

Statistical Power (%)



25 50 75

Effect Size (%)

10	6.7	25.9	53.5	69.5	81.5	97
8	4.5	21	34.9	53.4	66.1	93
6	4.9	11	23.6	38.3	47.2	79.6
4	2.7	5.5	15	23.1	27.9	51.9
	1.2	2	3	4	5	10

Exaggeration Factor



3 6 9

10	2.5	1.7	1.3	1.2	1.1	1
8	3.3	2	1.5	1.4	1.2	1.1
6	3.9	2.9	1.8	1.6	1.5	1.2
4	11.5	4.2	2.6	2.2	1.9	1.4
	1.2	2	3	4	5	10

Standard Error (%)



2.5 5.0 7.5 10.0 12.5

10	12.5	6.1	4.1	3	2.5	1.5
8	12.4	6.1	3.9	3	2.4	1.6
6	12.6	5.8	3.9	3	2.5	1.6
4	12.2	6.2	3.9	3	2.5	1.6
	1.2	2	3	4	5	10

Proportion of Air Quality Alerts (%)