

Table S5: Association between wheeze phenotypes at baseline and 2-year follow-up

Age at baseline (years)	Age at follow-up (years)	Phenotype at baseline	N* (100 %)	No wheeze at follow-up n (%)	n (%)	EVW at follow-up		n (%)	MTW at follow-up	
						Crude RRR [†] (95% CI)	Adj. RRR ^{†‡} (95% CI)		Crude RRR ^{†‡} (95% CI)	Adj RRR [†] (95% CI)
ALSPAC										
2	4	No wheeze	6465	5934 (91.8)	237 (3.7)	1	1	294 (4.6)	1	1
		EVW	591	337 (57.0)	126 (21.3)	9.4 (7.4, 11.9)	4.6 (3.3, 6.4)	128 (21.7)	7.7 (6.1, 9.7)	3.2 (2.3, 4.3)
		MTW	699	311 (44.5)	73 (10.4)	5.9 (4.4, 7.8)	2.2 (1.5, 3.3)	315 (45.1)	20.5 (16.8, 24.8)	6.2 (4.6, 8.4)
4	6	No wheeze	6271	6057 (96.6)	79 (1.3)	1	1	135 (2.2)	1	1
		EVW	392	262 (66.8)	79 (20.2)	23.1 (16.5, 32.3)	8.0 (4.9, 13.1)	51 (13.0)	8.7 (6.2, 12.3)	2.0 (1.2, 3.3)
		MTW	616	282 (45.8)	52 (8.4)	14.1 (9.8, 20.5)	3.3 (1.9, 6.0)	282 (45.8)	44.9 (35.4, 56.9)	6.7 (4.3, 10.4)
LRC										
2	4	No wheeze	1461	1301 (89.1)	60 (4.1)	1	1	100 (6.8)	1	1
		EVW	176	120 (68.2)	27 (15.3)	4.9 (3.0, 8.0)	4.1 (2.2, 7.5)	29 (16.5)	3.1 (2.0, 4.9)	1.8 (1.0, 3.2)
		MTW	216	97 (44.9)	23 (10.7)	5.1 (3.0, 8.7)	3.3 (1.4, 7.7)	96 (44.4)	12.9 (9.1, 18.2)	4.1 (2.1, 7.9)
4	6	No wheeze	1459	1360 (93.2)	28 (1.9)	1	1	71 (4.9)	1	1
		EVW	95	60 (63.2)	19 (20.0)	15.4 (8.1, 29.1)	15.5 (7.3, 32.9)	16 (16.8)	5.1 (2.8, 9.3)	4.0 (2.0, 8.0)
		MTW	213	82 (38.5)	14 (6.6)	8.3 (4.2, 16.4)	7.0 (2.6, 18.9)	117 (54.9)	27.3 (18.9, 39.6)	15.6 (8.3, 29.2)

Abbreviations: ALSPAC Avon Longitudinal Study on Parents and Children, LRC Leicestershire Respiratory Cohort 1998-b, EVW episodic viral wheeze, MTW multiple trigger wheeze, RRR relative risk ratio

* Numbers include only children with classifiable wheeze (see Table 1) or no wheeze at baseline and follow-up

[†] Results from multinomial regression analysis including non-classifiable wheeze (see Table 1) but results for this category are not reported here.

[‡] Adjusted for symptom severity at baseline (frequent attacks, shortness of breath, sleep disturbance, interference with activities and speech limitation).