	0,042	0.001	0,423	-2,834	0,005			<u> </u>	_	
Nu et al., 2020b	0,048	0,007	0,271	-2,924	0,003				_	
Ku et al., 2020	0,083	0,005	0,622	-1,623	0,105					
Zeng et al., 2020b	0,061	0,015	0,212	-3,757	0,000			+	-	
Zhu et al., 2020	0,045 0,042	0,003 0,020	0,448 0,086	-2,103 -8,078	0,035 0,000					
	0,042	0,020	0,080	-0,070	0,000	-1,00	-0,50	0,00	0,50	1,00
							Favours A		Favours B	
Model		Effec	size and	95% interv	al	Test of null (2-Tail)	Heteroger	neity	T au-squared	
Model	Number Studies	Point estimat	Lowe e limit			Z-value P-value	Q-value df (Q) P-	value I-squared	Tau Standard Squared Error Variar	nce Tau
Fixed	Studies	estimat	<b>e limi</b> 42 0	t limi ,020 (	t 1,086	-8,078 0,000	<b>Q-value df (Q) P-</b> 2,623 9	-value I-squared 0,977 0,000	Squared Error Variar	n <b>ce Tau</b> ,549 0,000
Fixed Random	Studies 1 1	<b>estimat</b> 0 0,0 0 0,0	e limi 42 0 42 0	: limi ,020 ( ,020 (	t				Squared Error Variar	
Fixed Bandom F: Newborn	Studies 1 1	estimat 0 0,0 0 0,0 11SS10	e limit 42 0 42 0 n to	: limi ,020 ( ,020 (	t 1,086	-8,078 0,000			Squared Error Variar	
Fixed Random F: Newborn	Studies	estimat 0 0,0 0 0,0 11SS10 <u>Statisti</u> Lower	e limit 42 0 42 0 <b>n to</b> <u>cs for ea</u> Upper	,020 ( ,020 ( 1CU ch study	t ,086 ,086	-8,078 0,000		0,977 0,000	Squared Error Variar	
Fixed Random F: Newborn Study name	studies	estimat 0 0,0 0 0,0 11SS10 Statisti Lower limit	e limit 42 0 42 0 11 to <u>cs for ea</u> Upper limit	t limi .020 (0 .020 (1 ICU ch study Z-Value	t 1,086 1,086 p-Value	-8,078 0,000		0,977 0,000	Squared Error Variar	
Model Random F: Newborn Study name_ Breslin et al., 2020 Chen et al., 2020	Studies	estimat 0 0,0 0 0,0 11SS10 <u>Statisti</u> Lower	e limit 42 0 42 0 <b>n to</b> <u>cs for ea</u> Upper	t limi ,020 (0 ,020 (0 ICU <u>Ch study</u> Z-Value	t ,086 ,086	-8,078 0,000		0,977 0,000	Squared Error Variar	
Fixed Random F: Newborn Study name Study name Steslin et al., 2020 Ferrazzia et al., 2020	Studies	estimat 0 0,0 0 0,0 0,0	e limit 42 0 42 0 <b>n to</b> <u>cs for ea</u> Upper limit 0,409 0,877 0,199	t limit 020 (0 020 (0 ICU Ch study Z-Value -2,545 0,000 -4,281	p-Value 0,086 0,086 0,011 1,000 0,000	-8,078 0,000		0,977 0,000	Squared Error Variar	
Fixed Random F: Newborn Study name Breslin et al., 2020 Chen et al., 2020 Gidlof et al., 2020 Gidlof et al., 2020	Studies	estimat 0 0,0 0 0,0 0,0	e limit 42 0 42 0 <b>n to</b> <u>cs for ea</u> Upper limit 0,409 0,877 0,199 0,941	t linit .020 ( .020	p-Value 0,086 0,086 0,011 1,000 0,000 1,000	-8,078 0,000		0,977 0,000	Squared Error Variar	
Fixed Frandom Study name Breslin et al., 2020 Chen et al., 2020 Gren at al., 2020 Gidlof et al., 2020 Gidlof et al., 2020	Studies	estimat 0 0.0 0 0.0 11SS10 Statisti Lower limit 0,055 0,123 0,025 0,059 0,056	e limit 42 0 42 0 <b>n to</b> <u>cs for ea</u> Upper limit 0,409 0,877 0,199 0,941 0,579	timi .020 ( .020 (	p-Value 0,086 0,011 1,000 0,000 1,000 0,118	-8,078 0,000		0,977 0,000	Squared Error Variar	
Fixed Bandom <b>Study name</b> Study name Study name St	Studies	estimat 0 0,0 0 0,0 0,0	e limit 42 0 42 0 cs for ea Upper limit 0,409 0,877 0,199 0,941 0,579 0,846	timi .020 ( .020 (	p-Value 0,086 0,086 0,011 1,000 0,000 1,000 0,118 0,571	-8,078 0,000		0,977 0,000	Squared Error Variar	
Fixed Random F: Newborn Study name Breslin et al., 2020 Chen et al., 2020 Gidlof et al., 2020 Gidlof et al., 2020 Sovind et al., 2020 Anan et al., 2020 Sovind et al., 2020	Studies	estimat 0 0.0 0 0.0 11SS10 Statisti Lower limit 0,055 0,123 0,023 0,059 0,056	e limit 42 0 42 0 <b>n to</b> <u>cs for ea</u> Upper limit 0,409 0,877 0,199 0,941 0,579	timit .020 (0 .020 (0 .020)	p-Value 0,086 0,011 1,000 0,000 1,000 0,118	-8,078 0,000		0,977 0,000	Squared Error Variar	
Fixed Frandom Study name Breslin et al., 2020 Chen et al., 2020 Ferrazzia et al., 2020 Gidlof et al., 2020 Sovind et al., 2020 Liu et al., 2020c	Studies	estimat 0 0,0 0 0,0 0 0,0 0 0,0 0,0 0,0	e limit 42 0 42 0 <b>n to</b> 0,009 0,877 0,199 0,941 0,579 0,846 0,986 0,846 0,223	2.Value -2,545 0,000 -4,281 0,000 -1,562 -0,566 2,558 -0,566 -2,834	p-Value 0,086 0,086 0,011 1,000 0,000 1,000 0,118 0,571 0,011 0,571 0,005	-8,078 0,000		0,977 0,000	Squared Error Variar	
Fixed Random F: Newborn Study name Breslin et al., 2020 Chen et al., 2020d Ferrazzia et al., 2020d Gidlof et al., 2020 Govind et al., 2020a Liu et al., 2020b Liu et al., 2020b Liu et al., 2020b	Studies	estimat 0 0.0 0 0.0 11SSIO 11SSIO 11SSIO 11SSIO 11SSIO 0.023 0.055 0.123 0.023 0.059 0.056 0.043 0.059 0.059 0.059 0.059 0.059 0.059 0.059 0.059 0.059 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.059 0.059 0.059 0.059 0.059 0.059 0.059 0.059 0.059 0.059 0.059 0.053 0.059 0.053 0.059 0.053 0.023 0.059 0.053 0.023 0.023 0.059 0.053 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.024 0.024 0.025 0.023 0.024 0.025 0.023 0.023 0.023 0.023 0.023 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.	e limit 42 0 42 0 n to cs for eac Upper limit 0,409 0,877 0,199 0,941 0,579 0,846 0,998 0,846 0,223 0,928	2.545 .000 .000 .000 .000 .2.545 .0,000 .2.545 .0,000 .2.545 .0,000 .2.545 .0,000 .2.545 .0,000 .2.558 .0,566 .2.834 .0,566 .2.834 .0,956	p-Value 0,086 0,086 0,011 1,000 0,000 1,000 0,011 0,011 0,011 0,005 0,273	-8,078 0,000		0,977 0,000	Squared Error Variar	
Fixed Random F: Newborn Study name Breslin et al., 2020 Chen et al., 2020 Gidlof et al., 2020 Govind et al., 2020 Govind et al., 2020 Liu et al., 2020 Liu et al., 2020 Liu et al., 2020 Clancheng et al., 2020	Studies	estimat 0 0,0 0 0,0 0 0,0 0 0,0 0,0 0,0	e limit 42 0 42 0 <b>n to</b> 0,009 0,877 0,199 0,941 0,579 0,846 0,986 0,846 0,223	2.Value -2,545 0,000 -4,281 0,000 -1,562 -0,566 -2,588 -0,566 -2,583 -0,566 -2,834 1,095 -3,803	p-Value 0,086 0,086 0,011 1,000 0,000 1,000 0,118 0,571 0,011 0,571 0,005	-8,078 0,000		0,977 0,000	Squared Error Variar	

Model		Effect siz	ze and 95%	interval	Test of nu	ll (2-Tail)		Hetero	geneity			Tau-se	quared	
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau
ïxed Random	11		0,141 0.128	0,313 0.515	-4,993 -1,841	0,000 0.066	33,192	10	0,000	69,873	1,800	1,261	1,589	1,342

Favours A

Favours B

1 18410 15.	muu	unui	ysis	unu,		is for meonatal acain	
Study name		Statisti	cs for ea	ch study	_	Event rate and 95% CI	
	Event rate	Lower limit	Upper limit	Z-Value	p-Value		

	Event	Lower	Upper	Z-Value	p-Value					
Cao et al., 2020	0,042	0,003	0,425		0,030	1	1	L.	I	1
Chen et al., 2020a	0.050	0.003	0.475		0.042					
Chen et al., 2020b	0.007	0,000	0,103		0.000			<u> </u>		
Hantoushzadeh et al., 2020	0,222	0,056	0,579		0,118			· · · · ·		
Khan et al., 2020a	0,125	0.007	0.734		0,198			'		
Khan et al., 2020b	0.028	0.002	0.322		0.013			· ·	_	
Liu et al., 2020a	0,042	0,003	0,425		0,030			<u> </u>		
Liu et al., 2020d	0,100	0.014	0.467	-2,084	0,037					
Qiancheng et al., 2020	0.017	0.001	0.223		0.005			<u> </u>		
Xu et al., 2020	0,083	0,005	0,622	-1,623	0,105			· · · · · · · · · · · · · · · · · · ·		
Zeng et al., 2020b	0,015	0.001	0,196	-2,951	0,003					
Zhu et al., 2020	0,100	0,014	0,467	-2,084	0,037					
	0,064	0,033	0,122	-7,411	0,000			•		
						-1,00	-0,50	0,00	0,50	1,00
							Favours A		Favours B	

Model		Effect siz	e and 95%	interval	Test of nu	ll (2-Tail)		Hetero	geneity			Tau-so	quared		
Model	Number Studies	Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value I	l-squared	Tau Squared	Standard Error	Variance	Tau	
Fixed Random	12 12		0,033 0,033	0,122 0,122	-7,411 -7,411	0,000 0,000	9,079	11	0,615	0,000	0,000	0,684	0,468	0,000	

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

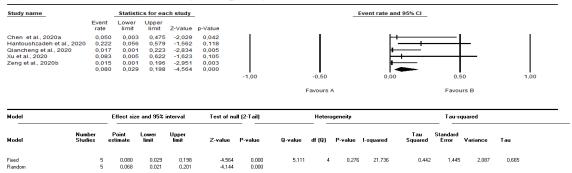


Figure 15. Meta-analysis and forest plots for feeding and care of new-borns

# A: Breastfeeding

Study name	_	tatieties -	or or oh	turdu				Event	and DEV. CI		
			for each st	tuay				Event rate	and 95% CI		
Breslin et al., 2020         r           Buonsenso et al., 2020         0           Chen et al., 2020c         0           Fan et al., 2020         0           Gidlof et al., 2020         0           Govind et al., 2020         0           Kournoutsea et al., 2020         0           Kournoutsea et al., 2020         0	rate 0,974 0,500 0,083 0,167 0,262 0,833 0,050 0,500 0,500 0,125	limit i 0,690 ( 0,059 ( 0,005 ( 0,010 ( 0,151 ( 0,0194 ( 0,003 ( 0,059 ( 0,059 ( 0,007 (	imit Z-V 0,998 2 0,941 0 0,622 -1 0,806 -1 0,414 -2 0,990 1 0,475 -2 0,941 0 0,941 0 0,734 -1	2,519 0 0,000 1 1,623 0 2,952 0 1,039 0 2,952 0 2,029 0 0,000 1 1,287 0	/alue ),012 1,000 ),105 ),299 ),003 ),299 ),029 0,042 1,000 ),198 ),338	-1,00	-0,50 Favours A	0,		0,50 Favours B	1,00
Model	Ef	fect size an	ıd 95% inter	val	Test of nu	ıll (2-Tail)	Heterogene	eity		Tau-squared	
Numb Model Studie	er Po es esti		wer Up mit lin	per nit	Z-value	P-value	Q-value df (Q) P-v	value I-squared	Tau Squared	Standard Error Variance Tau	
Fixed Random	9 9			0,431 0,646	-2,911 -0,958	0,004 0,338	17,160 8	0,028 53,379	1,506	1,614 2,605 1,227	
B: Formula											
	ent Lo	wer Up	per					Event rate a	nd 95% Cl		
ra Buonsenso et al., 2020 0 Chen et al., 2020d 0 Gidlof et al., 2020 0	ate li ,833 0 ,900 0 ,833 0	mit lin 0,194 0, 0,326 0, 0,194 0,	mit Z-Va ,990 1,1 ,994 1,- ,990 1,1	039 0, 474 0, 039 0,	alue 299 140 299 040	-1,00	-0,50 Favours A	0,0	0	0,50 1	00
Model	Fff	ect size and	d 95% interv	ral	Test of nul	l (2-Tail)	Heterogeneit			Tau-squared	
					reat of hu			y		· · ·	
Numbe Model Studie	er Po s estin	int Low nate lim	ver Upp nit lim	it	Z-value	P-value	Q-value df(Q) P-va	lue I-squared	Tau S Squared	tandard Error Variance Tau	
Fixed Random				0,972 0,972	2,057 2,057	0,040 0,040	0,101 2 (	0,951 0,000	0,000	2,339 5,472 0,000	
C: Isolated sep	oarat	e froi	m mo	other							
Study name Event	Statisti Lower	cs for eac	h study					Event rate and	95% CI		
rate Buonsenso et al., 2020 0,833	limit 0,194	limit 2 0,990 0,994	1,039 1,474	p-Value 0,299 0.140				I			-
Chen et al. 2020d 0,900 Fan et al. 2020 0,833 Govind et al. 2020 0,833 Govind et al. 2020 0,853 Khan et al. 2020 0,833 Khan et al. 2020a 0,867 Lie at al. 2020a 0,875 Lie et al. 2020b 0,975 Lie et al. 2020b 0,975 Lie et al. 2020b 0,975 Xu et al. 2020 0,917 Yang et al. 2020b 0,917	0,326 0,194 0,525 0,194 0,266 0,461 0,702 0,043 0,378 0,713 0,378 0,423 0,776	0,990 0,997 0,990 0,957 0,993 0,996 0,998 0,846 0,995 0,995 0,995 0,995 0,996 0,940	1,039 2,029 1,039 0,566 1,287 1,854 2,558 -0,566 1,623 2,594 1,623 1,748 5,191	0,299 0,042 0,299 0,571 0,198 0,064 0,011 0,571 0,105 0,009 0,105 0,081 0,000	-1,00		-0,50 Favours A	0,00		0,50 Favours B	- - - - ,00
Chen et al. 2020d 0,900 Fan et al. 2020 0,833 Govind et al. 2020 0,833 Govind et al. 2020 0,853 Ususela et al. 2020a 0,857 Lie et al. 2020a 0,875 Lie et al. 2020a 0,875 Lie et al. 2020b 0,975 Yang et al. 2020 0,976 Yang et al. 2020a 0,977 Yang et al. 2020a 0,977 Yang et al. 2020a 0,928 0,880	0,194 0,525 0,194 0,154 0,266 0,461 0,702 0,043 0,378 0,773 0,378 0,423 0,776	0,997 0,990 0,957 0,993 0,996 0,998 0,846 0,999 0,995 0,999 0,995 0,995 0,996 0,940	2,029 1,039 0,566 1,287 1,854 2,558 -0,566 1,623 2,594 1,623 1,748	0,042 0,299 0,571 0,198 0,064 0,011 0,571 0,105 0,009 0,105 0,081 0,000	-1,00 Test of nu						- - - - ,00
Chen et al. 2020 0,900 Fan et al. 2020 0,833 Govind et al. 2020 0,833 Govind et al. 2020 0,853 Ususela et al. 2020 0,853 Lie al. 2020a 0,875 Lie at al. 2020a 0,938 Usu et al. 2020b 0,975 Usu et al. 2020b 0,975 Usu et al. 2020b 0,975 Yang et al. 2020a 0,976 Yang et al. 2020a 0,976 Yang et al. 2020a 0,976 Yang et al. 2020a 0,978	0,194 0,295 0,194 0,266 0,461 0,702 0,043 0,378 0,773 0,378 0,776 Ef	0,997 0,997 0,957 0,993 0,998 0,998 0,998 0,998 0,998 0,995 0,995 0,995 0,995 0,995 0,995 0,995	2,029 1,039 0,566 1,287 1,854 2,558 -0,566 1,623 2,594 1,623 2,594 1,623 2,594	0.042 0.299 0.571 0.198 0.064 0.011 0.011 0.011 0.011 0.005 0.005 0.005 0.081 0.000 val			Favours A Heterogene		Tau	Favours B	- - - - - - - - - - -

D: Isolated with mother

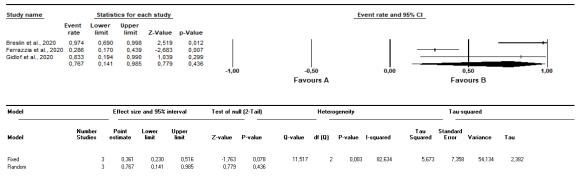


Figure 16. Meta-analysis and forest plots for COVID-19 Test outcomes of new-borns at the
first 24 hours

A: RT-PC			size and 9	95% interv	al	Test of nu	ull (2-Tail)		Heter	ogeneity			Tau-s	quared		
lodel	Number Studies	Point estimate	Lowe limit		er t	Z-value	P-value	Q-value	df (Q)	P-value	l-squared	Tau Squared	Standard Error	Variance	Tau	
ixed		26 0,078			U117	-10,581	0,000	5,647	25	1,000	0,000	0,000	0,417	0,174	0,000	
landom	-	26 0,078	3 0,0	050 0	1,117	-10,581	0,000									
Study name		Statistic	s for eac	ch study						E	vent rate	and 95% CI				
	Event	Lower I	Upper							_						
Breslin et al., 2020	rate 0.026	limit 0.002	limit 0,310	Z-Value -2,519	p-Value 0.012		1									
Buonsenso et al., 2020	0,028	0,010	0,806	-1,039	0,299							· · ·	_			
Cao et al., 2020	0,083	0,005	0,622	-1,623	0,105	5								<u> </u>		
Chen et al., 2020a Chen et al., 2020b	0,071 0,056	0,004	0,577	-1,748 -1,947	0,081									-		
Chen et al., 20206	0,056	0,003	0,622	-1,947	0,052											
Fan et al., 2020	0,167	0,010	0,806	-1,039	0,299											
Ferrazzia et al., 2020	0,071	0,023	0,199	-4,281	0,000							<u> </u>				
Gidlof et al., 2020 Govind et al., 2020	0,167	0,010 0.015	0,806	-1,039	0,299											
Hantoushzadeh et al., 2		0,004	0,577	-1,748	0,081											
Hirshberg et al., 2020	0,125	0,007	0,734	-1,287	0,198	3								-	_	
Khan et al., 2020a Khan et al., 2020b	0,125	0,007	0,734	-1,287 -2,677	0,198	3										
Liao et al., 20200	0,118	0,030	0,368	-2,677	0,007									_		
Liu et al., 2020b	0,025	0,002	0,298	-2,558	0,011								-			
Liu et al., 2020c	0,125	0,007	0,734	-1,287	0,198									-		
Liu et al., 2020d Qiancheng et al., 2020	0,045 0,017	0,003	0,448	-2,103 -2,834	0,035											
Wu et al., 2020b	0,100	0,006	0,674	-1,474	0,140							· ,				
Xu et al., 2020	0,083	0,005	0,622	-1,623	0,105											
Yang et al., 2020a Yang et al., 2020b	0,024	0,001	0,287	-2,594 -1,623	0,009							· .	-			
Zeng et al., 2020a	0.071	0.004	0.577	-1,748	0.081											
Zeng et al., 2020b	0,091	0,030	0,247	-3,803	0,000	)										
Zhu et al., 2020	0,045	0,003	0,448	-2,103	0,035							-				
	0,078	0,050	0,117	-10,581	0,000		,00		-0.50		0,0			0,50		1,00
						-	,00		ours A		0,0			ours B		1,00
B: IgG (+)																
Study name	Event L		per							E	vent rate a	ind 95% CI				
					-Value											
Buonsenso et al., 2020				-1,039	0,299				1		ŀ			1		
	0,333			-0,800	0,423											
Zeng et al., 2020a	0,287	0,084 0	0,639	-1,206	0,228		•		0,50		0.0			0,50		4 000
Zeng et al., 2020a						-1,0	0				0,0	0				1,00
zeng et al., 2020a								Fave	ours A					ours B		
zeng et al., 2020a														ours D		
Model				95% interv			ull (2-Tail)			ogeneity				quared		

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 (+)														

Study name		Sta	tistics for	each stud	<u> </u>				E	vent rate and	95% CI				
	Event rate	Low			e p-Value										
Buonsenso et al., Zeng et al., 2020a		0,	0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	32 -0,80	0 0,423	-1,0	0	-0,50 Favours A		0,00			0,50 ours B		1,00
Model			Effect siz	e and 95% ir	terval	Test of nu	ull (2-Tail)	Hete	rogeneity			Tau-se	quared		
Model Model	Numl Studi		Effect siz Point estimate		terval Upper limit	Test of nu Z-value	ll (2-Tail)  P-value	Hete Q-value df (Q)		l-squared	Tau Squared	Tau-se Standard Error	quared Variance	Tau	

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

# A: RT-PCR (+)

Study name		Statisti	cs for ea	ich study					_	Event rate an	d 95% CI				
	Event rate	Lower limit	Upper limit	Z-Value	p-Value										
Buonsenso et al., 2020 Cao et al., 2020 Chen et al., 2020d Gidlof et al., 2020d Liet al., 2020a Liao et al., 2020 Qiancheng et al., 2020	0,042 0,125 0,167 0,125 0,063 0,017	0,059 0,003 0,007 0,010 0,007 0,004 0,001	0,941 0,425 0,734 0,806 0,734 0,539 0,539	0,000 -2,170 -1,287 -1,039 -1,287 -1,854 -2,834	1,000 0,030 0,198 0,299 0,198 0,064 0,005					+				 _	-
Yang et al., 2020b	0,083 0,097	0,005 0,037	0,622 0,230	-1,623 -4,285	0,105 0,000	-1,0	0	-0,50 Favours		0,00	-	0,50 Favours	s B		1,00
Model		Eff	ect size a	nd 95% inte	rval	Test of n	ull (2-Tail)	He	erogeneity			T au-squar	red		
Model	Numb Studie				oper mit	Z-value	P-value	Q-value df (G	) P-value	l-squared	Tau Squared	Standard Error Va	niance	Tau	
B: Abnorn	nal c	chest		-		-4,285 -4,285		4,846	7 0,6		0,000	1,160	1,345	0,000	
B: Abnorn		chest statis	0,097 X-ra	0,037 ty/CT	0,230			4,846	7 0,6	<sup>79</sup> 0,000 Event rate a		1,160	1,345	0,000	
Fixed Random B: Abnorn Study name Chen et al., 2020d Fan et al., 2020 Liao et al., 2020 Liu et al., 2020b Zhu et al., 2020	Event rate 0,250 0,500 0,143 0,118 0,700 0,311	chest	0,097 <b>X-ra</b>	0.037 ach study <b>Z-Valu</b> 2 -0,95 1 0,00 1 -1,65 8 -2,67 0 1,22	0,230 <b>p-Valu</b> 1 0,34 0 1,00 9 0,09 7 0,00 8 0,22	-4,285 e 1 0 7 7 7 0 1		4,846 -0,50 Favour				1,160	  0	0,000	-
Random B: Abnorn Study name Chen et al., 2020d Fan et al., 2020 Liao et al., 2020b Liao et al., 2020b	Event rate 0,250 0,500 0,143 0,118 0,700	* <u>Statis</u> Lower limit 0,034 0,039 0,020 0,030 0,376	0.097 X-12 tics for e Upper limit 0,762 0,94 0,58 0,364 0,900	0.037 ach study 2 -0.95 1 0.00 1 -1.65 8 -2.67 0 1.22	0,230 <b>p-Valu</b> 1 0,34 0 1,00 9 0,09 7 0,00 8 0,22	-4,285 e 1 0 7 7 7 0 1	0,000	-0,50		Event rate a			  0	0,000	-
Random B: Abnorn Study name Chen et al., 2020 an et al., 2020 Liu et al., 2020 Liu et al., 2020 Zhu et al., 2020 Chu et al., 2020	Event rate 0,250 0,500 0,143 0,118 0,700	8 <u>Statis</u> Lower limit 0,034 0,059 0,020 0,030 0,376 0,109	0.097 X-ra Upper limit 0,76; 0,94 0,38; 0,36; 0,36; 0,90( 0,62;	0.037 ach study 2 -0.95 1 0.00 1 -1.65 8 -2.67 0 1.22	0.230 <b>p-Valu</b> 1 0.34 0 1,00 9 0,00 7 0,00 8 0,22 9 0,23	-4,285 e 1 0 7 7 7 0 1	0,000	-0,50 Favour		Event rate a			0 Irs B	0,000	-   1,00
Random B: Abnorn Study name Chen et al., 2020d Fan et al., 2020 Liao et al., 2020 Liu et al., 2020b	Event rate 0,250 0,500 0,143 0,118 0,700	8  Statis Lower limit 0,034 0,059 0,020 0,030 0,376 0,109	0.097 X-fa tics for e Upper limit 0,76: 0,94: 0,58: 0,96: 0,90: 0,62: ect size ar nt Lo	0,037 y/CT each study Z-Valu 2 -0,95 1 0,00 1 -1,65 8 -2,67 0 1,22 4 -1,15 nd 95% inter www Up	0.230 <b>p-Valu</b> 1 0.34 0 1,00 9 0,00 7 0,00 8 0,22 9 0,23	-4,285 e .1 0 7 7 0 1 1 -	0,000	-0,50 Favour	s A	Event rate a		0,5 Favou Tau-squard Standard	0 Irs B	0,000	-   1,00

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