

Supplemental Table 4. Mean neuropsychological test scores in children prenatally exposed to anesthesia during pregnancy based on maternally reported exposure to general anesthesia during pregnancy compared to unexposed children

Neuropsychological domain	Outcome	Score	Maternal report of exposure to general anesthetic during pregnancy		No report of exposure to general anesthetic during pregnancy		Adjusted mean difference* (99.17% CI)	P value	
			n	Mean (SD)	n	Mean (SD)			
Language	CELF	<i>Total</i>	26	96.7 (11.9)	1600	95.6 (15.5)	2.3 (-5.3 , 9.9)	0.42	
		<i>Receptive</i>	26	102.4 (10.3)	1600	101.2 (16.3)	2.6 (-5.4 , 10.6)	0.39	
		<i>Expressive</i>	26	92.1 (13.6)	1600	91.3 (15.3)	1.9 (-5.6 , 9.4)	0.51	
Cognition	PPVT	<i>Standard</i>	25	99.6 (11)	1482	104.2 (12.2)	-4.0 (-10.2 , 2.1)	0.09	
		CPM	<i>Total</i>	26	31.3 (3.3)	1601	31.1 (3.7)	0.5 (-1.4 , 2.4)	0.50
			SDMT	<i>Written</i>	26	36.3 (6.9)	1591	34.5 (7.5)	2.2 (-1.6 , 6.1)
		<i>Oral</i>		26	45.8 (8.9)	1591	43.7 (10.4)	2.6 (-2.7 , 7.9)	0.2
Motor function	MAND	<i>NDI</i>	25	92.8 (15.5)	1584	94.1 (13.9)	-1.3 (-8.6 , 6.0)	0.64	
Behavior	CBCL	<i>Total</i>	29	53.0 (14.2)	1967	47.5 (11.3)	4.9 (-0.6 , 10.4)	0.018	
		<i>Externalizing</i>	29	53.0 (14.8)	1967	47.3 (10.7)	5.0 (-0.1 , 10.2)	0.010	
		<i>Internalizing</i>	29	52.8 (12.2)	1967	49.3 (10.5)	3.1 (-2.1 , 8.2)	0.119	

*Adjusted for demographic and clinical covariates (sex, race, maternal school level, income, alcohol or tobacco use during pregnancy, and presence of any maternal clinical diagnoses: diabetes, epilepsy, hypertension, psychiatric disorders, or thyroid dysfunction)