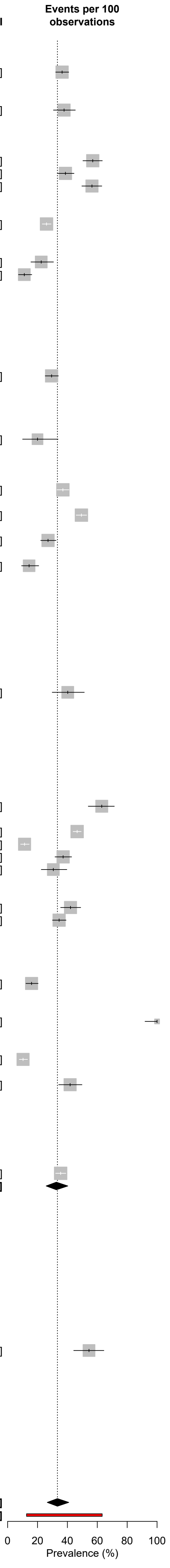
Study	Number	Total	Prevalence (%)	95%CI
COVID19 = No				
Abdali et al., 2019	.	400		
Abdulghani et al., 2012	179	491	36.5	[32.2; 40.9]
AL Khani et al., 2019	.	200		
Al otaibi et al., 2020	.	282		
Al Shammari et al., 2020	68	180	37.8	[30.7; 45.3]
Al Sulami et al., 2019	.	702		
Almojali et al., 2017	.	263		
Alnomsi et al., 2018	.	169		
AlQahtani et al., 2017	135	237	57.0	[50.4; 63.4]
Alsaggaf et al., 2016	118	305	38.7	[33.2; 44.4]
Alshahrani et al., 2019	127	225	56.4	[49.7; 63.0]
Amiri et al., 2020	.	300		
Asiri et al., 2018	.	286		
Atlam et al., 2020	234	899	26.0	[23.2; 29.0]
Attal et al., 2021	.	240		
Awasthi et al., 2020	.	221		
BaHammam et al., 2005	29	129	22.5	[15.6; 30.7]
Belingheri et al., 2020	24	215	11.2	[7.3; 16.2]
Bogati et al., 2020	.	350		
Brick et al., 2010	.	314		
Brubaker et al., 2020	.	287		
Chatterjee et al., 2021	.	224		
Christodoulou et al., 2021	.	177		
Correa et al., 2017	.	372		
Dudo et al., 2022	.	1103		
ElArab et al., 2014	128	435	29.4	[25.2; 34.0]
Elwasify et al., 2016	.	1182		
Ergin et al., 2021	.	127		
Fawzy and Hamed 2017	.	700		
Feng et al., 2022	.	450		
Giri et al., 2013	10	50	20.0	[10.0; 33.7]
Gladius et al., 2018	.	203		
Gui et al., 2022	.	2646		
Gupta et al., 2020	.	222		
Ibrahim et al., 2017	213	576	37.0	[33.0; 41.1]
James et al., 2011	.	255		
Javaid et al., 2020	400	810	49.4	[45.9; 52.9]
Jniene et al., 2019	.	294		
Johnson et al., 2017	83	307	27.0	[22.1; 32.4]
Kalyani et al., 2017	.	278		
Kang and Chen et al., 2009	23	160	14.4	[9.3; 20.8]
Kawyannejad et al., 2019	.	321		
Khero et al., 2019	.	281		
Kumar et al., 2019	.	150		
Kumar et al., 2016	.	308		
Lamoria et al., 2020	.	170		
Lawson et al., 2019	.	153		
Li et al., 2022	.	364		
Lima et al., 2002	.	27		
Maheshwari et al., 2019	.	797		
Mazar et al., 2021	35	87	40.2	[29.9; 51.3]
Mazurkiewicz et al., 2012	.	86		
Medeiros et al., 2001	.	36		
Meer et al., 2022	.	96		
Mirghani et al., 2015	.	140		
Mirghani et al., 2017	.	140		
Mohammadbeigi et al., 2016	.	363		
Mokros et al., 2017	.	140		
Nadeem et al., 2018	.	362		
Pagnin et al., 2014	80	127	63.0	[54.0; 71.4]
Patil et al., 2019	.	463		
Perotta et al., 2021	628	1350	46.5	[43.8; 49.2]
Prashanth et al., 2015	57	503	11.3	[8.7; 14.4]
Priya et al., 2017	114	307	37.1	[31.7; 42.8]
Ramamoorthy et al., 2014	37	121	30.6	[22.5; 39.6]
Rasekhi et al., 2016	.	177		
Rathi et al., 2018	.	160		
Rique et al., 2013	93	221	42.1	[35.5; 48.9]
Riskawati et al., 2022	153	444	34.5	[30.0; 39.1]
Safhi et al., 2020	.	326		
Sahraian and Javadpour 2010	.	159		
Sarbazvatan et al., 2017	.	80		
Satti et al., 2019	.	219		
Saygin et al., 2016	54	337	16.0	[12.3; 20.4]
Shadzi et al., 2020	.	402		
Siddiqui et al., 2016	.	318		
Soakin et al., 2019	44	44	100.0	[92.0; 100.0]
Sun et al., 2019	.	5497		
Sundas et al., 2020	.	217		
Surani et al., 2015	52	504	10.3	[7.8; 13.3]
Teimouri et al., 2021	.	290		
Thaipisuttikul et al., 2022	69	165	41.8	[34.2; 49.7]
Wang et al., 2020	.	3738		
Wang et al., 2016	.	6085		
Waqas et al., 2015	.	263		
Wondi et al., 2021	.	576		
Yazdi et al., 2016	.	285		
Yeluri et al., 2021	.	398		
Zailinawati et al., 2009	281	792	35.5	[32.1; 38.9]
Random effects model		**45855**	**32.6**	**[25.8; 40.3]**
Heterogeneity: I^2 = 96.26% [95.37%; 96.98%], τ^2 = 0.35, p < 0.001, R_b = 90.66%				
COVID19 = Yes				
Carpi et al., 2022	.	407		
Chen et al., 2022	.	1227		
Copaja-Corzo et al., 2022	.	3139		
Dhamija et al., 2021	.	499		
Ding et al., 2022	.	1524		
Eleftheriou et al., 2021	.	559		
Fernandes et al., 2022	.	142		
Fowler et al., 2022	.	41		
Guo et al., 2022	.	72		
Mahadule et al., 2022	55	101	54.5	[44.2; 64.4]
Mahgoub et al., 2022	.	273		
Meo et al., 2022	.	410		
Mishra et al., 2022	.	284		
Nsengimana et al., 2023	.	290		
Olarte-Durand et al., 2021	.	310		
Saguem et al., 2021	.	251		
Shafique et al., 2021	.	100		
Shrestha et al., 2021	.	168		
Tahir et al., 2021	.	2749		
Xie et al., 2020	.	1026		
Random effects model		**59427**	**33.3**	**[26.5; 40.9]**
Prediction interval				**[12.7; 63.3]**

Heterogeneity: I^2 = 96.19% [95.30%; 96.92%], τ^2 = 0.35, p < 0.001, R_b = 90.66%

Test for subgroup differences: χ^2_1 = 12.41, df = 1 (p < 0.001)