

Supplementary Table S7 Negative binomial regression model describing risk factors associated with intensity of *Parascaris* spp. egg shedding as determined by Mini-FLOTAC

Variable	Level	Estimate	SE ^a	RR ^d	95% CI ^b	p value ^c
Season	Spring	Ref		1		
	Summer	2.88	0.81	17.82	3.64-87.4	<0.0001
	Autumn	2.80	0.56	16.47	5.51-49.24	<0.0001
	Winter	1.89	0.33	3.28	1.70-6.33	0.0003
Age group	Foals (<1 year)	Ref.		1		
	Yearlings (1-4 years)	-3.80	0.89	0.02	0.004-0.13	<0.0001
	Adults (>4 years)	-2.77	1.05	0.06	0.008-0.49	0.008
Sex	Male	Ref.		1		
	Female	0.62	0.35	1.87	0.95-3.68	0.071
Foals no.		-0.0009	0.02	0.99	0.96-1.02	0.555

Number of observations in the model: 566

AIC 383.34, Nagelkerke's $R^2 = 0.590$.

^aSE, standard error.

^bCI, confidence interval.

^cResult of t test.

^dRR, rate ratio.

n.a., not available.