

Table 2: Neurodevelopmental Outcomes at 5 Years of Age[‡]

	No PPROM n=340	PPROM n=226	p-value	Crude OR (95%CI) PPROM vs. No PPROM	Adjusted OR (95%CI)^a PPROM vs. No PPROM	Propensity Score-Matched OR (95%CI)^b PPROM vs. No PPROM
Outcomes						
Death or any NDI, n/N(%)	180/320 (56)	120/214 (56)	0.968	0.99 (0.70-1.41)	1.25 (0.85-1.84)	1.32 (0.86-2.02)
Death before 5 years, n(%)	60 (18)	34 (15)	0.415	0.83 (0.52-1.31)	1.00 (0.59-1.70)	1.04 (0.59-1.83)
Any NDI, n/N(%)	120/260 (46)	86/180 (48)	0.737	1.07 (0.73-1.56)	1.28 (0.83-1.97)	1.44 (0.89-2.34)
Severe NDI, n/N(%)	46/260 (18)	31/180 (17)	0.899	0.97 (0.59-1.60)	1.38 (0.77-2.47)	1.35 (0.71-2.55)
Cognitive Delay >1 SD below mean, n/N(%)	100/252 (40)	71/173 (41)	0.779	1.06 (0.71-1.57)	1.21 (0.77-1.90)	1.51 (0.91-2.51)
Cerebral Palsy, n/N(%)	24/280 (9)	20/192 (10)	0.498	1.24 (0.67-2.32)	1.83 (0.90-3.73)	1.99 (0.89-4.40)
Visual Impairment/Blindness, n/N(%)	25/280 (9)	11/192 (6)	0.198	0.62 (0.30-1.29)	0.70 (0.29-1.69)	0.64 (0.25-1.66)
Hearing Impairment/Deafness, n/N(%)	5/278 (2)	9/191 (5)	0.069	2.70 (0.89-8.19)	†	2.56 (0.77-8.55)

‡ Outcomes have different denominators because not all children had all outcomes available.

† Model not fit due to small number of events.

^a Adjusted for maternal antihypertensives, antenatal steroids, c-section, chorioamnionitis, inborn, sex, and birth weight. For outcomes not involving death, also adjusted for maternal education (because data is not available for those who died prior to hospital discharge).

^b Propensity score estimated from maternal antihypertensives, antenatal steroids, c-section, chorioamnionitis, inborn, sex, and birth weight. For outcomes not involving death, the matched models also adjusted for maternal education. There were 182 matched pairs in each group.