

Supplementary Table 2. Characteristics of the children born at gestational age <27 weeks with and without atlas segmentation data.

	Atlas segmentation data n=26	No atlas segmentation data n=40	<i>p</i>
Gestational age at birth, weeks, median (range)	26.85 (23.4-26.6)	25.50 (23.4-26.6)	0.28
Birth weight, grams, mean (SD)	874 (153)	817 (146)	0.13
Gender, girls/boys	13/13	16	0.46
Small for gestational age, n	0	4	0.15
Prenatal steroids, n	25/26	35	0.39
Premature rupture of the membranes, n	7	12	1.00
Cesarean Section, n	10	22	0.22
Sepsis, n	17	34	0.08
Days of mechanical ventilation, median (range)	3 (0-36)	10 (0-55)	0.04
Postnatal steroids, n	3	8	0.51
Bronchopulmonary Dysplasia, oxygen at 36 weeks, n	10	16	1.00
Necrotizing enterocolitis, n	0	6	0.07
Patent ductus arteriosus, ligation, n	7	13	0.79
Laser treatment for retinopathy of prematurity , n	1	7	0.13
Intraventricular hemorrhage grade I-II, n	7	16	0.30
Mild white matter abnormality, n	16	14	0.09
Gestational age at MRI, weeks, median (range)	40.93 (39.71-43.28)	40.36 (39.14-45.28)	0.18
Age at 6.5 year assessment, months, median (range)	77.16 (75.29-80.20)	77.23 (76.03-86.33)	0.21
VMI standard score, mean (SD)	91.69 (14.14)	89.82 (11.71)	0.87

M-ABC-2 manual dexterity score, mean (SD)	7 (2)	8 (3)	0.38
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All children were without cerebral palsy, focal brain lesions or severe white matter abnormalities.

SD = Standard deviation, MRI = Magnetic Resonance Imaging, VMI=Visual-motor integration, M-ABC-2=Movement Assessment Battery for Children-2