

Table 1: Covariates Considered in Prediction Models

	No Pulmonary Hypertension (n=643)	Pulmonary Hypertension (n=134)	P value
Birth weight, grams ¹	870 (730-1050)	620 (543-730)	<0.001
Gestational age, weeks ¹	27 (26-28)	24 (23-26)	<0.001
Male, n (%)	300 (47)	62 (46)	0.94
Antenatal steroids, ² n (%)	608 (95)	123 (93)	0.60
Race/ethnicity ³			0.08
Black, n (%)	368 (57)	90 (67)	
White, n (%)	259 (40)	43 (32)	
Hispanic, n (%)	15 (2)	1 (1)	
Respiratory support on postnatal day 1			<0.001
High frequency ventilation, n (%)	2 (0)	0 (0)	
Conventional ventilation, n (%)	426 (66)	120 (90)	
Noninvasive positive pressure ventilation, n (%)	197 (31)	13 (10)	
Continuous positive airway pressure, n (%)	4 (1)	1 (1)	
Nasal cannula, n (%)	14 (2)	0 (0)	
Fraction of inspired oxygen on postnatal day 1 ¹	50 (36-80)	55 (40-100)	0.50
Patent ductus arteriosus (PDA), n (%)	139 (22)	46 (34)	0.002
Hemodynamically significant PDA, n (%)	111 (17)	40 (30)	<0.001
Surgical necrotizing enterocolitis, ⁴ n (%)	7 (1)	1 (1)	0.78

1: Median, IQR

2: Unknown in 4 patients

3: Unknown in 2 patients

4: By outcome assessment up to 28 postnatal days