True vs inferred regression coefficients: abiotic abiotic abiotic Trophic level Trophic level 2 Trophic level 3 1.00 0.8 0.6 0.75 -0.7 0.4 0.6 0.50 0.5 0.2 0.25 -0.4 0.00 0.0 0.250.500.75 0.2 0.4 0.6 0.8 0.10.20.30.40.5 Inferred biotic biotic Trophic level 2 Trophic level 3 8 3 6 2 4 . 2 0 2.5 5.0 7.5 Truth proxy