correlation between the average diveristy metrics by lake effN PD FuncDiv 25 20 0.93 -0.130.96 0.09 15 effN 0.93 -0.0110 -0.94 -0.475 10.0 -0.017.5 -0.075.0 -0.06-0.382.5 15 FuncDiv 10 -5 15 20 25 10 5 1 15 2.5 5.0 10.0 5 7.5 10 Lake 1 Lake 2 Lake 3 Lake 4