True vs inferred regression coefficients: v abiotic abiotic abiotic Trophic level Trophic level Trophic level 3 1.00 1.00 0.6 0.75 0.75 0.4 0.50 0.50 0.2 0.25 0.25 0.00 0.0 0.2 0.4 0.6 0.8 0.250.500.75 0.10.20.30.40.5 Inferred biotic biotic Trophic level : Trophic level 2 0.50 -0.2 0.25 0.0 0.00 -0.25 -0.2 **-**-0.502.5 5.0 7.5 Truth proxy