

Selection results for logistic regression models used to describe temporal and species variation in rRT-PCR prevalence among age and sex classifications.

Model Structure ^a	# parameters ^b	AIC ^c	Δ AIC ^d	AIC weight ^e
Sex, age, sex*age, date, species	7	1054.1	0.0	0.696
Sex, age, sex*age, date, species, species*date	9	1055.8	1.7	0.294
Sex, age, sex*age, date	5	1062.6	8.50	0.010
Sex, age, sex*age, species	6	1079.9	25.8	<0.001
Sex, age, sex*age	4	1084.2	30.1	<0.001
Constant	1	1111.1	57	<0.001

- a. n=2,086.
- b. Number of parameters in each model.
- c. Akaike's Information Criterion value.
- d. Difference in AIC value for each model relative to the lowest AIC for each species. Δ AIC = 0 indicates the most parsimonious model for each species.
- e. Weight of evidence that a model represents the true best model considered.