**Supplemental Table 3.** Results of first stage univariable analysis and descriptive statistics for demographic and early childhood variables associated with persistent speech sound disorder (SSD; reporting all ps including those > .1, which were not carried through to the within-groups

stage analysis). Bold values indicate p < .1.

Grouped variables <sup>a</sup>	Category‡	Total sample N	Case children summary data <sup>b</sup>	Rest of the cohort summary data <sup>b</sup>	Univariable model odds ratio [95% CI]	p
Demographics						
Gender*	Female	6662	94 (2.8)	3303 (97.2)	1.0	<.001
Gender	Male	0002	169 (5.2)	3096 (94.8)	1.92 [1.48, 2.48]	< .001
Ethnicity*	White	6066	233 (4.0)	5603 (96.0)	1.0	.69
Etimicity	Non-White	0000	8 (3.5)	222 (96.5)	0.87 [0.42, 1.78]	.09
	<sup>i</sup> O'level		79 (3.6)	2093 (96.4)	1.0	
Level of maternal education*	< O'level	6166	70 (5.2)	1265 (94.8)	1.47 [1.05, 2.04]	.025
	> O'level		93 (3.5)	2566 (96.5)	0.96 [0.71, 1.30]	
Maternal occupation*†	Nonmanual	5909	156 (3.3)	4616 (96.7)	1.0	<.001
	Manual	3909	64 (5.6)	1073 (94.4)	1.76 [1.31, 2.38]	
Home ownership*	Mortgages/owned	6199	174 (3.4)	5007 (96.6)	1.0	< .001
	Rented/other	0199	70 (6.9)	948 (93.1)	2.12 [1.60, 2.83]	< .001
Maternal age**		6382	29.2 (4.8)	29.1 (4.6)	1.01 [0.98, 1.03]	.72
Environment						
	1st child		84 (2.9)	2805 (97.1)	1.0	<.001
Parity*	2nd child	6161	100 (4.6)	2068 (95.4)	1.61 [1.20, 2.17]	
	3rd child or more	1	55 (5.0)	1049 (95.0)	1.75 [1.24, 2.48]	
I amount on the standard for the house.	No	5399	194 (3.8)	4959 (96.2)	1.0	.024
Languages other than English used in the home*	Yes	3399	17 (6.9)	229 (93.1)	1.90 [1.14, 3.17]	
Child attends day nursery/crèche at age 8 weeks*	No	6067	232 (3.9)	5792 (96.1)	1.0	.79
Clind attends day nursery/crecile at age 8 weeks.	Yes	0007	2 (4.7)	41 (95.3)	1.22 [0.29, 5.07]	1 ./9
Child attends day nursery/crèche at age 8 months*	No	5874	219 (3.9)	5411 (96.1)	1.0	.40
China attenus day nursery/creche at age 8 months*	Yes	38/4	7 (2.9)	237 (97.1)	0.73 [0.34, 1.57]	.40
Child attends day nursery/crèche at age 15	No	5000	211 (3.9)	5270 (96.1)	1.0	0.2
months*	Yes	5888	16 (3.9)	391 (96.1)	1.02 [0.61, 1.72]	.93
Child attends day nursery/crèche at age 24	No	5768	206 (4.0)	4965 (96.0)	1.0	.16

months*	Yes		17 (2.9)	580 (97.1)	0.71 [0.43, 1.17]	
Child attends playgroup, nursery, or a childminder	No	2763	68 (4.0)	1656 (96.0)	1.0	.39
at age 33 months*	Yes	2/03	48 (4.6)	991 (95.4)	1.18 [0.81, 1.72]	.39
Child attends day nursery/crèche at age 38	No	5770	150 (4.2)	3441 (95.8)	1.0	001
months*	Yes	3770	72 (3.3)	2107 (96.7)	0.78 [0.59, 1.04]	.091
Child attends playgroup, nursery or childminder at	No	5583	13 (8.1)	148 (91.9)	1.0	.013
age 47 months*	Yes	3383	203 (3.7)	5219 (96.3)	0.44 [0.25, 0.79]	.013
Child attends day nursery/crèche at age 54	No	4756	17 (3.7)	440 (96.3)	1.0	.88
months*	Yes	4/30	166 (3.9)	4133 (96.1)	1.04 [0.63, 1.73]	.00
Mum reads to child at age 18 months*	Almost daily		148 (3.4)	4219 (96.6)	1.0	
	3–5 times per week	5973	52 (4.7)	1050 (95.3)	1.41 [1.02, 1.95]	.003
	< 3 times per week		32 (6.3)	472 (93.7)	1.93 [1.30, 2.87]	
Partner reads to child at age 18 months*	Almost daily	5750	64 (3.2)	1929 (96.8)	1.0	
	3–5 times per week		51 (3.5)	1412 (96.5)	1.09 [0.75, 1.58]	.035
	< 3 times per week		107 (4.7)	2187 (95.3)	1.47 [1.08, 2.02]	
	Almost daily	5984	168 (3.5)	4612 (96.5)	1.0	.012
Either parent reads to child at age 18 months*	3–5 times per week		44 (5.1)	814 (94.9)	1.48 [1.06, 2.09]	
	< 3 times per week		21 (6.1)	325 (93.9)	1.77 [1.11, 2.83]	
	Almost daily		126 (3.4)	3593 (96.6)	1.0	.013
Mum reads to child at age 24 months*	3–5 times per week	5795	66 (4.4)	1421 (95.6)	1.32 [0.98, 1.80]	
	< 3 times per week		34 (5.8)	555 (94.2)	1.75 [1.18, 2.58]	
	Almost daily		140 (3.7)	3620 (96.3)	1.0	.45
Mum reads to child at age 42 months*	1–5 times per week	5727	62 (4.5)	1314 (95.5)	1.22 [0.90, 1.66]	
	< Once per week		23 (3.9)	568 (96.1)	1.05 [0.67, 1.64]	
	Almost daily		69 (4.2)	1590 (95.8)	1.0	
Partner reads to child at age 42 months*	1–5 times per week	5434	61 (3.7)	1587 (96.3)	0.86 [0.62, 1.26]	.77
	< Once per week		81 (3.8)	2046 (96.2)	0.91 [0.66, 1.27]	
	Almost daily		18 (3.9)	445 (96.1)	1.0	
Another person reads to child at age 42 months*	1–5 times per week	2793	35 (4.1)	812 (95.9)	1.07 [0.60, 1.90]	.68
	< Once per week		51 (3.4)	1432 (96.6)	0.88 [0.51, 1.52]	
	≤ 0.5		90 (3.0)	2913 (97.0)	0.1	
Overage with a index at 0 weeks acceptable == *9	> 0.5–0.75	6122	80 (4.2)	1834 (95.8)	1.41 [1.04, 1.92]	z 001
Overcrowding index at 8 weeks gestation*§	> 0.75–1	6132	45 (4.6)	929 (95.4)	1.57 [1.09, 2.26]	< .001
	> 1		22 (9.1)	219 (90.9)	3.25 [2.00, 5.29]	

	≤ 0.5		37 (3.0)	1180 (97.0)	1.0	
0 1''. 1	> 0.5-0.75	5500	71 (3.2)	2152 (96.8)	1.05 [0.70, 1.58]	006
Overcrowding index at age 21 months*§	> 0.75-1	5522	46 (5.0)	875 (95.0)	1.68 [1.08, 2.61]	.006
	> 1		59 (5.1)	1102 (94.9)	1.71 [1.12, 2.60]	
	≤ 0.5		40 (3.7)	1052 (96.3)	1.0	
Overcrowding index at age 33 months*§	> 0.5-0.75	5501	70 (3.2)	2108 (96.8)	0.87 [0.59, 1.30]	002
	> 0.75-1	5501	91 (4.8)	1817 (95.2)	1.32 [0.90, 1.93]	.083
	> 1		12 (3.7)	311 (96.3)	1.01 [0.53, 1.96]	
		•				
Family history of speech and language therapy	No	C125	218 (3.7)	5642 (96.3)	1.0	005
attendance*	Yes	6135	20 (7.3)	255 (92.7)	2.03 [1.26, 3.26]	.007
Duamatuma kinda	No	6202	237 (3.9)	5773 (96.1)	1.0	0.6
Premature birth*	Yes	6382	14 (3.8)	358 (96.2)	0.95 [0.55, 1.65]	.86
	Spontaneous		152 (4.5)	3198 (95.5)	1.0	
Method of delivery*	Assisted	4434	21 (3.6)	563 (96.4)	0.78 [0.49, 1.25]	.11
	Elective caesarean		6 (3.2)	182 (96.8)	0.69 [0.30, 1.59]	
	Emergency		22 (7.1)	290 (92.9)	1.60 [1.00, 2.54]	
	caesarean					
Pregnancy complications—Hypertension*	No	6662	256 (3.9)	6232 (96.1)	1.0	.96
	Yes	0002	7 (4.0)	167 (96.0)	1.02 [0.47, 2.20]	.50
Pregnancy complications—Unexplained abdominal	No	6662	247 (3.9)	6081 (96.1)	1.0	.43
pain*	Yes	0002	16 (4.8)	318 (95.2)	1.24 [0.74, 2.08]	. 13
Pregnancy complications—Vaginal bleeding*	No	6662	231 (3.8)	5822 (96.2)	1.0	.096
1 regnancy complications— v aginar occurring	Yes	0002	32 (5.3)	577 (94.8)	1.40 [0.96, 2.04]	.070
Pregnancy complications—Vomiting*	No	6662	233 (3.9)	5710 (96.1)	1.0	.75
regnancy complications—voluting	Yes	0002	30 (4.2)	689 (95.8)	1.07 [0.72, 1.57]	./3
Any pregnancy complications*	No	6662	189 (3.9)	4672 (96.1)	1.0	.68
Any pregnancy complications	Yes	0002	74 (4.1)	1727 (96.9)	1.06 [0.81, 1.39]	.08
	Never		48 (4.5)	1029 (95.5)	1.0	
Child was breastfed*	For less than 3 months	5896	76 (4.0)	1805 (96.0)	0.90 [0.62, 1.31]	.51
	For 3 or more months		108 (3.7)	2830 (96.3)	0.82 [0.58, 1.16]	
Ever smoked*	No	6224	124 (3.6)	3310 (96.4)	1.0	.21

	Yes		118 (4.2)	2672 (95.8)	1.18 [0.91, 1.52]	
C	No	(255	171 (3.7)	4482 (96.3)	1.0	1.5
Smoked pre-pregnancy*	Yes	6255	72 (4.5)	1530 (95.5)	1.23 [0.93, 1.63]	.15
Constant in 1 of the inventors	No	(255	190 (3.7)	4937 (96.3)	1.0	12
Smoked in 1st trimester*	Yes	6255	53 (4.7)	1075 (95.3)	1.28 [0.94, 1.75]	.13
Constant desired least 2 and the	No	(255	196 (3.6)	5189 (96.4)	1.0	.017
Smoked during last 2 weeks*	Yes	6255	47 (5.4)	823 (94.6)	1.51 [1.09, 2.10]	.017
Mathembed her first shild as a teams court	No	6251	209 (3.8)	5262 (96.2)	1.0	50
Mother had her first child as a teenager*	Yes	6251	33 (4.2)	747 (95.8)	1.11[0.76, 1.62]	.58
Depression subscale of the Edinburgh Post Natal Depression Scales (EPDS) at 18 weeks gestation**		5889	6.6 (4.4)	6.5 (4.6)	1.00 [0.98, 1.03]	.78
Depression subscale of the EPDS at 32 weeks gestation**		6045	6.5 (4.5)	6.7 (4.8)	0.99 [0.97, 1.02]	.64
Depression subscale of the EPDS at age 8 weeks**		6063	6.0 (4.7)	5.8 (4.5)	1.01 [0.98, 1.04]	.43
Depression subscale of the EPDS at age 8 months**		5979	5.0 (4.3)	5.2 (4.5)	0.99 [0.96, 1.02]	.52
Depression subscale of the EPDS at age 21 months**		5766	5.4 (4.6)	5.5 (4.6)	1.00 [0.97, 1.03]	.80
Depression subscale of the EPDS at age 33 months**		5597	5.9 (4.8)	6.1 (4.9)	0.99 [0.96, 1.02]	.54
Anxiety subscale of the Crown–Crisp Experiential Index (CCEI) at 18 weeks gestation**		5840	4.5 (3.5)	4.7 (3.4)	0.98 [0.94, 1.02]	.43
Depression subscale of the CCEI at 18 weeks gestation**		5840	4.0 (2.7)	4.2 (2.9)	0.97 [0.93, 1.02]	.25
Somatic subscale of the CCEI at 18 weeks gestation**		5840	4.1 (2.3)	4.1 (2.3)	0.99 [0.93, 1.05]	.71
Total of subscales of the CCEI at 18 weeks gestation**		5840	12.6 (7.1)	13.0 (7.3)	0.99 [0.97, 1.01]	.34
	•		•			
Anxiety subscale of the CCEI at 32 weeks gestation**		5982	4.8 (3.5)	4.9 (3.5)	0.99 [0.95, 1.03]	.69
The state of the s					0.00.50.05.4.053	
Depression subscale of the CCEI at 32 weeks gestation**		5982	4.7 (3.1)	4.8 (3.1)	0.99 [0.95, 1.03]	.70

gestation**						
Total of subscales of the CCEI at 32 weeks gestation**		5982	14.6 (8.0)	14.6 (7.9)	1.00 [0.98, 1.02]	.88
Anxiety subscale of the CCEI at age 8 weeks**		6061	3.3 (3.2)	3.3 (3.1)	1.00 [0.96, 1.04]	.97
Depression subscale of the CCEI at age 8 weeks**		6061	3.5 (2.9)	3.4 (2.9)	1.02 [0.97, 1.06]	.51
Somatic subscale of the CCEI at age 8 weeks**		6061	2.6 (1.7)	2.5 (1.6)	1.03 [0.95, 1.11]	.51
Total of subscales of the CCEI at age 8 weeks**		6061	9.3 (6.6)	9.1 (6.6)	1.00 [0.99, 1.02]	.64
Anxiety subscale of the CCEI at age 8 months**		5978	3.4 (3.2)	3.5 (3.2)	0.99 [0.95, 1.04]	.76
Depression subscale of the CCEI at age 8 months**		5978	3.3 (2.8)	3.2 (2.9)	1.01 [0.97, 1.06]	.53
Somatic subscale of the CCEI at age 8 months**		5978	2.5 (1.8)	2.5 (1.7)	1.00 [0.93, 1.08]	.97
Total of subscales of the CCEI at age 8 months**		5978	9.3 (6.6)	9.2 (6.8)	1.00 [0.98, 1.02]	.90
Anxiety subscale of the CCEI at age 21 months**		5767	3.4 (3.1)	3.7 (3.2)	0.97 [0.93, 1.02]	.21
Depression subscale of the CCEI at age 21 months**		5766	2.9 (2.7)	2.8 (2.6)	1.01 [0.96, 1.06]	.75
Somatic subscale of the CCEI at age 21 months**		5765	2.6 (2.1)	2.6 (1.8)	1.01 [0.94, 1.08]	.85
Total of subscales of the CCEI at age 21 months**		5767	9.6 (7.2)	9.7 (6.9)	1.00 [0.98, 1.02]	.78
Anxiety subscale of the CCEI at age 33 months**		5603	4.6 (3.6)	4.6 (3.4)	0.99 [0.96, 1.03]	.77
Depression subscale of the CCEI at age 33 months**		5595	4.0 (3.0)	4.1 (3.1)	0.99 [0.95, 1.04]	.73
Somatic subscale of the CCEI at age 33 months**		5602	2.8 (1.9)	2.8 (2.0)	1.00 [0.94, 1.08]	.90
Total of subscales of the CCEI at age 33 months**		5601	11.4 (7.4)	11.5 (7.4)	1.00 [0.98, 1.02]	.81
Early speech and language performance						
MacArthur–Bates Understanding Vocabulary score at 38 months**		5770	10.3 (2.6)	11.1 (2.3)	0.91 [0.87, 0.95]	<.001
MacArthur–Bates Saying Vocabulary score at 38 months**		5770	9.9 (3.2)	11.4 (1.6)	0.77 [0.73, 0.80]	<.001
Letallia ilelita da made mada 20 manda *	Mostly	5714	197 (3.5)	5378 (96.5)	0.1	. 001
Intelligibility to mother at 38 months*	Sometimes/rarely	5714	23 (16.5)	116 (83.5)	5.41 [3.39, 8.66]	< .001
Intelligibility to family at 38 months*	Mostly	5712	150 (2.9)	5051 (97.1)	0.1	< .001

	Sometimes/rarely		68 (13.3)	443 (86.7)	5.17 [3.82, 6.99]	
	Mostly		111 (2.4)	4526 (97.6)	0.1	
Intelligibility to others at 38 months*	Sometimes/rarely	5703	107 (10.0)	959 (90.0)	4.55 [3.46, 5.99]	< .001
	No, never did		37 (2.2)	1632 (97.8)	1.0	<.001
Uses gestures at or before 38 months*	Yes, but not now	5696	127 (3.5)	3465 (96.5)	1.62 [1.12, 2.34]	
Oses gestures at or before 50 months	Yes, still does	3070	57 (13.1)	378 (86.9)	6.65 [4.33, 10.21]	< .001
	Often		66 (2.0)	3171 (98.0)	1.0	
Word combination at 24 months *	Sometimes	5628	74 (4.8)	1462 (95.2)	2.43 [1.74, 3.41]	<.001
		3028	72 (8.4)			< .001
	Not yet		` '	783 (91.6)	4.42 [3.14, 6.23]	
***	Often	W ~ 4.4	174 (3.3)	5121 (96.7)	1.0	004
Word combination at 38 months*	Sometimes	5641	25 (8.7)	262 (91.3)	2.81 [1.81, 4.35]	< .001
	Not yet		18 (30.5)	41 (69.5)	12.92 [7.28, 22.95]	
Word morphology at 38 months**		5711	7.6 (3.5)	9.5 (2.8)	0.84 [0.81, 0.88]	< .001
Irregular grammar at 24 months**		5750	13.1 (12.4)	19.5 (13.8)	0.96 [0.95, 0.97]	< .001
Stuttering*	Never	5675	111 (4.1)	2606 (95.9)	1.0	.45
	Sometimes		91 (3.5)	2549 (96.6)	0.84 [0.63, 1.11]	
	Often		13 (4.1)	305 (95.9)	1.00 [0.56, 1.80]	
Denver Communication Scale at 6 months**		5561	-0.03 (1.01)	-0.02 (0.96)	1.00 [0.87, 1.14]	.95
Denver Communication Scale at 18 months**		5775	-0.33 (1.10)	0.04 (0.98)	0.68 [0.59, 0.78]	< .001
Early literacy and learning						
Cabal anter assassment (age 4.5 years). Deading*	Achieved level	4622	54 (7.2)	698 (92.8)	1.0	< .001
School entry assessment (age 4–5 years): Reading*	Above expectations	4633	130 (3.4)	3751 (96.7)	0.45 [0.32, 0.62]	
School entry assessment (age 4–5 years): Writing*	Achieved level	4634	76 (6.1)	1178 (93.9)	1.0	< .001
School entry assessment (age 4–3 years). Writing	Above expectations	4034	108 (3.2)	3272 (96.8)	0.51 [0.38, 0.69]	< .001
Other early developmental						
Y hindhihd*	> 2500 grams	6308	232 (3.9)	5746 (96.1)	1.0	.55
Low birth weight*	≤ 2500 grams	0308	15 (4.6)	315 (95.5)	1.18 [0.69, 2.01]	
Avon Longitudinal Study of Parents and Children (ALSPAC) Developmental Scale Social score at 6 months**	-	5558	-0.06 (1.07)	-0.00 (0.99)	0.94 [0.82, 1.08]	.36
ALSPAC Developmental Scale Fine Motor at 6 months**		5537	-0.18 [1.05)	-0.00 (0.98)	0.83 [0.73, 0.96]	.009
ALSPAC Developmental Scale Gross Motor at 6		5547	-0.04 (0.94)	0.01 (0.97)	0.95 [0.83, 1.09]	.48

months**						
ALSPAC Developmental Scale Social score at 18 months**		5786	-0.17 (1.11)	0.01 (0.98)	0.83 [0.72, 0.95]	.005
ALSPAC Developmental Scale Fine Motor score at 18 months**		5757	-0.11 (1.11)	0.05 (0.96)	0.86 [0.75, 0.98]	.023
ALSPAC Developmental Scale Gross Motor at 18 months**		5783	-0.22 (1.29)	-0.00 (0.94)	0.82 [0.73, 0.92]	.002
ALSPAC Developmental Scale Social score at 30 months**		5142	-0.26 (1.05)	0.02 (0.98)	0.76 [0.66, 0.87]	< .001
ALSPAC Developmental Scale Fine Motor score at 30 months**		5121	-0.14 (1.06)	0.06 (0.97)	0.82 [0.72, 0.94]	.004
ALSPAC Developmental Scale Gross Motor score at 30 months**		5132	-0.32 (1.26)	-0.01 (0.96)	0.76 [0.67, 0.86]	< .001
ALSPAC Developmental Scale Social score at 42 months**		5328	-0.24 (1.22)	0.04 (0.95)	0.76 [0.67, 0.87]	<.001
ALSPAC Developmental Scale Fine Motor score at 42 months**		5332	-0.32 (1.13)	0.06 (0.97)	0.71 [0.63, 0.80]	< .001
ALSPAC Developmental Scale Gross Motor score at 42 months**		5335	-0.41 (1.26)	0.01 (0.96)	0.70 [0.62, 0.78]	< .001
School entry assessment (age 4–5 years): Large	Achieved level	1549	27 (7.9)	313 (92.1)	1.0	< .001
motor*	Above expectations	1349	40 (3.3)	1169 (96.7)	0.40 [0.24, 0.66]	< .001
School entry assessment (age 4–5 years): Fine	Achieved level	1739	16 (4.1)	372 (95.9)	1.0	.79
motor*	Above expectations	1739	60 (4.4)	1291 (95.6)	1.08 [0.62, 1.90]	.19
I atamality at 12 months*	Right	5700	138 (3.6)	3665 (96.4)	1.0	0.00
Laterality at 42 months*	Mixed/left	3700	88 (4.6)	1809 (95.4)	1.29 [0.98, 1.70]	.069
Whater and him at A market	No	(150	179 (3.5)	4879 (96.5)	1.0	.009
Weak sucking at 4 weeks*	Yes	6158	58 (5.3)	1042 (94.7)	1.52 [1.12, 2.06]	.009
Choking at 4 weeks*	No	6150	108 (4.1)	2511 (95.9)	1.0	2.4
Choking at 4 weeks.	Yes	6158	129 (3.7)	3410 (96.4)	0.88 [0.68, 1.1]	.34
Duibbling at 4 montros*	No	<i>6</i> 1 <b>5</b> 0	107 (4.7)	2194 (95.4)	1.0	012
Dribbling at 4 weeks*	Yes	6158	130 (3.4)	3727 (96.6)	0.72 [0.55, 0.93]	.013
Drinking too fast at 4 weeks*	No	6158	49 (5.0)	930 (95.0)	1.0	0.40
Diffiking too fast at 4 weeks	Yes	0138	188 (3.6)	4991 (96.4)	0.71 [0.52, 0.99]	.048
Exhaustion with feeding at 4 weeks*	No	<i>6</i> 1 <b>5</b> 0	121 (3.8)	3059 (96.2)	1.0	05
Exhaustion with feeding at 4 weeks*	Yes	6158	116 (3.9)	2862 (96.1)	1.02 [0.79, 1.33]	.85
Slow feeding at 4 weeks*	No	6158	141 (3.8)	3545 (96.2)	1.0	.91

	Yes		96 (3.9)	2376 (96.1)	1.02 [0.78, 1.32]	
Small quantity feeds at 4 weeks*	No	6150	120 (3.9)	2944 (96.1)	1.0	70
	Yes	6158	117 (3.8)	2977 (96.2)	0.96 [0.74, 1.25]	.78
Baby being unsatisfied*	No	6158	106 (3.7)	2739 (96.3)	1.0	.64
	Yes		131 (4.0)	3182 (96.0)	1.06 [0.82, 1.38]	
Refusing milk*	No	6158	206 (3.7)	5295 (96.3)	1.0	.23
	Yes		31 (4.7)	626 (95.3)	1.27 [0.86, 1.87]	
Difficulties feeding*	No	6127	195 (3.6)	5184 (96.4)	1.0	000
	Yes		37 (5.0)	711 (95.1)	1.38 [0.97, 1.98]	.088

<sup>a</sup>This column shows how the variables were grouped in the second stage within group multivariable analysis. <sup>b</sup>Where the variable of interest is categorical, the two numbers refer to *n* and (%) where % is the percentage within the factor category. The reference category for each variable can be identified by its odds ratio of 1.0. Where the variable of interest is continuous, the numbers are mean (and standard deviation) and the odds ratio relates to the change in odds for a one-unit increase in the exposure variable. The exception to this is the odds ratio for IQ and the MacArthur–Bates scores, which are based on a change of ten units.

\*Categorical. \*\*Continuous. ‡For categorical variables only. †Supplemented with father's social class when the mother's was not available. \$People per room.

<sup>i</sup>O'level was the qualification obtained at age 16 years when the parents of the cohort were at school.