

Supplementary Table III Pearson correlation network of the environmental variables used for the development of Smallmouth Bass *Micropterus dolomieu* maxent model. Bio 3 = isothermality, Bio 8 = mean temperature of wettest quarter, Bio 10 = mean temperature of warmest quarter, Bio 15 = precipitation seasonality, Bio 18 = precipitation of warmest quarter and Bio 19 = precipitation of coldest quarter

Environmental variables	Agri_Land	Bio 10	Bio 15	Bio 18	Bio 19	Bio 3	Bio 8	Elevation	Flow_Acc	Pop_Dens	Slope	Topo_Index
Agri_Land	1.00	0.22	-0.09	0.05	-0.04	-0.32	0.21	-0.34	0.01	0.03	-0.30	0.00
Bio 10	0.22	1.00	0.15	0.22	-0.03	0.28	0.71	-0.60	0.04	0.08	-0.33	-0.05
Bio 15	-0.09	0.15	1.00	0.25	-0.57	0.57	0.37	0.33	0.00	0.01	0.11	0.00
Bio 18	0.05	0.22	0.25	1.00	-0.03	0.00	0.39	-0.07	-0.02	0.08	0.25	0.02
Bio 19	-0.04	-0.03	-0.57	-0.03	1.00	-0.22	-0.40	-0.29	-0.01	0.01	0.05	0.01
Bio 3	-0.32	0.28	0.57	0.00	-0.22	1.00	0.20	0.28	0.00	-0.05	0.09	0.00
Bio 8	0.21	0.71	0.37	0.39	-0.40	0.20	1.00	-0.39	0.03	0.06	-0.30	-0.03
Elevation	-0.34	-0.60	0.33	-0.07	-0.29	0.28	-0.39	1.00	-0.05	-0.05	0.53	0.05
Flow_Acc	0.01	0.04	0.00	-0.02	-0.01	0.00	0.03	-0.05	1.00	0.00	-0.05	-0.16
Pop_Dens	0.03	0.08	0.01	0.08	0.01	-0.05	0.06	-0.05	0.00	1.00	-0.02	0.00
Slope	-0.30	-0.33	0.11	0.25	0.05	0.09	-0.30	0.53	-0.05	-0.02	1.00	0.05
Topo_Index	0.00	-0.05	0.00	0.02	0.01	0.00	-0.03	0.05	-0.16	0.00	0.05	1.00