

S2 Table. Characteristics of infants with missing outcome data

Measure	Number with data	Outcome data available (n=12586)	Missing outcome data (n=1405)	P
Pre-pregnancy factors				
Maternal age	13991	27.9 (4.9)	28.9 (5.0)	<0.001
Maternal socioeconomic group	10,058			<0.001
I – Professional		482 (5.3%)	109 (10.8%)	
II – Managerial		2768 (30.6%)	393 (39.1%)	
iiiN – Skilled non-manual		726 (8.0%)	65 (6.5%)	
iiiM – Skilled manual		3957 (43.7%)	347 (34.5%)	
iv - Semi-skilled		912 (10.1%)	78 (7.8%)	
v – Unskilled		207 (2.3%)	14 (1.4%)	
Mother's highest educational qualification*	12,402			<0.001
CSE		2352 (21.1%)	149 (12.1%)	
Vocational		1149 (10.2%)	71 (5.8%)	
O Level		3935 (35.2%)	367 (29.9%)	
A Level		2428 (21.7%)	355 (28.9%)	
Degree		1311 (11.7%)	285 (23.2%)	
Non-white ethnicity	11,608	554 (4.8%)	2 (10.0%)	0.275
Antenatal and intrapartum factors				
Primiparous	12,942	5152 (44.3%)	634 (48.4%)	0.074
Maternal Hypertension	13,991	511 (4.1%)	56 (4.0%)	0.893
Multiple birth	13,991	335 (2.7%)	35 (2.5%)	0.705
Delivery	12,711			0.015
Spontaneous cephalic		8618 (75.2%)	890 (71.4%)	
Emergency caesarean section		790 (6.9%)	105 (8.4%)	
Elective caesarean section		489 (4.3%)	52 (4.2%)	
Instrumental		1385 (12.1%)	169 (13.6%)	
Breech		183 (1.6%)	30 (2.4%)	
Infants and post-partum factors				
Male	13,991	6476 (51.5%)	766 (54.5%)	0.029
Birth Weight (g)	13803	3388 (560)	3325 (690)	<0.001
Birth Length (cm)	10503	50.6 (2.5)	50.5 (3.0)	0.1646
Head Circumference (cm)	10663	34.7 (1.57)	34.7 (1.9)	0.2354
Apgar at 1 minute	11467	9 (8-9)	9 (8-9)	<0.001
Apgar at 5 minute	11467	10 (9-10)	10 (9-10)	<0.001
Gestation	12586	40 (39-41)	40 (38-40)	0.0008
Received resuscitation	12,666	1020 (8.9%)	147 (12.1%)	<0.001

Standard deviations are given for means of normally distributed continuous variables and percentages for proportions.
 * CSE=Certificate in Secondary Education (commonly taken at 16 years of age); Vocational=City & Guilds (intermediate level), technical, shorthand or typing, or other qualification; O level=Ordinary level (commonly taken at 16 years of age); A level=Advanced level (commonly taken at 18 years of age), state enrolled nurse, state registered nurse, City & Guilds (final or full level) or teaching qualification; Degree=University degree