

Supplementary File 5: Results obtained from fitting the third logistic regression analysis in Model 2.

	Models	Residual deviance	Deviance change	df	df change	P
	Null	367.35		308		
Model 2	+ (-1/Age)	123.25	244.101	307	1	<0.0001
	+Precipitation	118.77	4.477	306	1	0.0344
	+ Age*Precipitation	117.77	1.730	305	1	0.1884

“Absence/ Presence” was considered as the response variable and “Age”, “Precipitation” and their interactions as predictor variables.