

Table 3

Neurodevelopmental Impairment <85 or Death								
	Maternal or Neonatal		Univariable			Multivariable		
Characteristic	No, N = 49 ¹	Yes, N = 320 ¹	OR ²	95% CI ²	p-value	OR ²	95% CI ²	p-value
Acute Kidney Injury	19 (38.8%)	185 (57.8%)	2.16	1.17, 4.01	0.014	1.29	0.62, 2.70	0.501
SNAP Score	42 (24, 53)	49 (33, 65)	1.02	1.01, 1.04	0.007	1.01	0.99, 1.03	0.207
Small for Gestational Age	2 (4.1%)	35 (10.9%)	2.89	0.67, 12.4	0.154	2.03	0.45, 9.09	0.353
APGAR Score <6	23 (46.9%)	161 (50.3%)	1.14	0.63, 2.09	0.66	0.77	0.40, 1.49	0.436
Patent Ductus Arteriosus	19 (38.8%)	206 (64.4%)	2.85	1.54, 5.30	<0.001	2.16	1.13, 4.11	0.02
Necrotizing Enterocolitis/Spontaneous Intestinal Perforation	2 (4.1%)	26 (8.1%)	2.08	0.48, 9.05	0.33	1.48	0.31, 7.04	0.622
Intraventricular Hemorrhage Grade 3 or 4/Periventricular Leukomalacia	4 (8.2%)	57 (17.8%)	2.44	0.84, 7.05	0.1	1.83	0.59, 5.65	0.297
Birth weight in kilograms	0.81 (0.71, 0.94)	0.71 (0.60, 0.83)	0.05	0.01, 0.27	<0.001			
Maternal Age	28 (23, 32)	26 (22, 31)	0.99	0.95, 1.04	0.722			
Sex-Male	24 (49%)	183 (57.2%)	1.39	0.76, 2.54	0.282			
Multiple gestation	8 (16.3%)	63 (19.7%)	1.26	0.56, 2.81	0.579			
Race-Black	35 (71.4%)	238 (74.6%)	1.16	0.59, 2.27	0.662			
Maternal Education-High School or Less	20 (41.7%)	152 (53.9%)	1.61	0.88, 2.95	0.125			
Public Insurance	32 (65.3%)	255 (79.7%)	2.08	1.09, 3.99	0.026			
Maternal Hypertension	7 (14.3%)	73 (22.8%)	1.77	0.76, 4.11	0.182			
Maternal Diabetes	1 (2%)	20 (6.2%)	3.2	0.42, 24.4	0.262			
Sepsis	11 (22.4%)	59 (18.4%)	0.78	0.38, 1.62	0.506			
¹ n (%); Median (IQR)								
² OR = Odds Ratio, CI = Confidence Interval								