

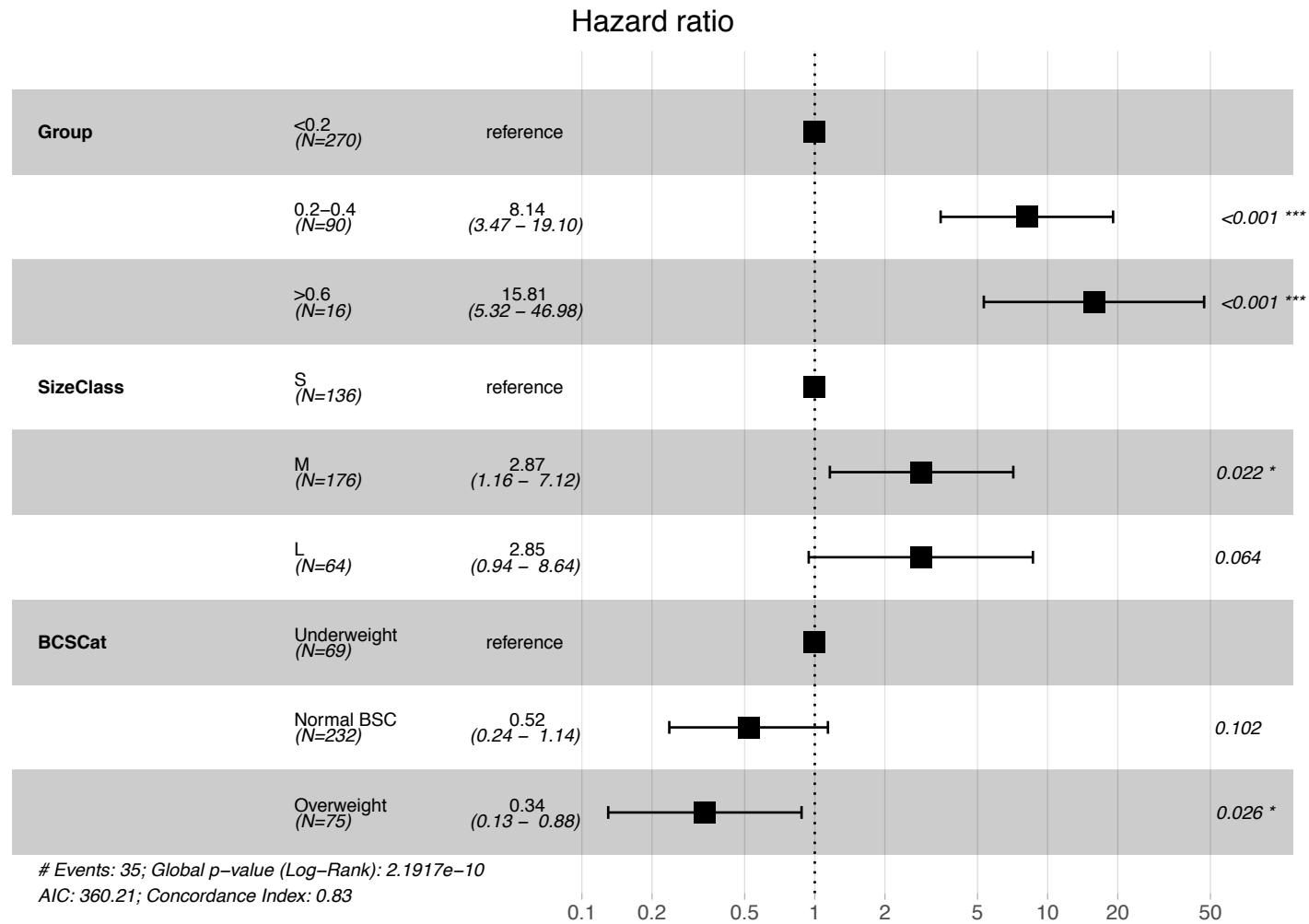
A Frailty Index based on clinical data to quantify mortality risk in dogs

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Complete results of the survival analysis

Model	Explanatory variables	Regression coefficients	Hazzard ratio	Standard error of the coefficient	z (Wald statistic value)	P-value
FI	Group0.2-0.4	2.22	9.21	0.41	5.298	<0.001
	Group>0.6	2.89	18.06	0.51	5.584	<0.001
FI+Age	Group0.2-0.4	2.09	8.09	0.43	4.755	<0.001
	Group>0.6	2.66	14.41	0.56	4.721	<0.001
	Age	0.04	1.04	0.05	0.948	0.343
FI+Gender	Group0.2-0.4	2.22	9.26	0.41	5.310	<0.001
	Group>0.6	2.89	18.04	0.51	5.582	<0.001
	Gender	0.16	1.17	0.33	0.476	0.634
FI+BCS Category	Group0.2-0.4	2.18	8.87	0.42	4.755	<0.001
	Group>0.6	2.81	16.69	0.39	-1.519	<0.001
	Normal BCS	-0.59	0.55	0.09	-1.776	0.0757
	Overweight	-0.95	0.38	0.48	-1.967	0.0492
FI+Size Category	Group0.2-0.4	2.18	8.91	0.42	5.207	<0.001
	Group>0.6	2.81	0.52	0.39	5.402	<0.001
	SizeClassM	0.98	2.66	0.46	2.123	0.033
	SizeClassL	0.87	2.40	0.55	1.570	0.116
FI+Size Category+BCS Category	Group0.2-0.4	2.09	8.14	0.43	4.821	<0.001
	Group>0.6	2.76	15.80	0.55	4.968	<0.001
	Normal BCS	-0.65	0.51	0.40	-1.635	0.1020
	Overweight	0.33	2.40	0.48	-2.228	0.0259
	SizeClassM	1.05	2.87	0.46	2.228	0.0225
	SizeClassL	1.04	2.85	0.56	1.854	0.0638

Table reporting the statistics of different Cox proportional hazards regression models combining FI with all other considered variables of interest.



Forest Plot reporting the HR compared to the reference level and the relative 95% confidence intervals for all the explanatory variables included in the model.

Group = FI categories; SizeClass= Dog Size Category; BCSCat= Body Condition score Category.