Supplemental Table 1. Type of variable, model used to predict missing data, and percentages of values missing for each variable included in the imputation model (N=4443 survivors at 2 years eligible for follow-up).

Variable	Type of variable	Model used to predict missing data	Percentages of values missing
Gestational age	Categorical (3 categories)	No missing data	0%
Maternal age	Categorical (3 categories)	No missing data	0%
Maternal birth outside France	Binary	Logistic regression	2%
Parents' socio-economic status†	Categorical (6 categories)	Multinomial regression	5%
Primiparous	Binary	Logistic regression	1%
Antenatal steroids	Binary	Logistic regression	2%
Caesarean section	Binary	Logistic regression	<1%
Multiple pregnancy	Binary	No missing data	0%
Sex	Binary	Logistic regression	<1%
Small-for-gestational age‡	Binary	Logistic regression	<1%
Severe congenital brain malformation	Binary	No missing data	0%
Inborn	Binary	No missing data	0%
Surfactant	Binary	Logistic regression	1%
Postnatal steroids	Binary	Logistic regression	3%
Severe bronchopulmonary dysplasia§	Binary	Logistic regression	4%
Severe necrotising enterocolitis§	Binary	Logistic regression	2%
Severe retinopathy of prematurity§	Binary	Logistic regression	1%
Severe cerebral lesions§	Binary	Logistic regression	1%
Breastmilk at discharge	Binary	Logistic regression	7%
Cerebral Palsy at 2 years CA	Binary	Logistic regression	19%
Sensory disabilities at 2 years CA	Binary	Logistic regression	24%
ASQ Communication score below threshold at 2 years CA	Binary	Logistic regression	39%
ASQ Gross motor score below threshold at 2 years CA	Binary	Logistic regression	39%
ASQ Fine motor score below threshold at 2 years CA	Binary	Logistic regression	39%
ASQ Problem solving score below threshold at 2 years CA	Binary	Logistic regression	40%
ASQ Personal-social score below threshold at 2 years CA	Binary	Logistic regression	39%

All variables were included in the linear predictor of all imputation models, except the variable concerned by imputation

Abbreviations: ASQ, Ages and Stages questionnaire; CA, corrected age

† Defined as the highest occupational status of the mother and father, or mother only if living alone.
‡ Small-for- gestational age was defined as birth weight less than the 10th percentile for gestational age and sex based on French intrauterine "EPOPé" growth curves (Ego 2016).
§ Severe neonatal morbidity was defined as severe bronchopulmonary dysplasia or necrotising enterocolitis stage 2-3 or severe retinopathy of prematurity stage >3 or any of the following severe cerebral abnormalities on cranial ultrasonography: intraventricular haemorrhage grade III or IV or cystic periventricular leukomalacia (Ancel 2015).