

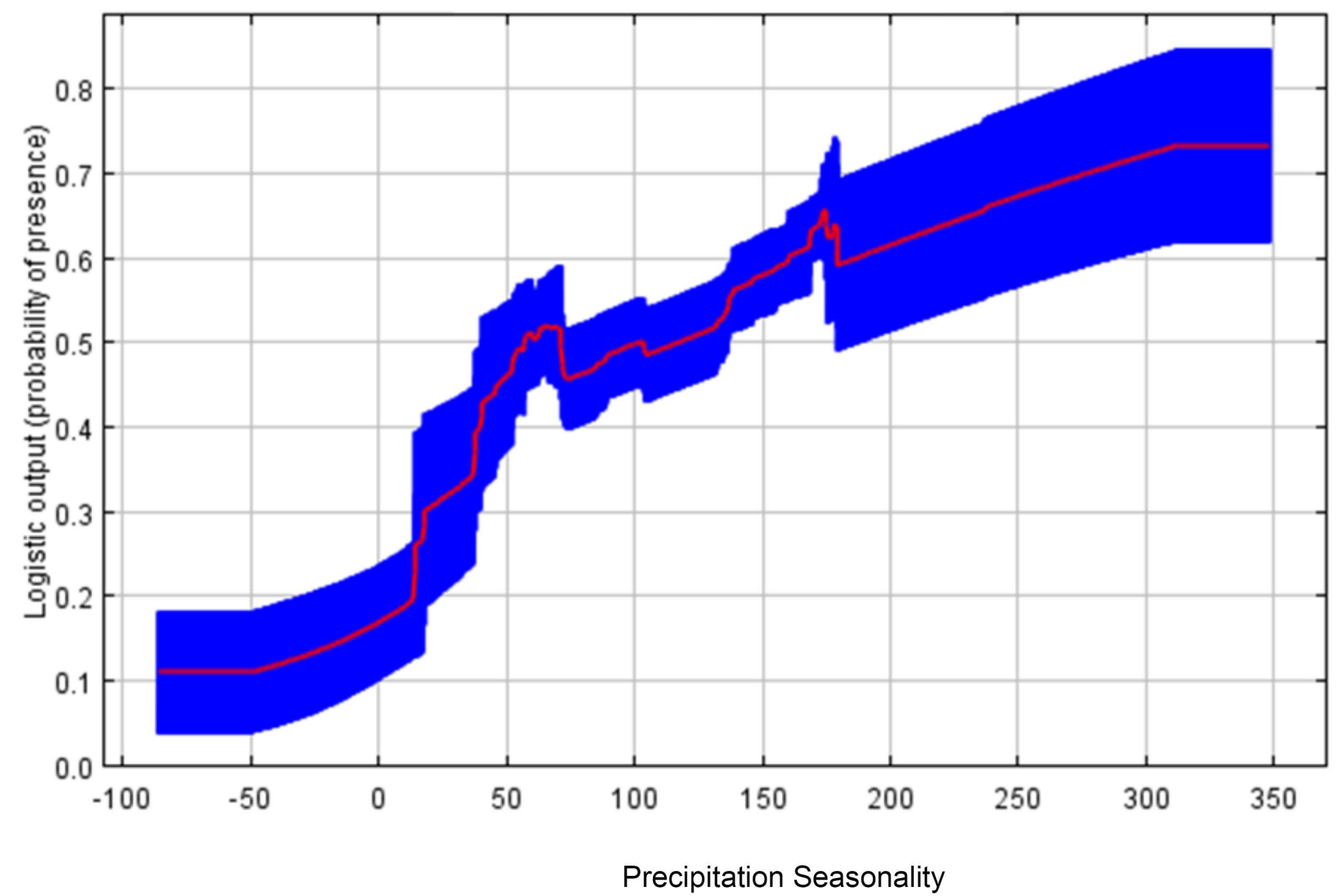
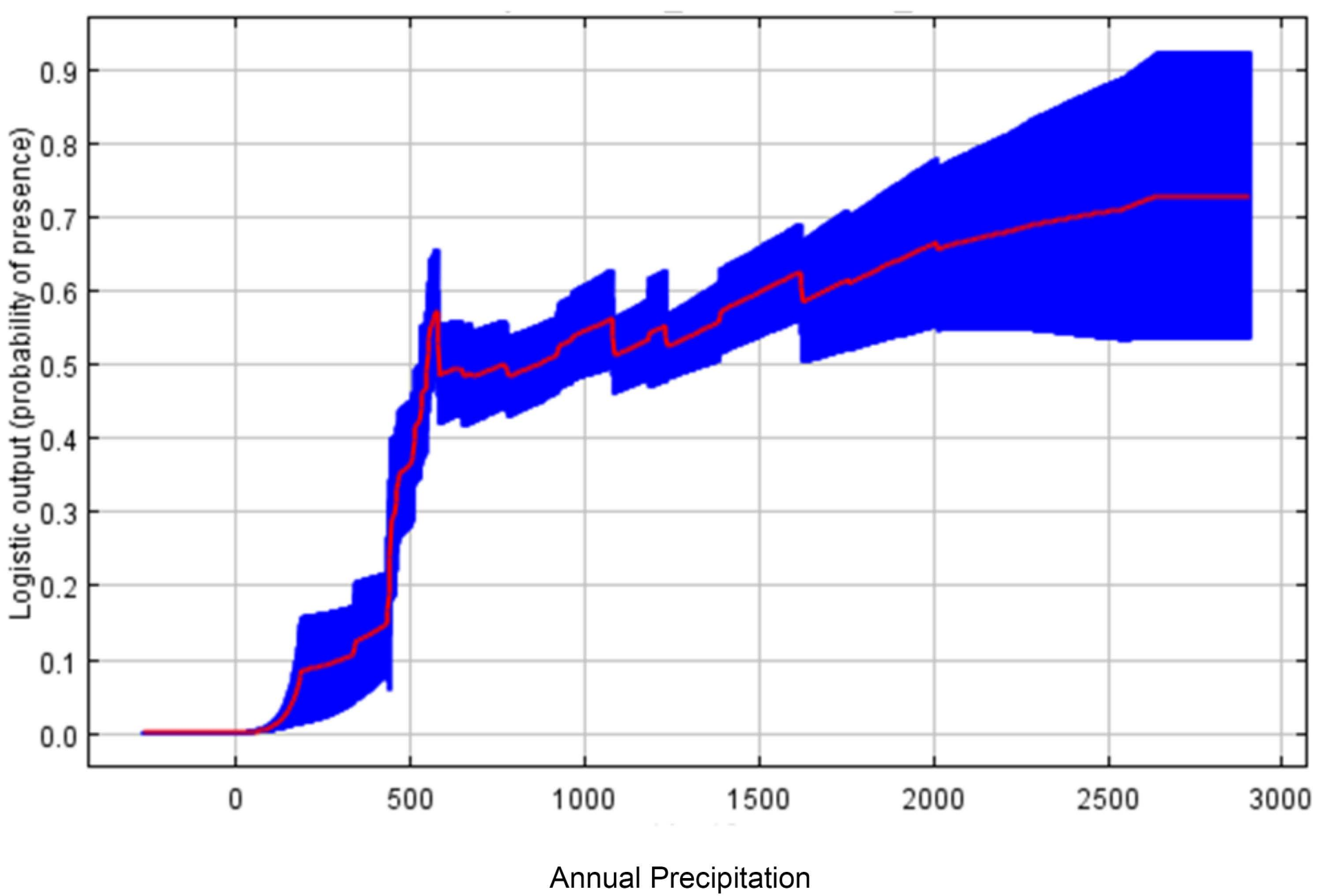
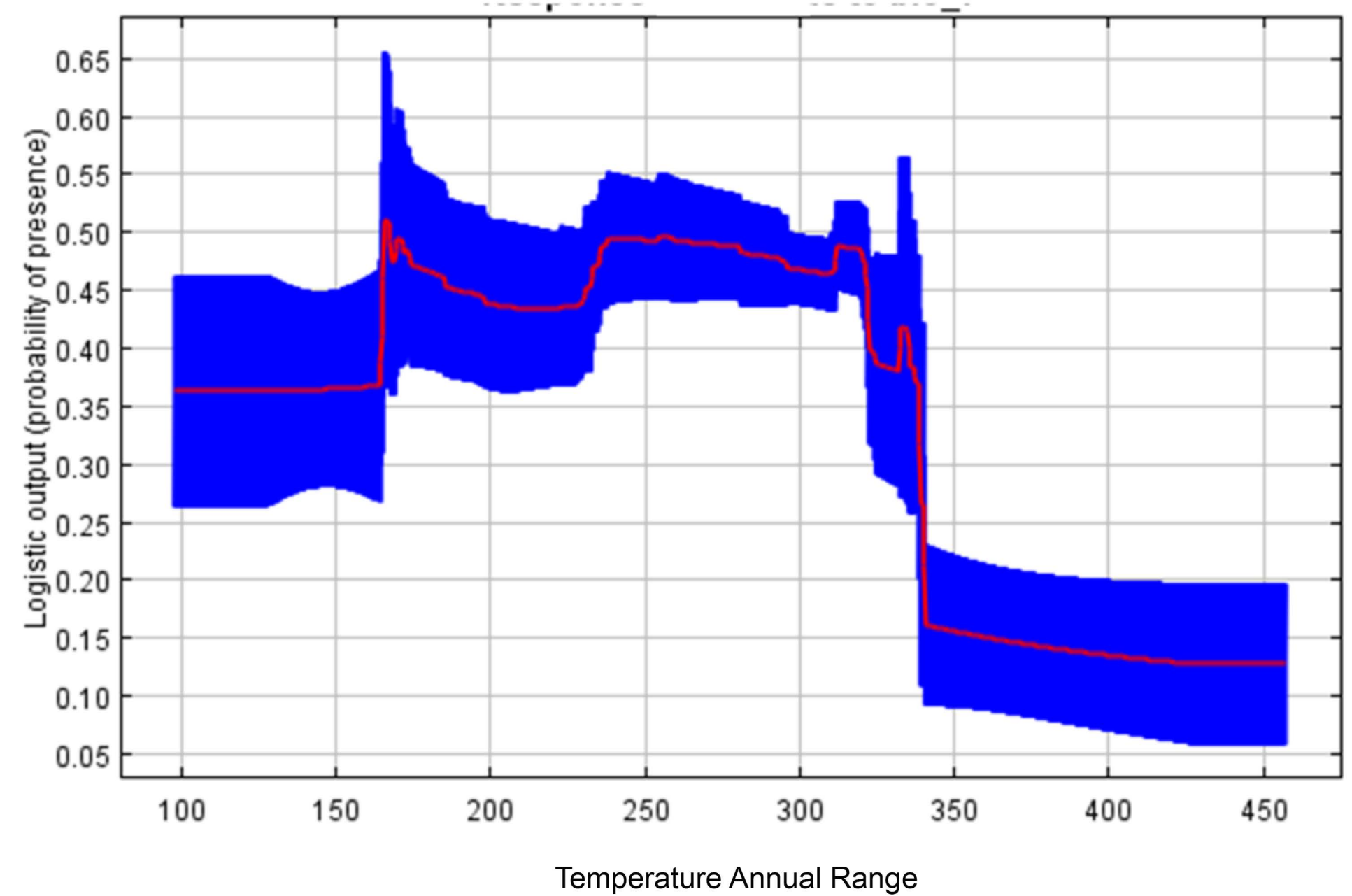
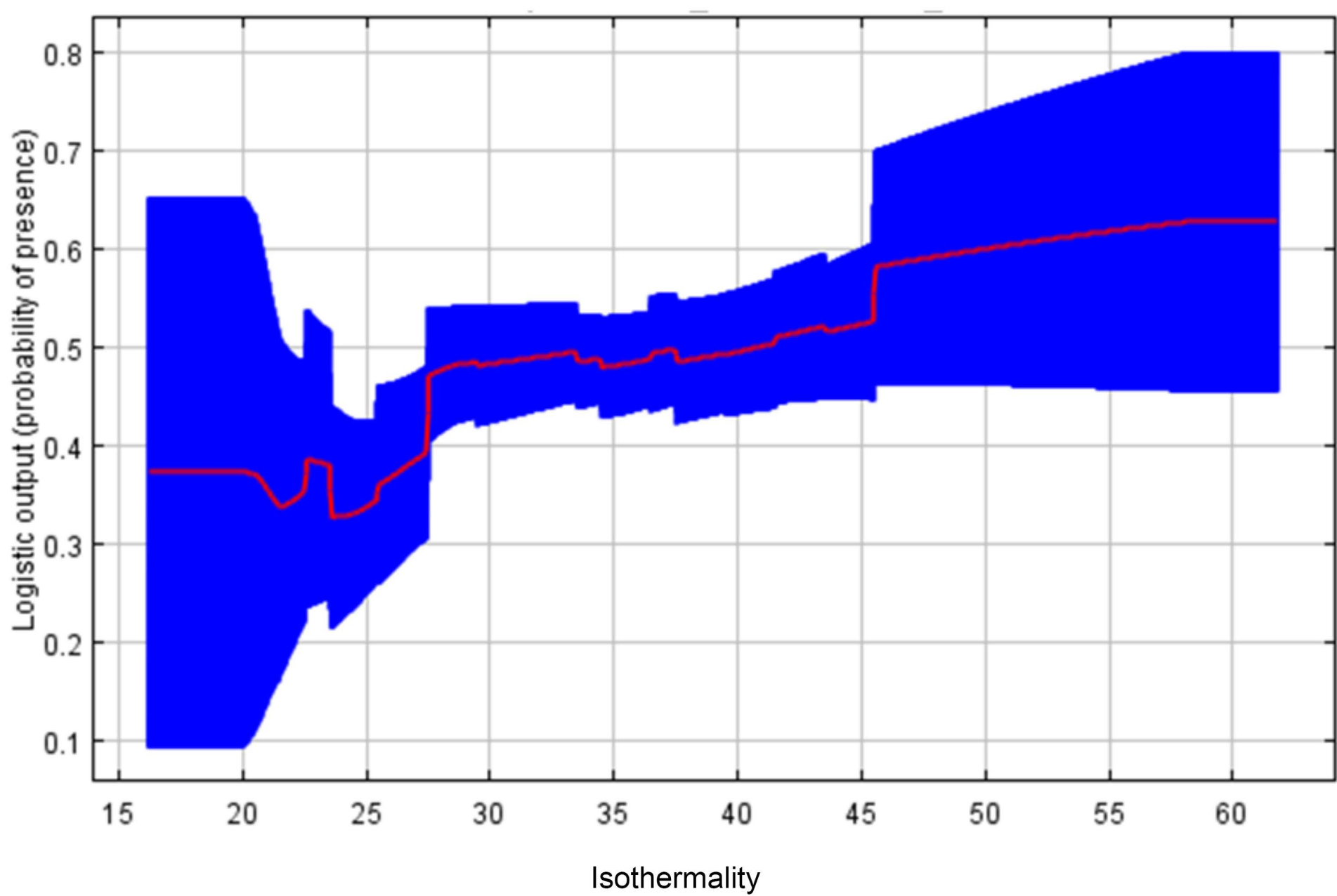
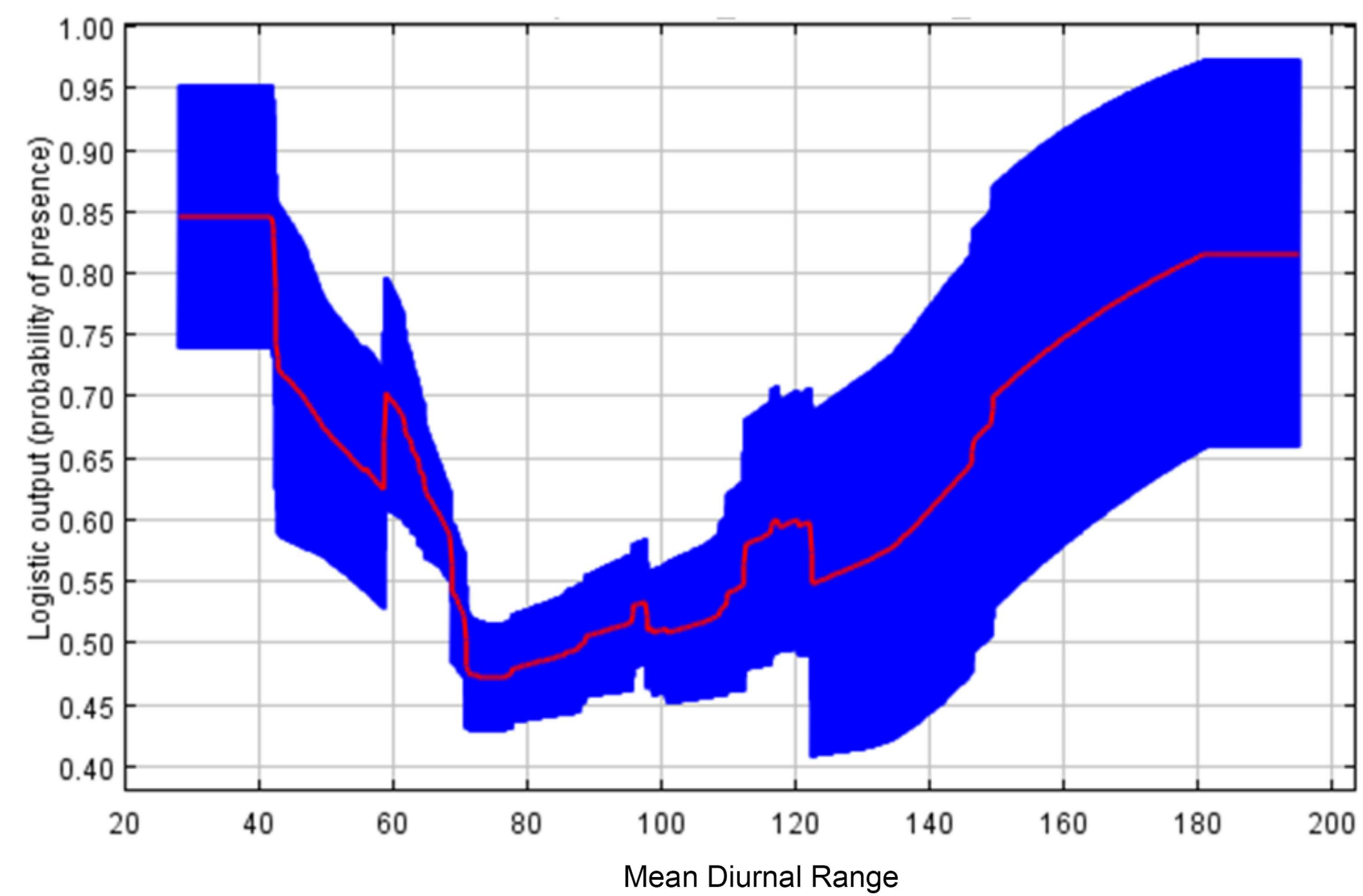
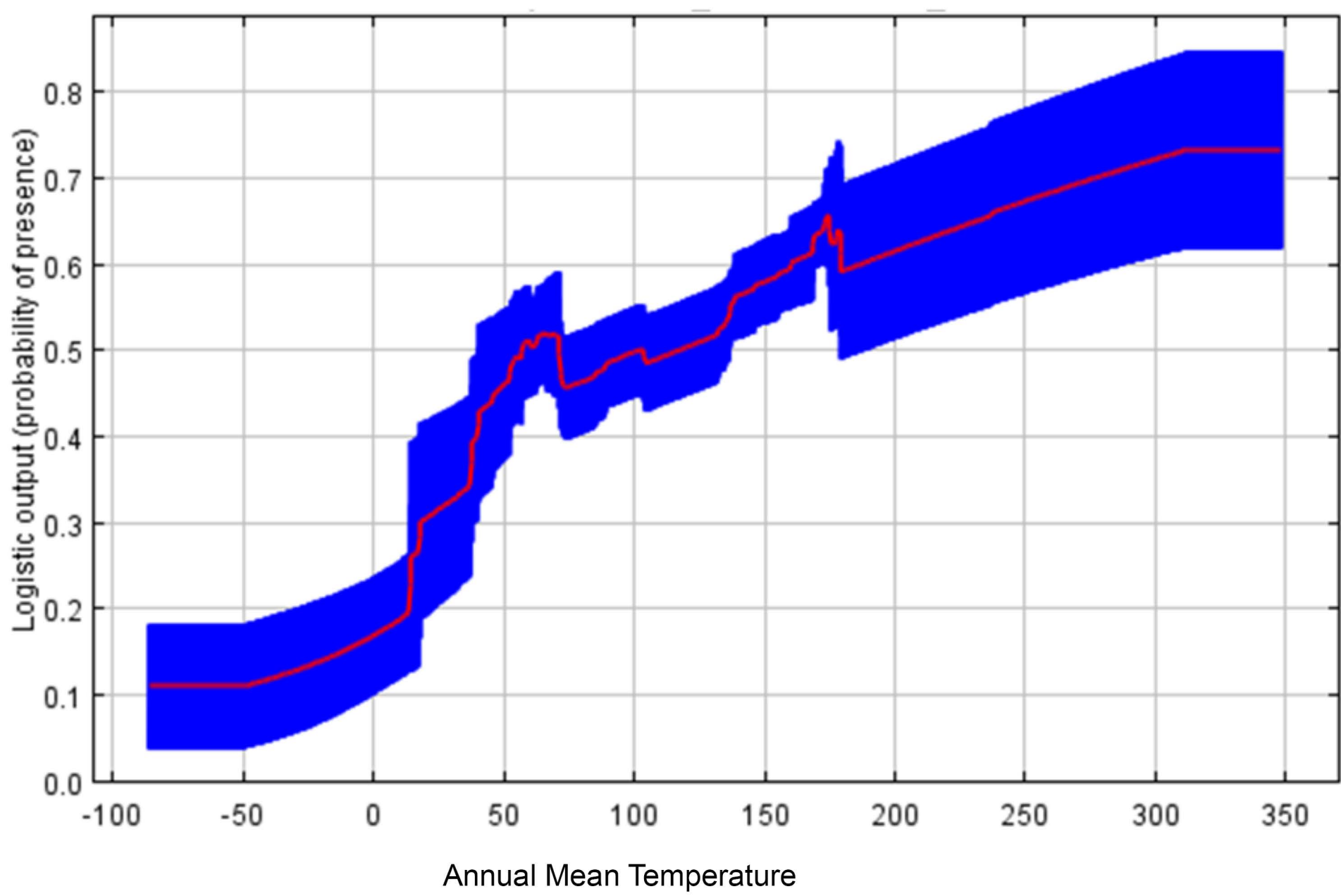
S4 File. Relative contributions of six environmental variables to the ecological niche models for *Ixodes ricinus* and its response to those variables. This supporting information shows the results regarding the relative contributions of six environmental variables to models for *I. ricinus* based on 5 random subsets of occurrences.

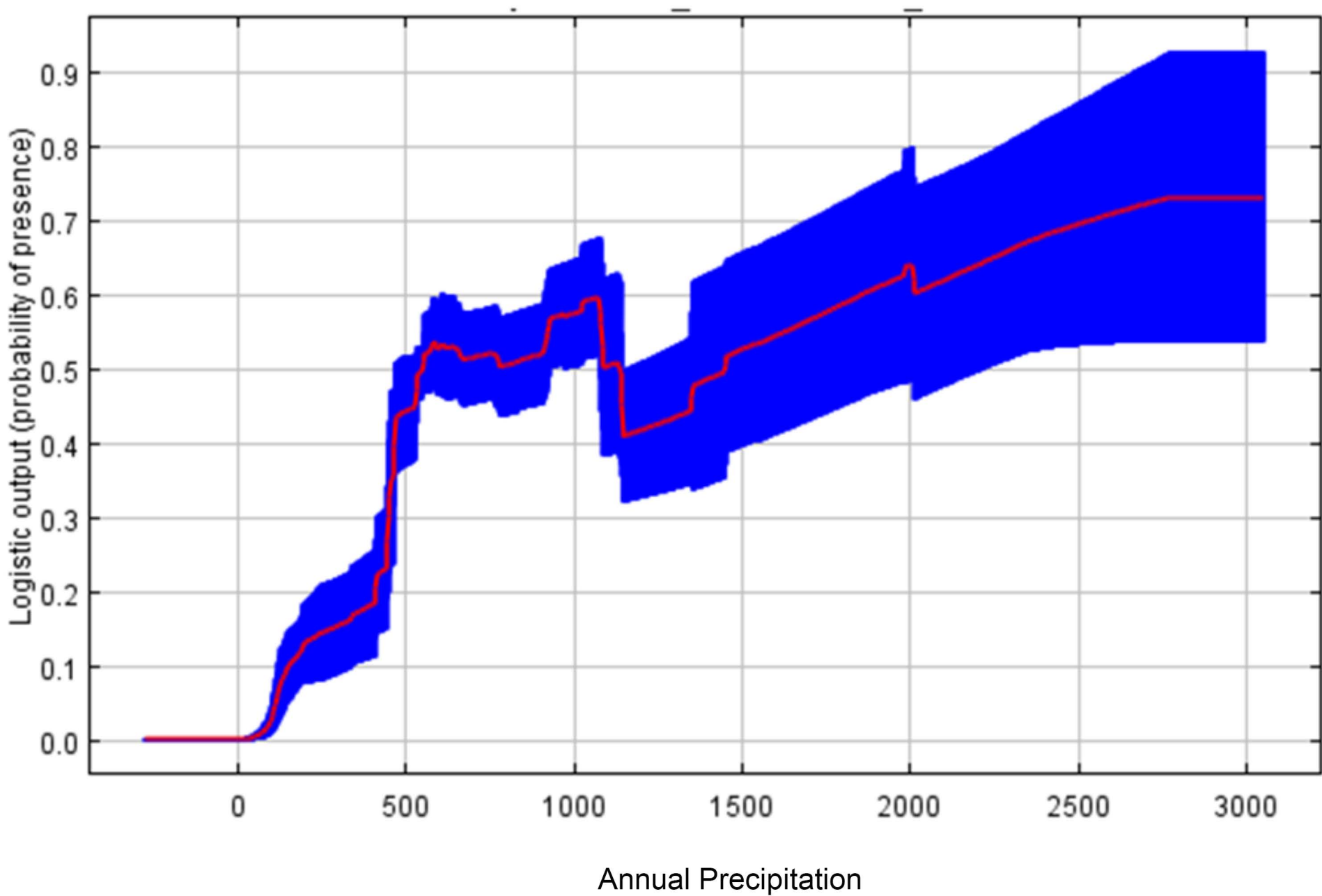
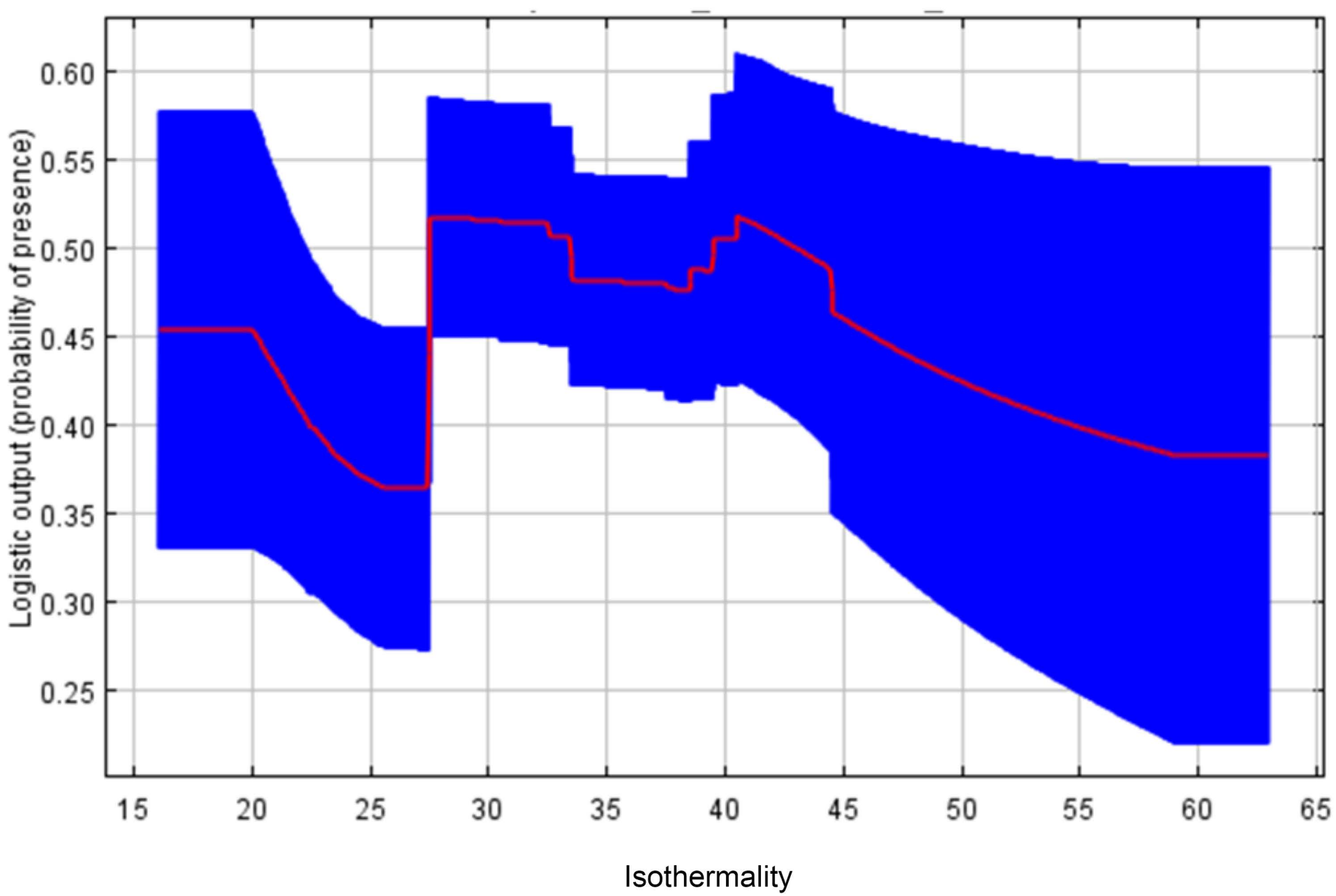
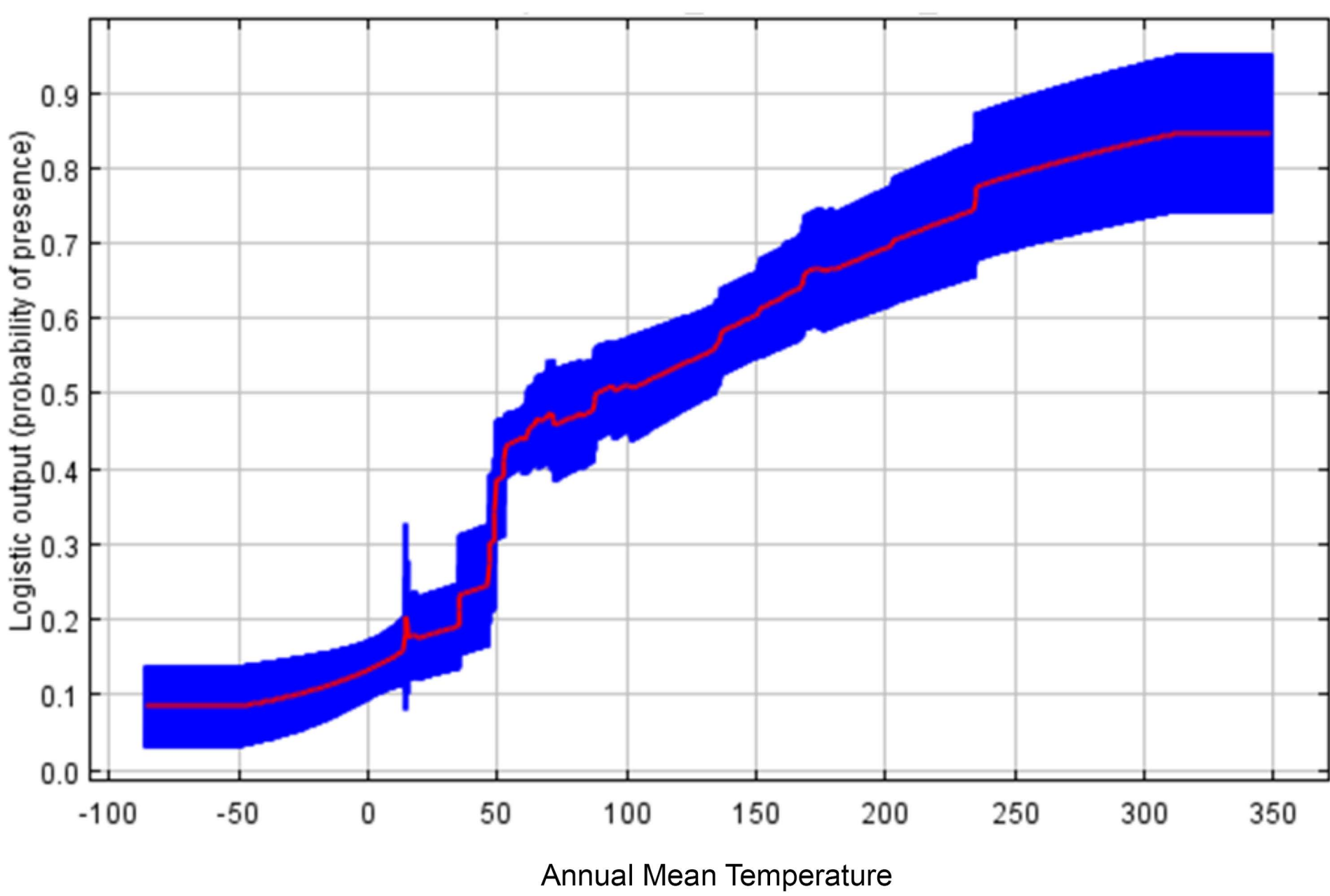
Table I. The relative contributions of the environmental variables to the ecological niche models for *Ixodes ricinus* based on five random subsets selected in the analyses.

Variable	% Contribution				
	Subset #1	Subset #2	Subset #3	Subset #4	Subset #5
Annual Precipitation	56.5	55.1	50.3	55	57.3
Temperature Annual Range	21.5	21.8	28.1	23.8	25.1
Annual Mean Temperature	8.1	11.3	10.6	8.6	11.1
Precipitation Seasonality	5.8	2.8	5.2	7.4	1.6
Isothermality	4.6	3.6	3.3	2.9	1.5
Mean Diurnal Range	3.5	5.3	2.6	2.2	3.4

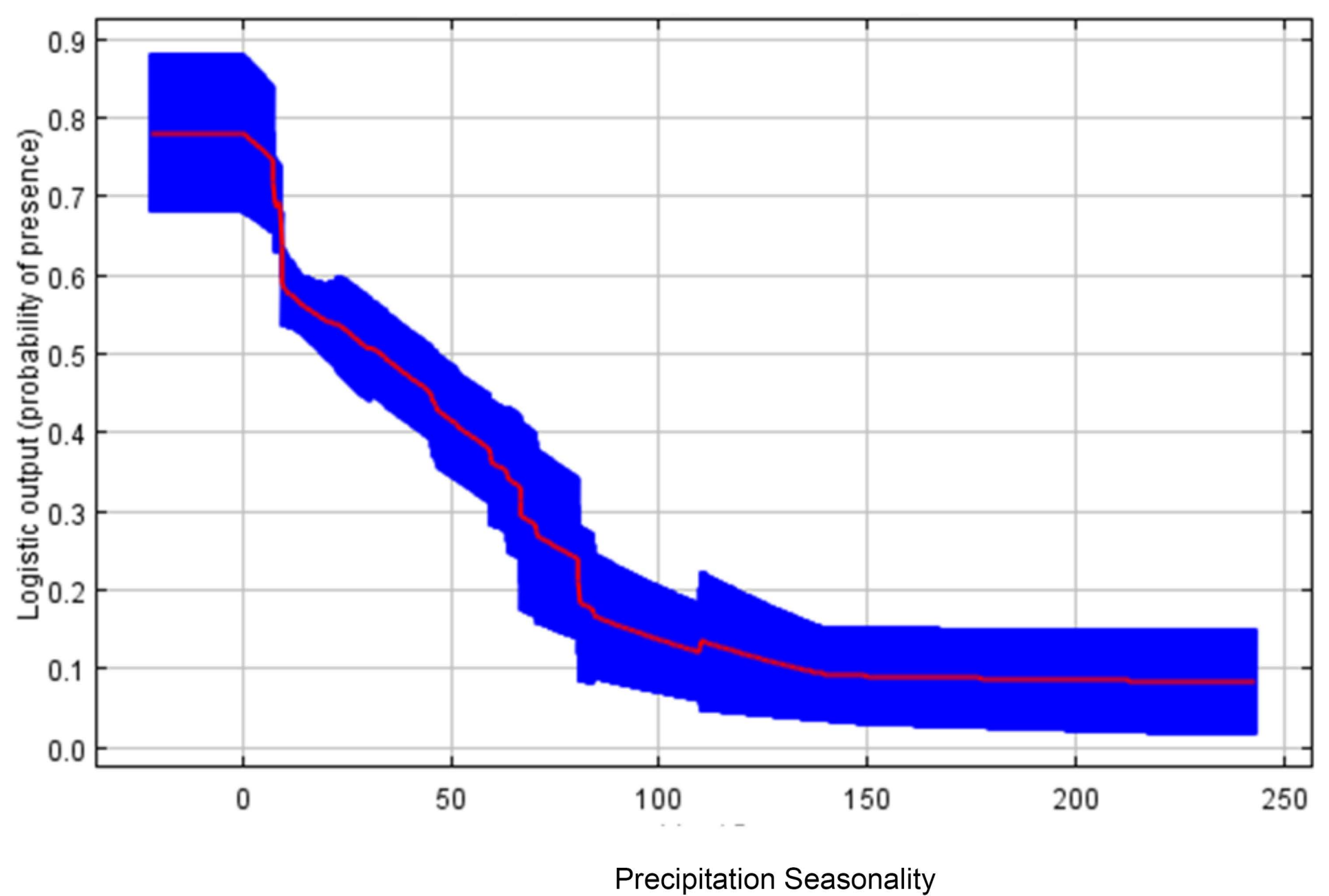
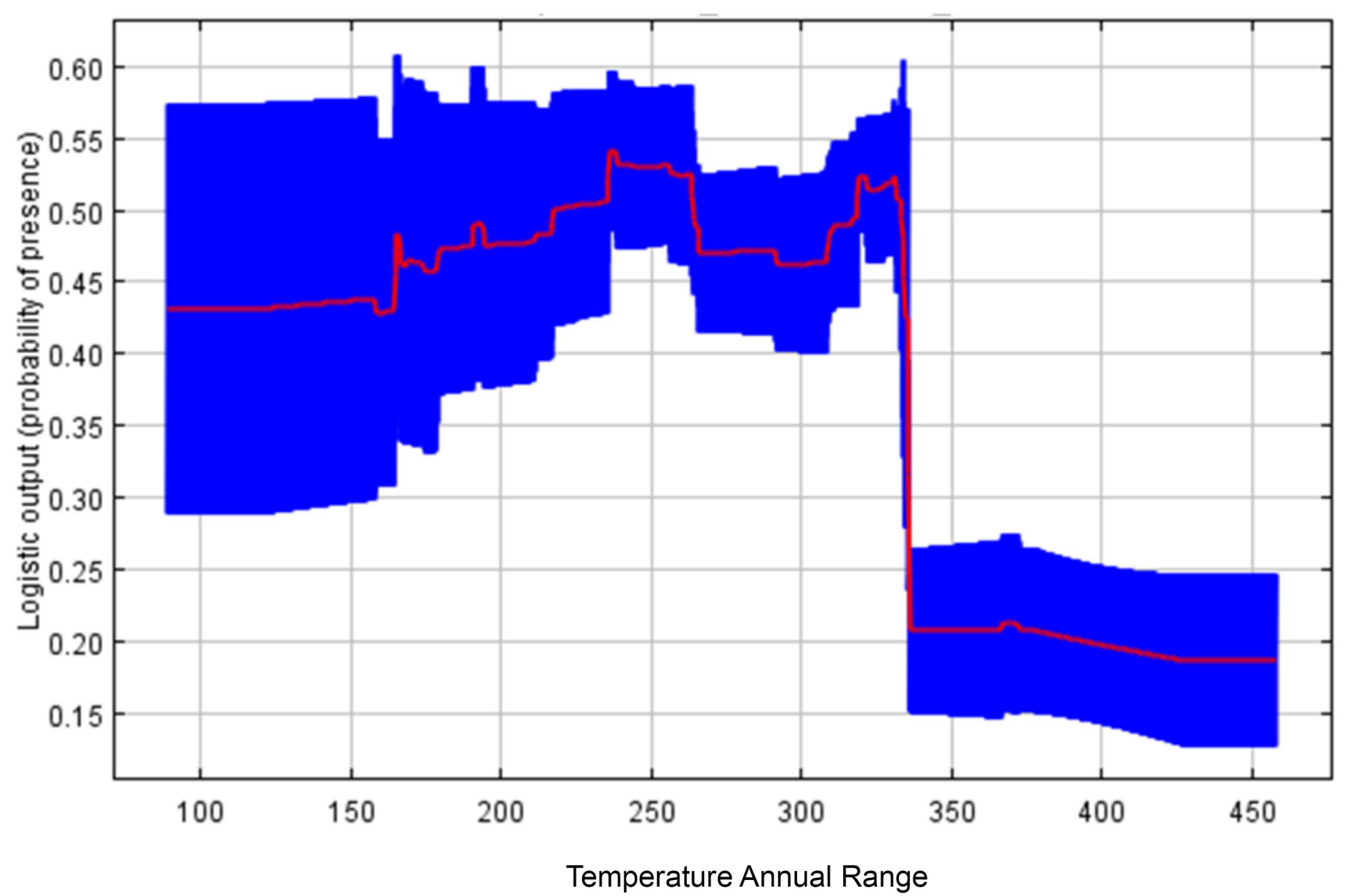
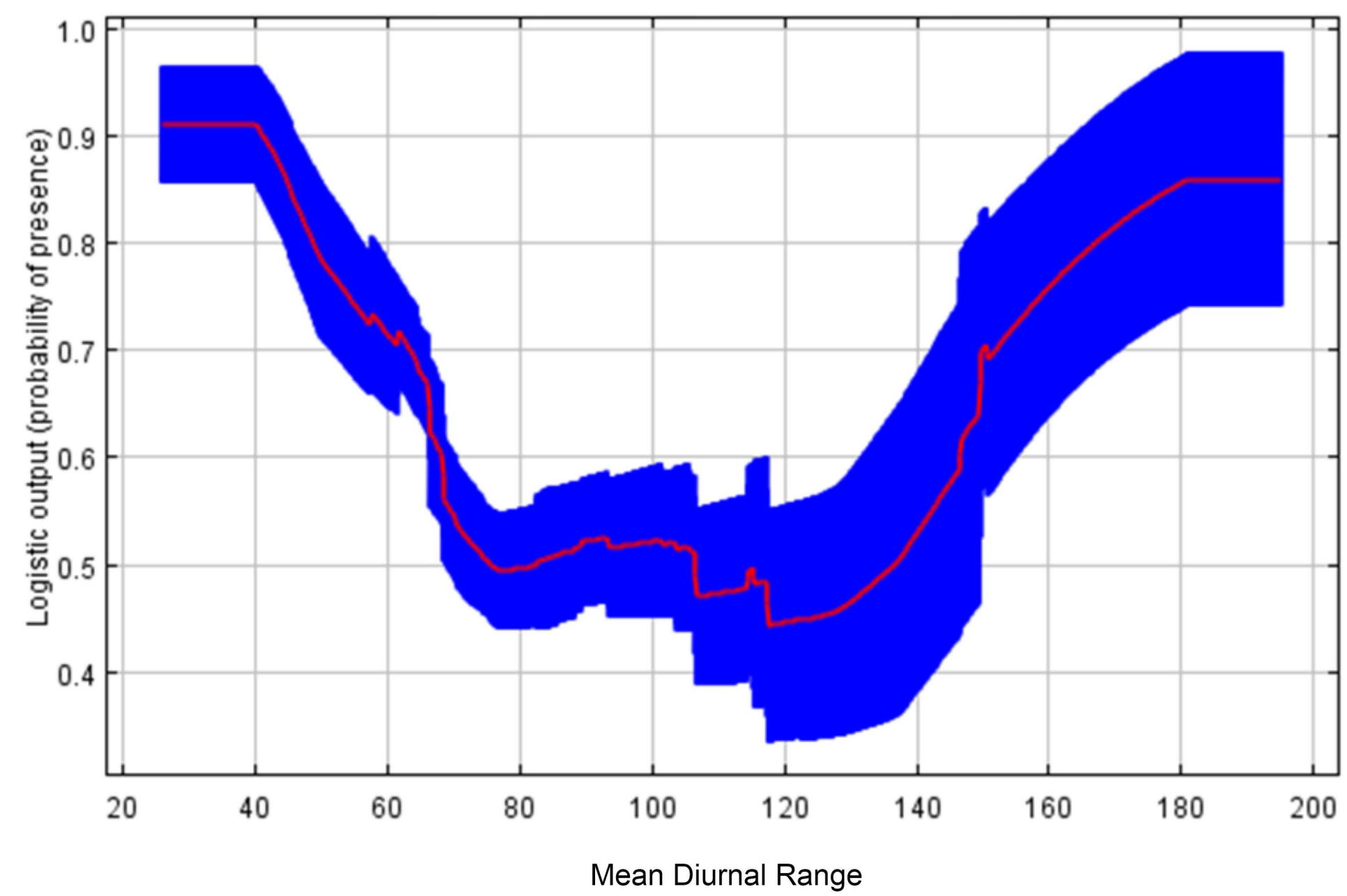
Figure I. Response curves of *Ixodes ricinus* to the six environmental variables included in the model based on five random subsets of occurrences; a) subset #1, b) subset #2, c) subset #3, d) subset #4, and e) subset #5. The graph shows how the Maxent logistic prediction (y-axis) varies across the range of values of each predictor when used in a one-variable model. Red line presents the mean response of 10 iterations of the Maxent runs and the blue area presents mean \pm one standard deviation.

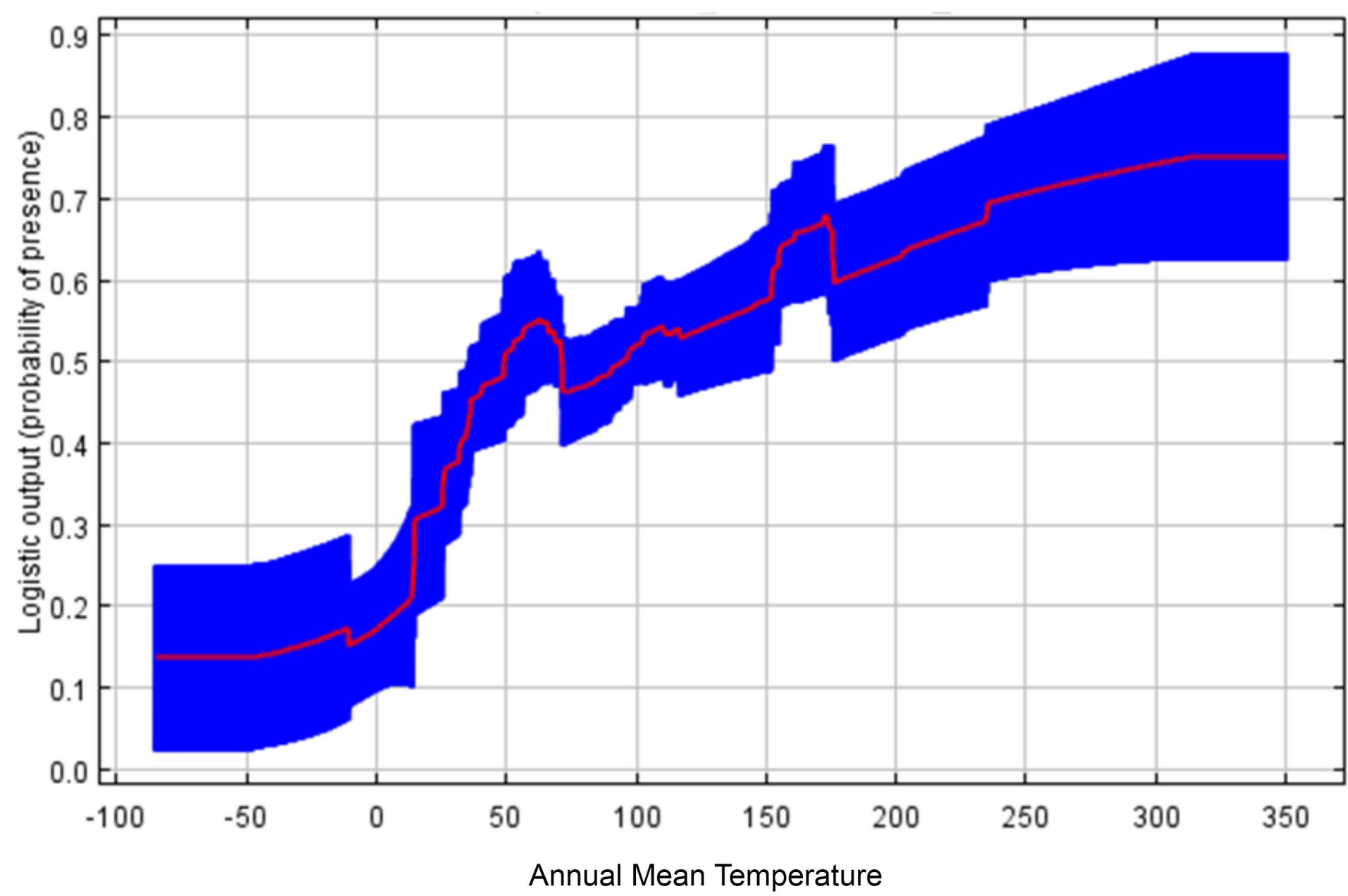
(a)



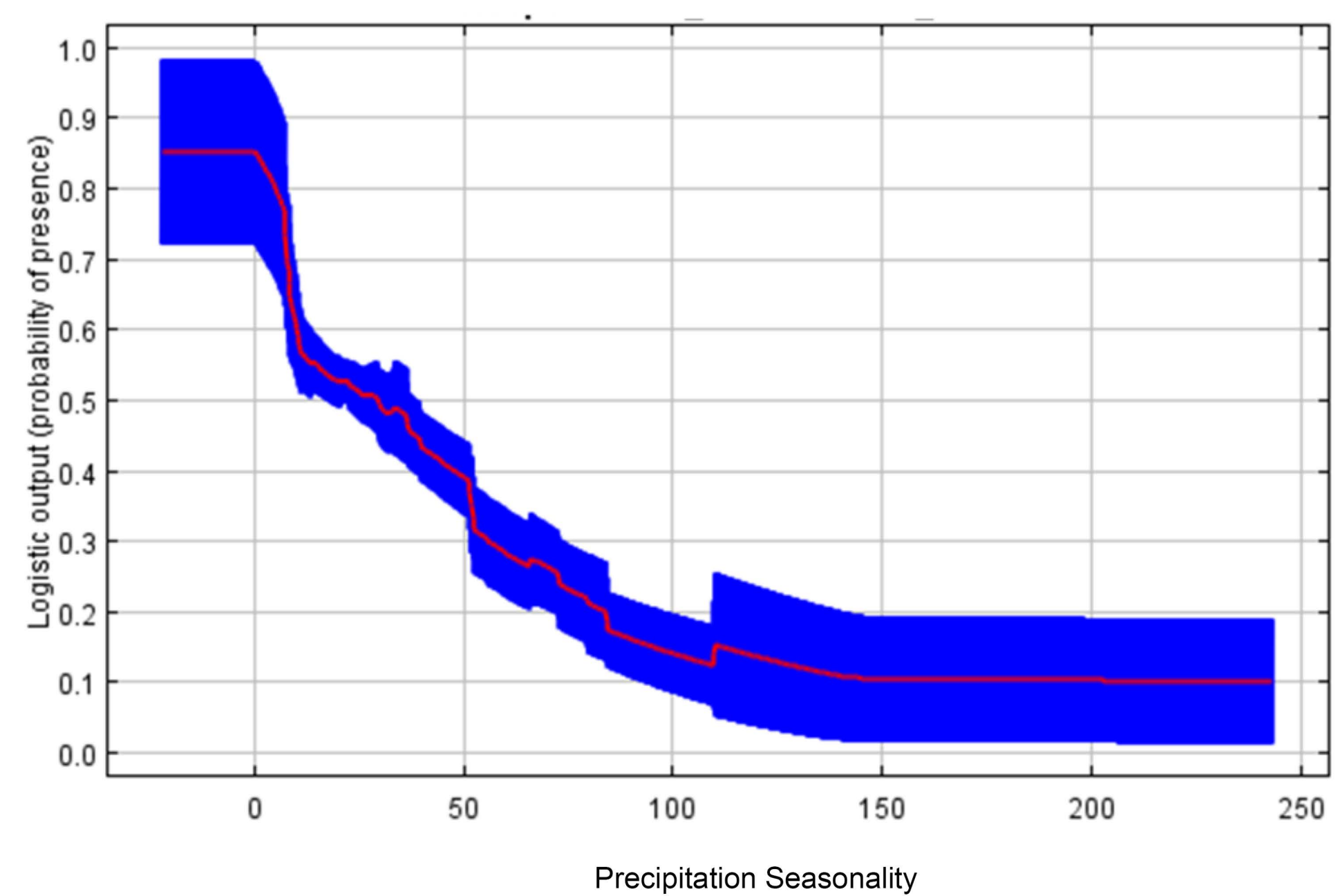
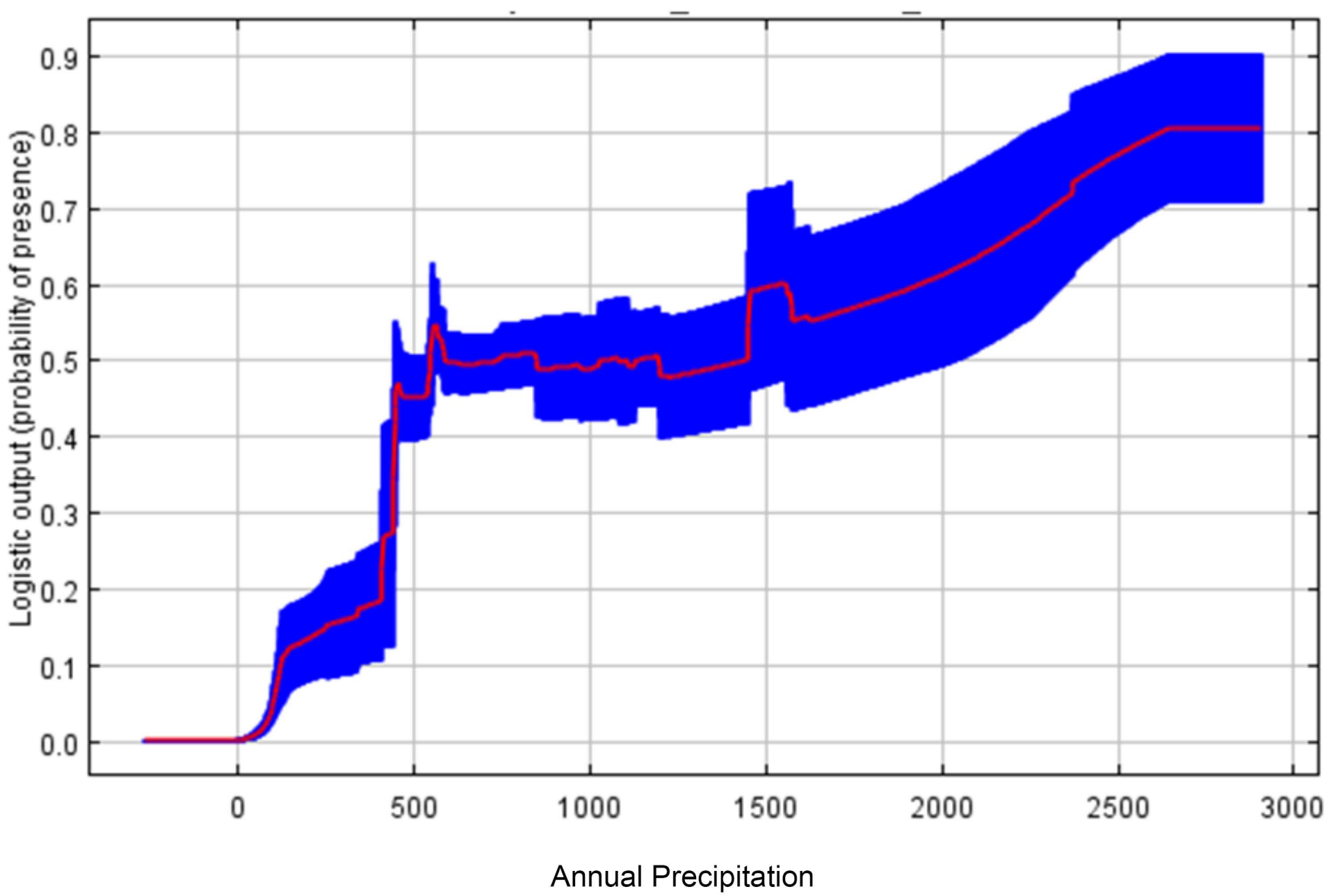
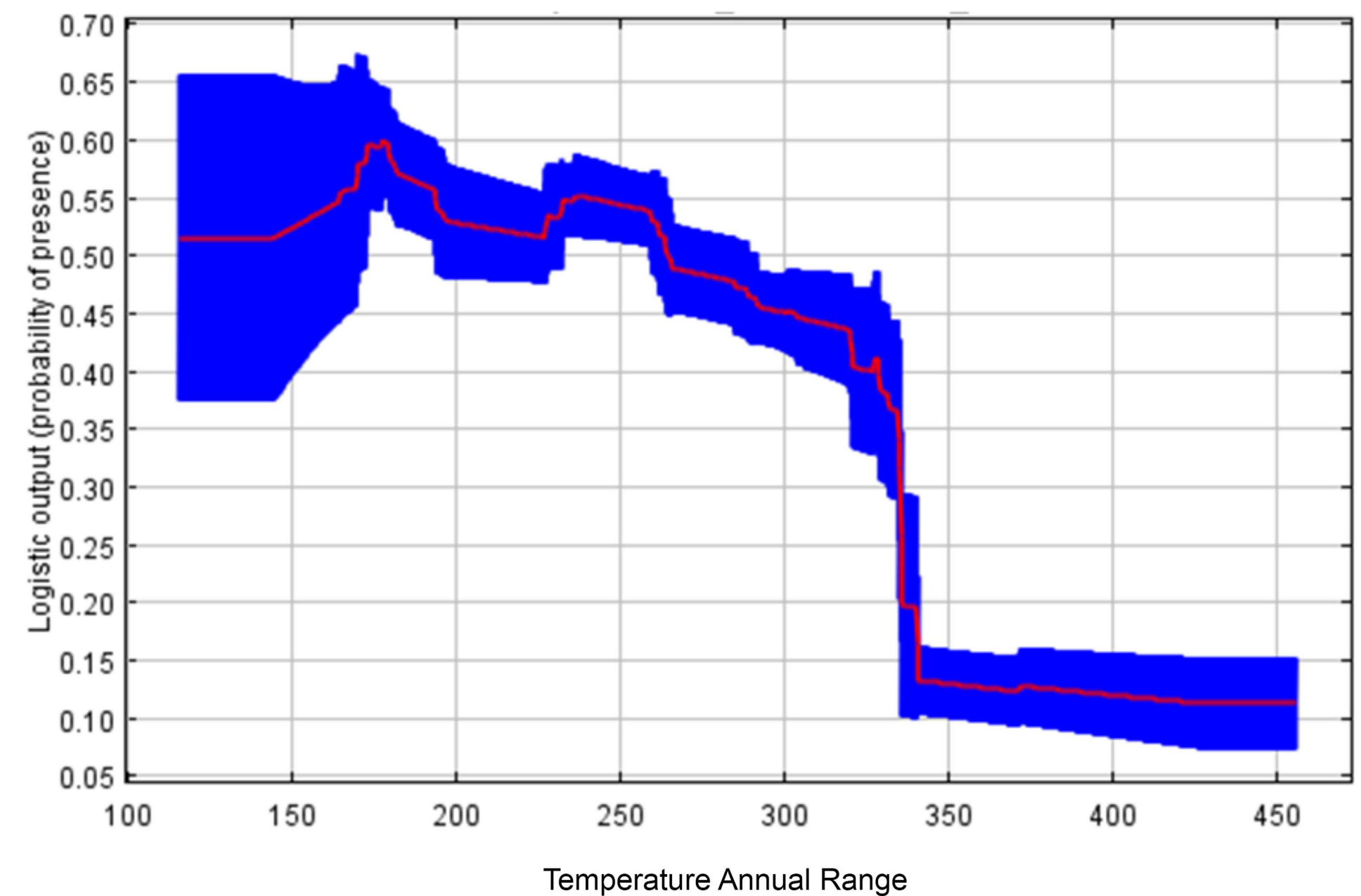
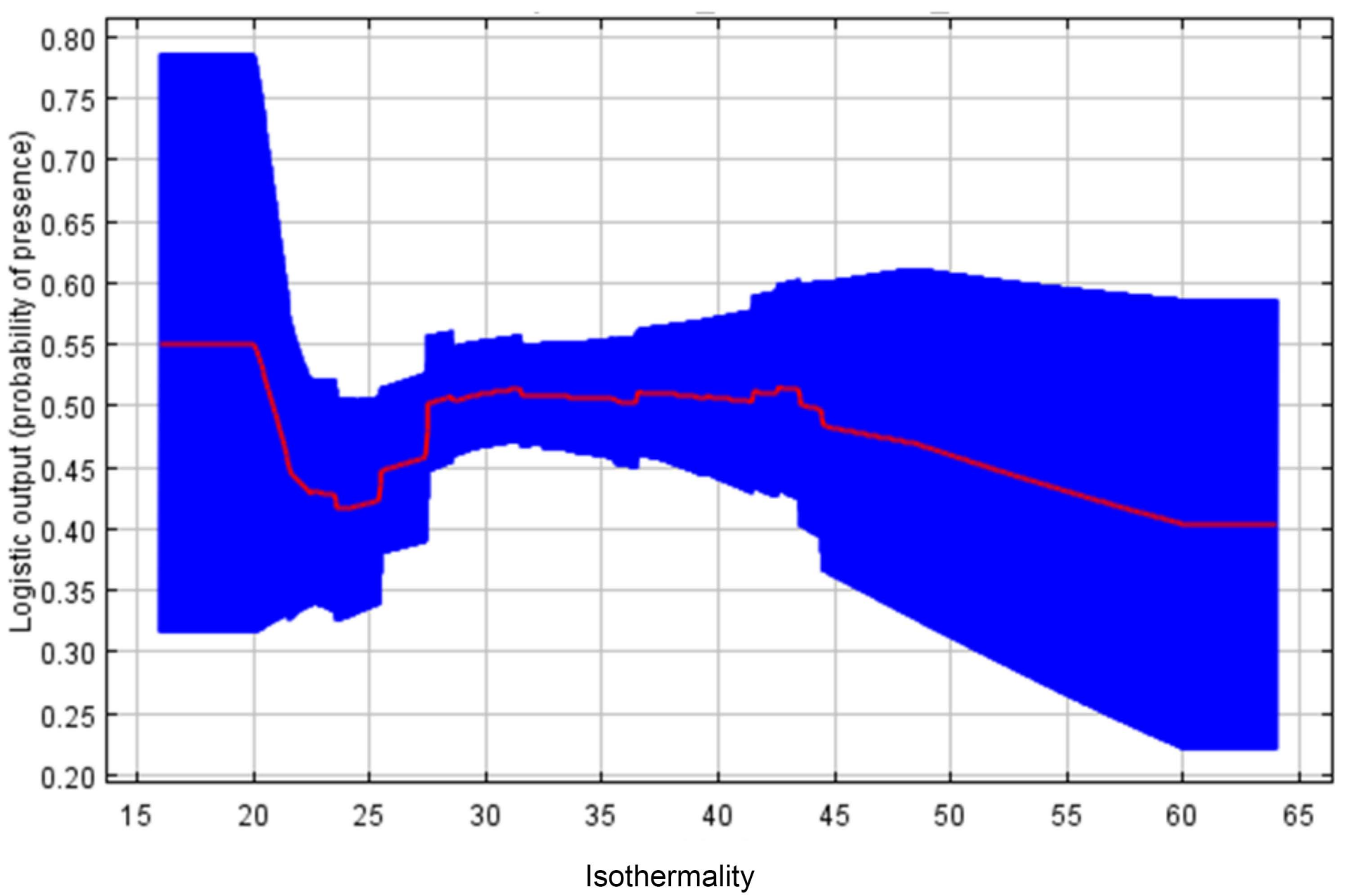
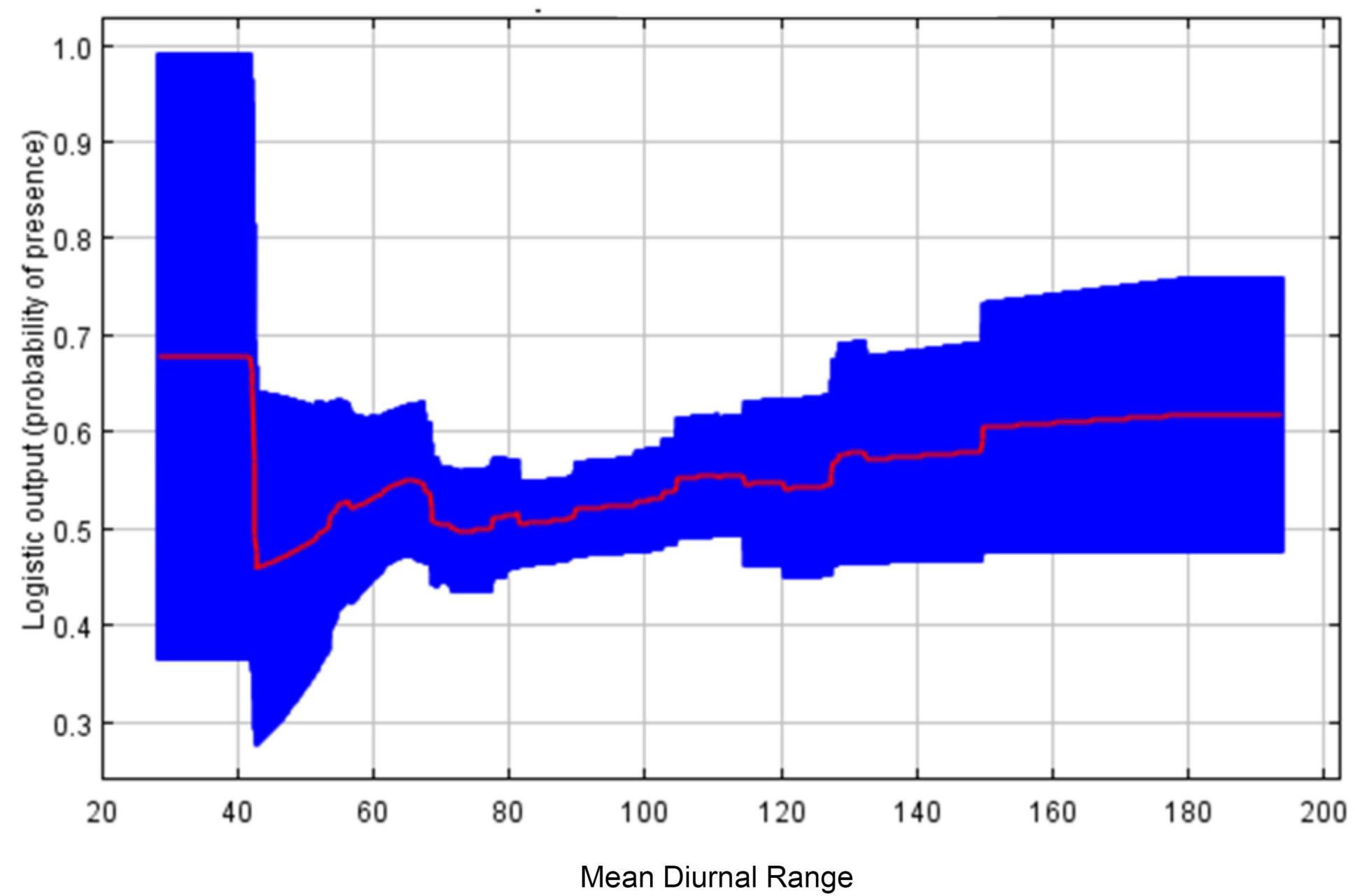


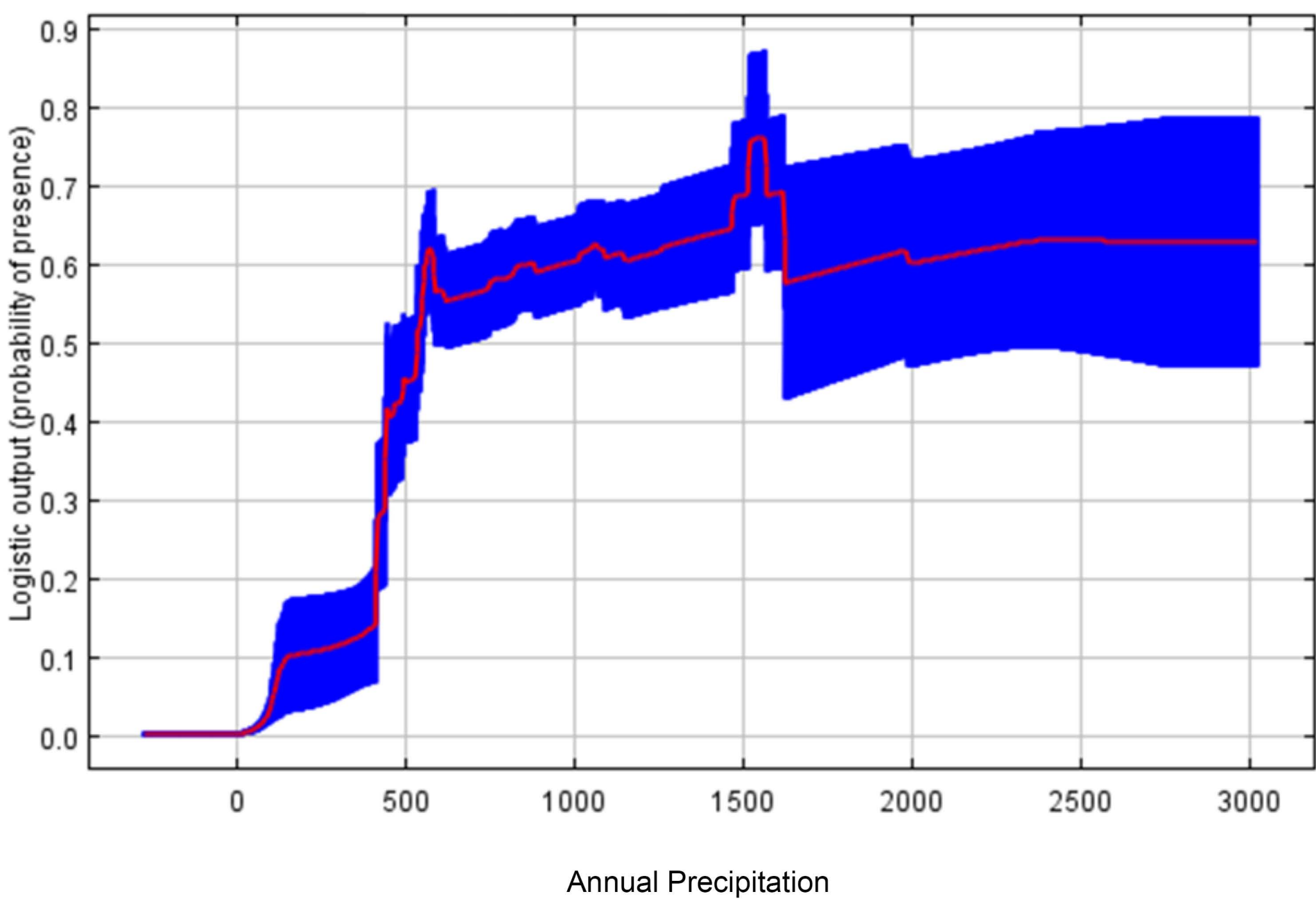
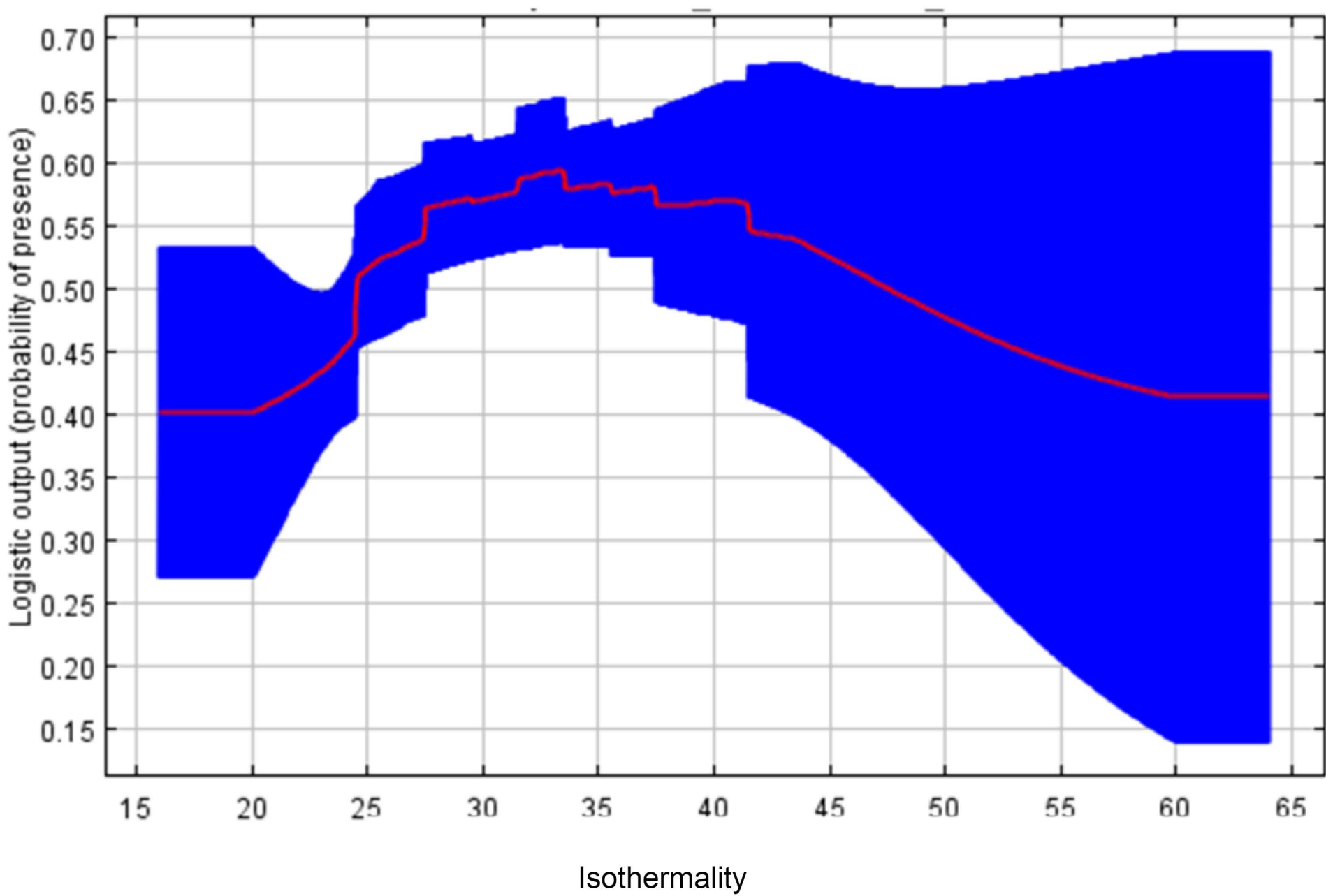
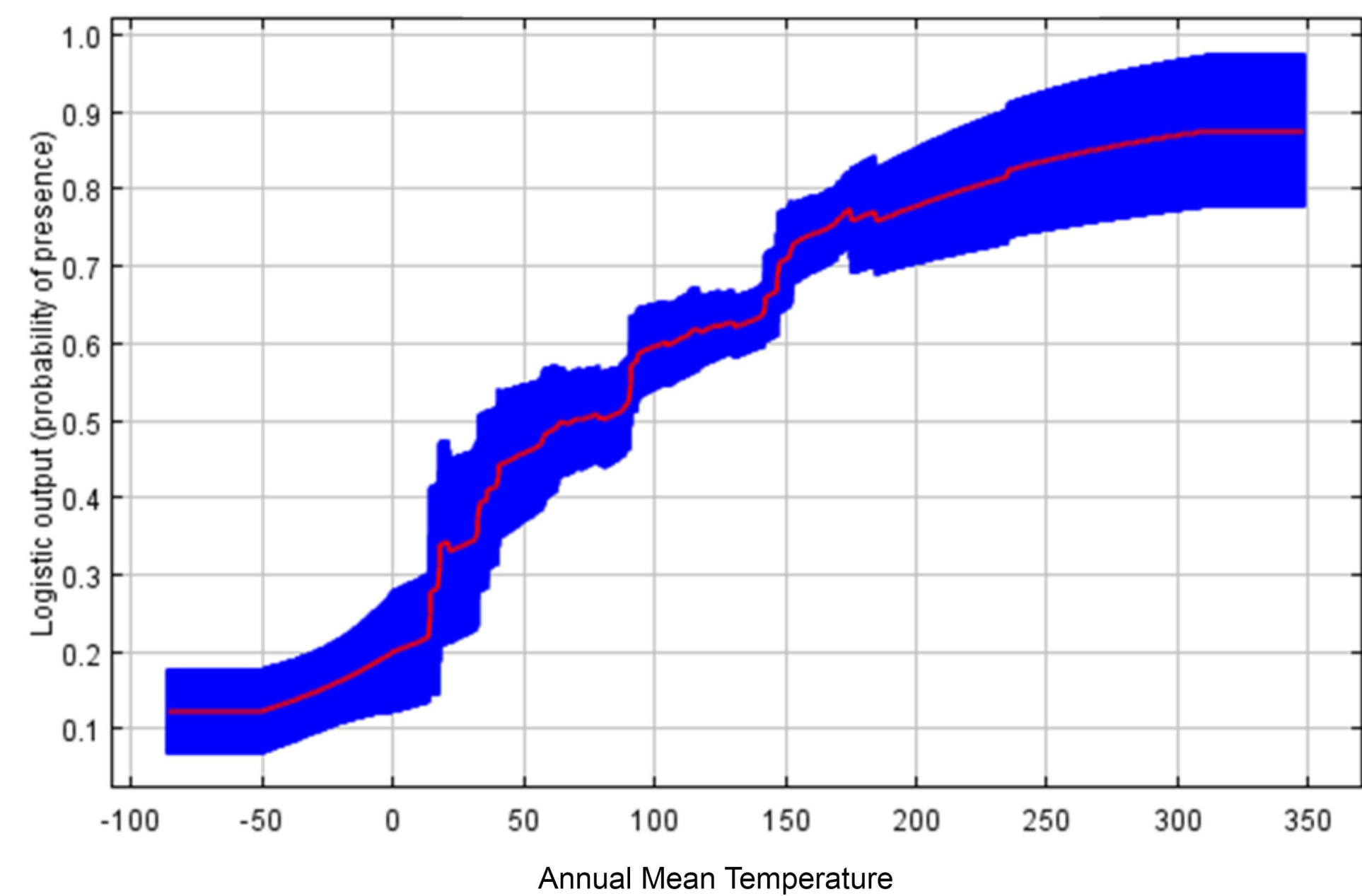
(b)



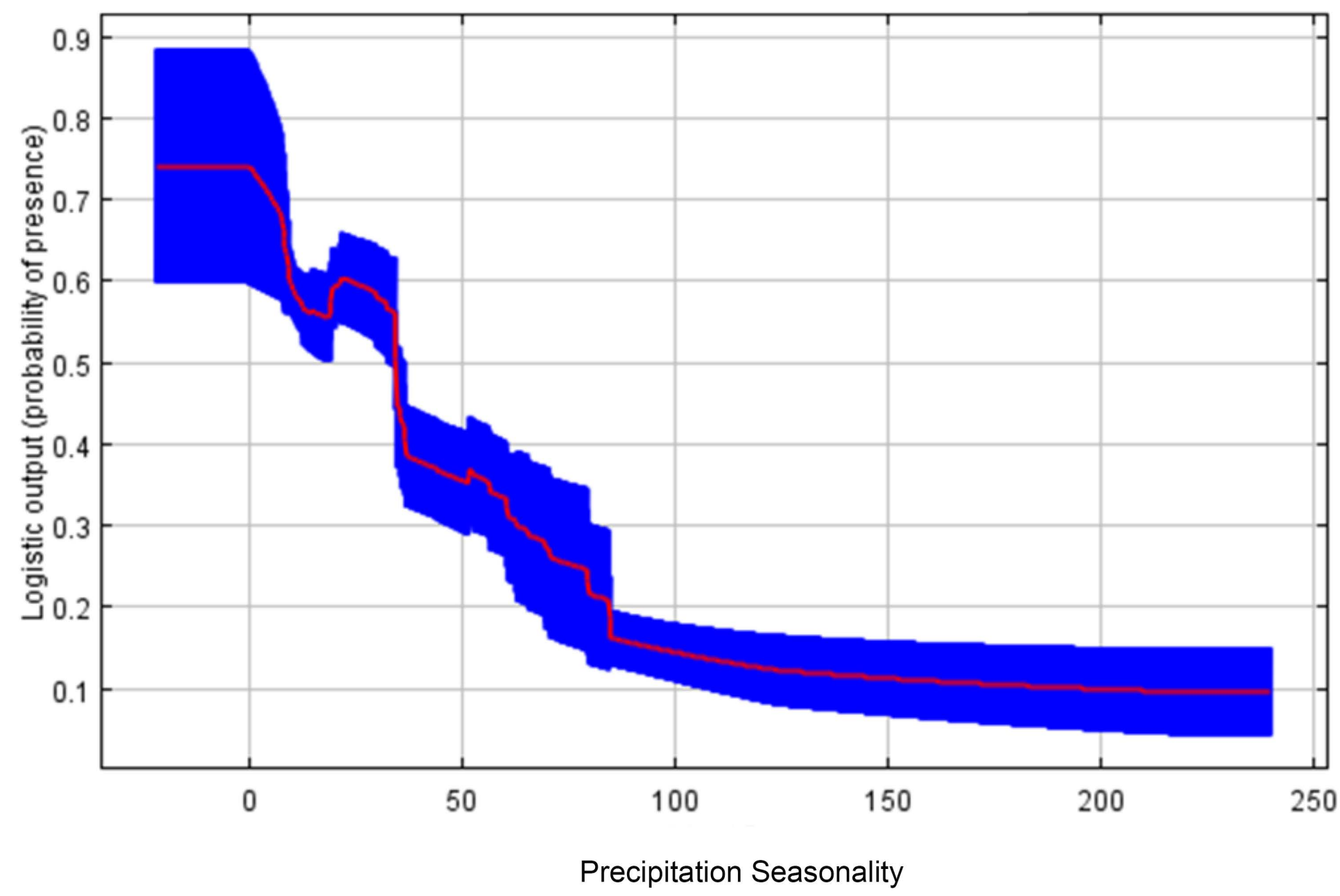
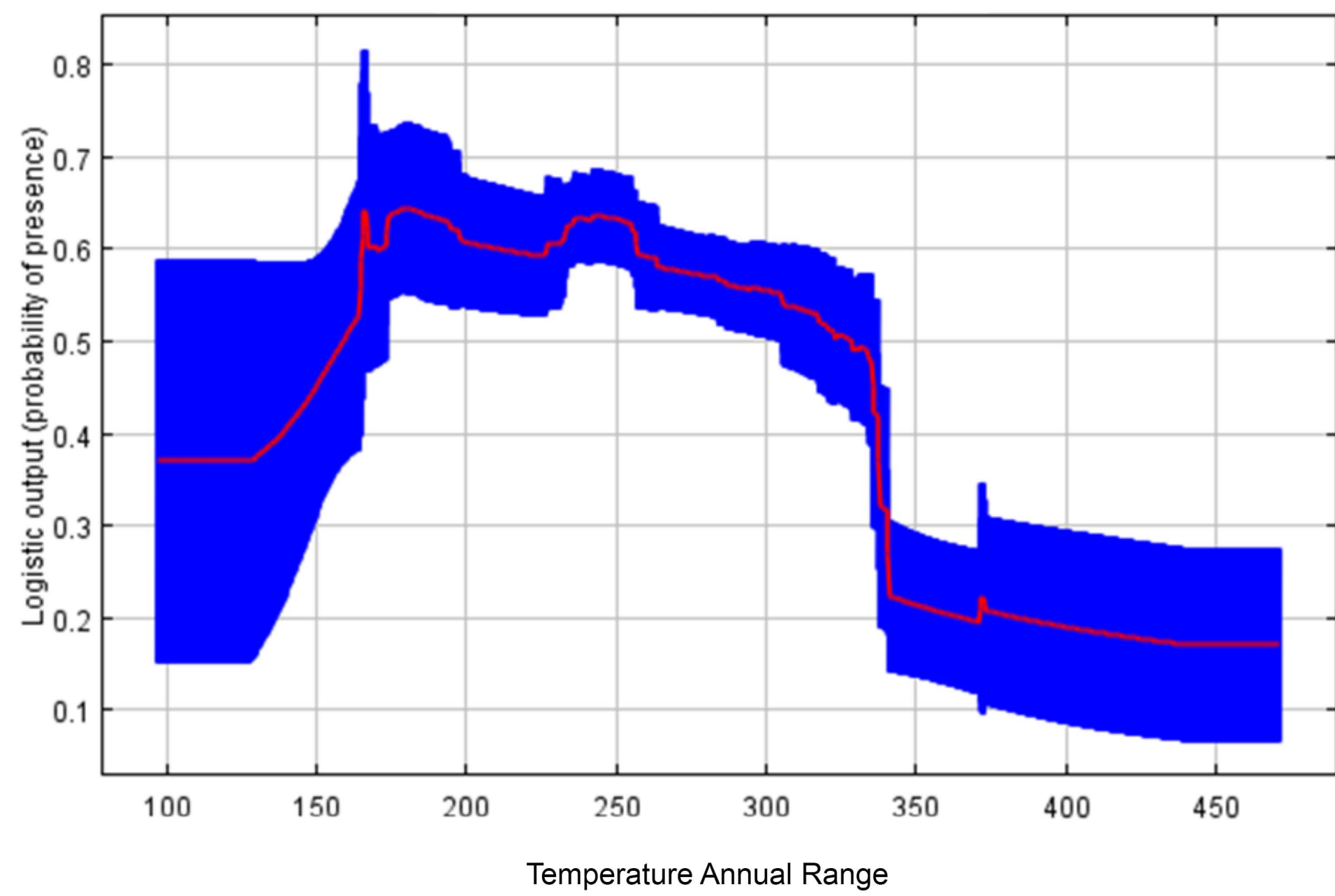
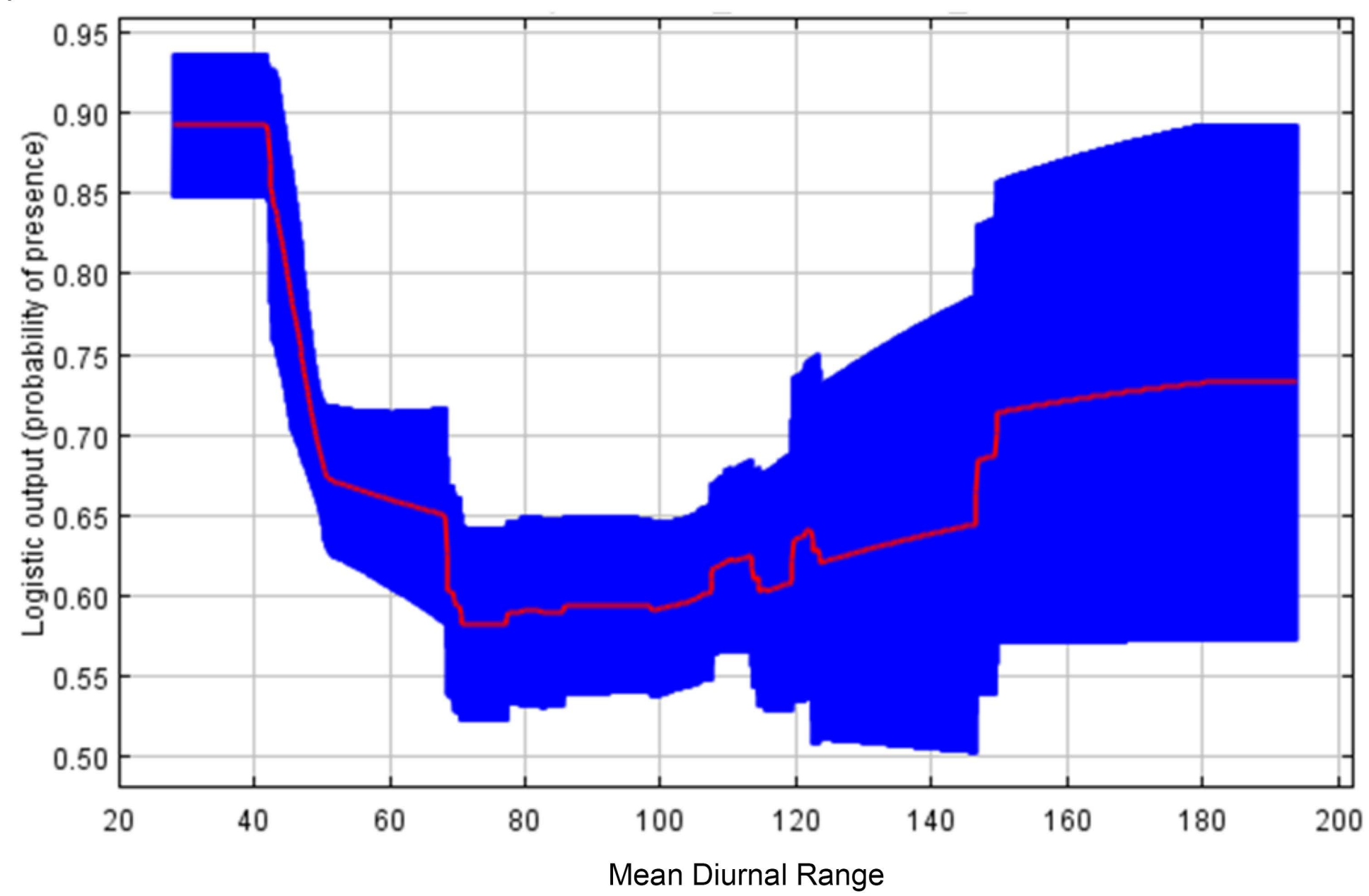


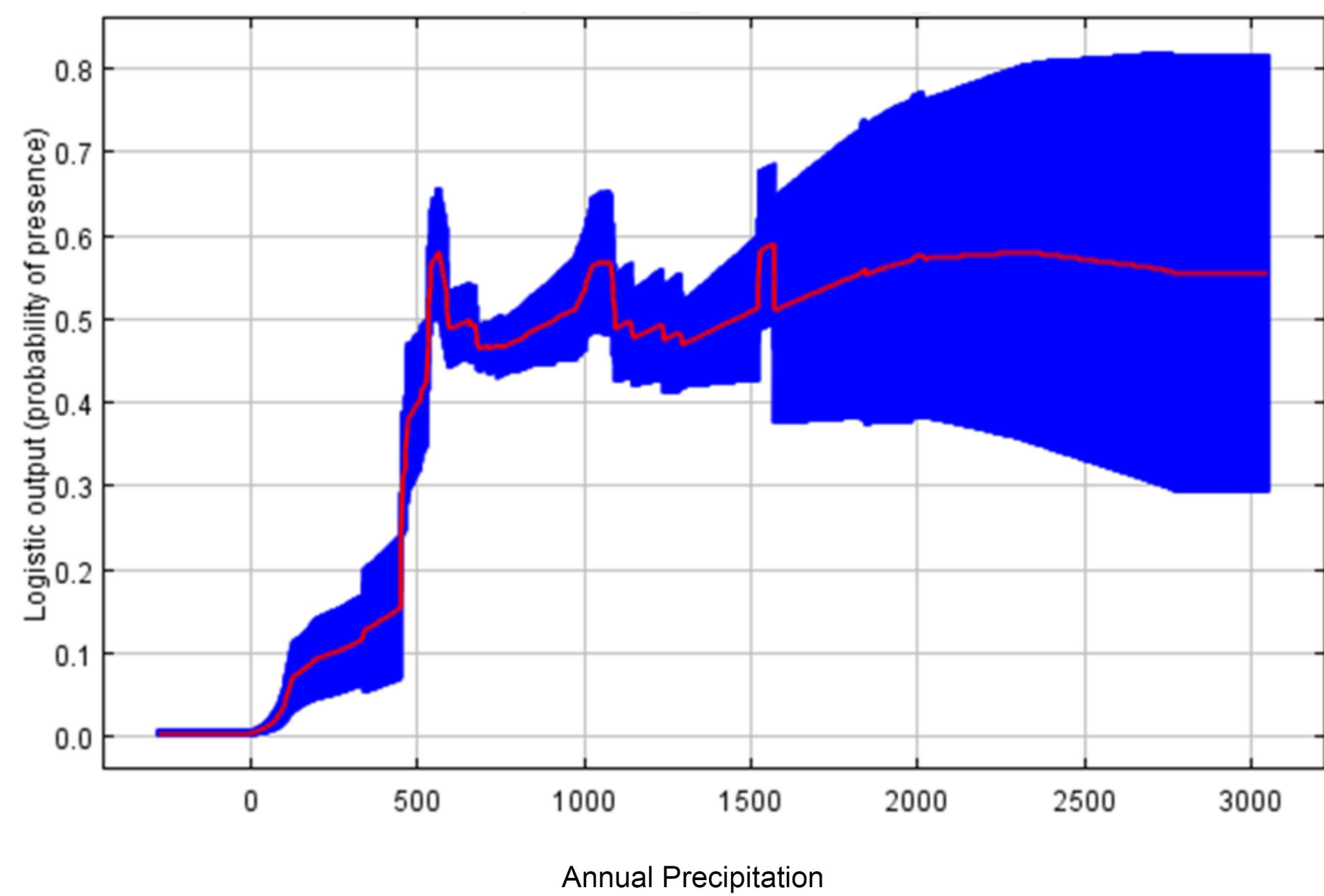
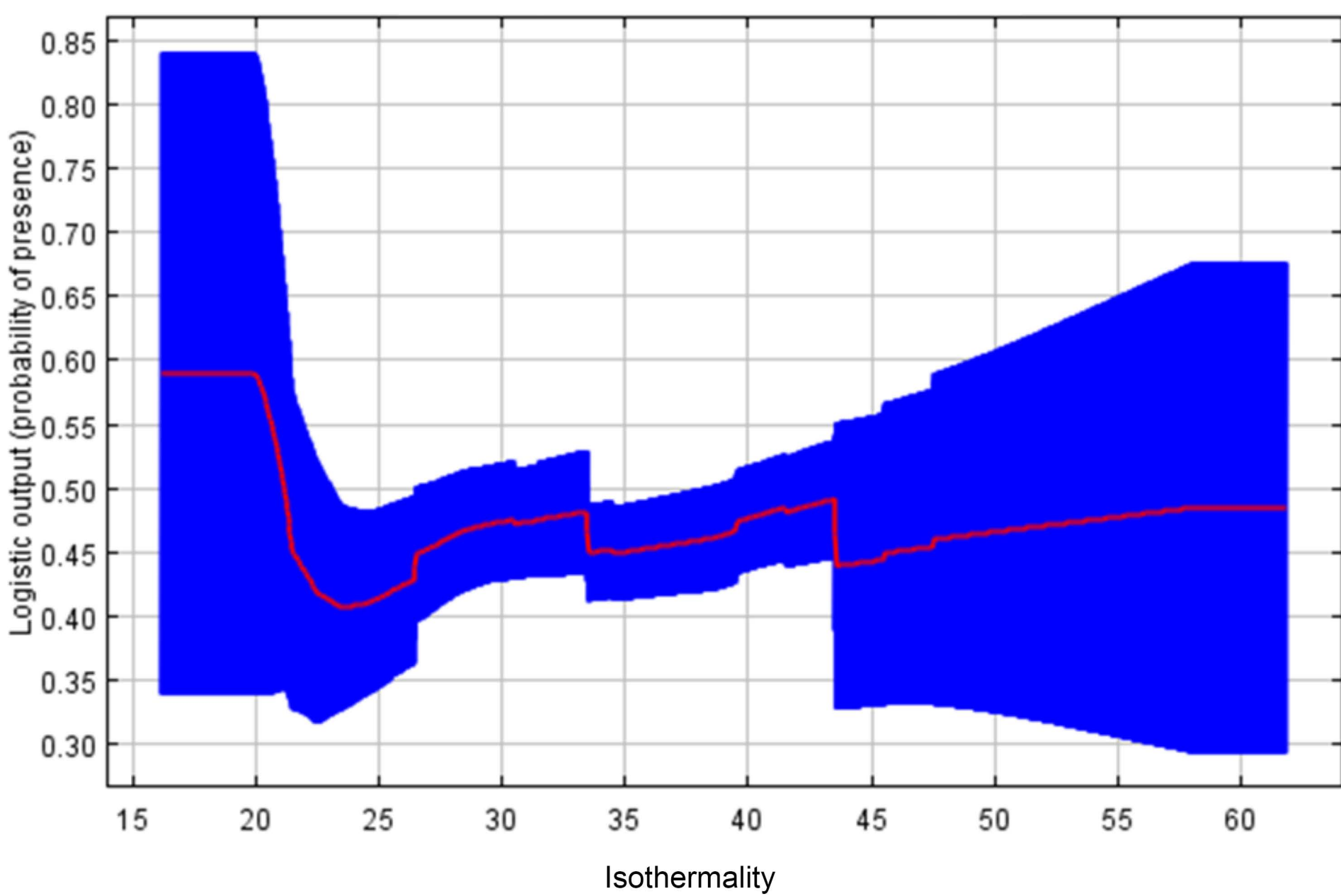
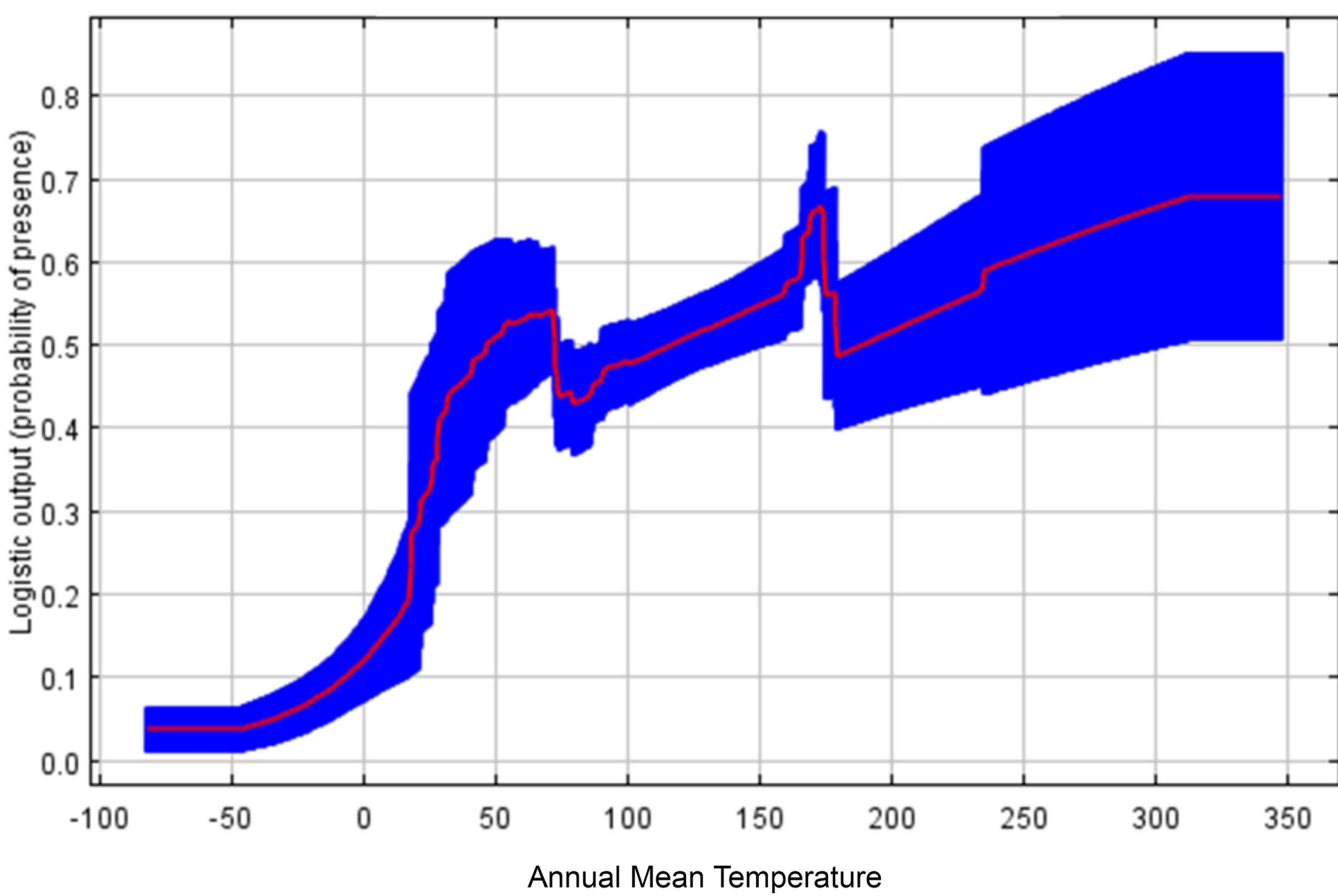
(c)





(d)





(e)

