

Supplementary Table 1 Adjusted markers of successful extubation for the groups of female and male infants extubated from conventional ventilation. Area under the curve (AUC) for the female group 0.79, AUC for the male group 0.80

Effect	Odds Ratio	95% Confidence Interval	<i>p</i> -value
Female infants, n = 120			
GA, weeks	3.6	1.96–6.74	<0.001
Apgar > 5 at 5 min of age	5.3	1.46–19.6	0.01
Age at extubation, days	1.0	1.00–1.09	0.05
Pre-extubation FiO ₂ ≤ 0.35	5.2	1.36–19.8	0.02
Male infants, n = 138¹			
GA, weeks	3.9	2.01–7.71	<0.001
SGA	2.5	0.92–6.88	0.07
Age at extubation, days	1.0	1.00–1.09	0.05
Pre-extubation FiO ₂ ≤ 0.35	17.6	3.14–98.48	0.001
MAP at extubation	0.7	0.53–0.9	0.006

GA, gestational age; FiO₂, fraction of inspired oxygen; SGA, small for gestational age; MAP, mean airway pressure

¹Missing pre-extubation MAP for 3 (2%) infants