True vs inferred regression coefficients: r abiotic abiotic abiotic Trophic level ' Trophic level 2 Trophic level 3 1.00 1.0 0.6 0.75 -8.0 0.4 0.50 0.6 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 4 2 2 0 0 -2 2.5 5.0 7.5 Truth proxy