

Supplementary Table IV Pearson correlation network of the environmental variables used for the development of Spotted Bass *Micropterus punctulatus* maxent model. Bio 1 = annual mean temperature, Bio 4 = temperature seasonality, Bio 7 = temperature annual range, Bio 9 = mean temperature of driest quarter, Bio 14 = precipitation of driest month Bio 18 = precipitation of warmest quarter and Bio 19 = precipitation of coldest quarter

Environmental variable	Agri_Land	Bio 1	Bio 14	Bio 18	Bio 19	Bio 4	Bio 7	Bio 9	Elevation	Flow_Acc	Pop_Dens	Slope	Topo_Index
Agri_Land	1.00	-0.03	0.05	0.26	-0.05	0.36	0.27	-0.25	-0.36	0.01	-0.01	-0.31	0.00
Bio 1	-0.03	1.00	-0.10	0.09	-0.07	-0.69	-0.67	0.68	-0.29	0.03	0.02	-0.30	-0.03
Bio 14	0.05	-0.10	1.00	0.60	0.74	0.21	-0.03	0.05	-0.46	-0.01	0.02	0.01	0.01
Bio 18	0.26	0.09	0.60	1.00	0.30	0.13	-0.09	-0.18	-0.49	-0.02	0.02	-0.19	0.02
Bio 19	-0.05	-0.07	0.74	0.30	1.00	0.01	-0.20	0.29	-0.33	-0.02	0.02	0.20	0.01
Bio 4	0.36	-0.69	0.21	0.13	0.01	1.00	0.93	-0.73	-0.26	0.01	-0.01	-0.17	-0.01
Bio 7	0.27	-0.67	-0.03	-0.09	-0.20	0.93	1.00	-0.70	-0.02	0.02	-0.03	-0.15	-0.02
Bio 9	-0.25	0.68	0.05	-0.18	0.29	-0.73	-0.70	1.00	0.00	0.01	0.01	0.10	-0.01
Elevation	-0.36	-0.29	-0.46	-0.49	-0.33	-0.26	-0.02	0.00	1.00	-0.05	-0.03	0.48	0.05
Flow_Acc	0.01	0.03	-0.01	-0.02	-0.02	0.01	0.02	0.01	-0.05	1.00	0.00	-0.05	-0.15
Pop_Dens	-0.01	0.02	0.02	0.02	0.02	-0.01	-0.03	0.01	-0.03	0.00	1.00	-0.02	0.00
Slope	-0.31	-0.30	0.01	-0.19	0.20	-0.17	-0.15	0.10	0.48	-0.05	-0.02	1.00	0.06
Topo_Index	0.00	-0.03	0.01	0.02	0.01	-0.01	-0.02	-0.01	0.05	-0.15	0.00	0.06	1.00

