

## Data supplement

**Table DS1** Obstetric and neonatal complications: logistic regression correcting for gender and parental employment status and calculated gestational age between groups

	Disability group ( <i>n</i> =49) <i>n</i> (%)	Siblings group ( <i>n</i> =21) <i>n</i> (%)	Control group ( <i>n</i> =20) <i>n</i> (%)	Disability group v. control group		
				<i>P</i>	OR	95% CI
<b>Maternal factors</b>						
Maternal age >35 years	5 (10)	3 (14)	1 (5)	0.70	1.83	0.08–40.42
Parity 0 (nulliparous)	11 (22)	6 (29)	9 (45)	0.10	0.24	0.05–1.30
Parity 4 or more	7 (14)	3 (14)	0 (0)	0.99	8E+008	NC
<b>Pregnancy complications</b>						
Pre-eclampsia	3 (6)	3 (14)	0 (0)	0.99	8E+009	NC
Previous admissions <sup>a</sup>	16 (33)	7 (33)	3 (15)	0.17	3.47	0.58–20.63
Antepartum haemorrhage	2 (4)	2 (10)	0 (0)	0.99	1E+008	NC
Maternal illness	7 (14)	2 (10)	5 (25)	0.22	3.24	0.50–20.95
<b>Complications of delivery</b>						
Early or threatened labour	4 (8)	3 (14)	0 (0)	0.99	2E+008	NC
Foetal distress	13 (26)	10 (48)	10 (50)	0.03	0.76	0.59–0.98
Any induction of labour	12 (24)	4 (19)	1 (5)	0.60	14.90	0.90–246.80
ARM	11 (22)	3 (14)	1 (5)	0.06	14.70	0.87–249.78
Oxytocics	7 (14)	1 (5)	0 (0)	0.99	8E+009	NC
Prostaglandins	5 (10)	1 (5)	0 (0)	0.99	1E+009	NC
Umbilical cord complications	3 (6)	1 (5)	3 (15)	0.11	0.09	0.00–1.80
Abnormal presentation <sup>b</sup>	5 (10)	0 (0)	3 (15)	0.70	0.65	0.08–5.57
Planned C-section	4 (8)	2 (10)	3 (15)	0.53	0.45	0.04–5.28
Emergency C-section	6 (12)	0 (0)	1 (5)	0.34	3.32	0.28–40.12
Instrumental delivery	16 (33)	3 (14)	6 (30)	0.63	1.47	0.30–7.19
<b>Neonatal complications</b>						
Gestation <37 weeks <sup>c</sup>	8 (16.3)	3 (14.3)	0 (0.0)	0.99	2E+009	NC
Gestation >42 weeks <sup>c</sup>	10 (20.4)	4 (19.0)	5 (25.0)	0.34	0.50	0.09–2.25
OFC <32 cm	4 (8.2)	4 (19.0)	0 (0.0)	0.99	2E+008	NC
Crown–heel <48 cm	5 (10.2)	3 (14.3)	0 (0.0)	0.99	3E+008	NC
Crown–heel >55 cm	1 (2.0)	1 (4.8)	7 (35.0)	0.03	0.03	0.00–0.65
Winter birth <sup>d</sup>	12 (24.5)	2 (9.5)	3 (15.0)	0.83	1.24	0.19–8.25
Apgar score ≤7 <sup>e</sup>	4 (8.2)	1 (4.8)	0 (0.0)	0.99	5E+008	NC
Any resuscitation	12 (24.5)	3 (14.3)	3 (15.0)	0.24	3.46	0.43–27.76
Jaundice	4 (8.2)	1 (4.8)	1 (5.0)	0.72	1.78	0.08–40.95
Special care baby unit admission	13 (24.5)	5 (23.8)	1 (5.0)	0.02	19.50	1.53–248.35
Breastfed on discharge	7 (14.3)	9 (42.9)	14 (70.0)	<0.01	0.09	0.02–0.48

ARM, artificial rupture of membranes; C-section, caesarean section; NC, not calculable; OFC, occipitofrontal circumference.  
a. One or more discrete admissions to hospital during pregnancy, excluding delivery.  
b. Any non-vertex presentation.  
c. Gestation was corrected for gender and parental employment status only.  
d. Birth between December and February.  
e. Apgar scores measured at 5 min.