very long_Mod with lake+species_rand+POM_NC_ratio w_0.23_randSlope Global Bulk BMI littoral Perch large Pike 4 median (95% CI) = - median (95% CI) = - median (95% CI) = - median (95% CI) = 0.906 (0.581 - 1.263) 0.234 (0.013 - 0.496) 1.438 (1.095 - 1.853) 1.138 (0.707 - 1.614) 3 2 3 0 3 Bulk ZPL Asellus_littoral Perch small Smelt - median (95% CI) = median (95% CI) = median (95% CI) = - median (95% CI) = 0.184 (-0,063 - 0.444) 0.607 (0.265 - 1.026) 1.516 (0.935 - 2.268) 1.068 (0.056 - 2.138) 3 2 3 0 Chaoborus **Bleak** Chironomid_littoral Vendace Scaled density median (95% CI) = - median (95% CI) = → median (95% CI) = median (95% CI) = 1.264 (0.245 - 2.080) 1.065 (0.721 - 1.487) 1.176 (0.452 - 2.016) 1.023 (0.639 - 1.479) 3 0 Perch medium Cladocera Bulk BMI profundal Roach small median (95% CI) = - median (95% CI) = median (95% CI) = → median (95% CI) = 0.284 (-0,001 - 0.619) 0.478 (0.227 - 0.762) 1.223 (0.861 - 1.616) 1.116 (0.376 - 1.958) 2 0 Copepods Chironomid Profundal Ruffe Roach_large median (95% CI) = median (95% CI) = - median (95% CI) = median (95% CI) = 0.563 (-0,397 - 1.573) 0.997 (0.617 - 1.455) 0.631 (0.371 - 0.947) 1.215 (0.767 - 1.768)

Linear coefficient with PC1 in ILR space