True vs inferred regression coefficients: glvGR abiotic abiotic abiotic Trophic level 1 Trophic level 2 Trophic level 3 1.00 0.8 0.6 0.7 0.75 0.4 0.6 0.50 0.5 0.2 0.25 0.4 0.00 0.0 0.6 8.0 0.50 0.75 0.2 0.4 0.25 0.1 0.2 0.4 0.5 0.3 Inferred biotic biotic Trophic level 2 Trophic level 3 8 -3 6 2 4 2 0 0 5.0 7.5 2.5 3 0 2 5 Truth proxy