

Supplementary table 2. Mean differences in intelligence, attention, and executive function between 5-year-old children born at term (≥ 39 , reference group) and children born preterm. Denmark 2003-2008 ($n=1491$)

	Born at term ≥ 39 weeks ($n=1443$)	Late preterm birth 34 to <37 weeks ($n=40$)	Moderately or very preterm birth <34 weeks ($n=8$)		
	Mean (SD)	Mean difference	95% CI	Mean difference	95% CI
Intelligence (WPPSI-R)					
Full scale IQ					
Unadjusted	105.92 (12.91)	-2.49	-7.34, 2.35	-9.63	-20.67, 1.41
Adjusted ^a		-0.22	-4.84, 4.41	-10.27	-19.27, -1.26
Verbal IQ					
Unadjusted	104.93 (10.71)	-1.95	-5.46, 1.56	-7.33	-15.87, 1.20
Adjusted		-0.35	-4.88, 4.17	-7.22	-13.31, -1.14
Performance IQ					
Unadjusted	105.53 (16.27)	-2.51	-9.56, 4.53	-10.02	-20.99, 0.95
Adjusted		0.03	-5.73, 5.79	-11.38	-21.60, -1.17
Attention (TEAch-5)					
Overall attention					
Unadjusted	0.01 (1.00)	-0.22	-0.71, 0.27	-0.10	-0.73, 0.52
Adjusted		-0.15	-0.58, 0.28	-0.22	-0.98, 0.54
Sustained attention					
Unadjusted	0.01 (1.01)	-0.39	-0.77, -0.02	-0.10	-0.63, 0.44
Adjusted		-0.22	-0.63, 0.20	-0.15	-0.86, 0.55
Selective attention					
Unadjusted	0.00 (1.01)	0.07	-0.48, 0.61	0.00	-0.43, 0.43
Adjusted		0.04	-0.44, 0.53	-0.15	-0.59, 0.29
Executive function (BRIEF)^b					
- Parent version					
Global Executive Composite					
Unadjusted	49.75 (9.93)	1.60	-3.87, 7.08	-0.23	-16.36, 15.90
Adjusted		2.48	-1.80, 6.75	-0.16	-14.49, 14.17
Behavioural Regulation Index					
Unadjusted	49.76 (9.91)	-0.09	-5.24, 5.07	-0.91	-15.91, 14.08
Adjusted		0.73	-3.69, 5.15	-1.72	-14.67, 11.22
Metacognition Index					
Unadjusted	49.77 (9.94)	2.49	-3.03, 8.02	0.22	-15.16, 15.60
Adjusted		3.32	-0.94, 7.59	0.82	-13.07, 14.72
- Teacher version					
Global Executive Composite					
Unadjusted	49.83 (10.15)	4.68	-0.56, 9.93	5.69	2.76, 8.61
Adjusted		4.12	-0.78, 9.02	5.30	2.30, 8.30
Behavioural Regulation Index					
Unadjusted	49.88 (10.06)	4.57	-0.24, 9.39	5.45	2.21, 8.68
Adjusted		3.95	-0.72, 8.63	4.21	-0.83, 9.24
Metacognition Index					
Unadjusted	49.82 (10.14)	4.33	-1.33, 9.98	5.31	0.83, 9.80
Adjusted		3.86	-1.36, 9.09	5.42	2.20, 8.63

N, number; SD, standard deviation; CI, confidence interval; WPPSI-R, Wechsler Preschool and Primary Scales of

Intelligence-Revised; IQ, intelligence quotient; TEACH-5, Test of Everyday Attention for Children at Five; BRIEF, Behaviour Rating Inventory of Executive Function. ^a All adjusted analyses adjusted for maternal age, maternal IQ, average alcohol consumption in pregnancy, smoking in pregnancy, parity, maternal marital status, parental educational level, child sex, testing psychologist, and age at testing. ^b A higher BRIEF score indicates more executive function difficulties (opposite than the other outcome measures).