True vs inferred regression coefficients: abiotic abiotic abiotic Trophic level ' Trophic level 2 Trophic level 3 0.6 1.00 1.00 0.75 0.75 0.4 0.50 0.50 0.2 0.25 0.25 0.0 0.00 0.250.500.75 0.2 0.4 0.6 0.8 0.10.20.30.40.5 Inferred biotic biotic Trophic level 3 Trophic level 2 3 2 2 0 -0 -2.5 5.0 7.5 Truth proxy