

Supplementary tables

Supplementary Table 1: Cross-tabulation of additional wheezing outcomes and GPRD asthma

ALSPAC asthma outcome		GP-recorded diagnosis of asthma		Overall
		No	Yes	
Wheezing reported on at least three occasions	No	101 (87.8%)	8	109
	Yes	14	18 (69.2%)	32 (22.7%)
Wheezing reported on at least four occasions	No	106 (92.1%)	15	121
	Yes	9	11 (42.3%)	20 (14.2%)
Wheezing reported after age 3 on at least two occasions	No	107 (93.0%)	11	118
	Yes	8	15 (57.7%)	23 (16.3%)
Reported frequent wheeze on at least two occasions	No	108 (93.9%)	12	130
	Yes	7	14 (53.8%)	21 (14.9%)
Reported frequent wheeze on at least three occasions	No	115 (100%)	19	134
	Yes	0	7 (26.9%)	7 (5.0%)
Reported frequent wheeze after age 3 years on at least two occasions	No	113 (98.3%)	16	129
	Yes	2	10 (38.5%)	12 (8.5%)

Supplementary Table 2: Cross-tabulation of objective measurements (and BHR combined with parent report of a doctor's diagnosis) and GPRD asthma

ALSPAC asthma outcome		GP-recorded diagnosis of asthma		Overall
		No	Yes	
BHR	No	44 (74.6%)	8	52
	Yes	15	8 (50.0%)	23 (30.7%)
FEV ₁ :FVC ratio < 85%	No	66 (78.6%)	15	81
	Yes	18	8 (34.8%)	26 (23.9%)
Any positive skin prick test	No	68 (82.9%)	13	81
	Yes	14	4 (23.5%)	18 (18.2%)
Doctor diagnosis by 7½ years + BHR	No	110 (99.1%)	10	120
	Yes	1	8 (44.4%)	9 (7.0%)