Supplementary figure legends

Figure S1. A PRISMA flow diagram of the search methods on the Delta variant **Figure S2.** Influential analysis of the proportion of asymptomatic infection in COVID-19

Omicron patients

Figure S3. Funnel plot based on the proportion of asymptomatic infection in COVID-19 Omicron patients for evaluation of publication bias

Figure S4. Begg's test based on the proportion of asymptomatic infection in COVID-19 Omicron patients for evaluation of publication bias

Figure S5. Influential analysis of the proportion of non-severe disease in COVID-19 Omicron patients

Figure S6. Subgroup analysis of the proportion of non-severe disease by whether estimated with hospitalization

Figure S7. Funnel plot based on the proportion of non-severe disease in COVID-19 Omicron patients for evaluation of publication bias

Figure S8. Begg's test based on the proportion of non-severe disease in COVID-19 Omicron patients for evaluation of publication bias

Figure S9. Forest plot of the proportion of asymptomatic infection in COVID-19 Delta patients **Figure S10.** Forest plot of the proportion of non-severe disease in COVID-19 Delta patients

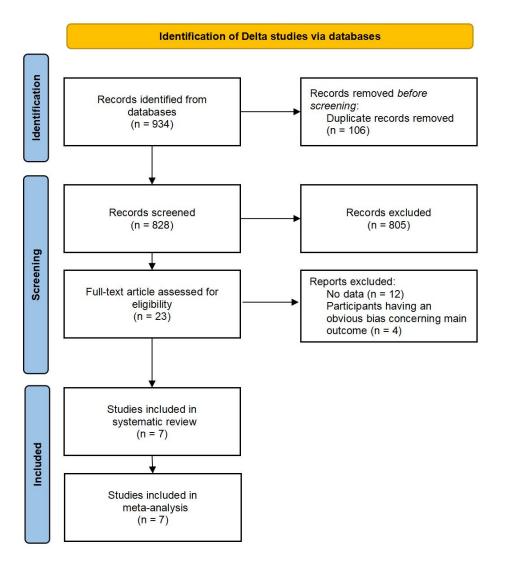
Figure S11. Influential analysis of the proportion of asymptomatic infection in COVID-19 Delta patients

Figure S12. Influential analysis of the proportion of non-severe disease in COVID-19 Delta patients

Figure S13. Funnel plot based on the proportion of asymptomatic infection in COVID-19 Delta patients for evaluation of publication bias

Figure S14. Funnel plot based on the proportion of non-severe disease in COVID-19 Delta patients for evaluation of publication bias

Figure S15. Clinical severity of COVID-19 was decreased during the Omicron wave compared to the Delta wave, especially among individuals with boostered vaccination. (A) Patients infected with SARS-CoV-2 Delta variant (B) Patients infected with SARS-CoV-2 Omicron variant (C) Patients infected with Omicron with boostered vaccination. Data of Non-severe COVID-19 (Symptomatic infection) and Severe and critical COVID-19 are merely calculated according to the results of meta-analysis on proportion of asymptomatic infection and non-severe COVID-19 instead of real statistic results.



Study						Proportion	95%-CI
Omitting Houhamdi et al. (2022)					22	0.25	[0.16; 0.39]
Omitting Li et al. (2022)				-	- 225	0.23	[0.16; 0.34]
Omitting Magen et al. (2022)						0.24	[0.16; 0.36]
Omitting Raju et al. (2022)				100	0.0	0.25	[0.16: 0.38]
Omitting Maisa et al. (2022)					-	0.27	[0.18; 0.41]
Omitting Lefferts et al. (2022)				- 199	<u>-</u>	0.26	[0.17: 0.40]
Omitting Espenhain et al. (2021)					-	0.26	[0.17; 0.40]
Omitting Abu-Raddad et al. (2022)					10	0.23	[0.16; 0.35]
Omitting Kim et al. (2022)				8	0.26	[0.17; 0.40]	
Omitting Public Health Ontario (2021)				1	0.28	[0.19; 0.41]	
Omitting Lee, J.J. et al. (2021)				-	14	0.25	[0.16: 0.39]
Omitting Lee, H.R. et al. (2022)					-	0.26	[0.17: 0.40]
Omitting Fall et al. (2022)				-		0.28	[0.19; 0.41]
Omitting Hajjo et al. (2022)					- 88	0.25	[0.16; 0.38]
Random effects model	_		63		<u> </u>	0.25	[0.17; 0.38]
		and the second		in the second			
	-04	-0.2	0	0.2	0.4		

Figure S3

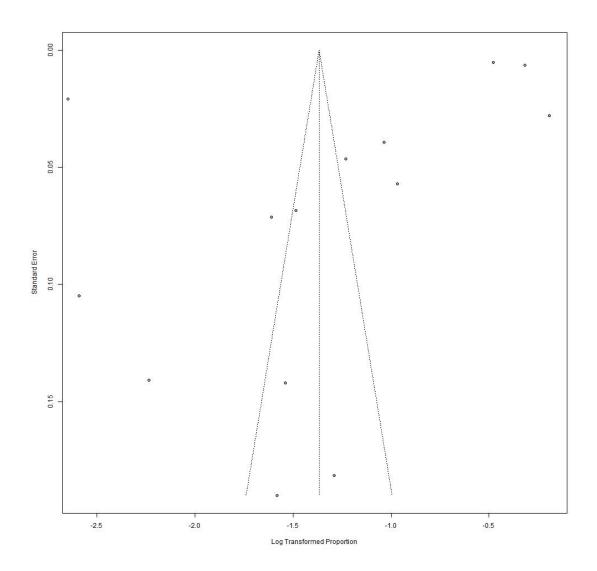
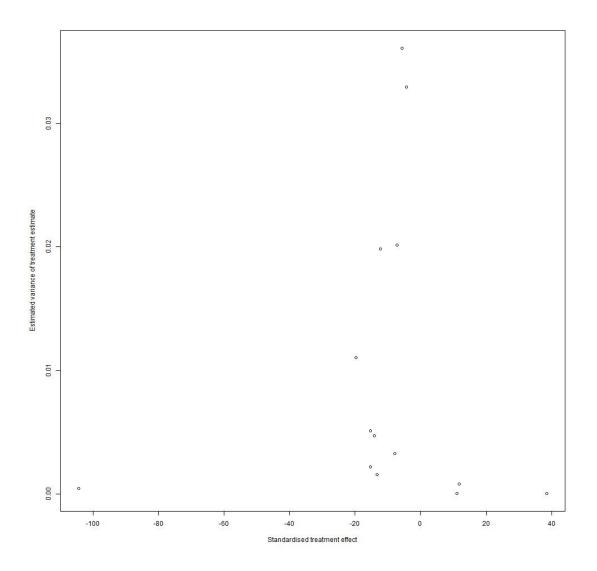


Figure S4



Study			Pro	portion	95%-CI
Omitting Houhamdi et al. (2022)			ICH.	0.98	[0.97; 0.99]
Omitting Li et al. (2022)			Ū.	0.98	[0.97; 0.99]
Omitting Gautret et al. (2022)				0.98	[0.97; 0.99]
Omitting Bar-On et al. (2022)				0.98	[0.97; 0.99]
Omitting Magen et al. (2022)				0.98	[0.97; 0.99]
Omitting Martins-Filho et al. (2022)				0.98	[0.97; 0.99]
Omitting Wrenn et al. (2022)				0.98	[0.97; 0.99]
Omitting Butt et al. (2022)				0.98	[0.97; 0.99]
Omitting Cochran et al. (2022)				0.98	[0.98; 0.99]
Omitting Raju et al. (2022)			10 I.	0.98	[0.97; 0.99]
Omitting Paredes et al. (2022)				0.98	[0.97; 0.99]
Omitting Martin et al. (2022)				0.98	[0.97; 0.99]
Omitting Veneti et al. (2022)			1	0.98	[0.97; 0.99]
Omitting Nyberg et al. (2022)				0.98	[0.97; 0.99]
Omitting Maisa et al. (2022)				0.98	[0.97; 0.99]
Omitting Kahn et al. (2022)				0.98	[0.97; 0.99]
Omitting Hussey et al. (2022)					[0.97; 0.99]
Omitting Espenhain et al. (2021)				0.98	[0.97; 0.99]
Omitting Cloete et al. (2022)				0.98	[0.97; 0.99]
Omitting Davies et al. (2022)			Ę.		[0.97; 0.99]
Omitting Goga et al. (2021)				0.98	[0.97; 0.99]
Omitting Abu-Raddad et al. (2022)					[0.97; 0.99]
Omitting Wolter et al. (2022)			1		[0.97; 0.99]
Omitting Wang et al. (2022)					[0.97; 0.99]
Omitting Patalon et al. (2022)					[0.97; 0.99]
Omitting Kim et al. (2022)					[0.97; 0.99]
Omitting Madhi et al. (2022)					[0.97; 0.99]
Omitting Lewnard et al. (2022)					[0.97; 0.99]
Omitting Tseng et al. (2022)					[0.97; 0.99]
Omitting Kruticov et al. (2022)			ų.,		[0.97; 0.99]
Omitting Dorabawila et al. (2022)					[0.97; 0.99]
Omitting Public Health Ontario (2021)					[0.97; 0.99]
Omitting Wang et al. (2022)					[0.97; 0.99]
Omitting Wang et al. (2022)					[0.97; 0.99]
Omitting Wang et al. (2022)					[0.97; 0.99]
Omitting Wang et al. (2022)					[0.97; 0.99]
Omitting Ulloa et al. (2022)					[0.97; 0.99]
Omitting Adhikari et al. (2022)					[0.97; 0.99]
Omitting Lee, J.J. et al. (2021)					[0.97; 0.99]
Omitting Ilter et al. (2022)					[0.97; 0.99]
Omitting Fall et al. (2022)					[0.97; 0.99]
Omitting Wang et al. (2022)					[0.97; 0.99]
Omitting Peralta-Santos et al. (2022)					[0.97; 0.99]
Omitting Cedro-Tanda et al. (2022)					[0.97; 0.99]
Omitting Paredes et al. (2022)					[0.97; 0.99]
Omitting Hajjo et al. (2022)				0.98	[0.97; 0.99]
Random effects model	ı î		ł	0.98	[0.97; 0.99]
	-0.5 0	0.5			

Study	Events	Total	Prop	ortion	95%-CI	Weight
estimated = Yes			<u> </u>			
Houhamdi et al. (2022)	1098	1119		0.98	[0.97; 0.99]	2.2%
Martins-Filho et al. (2022)	13085	13309		0.98	[0.98; 0.99]	2.2%
Wrenn et al. (2022)	249	263		0.95	[0.91: 0.97]	1.8%
Butt et al. (2022)	963	985		0.98	[0.97; 0.99]	2.2%
Cochran et al. (2022)	257	347 -		0.74	[0.69: 0.79]	1.0%
Paredes et al. (2022)	5326	5362	+	0.99	[0.99; 1.00]	2.2%
Veneti et al. (2022)	39433	39524			[1.00; 1.00]	2.2%
Nyberg et al. (2022)	1058235	1067859			[0.99; 0.99]	2.2%
Maisa et al. (2022)	414	421			[0.97; 0.99]	2.1%
Kahn et al. (2022)	29418	29539	1		[1.00; 1.00]	2.2%
Hussey et al. (2022)	1385	1486			[0.92: 0.94]	2.1%
Espenhain et al. (2021)	776	785			[0.98; 0.99]	2.2%
Cloete et al. (2022)	5825	6287			[0.92; 0.93]	2.2%
Davies et al. (2022)	4882	5104			[0.95; 0.96]	2.2%
Goga et al. (2021)	17242	17650			[0.97; 0.98]	2.2%
Wolter et al. (2022)	10286	10547	+		[0.97; 0.98]	2.2%
Wang et al. (2022)	7123	7198			[0.99; 0.99]	2.2%
Patalon et al. (2022)	101255	101737	1		[0.99: 1.00]	2.2%
Madhi et al. (2022)	211143	226932			[0.93; 0.93]	2.2%
Lewnard et al. (2022)	228746	230006			[0.99: 0.99]	2.2%
Tseng et al. (2022)	30573	30612			[1.00; 1.00]	2.2%
Kruticov et al. (2022)	400	407			[0.96; 0.99]	2.1%
Dorabawila et al. (2022)	294161	295235	100		[1.00; 1.00]	2.2%
Public Health Ontario (2021)	30247	30326			[1.00; 1.00]	2.2%
Wang et al. (2022)	11355	11556			[0.98: 0.98]	2.2%
Wang et al. (2022)	18518	18715			[0.99; 0.99]	2.2%
Wang et al. (2022)	89493	91528			[0.98; 0.98]	2.2%
Wang et al. (2022)	23080	25215	•		[0.91; 0.92]	2.2%
Ulloa et al. (2022)	37181	37296			[1.00; 1.00]	2.2%
liter et al. (2022)	130	135			[0.92; 0.99]	1.7%
Fall et al. (2022)	1087	1121			[0.96; 0.98]	2.2%
Wang et al. (2022)	13794	14040	13		[0.98; 0.98]	
Peralta-Santos et al. (2022)	6565	6581	101		[1.00; 1.00]	2.2%
Cedro-Tanda et al. (2022)	241	243			[0.97; 1.00]	2.2%
Paradas at al (2022)	5326	5362			[0.99; 1.00]	2.2%
Wang et al. (2022) Peralta-Santos et al. (2022) Cedro-Tanda et al. (2022) Paredes et al. (2022) Random effects model	5520	2334832	•		[0.96; 0.99]	
Heterogeneity: $l^2 = 100\%$, $\tau^2 = 0.0013$	p = 0	LUUTIOUL		0101	[ereat erea]	1.011.14
estimated = No						
Li et al. (2022)	269	269		1.00	[0.99; 1.00]	2.2%
Gautret et al. (2022)	2949	3000	100 M		[0.98; 0.99]	2.2%
Bar-On et al. (2022)	162957	164636		0.99	[0.99; 0.99]	2.2%
Magen et al. (2022)	21692	21990			[0.98; 0.99]	2.2%
Raju et al. (2022)	1162	1175			[0.98; 0.99]	2.2%
Martin et al. (2022)	4370	4376			[1.00: 1.00]	2.2%
Abu-Raddad et al. (2022)	8673	8673			[1.00; 1.00]	2.2%
Kim et al. (2022)	182	182			[0.98; 1.00]	2.2%
Adhikari et al. (2022)	904	912			[0.98; 1.00]	2.2%
Lee, J.J. et al. (2021)	80	80			[0.95; 1.00]	2.1%
Hajjo et al. (2022)	495	500			[0.98; 1.00]	2.2%
Random effects model		205793	\$		[0.99; 1.00]	
Heterogeneity: $l^2 = 99\%$, $\tau^2 = < 0.0001$, p = 0				Turni unol	
Random effects model		2540625	¢	0.98	[0.97; 0.99]	100.0%

Figure S7

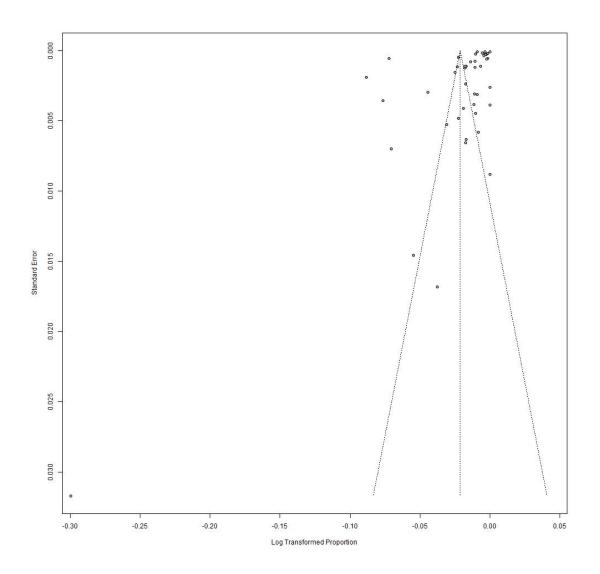
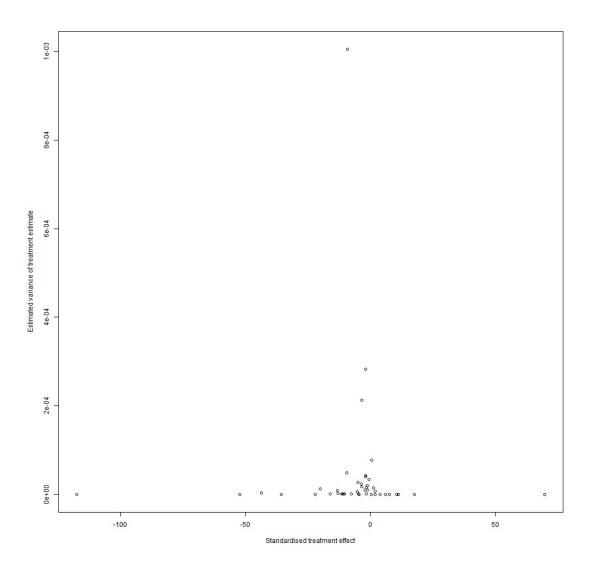


Figure S8



Study	Events Total		Proportion	95%-CI	Weight
Shoji et al. (2022)	36 349		- 0.10	[0.07; 0.14]	31.0%
Sritipsukho et al. (2022)	67 1118		0.06	[0.05; 0.08]	32.0%
Ryu et al. (2021)	73 479		• 0.15	[0.12; 0.19]	32.2%
Li et al. (2021)	0 153 -		0.00	[0.00; 0.02]	4.8%
Random effects model Heterogeneity: $I^2 = 93\%$, $\tau^2 = 0$	2099		0.08	[0.04; 0.16]	100.0%
neterogeneity. r = 55 %, t = 1	0	0.05 0.1	0.15		

Study	Events	Total		Proportion	95%-CI	Weight
Song et al. (2022)	145	181 -	- H	0.80	[0.74; 0.86]	12.0%
Shoji et al. (2022)	338	349		0.97	[0.94; 0.98]	15.9%
Veneti et al. (2021)	7870	7977		0.99	[0.98; 0.99]	16.3%
Sritipsukho et al. (2022)	1048	1118		0.94	[0.92; 0.95]	16.0%
Sánchez Ruiz et al. (2022)	60	68		0.88	[0.78; 0.95]	10.8%
Ryu et al. (2021)	429	479		0.90	[0.86; 0.92]	15.3%
Li et al. (2021)	137	153		0.90	[0.84; 0.94]	13.6%
Random effects model		10325		0.91	[0.87; 0.96]	100.0%
Heterogeneity: $I^2 = 95\%$, $\tau^2 = 0.0$	039, p < 0	.01	6 08 085 09 095			

Proportion	95%-CI
0.05	[0.01; 0.28]
0.06	[0.01; 0.37]
0.05	[0.01; 0.18]
0.10	[0.06; 0.17]
0.08	[0.04; 0.16]
	0.05 0.06 0.05 0.05 0.10

Study				Pr	oportion	95%-CI	
Omitting Song et al. (2022)				Ċ1	0.93	[0.90; 0.97]	
Omitting Shoji et al. (2022)					0.90	[0.86; 0.95]	
Omitting Veneti et al. (2021)				100	0.90	[0.86; 0.95]	
Omitting Sritipsukho et al. (2022)				and the second sec	0.91	[0.86; 0.96]	
Omitting Sánchez Ruiz et al. (2022)					0.92	[0.87; 0.97]	
Omitting Ryu et al. (2021)				100	0.92	[0.86; 0.97]	
Omitting Li et al. (2021)					0.92	[0.86; 0.97]	
Random effects model				÷	0.91	[0.87; 0.96]	
	1		1				
	-0.5	0	0.5				

Figure S13

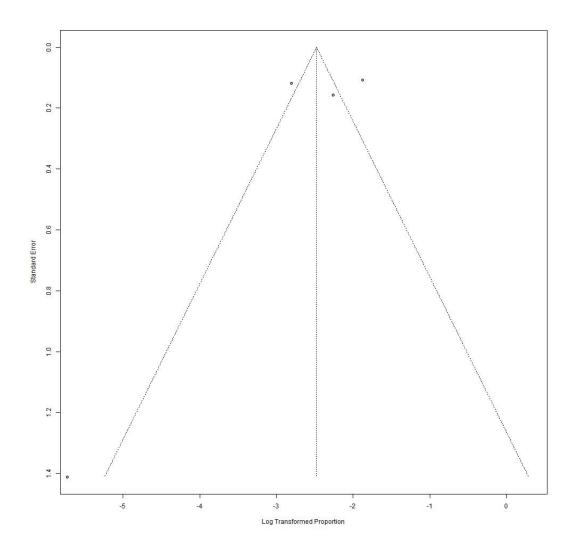


Figure S14

