Feature importance (normalized) -- species richness vs. EPAWaters ACC data features 0.38 0.38 0.58 0.29 0.4 0.56 0.33 0.63 0.51 0.39 1 0.91 F-test 0.63 0.78 0.54 0.38 1 0.75 0.6 0.92 0.34 0.79 0.95 0.86 МΙ 0.7 0.63 0.79 0.57 1 0.43 0.31 0.36 0.19 0.35 0.31 0.57 RF0.48 0.35 0.68 0.33 0.35 0.75 0.74 SHAPley -0.83 0.51 1 0.46 0.21 0.5 0.61 0.6 0.54 0.72 0.52 0.78 0.76 0.67 1 0.75 0.92 Pearson 0.14 0.9 Spearsman 0.75 0.86 0.54 0.74 0.63 0.82 0.83 0.7 1 0.97 0.71 0.4 0.81 0.53 0.54 0.61 0.37 0.71 0.59 0.53 0.89 0.83 Avg-value wear impervious less of anthropogenic surfaces within catchnean. Pethno Open water land cover (in a catchment). Potow Developed catchment area lland use? Poturbook woody wetard and cover. Pethydriet 30 year mean normal temperature. Thean 30 year mat normal temperature. Troat Mean annual stream temperature. MAST Mean summer stream temperature. Mest