

**Supplementary Table II** Pearson correlation network of the environmental variables used for the development of Largemouth Bass *Micropterus salmoides* maxent model. Bio 3 = isothermality, Bio 8 = mean temperature of wettest quarter, Bio 12 = annual precipitation, Bio 14 = precipitation of driest month, Bio 15 = precipitation seasonality, Bio 18 = precipitation of warmest quarter and Bio 19 = precipitation of coldest quarter

Environmental variables	Agri_Land	Bio 12	Bio 14	Bio 15	Bio 18	Bio 19	Bio 3	Bio 8	Elevation	Flow_Acc	Pop_Dens	Slope	Topo_Index
Agri_Land	1.00	0.02	0.12	-0.22	0.02	0.03	-0.34	0.09	-0.35	0.01	0.04	-0.26	0
Bio 12	0.02	1.00	0.49	-0.12	0.76	0.56	0.09	0.13	-0.26	-0.02	0.05	0.21	0.01
Bio 14	0.12	0.49	1.00	-0.78	0.19	0.74	-0.38	-0.26	-0.36	-0.01	0.04	0.04	0.01
Bio 15	-0.22	-0.12	-0.78	1.00	0.14	-0.56	0.57	0.42	0.36	0.01	-0.03	0.04	0
Bio 18	0.02	0.76	0.19	0.14	1.00	0.09	0.04	0.3	-0.07	-0.02	0.05	0.27	0.01
Bio 19	0.03	0.56	0.74	-0.56	0.09	1.00	-0.11	-0.35	-0.27	-0.01	0.03	0.12	0.01
Bio 3	-0.34	0.09	-0.38	0.57	0.04	-0.11	1.00	0.32	0.23	0	-0.05	0.05	0
Bio 8	0.09	0.13	-0.26	0.42	0.3	-0.35	0.32	1.00	-0.35	0.04	0.03	-0.3	-0.04
Elevation	-0.35	-0.26	-0.36	0.36	-0.07	-0.27	0.23	-0.35	1.00	-0.05	-0.05	0.47	0.05
Flow_Acc	0.01	-0.02	-0.01	0.01	-0.02	-0.01	0	0.04	-0.05	1.00	0.01	-0.05	-0.15
Pop_Dens	0.04	0.05	0.04	-0.03	0.05	0.03	-0.05	0.03	-0.05	0.01	1.00	-0.02	0
Slope	-0.26	0.21	0.04	0.04	0.27	0.12	0.05	-0.3	0.47	-0.05	-0.02	1.00	0.05
Topo_Index	0	0.01	0.01	0	0.01	0.01	0	-0.04	0.05	-0.15	0	0.05	1.00