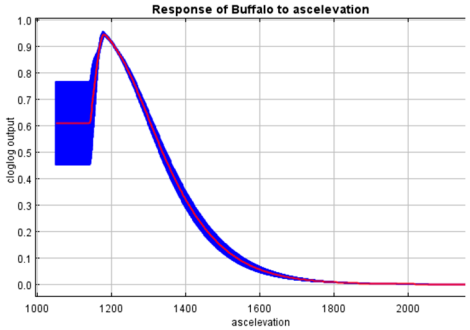
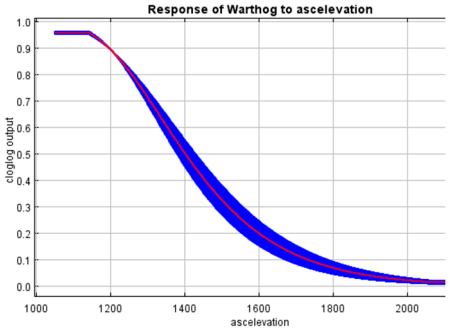
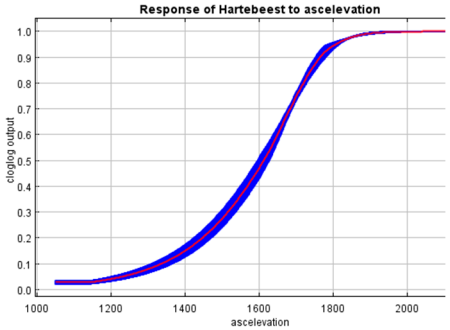
(**a**)


Response of Buffalo to ascelevation
cloglog output
ascelevation

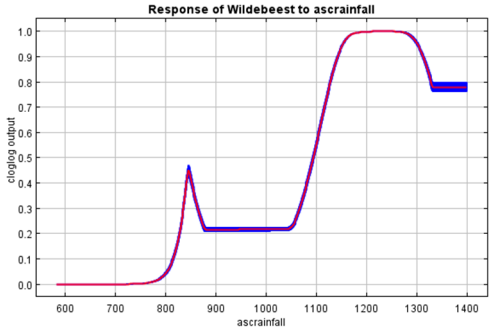
(**b**)


Response of Warthog to ascelevation
cloglog output
ascelevation

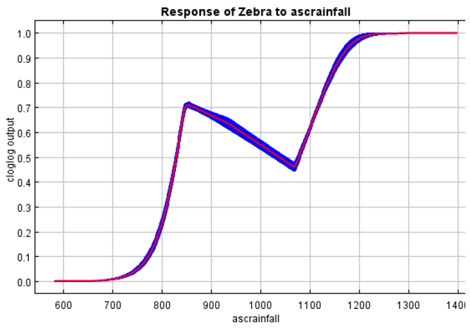
(**c**)


Response of Hartebeest to ascelevation
cloglog output
ascelevation

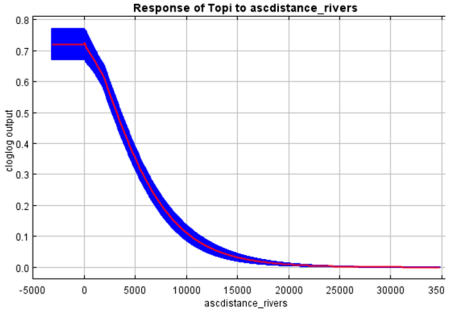
(**d**)


Response of Wildebeest to ascrainfall
cloglog output
ascrainfall

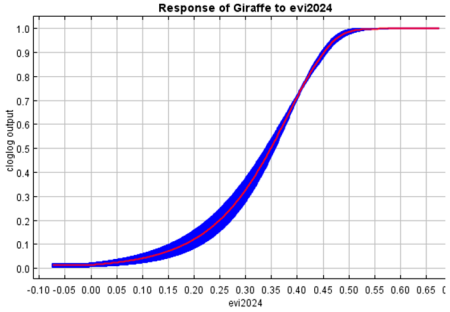
(**e**)


Response of Zebra to ascrainfall
cloglog output
ascrainfall

(**f**)

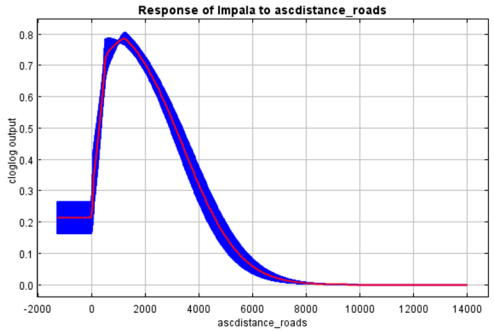

Response of Topi to ascdistance_rivers
cloglog output
ascdistance_rivers

(**g**)


Response of Giraffe to evi2024
cloglog output
evi2024

(**h**)


Response of Giraffe to ascdistance_buildings
cloglog output
ascdistance_buildings



(i)

Figure S1: Relationships between selected environmental and anthropogenic variables and probability of species-specific mortality in the Serengeti-Mara ecosystem for 2024. Red curves represent the average response, and blue margins indicate ± SD calculated from 10 replicate runs.