

**Table S1: Association between the five-minute Apgar scores (continuous) and neurodevelopmental delay among children aged 8–66 months**

Factors	Neurodevelopmental delay					
	Gross motor delay		Communication delay		Gross motor or communication delay	
	AOR (95% CI)	P-Value	AOR (95% CI)	P-Value	AOR (95% CI)	P-Value
Five minute Apgar Score	0.72 (0.54, 0.90)	0.005	0.73 (0.55,0.97)	0.03	0.74 (0.60, 0.93)	0.01
Mother's country of birth (ref: Australia)						
Not-Australia	1.50 (0.54, 4.14)	0.42	1.75 (0.53, 5.72)	0.35	1.29 (0.51, 3.29)	0.58
Mother's age at birth	0.85 (0.69, 1.04)	0.13	0.88 (0.67, 1.15)	0.37	0.88 (0.73, 1.05)	0.17
Mother's area of residence (Ref: Major city)						
Inner regional	1.05 (0.50, 2.19)	0.88	0.87 (0.31, 2.44)	0.80	1.02 (0.52, 1.99)	0.94
Outer regional	0.81 (0.30, 2.18)	0.69	0.49 (0.11,2.14)	0.29	0.80 (0.33, 1.95)	0.63
Marital status (Ref: Partnered)						
Non-partnered	1.23 (0.62, 2.41)	0.54	2.13 (0.96, 4.75)	0.06	1.24 (0.67, 2.28)	0.48
Smoking during pregnancy (Ref: No)						
Yes	1.00 (0.28, 3.46)	0.99	0.41 (0.05, 3.43)	0.41	1.11 (0.37, 3.30)	0.84
Gestational diabetes (Ref: No)						
Yes	1.43 (0.56, 3.67)	0.44	1.82 (0.54, 6.09)	0.32	1.37 (0.57, 3.29)	0.47
Gestational hypertension (Ref: No)						
Yes	0.32 (0.04, 2.25)	0.25	1.02 (0.21, 4.99)	0.97	0.79 (0.23, 2.75)	0.72
Mode of birth (Ref: Non-caesarean)						
Caesarean	1.27 (0.70, 2.31)	0.42	0.97 (0.43, 2.19)	0.95	1.15 (0.67, 1.98)	0.58
Gestational age at birth (weeks)	1.03 (0.83, 1.28)	0.75	1.03 (0.76, 1.39)	0.82	0.97 (0.80, 1.18)	0.82
Birth weight (grams)	0.99 (0.99, 1.00)	0.42	0.99 (0.99, 1.00)	0.60	0.99 (0.99, 1.00)	0.69
Child age at survey (months)	0.97 (0.95, 1.00)	0.06	0.98 (0.95, 1.01)	0.35	0.97 (0.95, 1.00)	0.05
Child sex (Ref: Male)						
Female	0.62 (0.34, 1.14)	0.12	0.80 (0.37, 1.73)	0.58	0.62 (0.36, 1.08)	0.09
Average screen time per day (hours)	0.96 (0.72, 1.28)	0.78	1.13 (0.80, 1.59)	0.66	0.87 (0.66, 1.14)	0.32
Child moderate to severe medical problems						
Yes	2.28 (1.16, 4.49)	0.01	5.59 (2.59, 12.06)	<0.001	2.71 (1.49, 4.93)	0.01

**AOR: Adjusted odds ratio; CI: Confidence interval**