

Appendix 1: Variables used for multiple imputations. [§] Defined according to 1994 definitions; [¶] defined according to 2006 definitions (see text)

Outcome	Model type	Cohort	Range	Statistically significant multivariable predictors	
Severe neurodevelopmental impairment [¶]	logistic	2006	22-26wks	Mother's ethnicity; Cervical suture; Suspected chorioamnionitis;	CRIB-2 score; Severe changes last CUSS; Severe BPD;
Neurodevelopmental impairment [¶] (4 categories)	ordered logistic	2006	22-26wks	Suspected chorioamnionitis; Cervical suture; Mother's ethnicity; IMD per decile; CRIB-2 score;	Enteral feeding by day 7; Postnatal steroids for BPD (any); Severe changes any CUSS scan; Treated retinopathy; In oxygen at 40w PMA;
Cognitive impairment (3 categories: <55, 55-69, >69)	ordered logistic	2006	22-26wks	Mother's ethnicity; Cervical suture; Suspected chorioamnionitis;	CRIB-2 score; Severe changes last CUSS; Severe BPD;
Disability [§] (3 categories)	ordered logistic	1995	22-25w	Mother's ethnicity; Male sex; Any antenatal steroids given; Non-cephalic vaginal delivery;	Severe changes any CUSS scan; Treated retinopathy; Postnatal steroids for BPD (w); Any breast milk given
Disability [§] (3 categories)	ordered logistic	2006	22-25w	Suspected chorioamnionitis; CRIB-2 score;	Severe BPD; Severe changes any CUSS scan; In oxygen at 40w PMA
Cerebral Palsy	logistic	1995	22-25wks	Mother smoked in pregnancy; Suspected chorioamnionitis; Full course of antenatal steroids;	Transferred hospital within 24h; Enteral feeding by day 7; Postnatal steroids for BPD (>6w);
Cerebral Palsy	logistic	2006	22-25wks	Occlusive wrapping at birth; Non-cephalic vaginal delivery; CRIB-2 score;	Severe changes last CUSS; Severe changes any CUSS scan;
Cerebral Palsy	logistic	2006	22-26wks	Occlusive wrapping at birth; Non-cephalic vaginal delivery;	Postnatal steroids for BPD (any); Severe BPD; Severe changes last CUSS;
MDI <55	logistic	1995	22-25wks		Severe changes any CUSS scan; Postnatal steroids for BPD (>6w);
MDI/Predicted MDI <55	logistic	2006	22-25wks	Cervical suture; Mother's ethnicity; Suspected chorioamnionitis;	Severe changes last CUSS scan; Postnatal steroids for BPD (>6w); Gestational age; Birthweight for gestation and sex;

