

**Supplementary Table 1.** Bivariate associations of number of doses received with post-tussive vomiting and severe disease, stratified by age group

Number of pertussis-containing doses	Post-tussive vomiting				p-value
	Total	N (%)	OR	95% CI	
<b>3-4 months</b>					
0	28	17 (60.7)	1.04	0.45-2.40	0.70
1	127	76 (59.8)	Ref		
2	17	12 (70.6)	1.61	0.54-4.85	
<b>5-6 months</b>					
0	14	8 (57.1)	1.14	0.35-3.66	0.94
1	21	13 (61.9)	1.39	0.51-3.81	
2	63	34 (54.0)	Ref		
3	9	5 (55.6)	1.07	0.26-4.35	
<b>7-18 months</b>					
0	70	50 (71.4)	1.28	0.71-2.30	0.12
1	15	8 (53.3)	0.58	0.20-1.67	
2	27	20 (74.1)	1.46	0.59-3.60	
3	225	149 (66.2)	Ref		
4	8	2 (25.0)	0.17	0.03-0.86	
<b>19 months – 6 years</b>					
0	232	154 (66.4)	<b>2.50</b>	<b>1.79-3.50</b>	<0.0001
1	41	25 (61.0)	<b>1.98</b>	<b>1.03-3.82</b>	
2	30	18 (60.0)	1.90	0.89-4.05	
3	108	65 (60.2)	<b>1.92</b>	<b>1.24-2.95</b>	
4	720	447 (62.1)	<b>2.07</b>	<b>1.62-2.65</b>	
5	408	180 (44.1)	Ref		
<b>7-12 years</b>					
0	181	98 (54.1)	<b>1.65</b>	<b>1.22-2.24</b>	0.0013
1	88	38 (43.2)	1.06	0.69-1.63	
2	33	11 (33.3)	0.70	0.34-1.45	
3	50	21 (42.0)	1.01	0.57-1.78	
4	202	107 (53.0)	<b>1.57</b>	<b>1.18-2.10</b>	
5	2255	941 (41.7)	Ref		
6	362	142 (39.2)	0.90	0.72-1.13	
<b>13-19 years</b>					
0	69	28 (40.6)	1.21	0.74-1.98	0.0099
1	123	55 (44.7)	1.43	0.99-2.08	
2	43	15 (34.9)	0.95	0.50-1.79	
3	32	11 (34.4)	0.93	0.44-1.94	
4	59	29 (49.2)	<b>1.71</b>	<b>1.01-2.88</b>	
5	309	144 (46.6)	<b>1.54</b>	<b>1.20-1.98</b>	
6	1320	477 (36.1)	Ref		