

Table S1 : Questions used to assess severity of wheeze and definition of severity indicators

ALSPAC	LRC
<p>Wheeze severity:</p> <p>1) In the past year has she/he had any periods when there was wheezing with whistling on his chest when he breathed?</p> <ul style="list-style-type: none"> i. Yes ii. No <p>b. How many separate times has this happened in the past 12 months?</p> <ul style="list-style-type: none"> i. Once ii. Twice iii. 3-4 times iv. 5 or more times <p>c. Was she/he breathless during any of these times?</p> <ul style="list-style-type: none"> i. Yes for all ii. Yes for some iii. No not at all <p>d. How often, on average, has your child's sleep been disturbed due to wheezing in the past 12 months?</p> <ul style="list-style-type: none"> i. Never woken with wheezing ii. Less than one night per week iii. One or more nights per week <p>e. Has wheezing ever been severe enough to limit your child's speech to only one or two words at a time between breaths in the past 12 months?</p> <ul style="list-style-type: none"> i. Yes ii. No 	<p>Wheeze severity:</p> <p>1) How many attacks of wheezing has your child had during the last 12 months?</p> <ul style="list-style-type: none"> i. None ii. 1 to 3 iii. 4 to 12 iv. More than 12 <p>2) Do these attacks cause him/her to be short of breath? (only asked in 1999)</p> <ul style="list-style-type: none"> i. Yes, always ii. Yes, occasionally iii. No, never <p>3) In the last 12 months, how often, on average, has your child's sleep been disturbed due to wheezing?</p> <ul style="list-style-type: none"> i. Never woken with wheezing ii. Less than one night per week iii. One or more nights per week <p>4) In the last 12 months, how much did wheezing interfere with your child's daily activities?</p> <ul style="list-style-type: none"> i. Not at all ii. A little iii. A moderate amount iv. A lot
<p>Definition of severity indicators:</p> <p>Frequent attacks: 1.b.iii or 1.b.iv (≥ 3 attacks)</p> <p>Shortness of breath: 1.c.i or 1.c.ii</p>	<p>Definition of severity indicators:</p> <p>Frequent attacks: 1. iii or 1.iv (≥ 4 attacks)</p> <p>Shortness of breath: 2.i or 2.ii</p>

Sleep disturbance: 1.d.ii or 1.d.iii Speech limitation: 1.e.i	Sleep disturbance: 3.ii or 3.iii Interference with activities: 4.ii, 4.iii, or 4.iv
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