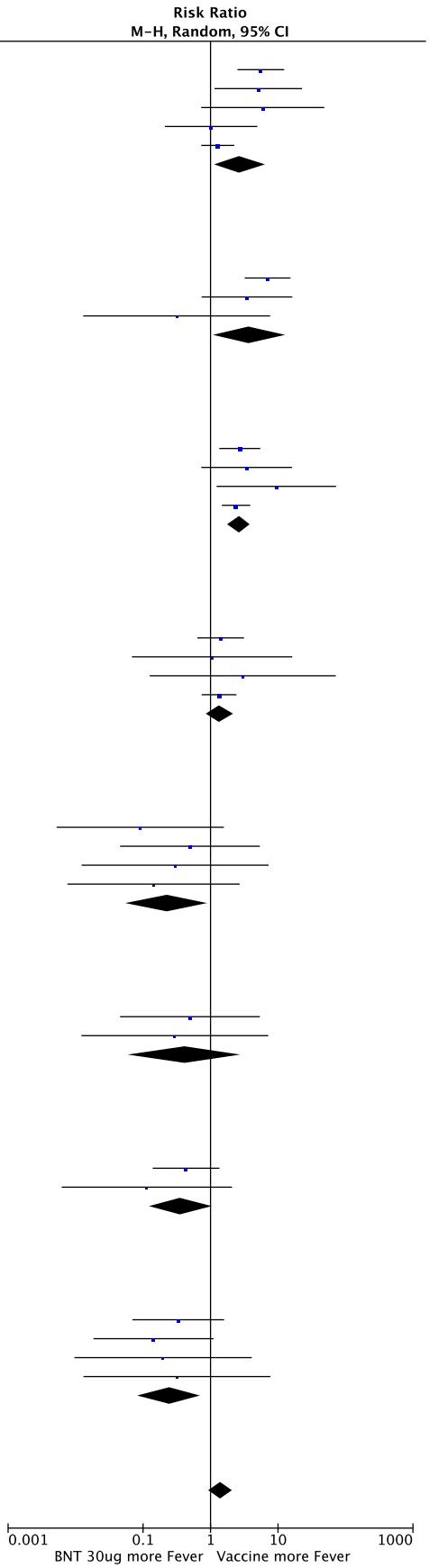Study or Subgroup	Vaccine Events	Vaccine Total	BNT162b2 30ug Events	BNT162b2 30ug Total	Weight	Risk Ratio M-H, Random, 95% CI
4.1.1 Ad26.COV2.S						
Costa Clemens 2022 - Ad26.COV2.S	35	305	7	339	6.4%	5.56 [2.51, 12.33]
Munro 2021 - Ad26.COV2S (BNT162b2 primed)	10	103	2	105	4.0%	5.10 [1.14, 22.70]
Munro 2021 - Ad26.COV2S (ChAdOx-1 primed)	6	102	1	101	2.7%	5.94 [0.73, 48.47]
Reindl-Schwaighofer 2022 - Ad26.COV2.S	3	99	3	101	3.8%	1.02 [0.21, 4.93]
Sablerolles 2022 - Ad26.COV2.S	22	106	18	111	7.2%	1.28 [0.73, 2.25]
Subtotal (95% CI)		**715**		**757**	**24.0%**	**2.73 [1.14, 6.57]**
Total events	76		31			
Heterogeneity: Tau^2 = 0.60; Chi^2 = 12.31, df = 4 (P = 0.02); I^2 = 67%						
Test for overall effect: Z = 2.24 (P = 0.02)						
4.1.2 ChAdOx-1						
Costa Clemens 2022 - ChAdOx-1	44	304	7	339	6.4%	7.01 [3.21, 15.33]
Munro 2021 - ChAdOx-1 (BNT162b2 primed)	7	106	2	105	3.9%	3.47 [0.74, 16.30]
Munro 2021 - ChAdOx-1 (ChAdOx-1 primed)	0	107	1	101	1.4%	0.31 [0.01, 7.64]
Subtotal (95% CI)		**517**		**545**	**11.7%**	**3.79 [1.10, 12.99]**
Total events	51		10			
Heterogeneity: Tau^2 = 0.57; Chi^2 = 3.79, df = 2 (P = 0.15); I^2 = 47%						
Test for overall effect: Z = 2.12 (P = 0.03)						
4.1.3 mRNA-1273 100ug						
Chuang 2022 - mRNA-1273 100ug	25	85	9	83	6.7%	2.71 [1.35, 5.46]
Munro 2021 - mRNA-1273 100ug (BNT162b2 primed)	7	107	2	105	3.9%	3.43 [0.73, 16.15]
Munro 2021 - mRNA-1273 100ug (ChAdOx-1 primed)	10	107	1	101	2.8%	9.44 [1.23, 72.42]
Sablerolles 2022 - mRNA-1273 100ug	43	111	18	111	7.5%	2.39 [1.47, 3.87]
Subtotal (95% CI)		**410**		**400**	**20.8%**	**2.66 [1.82, 3.88]**
Total events	85		30			
Heterogeneity: Tau^2 = 0.00; Chi^2 = 1.85, df = 3 (P = 0.60); I^2 = 0%						
Test for overall effect: Z = 5.06 (P < 0.00001)						
4.1.4 mRNA-1273 50ug						
Chuang 2022 - mRNA-1273 50ug	13	85	9	83	6.4%	1.41 [0.64, 3.12]
Munro 2022 - mRNA-1273 50ug (4th BNT162b2 primed)	1	37	1	39	1.8%	1.05 [0.07, 16.24]
Munro 2022 - mRNA-1273 50ug (4th ChAdOx-1 primed)	1	44	0	44	1.4%	3.00 [0.13, 71.70]
Poh 2022 - mRNA-1273 50ug	17	45	13	46	7.1%	1.34 [0.74, 2.42]
Subtotal (95% CI)		**211**		**212**	**16.7%**	**1.38 [0.87, 2.19]**
Total events	32		23			
Heterogeneity: Tau^2 = 0.00; Chi^2 = 0.28, df = 3 (P = 0.96); I^2 = 0%						
Test for overall effect: Z = 1.35 (P = 0.18)						
4.1.5 BNT162b2 15ug						
Intapiboon 2021 BNT162b2 15ug	0	30	5	30	1.7%	0.09 [0.01, 1.57]
Munro 2021 - BNT162b2 15ug (BNT162b2 primed)	1	106	2	105	2.2%	0.50 [0.05, 5.38]
Munro 2021 - BNT162b2 15ug (ChAdOx-1 primed)	0	113	1	101	1.4%	0.30 [0.01, 7.24]
Nantanee 2022 - BNT162b2 15ug	0	50	3	50	1.6%	0.14 [0.01, 2.70]
Subtotal (95% CI)		**299**		**286**	**6.9%**	**0.23 [0.06, 0.91]**
Total events	1		11			
Heterogeneity: Tau^2 = 0.00; Chi^2 = 0.97, df = 3 (P = 0.81); I^2 = 0%						
Test for overall effect: Z = 2.09 (P = 0.04)						
4.1.6 NVX-CoV2373						
Munro 2021 - NVX-CoV2373 (BNT162b2 primed)	1	106	2	105	2.2%	0.50 [0.05, 5.38]
Munro 2021 - NVX-CoV2373 (ChAdOx-1 primed)	0	114	1	101	1.4%	0.30 [0.01, 7.18]
Subtotal (95% CI)		**220**		**206**	**3.6%**	**0.41 [0.06, 2.78]**
Total events	1		3			
Heterogeneity: Tau^2 = 0.00; Chi^2 = 0.06, df = 1 (P = 0.80); I^2 = 0%						
Test for overall effect: Z = 0.91 (P = 0.36)						
4.1.7 Other Protein Subunit						
Chuang 2022 - MCV-COV1901	4	85	9	83	5.1%	0.43 [0.14, 1.35]
Launay 2022 - MVB.1.351	0	80	4	82	1.6%	0.11 [0.01, 2.08]
Subtotal (95% CI)		**165**		**165**	**6.8%**	**0.36 [0.13, 1.05]**
Total events	4		13			
Heterogeneity: Tau^2 = 0.00; Chi^2 = 0.74, df = 1 (P = 0.39); I^2 = 0%						
Test for overall effect: Z = 1.87 (P = 0.06)						
4.1.8 Inactivated						
Costa Clemens 2022 - CoronaVac	2	291	7	339	3.8%	0.33 [0.07, 1.59]
Mok 2022 - CoronaVac	1	40	7	40	2.7%	0.14 [0.02, 1.11]
Munro 2021 - VLA2001 (BNT162b2 primed)	0	106	2	105	1.5%	0.20 [0.01, 4.08]
Munro 2021 - VLA2001 (ChAdOx-1 primed)	0	106	1	101	1.4%	0.32 [0.01, 7.71]
Subtotal (95% CI)		**543**		**585**	**9.5%**	**0.24 [0.08, 0.72]**
Total events	3		17			
Heterogeneity: Tau^2 = 0.00; Chi^2 = 0.46, df = 3 (P = 0.93); I^2 = 0%						
Test for overall effect: Z = 2.55 (P = 0.01)						
Total (95% CI)		**3080**		**3156**	**100.0%**	**1.41 [0.93, 2.14]**
Total events	253		138			
Heterogeneity: Tau^2 = 0.54; Chi^2 = 68.32, df = 27 (P < 0.0001); I^2 = 60%						
Test for overall effect: Z = 1.63 (P = 0.10)						
Test for subgroup differences: Chi^2 = 39.18, df = 7 (P < 0.00001), I^2 = 82.1%