

Supplemental Table 2 – Univariate Cox regression for prediction of non-survival in 85 horses hospitalized for acute colitis.

Variable	Hazard ratio (95% CI)	P value
Final diagnosis		
Coronavirus	1.41 x10 ⁻²⁰ (incalculable)	Incalculable
Neorickettsiosis	Referent	*
Salmonellosis	0.49 (-0.03 - 1.01)	0.07
Unknown	0.79 (0.01 - 1.57)	0.05
Laminitis – yes	4.51 (1.89 - 10.78)	0.0008
Admission temperature (degF)	0.98 (0.76 - 1.26)	0.86
Admission heart rate (bpm)	1.05 (1.03 - 1.08)	<0.001
Packed cell volume (%)	1.07 (1.04 - 1.11)	<0.001
Total solids (g/dL)	0.72 (0.49 - 1.06)	0.09
Lactate (mmol/L)	1.29 (1.14 - 1.45)	<0.001
Blood glucose (mg/dL)	1.01 (1.01 - 1.02)	0.002
White blood cells (/μL)	1.19 (1.08 - 1.32)	<0.001
Neutrophils (/μL)	1.15 (1.03 - 1.29)	0.01
Band neutrophils (/μL)	2.76 (0.95 - 7.99)	0.06
Lymphocytes (/μL)	1.55 (1.2 - 1.99)	0.001
Eosinophils (/μL)	0.03 (5.23e-06 - 190.8)	0.44
Basophils (/μL)	0.04 (2.19e-06 - 869.91)	0.54
Platelet count (/μL)	0.99 (0.99 - 1.01)	0.34
Fibrinogen (mg/dL)	1.00 (0.99 - 1.004)	0.17
Glucose (mg/dL)	1.02 (1.01 - 1.03)	<0.001
Creatinine (mg/dL)	1.47 (1.12 - 1.93)	0.005
Sodium (mmol/L)	0.97 (0.9 - 1.05)	0.47
Potassium (mmol/L)	1.5 (1.04 - 2.14)	0.03
Chloride (mmol/L)	0.96 (0.9 - 1.02)	0.21
tCO₂ (mmol/L)	0.92 (0.85 - 0.99)	0.03
Total calcium (mg/dL)	0.64 (0.48 - 0.87)	0.004
Phosphorus (mg/dL)	1.3 (1.09 - 1.54)	0.003
Total protein (g/dL)	0.69 (0.45 - 1.08)	0.1
Albumin (g/dL)	0.61 (0.24 - 1.55)	0.3
AST (U/L)	1.00 (0.99 - 1.002)	0.35
CK (U/L)	1.00 (0.99 - 1.000)	0.1
GGT (U/L)	1.0 (0.99 - 1.007)	0.79
Total bilirubin (mg/dL)	1.05 (0.89 - 1.25)	0.57