

### A. Subgroup analysis of mortality outcome by vaccine category

Groups	Number of studies	Effect size and 95% C.I			Test of null (2-Tail)		Heterogeneity		
		Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df (Q)	P-value
Experimental	12	0.303	0.182	0.504	-4.593	0.000	2.001	1	0.157
Commercial	3	0.073	0.011	0.490	-2.697	0.007			
Overall	15	0.275	0.168	0.451	-5.135	0.000			

### B. Subgroup analysis of mortality outcome by route of administration

Groups	Number of studies	Effect size and 95% C.I			Test of null (2-tail)		Heterogeneity		
		Point estimate	Lower limit	Upper limit	Z-value	P-value	Q-value	df(Q)	P-value
Combined	3	0.360	0.178	0.731	-2.829	0.005	1.806	3	0.614
Intranasal	3	0.167	0.043	0.648	-2.588	0.010			
Oral	8	0.199	0.071	0.563	-3.046	0.002			
Parenteral	1	0.086	0.002	3.704	-1.279	0.201			
Overall	15	0.266	0.157	0.453	-4.879	0.000			