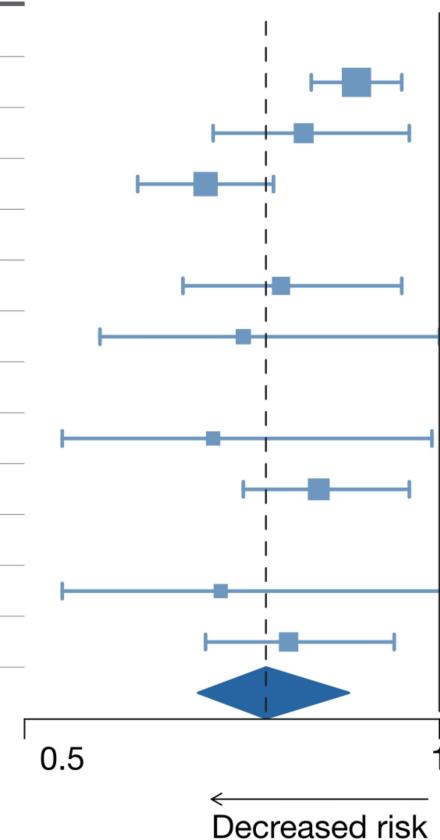


A. Birth order and ever allergic rhinitis

Subgroup	No. of studies	N	RR (95% CI)	I ²	τ ²	df
Birth order						
2	10	88,668	0.89 (0.83-0.95)	54.46	0	7.08
3	7	53,916	0.82 (0.7-0.96)	72.3	0.01	5.39
≥4	5	39,602	0.69 (0.6-0.78)	47.65	0.01	2.95
Study design						
Cohort	8	49,708	0.79 (0.66-0.95)	74.87	0.03	6.61
Cross-sectional	5	44,818	0.74 (0.55-1)	88.65	0.05	3.69
Quality rating						
Strong	5	11,183	0.7 (0.5-0.99)	76.89	0.05	3.84
Moderate	7	77,062	0.84 (0.74-0.96)	82.1	0.02	5.45
Age (years)						
≤12	5	29,007	0.71 (0.5-1.01)	77.41	0.05	3.81
≥13	8	65,519	0.8 (0.69-0.94)	84.34	0.03	6.54
Overall	13	135,046	0.77 (0.68-0.88)	81.25	0.03	11.15



B. Sibship size and ever allergic rhinitis

Subgroup	No. of studies	N	RR (95% CI)	I ²	τ ²	df
Sibship size						
2	5	579,291	0.96 (0.88-1.05)	43.34	0	2.39
3	5	571,760	0.9 (0.81-0.99)	31.67	0	2.09
Overall	7	699,896	0.9 (0.78-1.03)	92.01	0.02	5.64

