

**Table S3: Characteristics of children at age 2 years according to phenotype of wheeze**

Characteristics	EVW		MTW		NCW		P*
	n/N	%	n/N	%	n/N	%	
<b>ALSPAC</b>	<b>N=752</b>		<b>N=928</b>		<b>N=122</b>		
Sex male	440/752	58.5	559/928	60.2	70/122	57.4	0.698
Ethnicity white	724/734	98.6	844/884	95.5	114/116	98.3	<0.001
Maternal smoking during pregnancy	192/749	25.6	298/915	32.6	43/121	35.5	0.003
Older siblings ( $\geq 1$ )	439/708	62.0	522/850	61.4	64/111	57.7	0.682
Crowding, >1 person/room	144/655	22.0	251/799	31.4	45/98	45.9	<0.001
Pet ownership	395/682	57.9	479/832	57.6	51/103	49.5	0.262
<b>LRC</b>	<b>N=229</b>		<b>N=295</b>		<b>N=9</b>		
Sex male	134/229	58.5	181/295	61.4	2/9	22.2	0.058
Ethnicity white	203/229	88.6	259/295	87.8	8/9	88.9	0.954
Maternal smoking during pregnancy	35/220	15.9	69/292	23.6	2/9	22.2	0.099
Older siblings ( $\geq 1$ )	145/217	66.8	192/283	67.8	6/9	66.7	0.970
Crowding, >1 person/room	95/222	42.8	135/286	47.2	4/9	44.4	0.612
Pet ownership	98/227	43.2	107/293	36.5	2/9	22.2	0.176

Abbreviations: ALSPAC Avon Longitudinal Study on Parents and Children, LRC Leicestershire Respiratory Cohort 1998-b, EVW episodic viral wheeze, MTW multiple trigger wheeze, NCW Non-classifiable wheeze

\* P-values from  $\chi^2$ -tests