

S13 Table. Unadjusted analyses.

Factor	NeoSep Severity Score (at presentation)			NeoSep Recovery Score (daily on IV antibiotics)		
	HR (95% CI)	p-value	Coefficient	HR (95% CI)	p-value	Coefficient
Birth weight (kg) †	1.0	3.37 (2.75,4.13)	<0.001	1.21		
	2.0	1.35 (1.29,1.43)		0.30		
	3.0	ref		0		
Time in hospital	per additional 24 hours	1.00 (0.98,1.02)	0.96	0.00		
Gestational age	per additional week	0.86 (0.84,0.89)	<0.001	-0.15		
Congenital anomalies		1.73 (1.22,2.44)	0.002	0.55		
Maximum respiratory support:	None	ref	<0.001	0	ref	<0.001
	Oxygen supplementation	3.51 (2.16,5.70)		1.26	11.9 (5.50,25.7)	
	CPAP, BiPAP, HFNC	7.48 (4.58,12.2)		2.01	19.7 (9.00,43.2)	
	Invasive ventilation	17.3 (10.8,27.8)		2.85	94.5 (44.4,201.4)	
Temperature (°C) †	35.5	2.10 (1.47,2.99)		0.74	1.62 (1.23,2.13)	<0.001
	37	ref		0	ref	
	38	0.91 (0.77,1.08)		-0.09	1.47 (1.08,2.00)	
	39	1.15 (0.70,1.87)		0.14	3.81 (1.83,7.96)	
Abdominal distension		1.73 (1.36,2.20)	<0.001	0.55	2.74 (2.08,3.61)	<0.001
Lethargy, no or reduced movement:	None	ref	<0.001	0	ref	<0.001
	Lethargy only	1.49 (1.14,1.95)		0.40	4.27 (3.08,5.91)	
	No/reduced movement (± lethargy)	3.44 (2.42,4.88)		1.23	15.2 (10.6,21.8)	
Difficulty feeding		1.68 (1.32,2.14)	<0.001	0.52	3.95 (2.96,5.27)	<0.001
Evidence of shock		3.11 (2.40,4.04)	<0.001	1.14	8.54 (6.28,11.6)	<0.001
Cyanosis		2.08 (1.50,2.87)	<0.001	0.73	5.91 (4.04,8.65)	<0.001