

Supplemental Table 2. Comparison of live births, with and without parental consent at birth, and children with and without cerebral palsy and Ages and Stages Questionnaire data available at 2 years corrected age for the EPIPAGE-2 study (2011).

	Parental consent at birth among live births				Survivors at 2 years CA eligible for the study										
	Yes		No ^ϕ		Cerebral palsy data available			ASQ data available							
	n=5170		n=397		Yes n=3599	No n=844	p-value	Yes* n=2506	No n=1806	p-value					
Gestational age															
22-26 weeks	1055/5170	(7.9)	76/397	(6.0)	<0.001	450/3599	(4.6)	95/844	(3.4)	<0.001	313/2506	(4.6)	207/1806	(3.8)	<0.001
27-31 weeks	2909/5170	(29.2)	187/397	(19.9)		2264/3599	(31.4)	445/844	(21.2)		1571/2506	(31.2)	1043/1806	(25.5)	
32-34 weeks	1206/5170	(62.9)	134/397	(74.1)		885/3599	(63.9)	304/844	(75.4)		622/2506	(64.2)	556/1806	(70.7)	
Maternal characteristics															
Maternal age															
<25 years	956/5168	(16.3)	107/397	(26.8)	<0.001	525/3599	(12.2)	258/844	(28.3)	<0.001	315/2506	(10.0)	453/1806	(23.3)	<0.001
25-34 years	3078/5168	(61.3)	199/397	(49.2)		2236/3599	(63.6)	433/844	(54.4)		1592/2506	(65.1)	991/1806	(56.9)	
≥35 years	1134/5168	(22.4)	91/397	(24.0)		838/3599	(24.1)	153/844	(17.4)		599/2506	(24.9)	362/1806	(19.8)	
Birth outside of France						754/3569	(18.4)	214/795	(26.2)	<0.001	470/2496	(15.5)	477/1739	(26.3)	<0.001
Parents' socio-economic status†															
Professional	1024/4815	(22.4)	25/312	(8.0)	<0.001	827/3442	(25.1)	94/760	(14.5)	<0.001	634/2419	(26.9)	257/1656	(17.3)	<0.001
Intermediate	990/4815	(21.5)	49/312	(13.9)		778/3442	(23.8)	105/760	(14.6)		589/2419	(25.1)	270/1656	(17.8)	
Administrative, public service, self-employed, students	1300/4815	(27.1)	53/312	(21.7)		948/3442	(28.0)	202/760	(25.6)		625/2419	(26.8)	490/1656	(28.2)	
Shop assistants, service workers	684/4815	(13.9)	47/312	(12.5)		458/3442	(12.5)	145/760	(19.2)		315/2419	(12.0)	273/1656	(16.3)	
Manual workers	611/4815	(11.5)	63/312	(17.8)		356/3442	(9.0)	148/760	(18.1)		211/2419	(7.8)	272/1656	(15.0)	
Unknown occupation	206/4815	(3.5)	75/312	(26.0)		75/3442	(1.7)	66/760	(7.9)		45/2419	(1.4)	94/1656	(5.3)	
Obstetric factors															
Antenatal steroids						2937/3535	(79.5)	612/823	(69.3)	<0.001	2087/2471	(80.8)	1359/1757	(72.7)	<0.001
Caesarean section						2310/3585	(60.1)	484/831	(54.7)	0.028	1640/2500	(60.9)	1082/1786	(56.5)	0.031
Multiple pregnancy	1712/5170	(35.1)	87/397	(18.0)	<0.001	1251/3599	(37.2)	245/844	(29.9)	0.002	913/2506	(38.7)	543/1806	(31.9)	<0.001
Neonatal factors															
Male	2742/5168	(53.4)	199/396	(47.5)	0.08	1893/3599	(52.5)	444/843	(55.6)	0.22	1315/2506	(52.7)	949/1805	(53.6)	0.65
Small-for-gestational age‡	1695/5160	(32.6)	124/389	(31.3)	0.68	1235/3599	(33.9)	267/843	(29.5)	0.057	874/2506	(34.2)	589/1805	(31.2)	0.12
Inborn						3184/3599	(89.0)	704/844	(85.6)	0.031	2242/2506	(89.4)	1537/1806	(86.9)	0.056
Surfactant						1813/3558	(29.5)	382/821	(28.2)	0.52	1253/2485	(29.5)	850/1765	(27.8)	0.29
Postnatal steroids						237/3497	(2.9)	44/803	(1.9)	0.012	153/2432	(2.6)	108/1741	(2.4)	0.45
Severe neonatal morbidities§						445/3423	(7.0)	88/773	(5.3)	0.076	284/2380	(6.2)	206/1689	(6.1)	0.91
Breastmilk at discharge						1769/3382	(56.8)	313/736	(50.3)	0.012	1280/2361	(58.1)	752/1635	(52.5)	0.008

Abbreviation: CA, corrected age; ASQ, ages and stages questionnaire.

Complete cases analysis. Data are number of events/number in group (percentages). Percentages are weighted to account for differences in sampling process between gestational ages. Denominators vary according to the number of missing data for each variable.

^ϕ For children whose parents refused inclusion in the study, status at birth, mortality and limited perinatal data were available (Ancel 2014)

* Infants with cerebral palsy, deafness, blindness or severe congenital anomalies were excluded (n=131).

† 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).