long_Mod with lake+species_rand+PC1 w_0.23_randSlope Bulk BMI littoral Perch large Global Pike - median (95% CI) = I median (95% CI) = - median (95% CI) = - median (95% CI) = 1.341 (0.979 - 1.749) 0.897 (0.545 - 1.274) 0.181 (-0.401) 1.121 (0.648 - 1.652) 3 3 3 0 Bulk_ZPL Asellus_littoral Perch_small Smelt - median (95% CI) = median (95% CI) = median (95% CI) = median (95% CI) = 1.028 (0.012 - 2.111) 0.611 (0.324 - 0.949) 0.057 (-0.156 - 0.282)1.404 (0.945 - 1.970) 3 2 3 3 Chaoborus **Bleak** Chironomid_littoral Vendace Scaled density - median (95% CI) = median (95% CI) = - median (95% CI) = median (95% CI) = 1.376 (0.315 - 2.224) 0.750 (0.471 - 1.111) 1.877 (1.112 - 2.803) 1.220 (0.810 - 1.705) Roach small Cladocera Bulk BMI profundal Perch medium median (95% CI) = - median (95% CI) = median (95% CI) = → median (95% CI) = 0.337 (0.053 - 0.690) 0.438 (0.168 - 0.808) 1.239 (0.893 - 1.611) 1.236 (0.460 - 2.208) 3 0 3 Copepods Chironomid Profundal Ruffe Roach_large median (95% CI) = median (95% CI) = median (95% CI) = median (95% CI) = 0.385 (-0.377 - 1.323) 0.711 (0.389 - 1.151) 0.570 (0.310 - 0.909) 1.100 (0.734 - 1.524) Linear coefficient with PC1 in ILR space