Expected vs. Observed Relative Abundance for S1 in Experiment bmock12 (Genus) Source Expected woltka jams wgsa2 biobakery3 biobakery4 3.69e-01 2.06e-01 1.80e-01 1.11e-01 7.0<mark>7e-02</mark> 3.15e-02 1.9<mark>2e</mark>-02 1.1<mark>6e</mark>-02 MARINOBACTER HALOMONAS PSYCHROBACTER NICROMONO SPORA THIOCIANA COMAESIBACIER MURICAUDA

10⁰

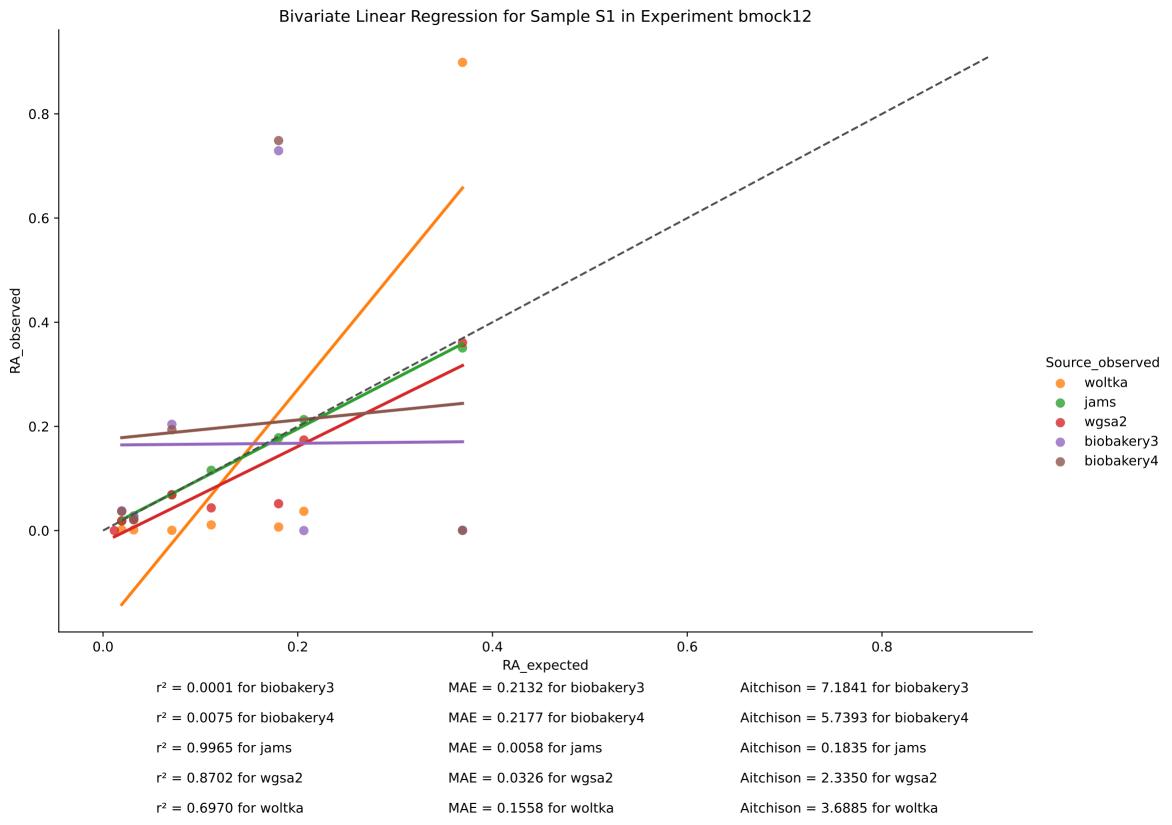
 10^{-1}

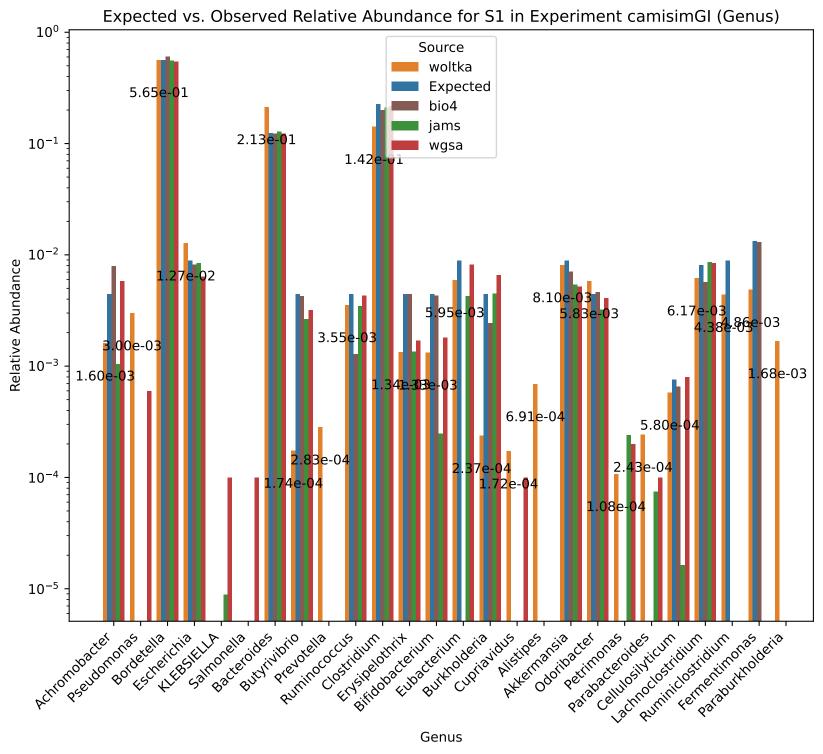
 10^{-2}

 10^{-3}

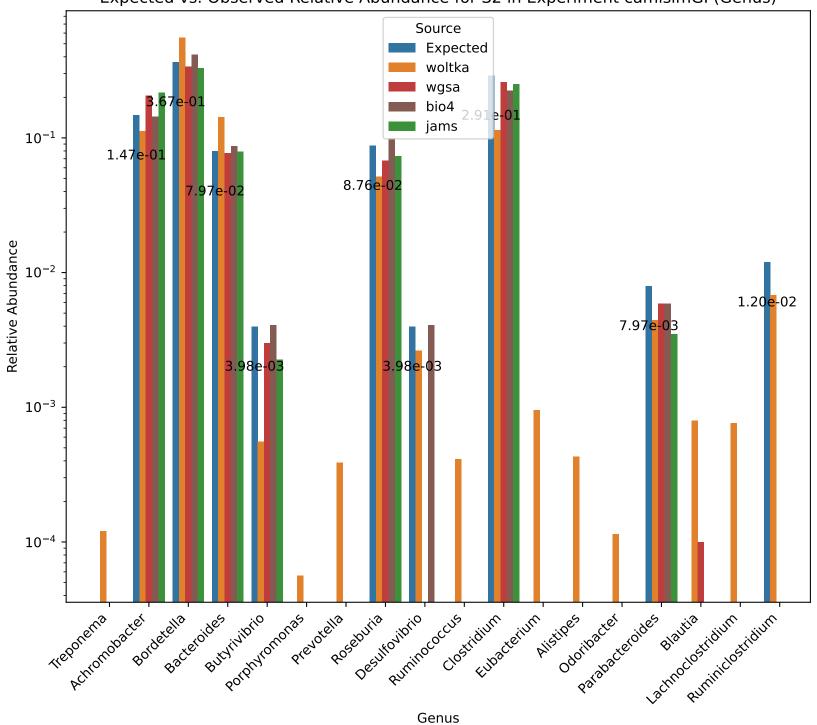
Relative Abundance

Expected vs. Observed Relative Abundance for S1 in Experiment bmock12 (Species) 10^{0} Source Expected jams wgsa2 biobakery3 biobakery4 woltka 10^{-1} 1.95e-01 1.80e-01₁.57e-01 1.74e-01 1.11e-01 7.07e-02 4.88e-02 Relative Abundance 3.15e-02 10⁻² .16e-02 1.04e-02 8.77e-03 10⁻³ 10^{-4} PROPIONIBACTERIACE AE BACTERIUM ESOAT MCROMONOSPORA ECHMAURANIACA MCROMONOSPORA ECHNOPUSCA INCRONONOS PORA COXENSIS MARING BACTER SP. JATOMASTO'T PSYCHROBACTER SR. JY10R520.6 WARING BACTER SP. JVI DRS 10-8 COHAESBACTER SP. ES. DAT MURICAUDA SR. ESOSO HALOMONAS SR. HIL. 93 HALOMONAS SP. HLA

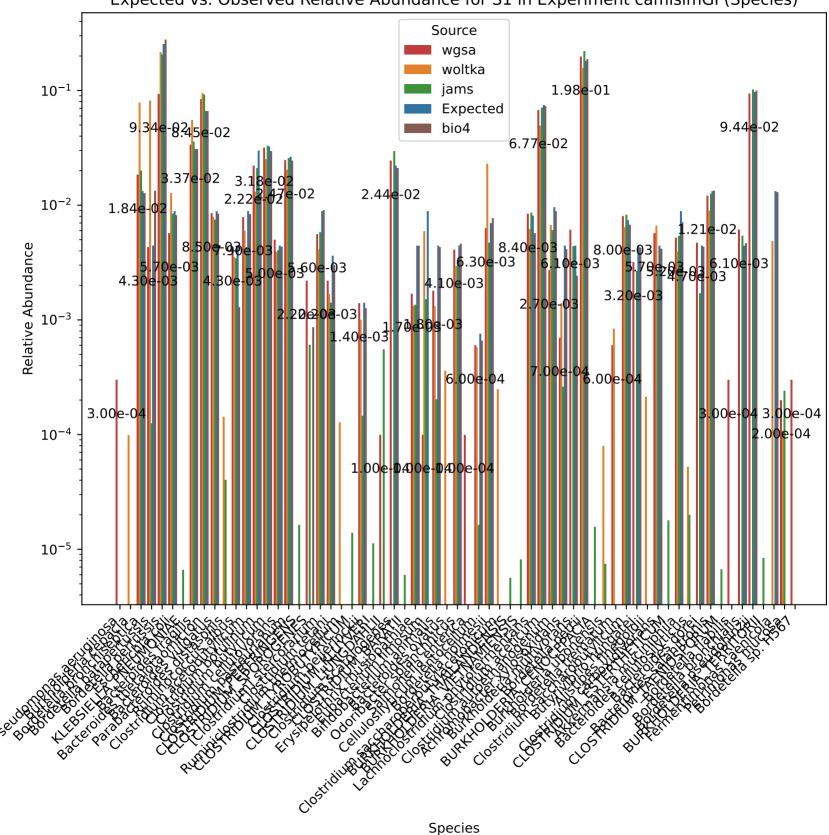




Expected vs. Observed Relative Abundance for S2 in Experiment camisimGI (Genus)

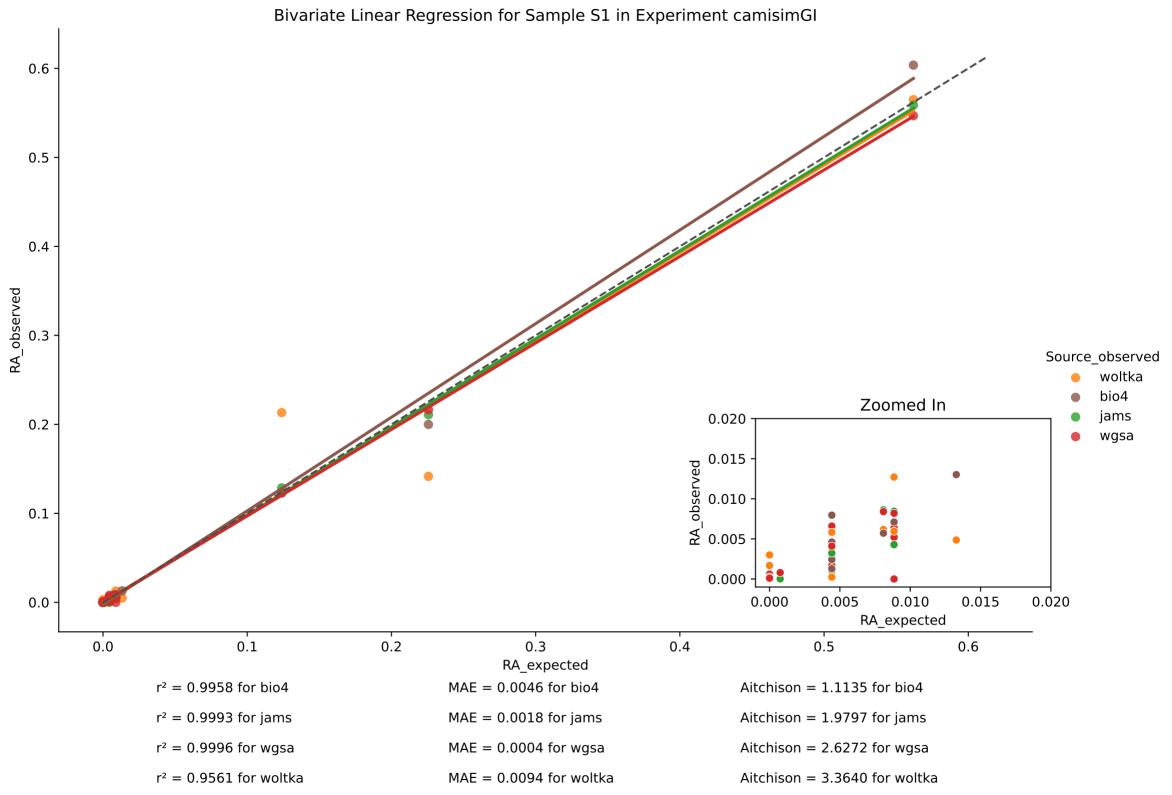


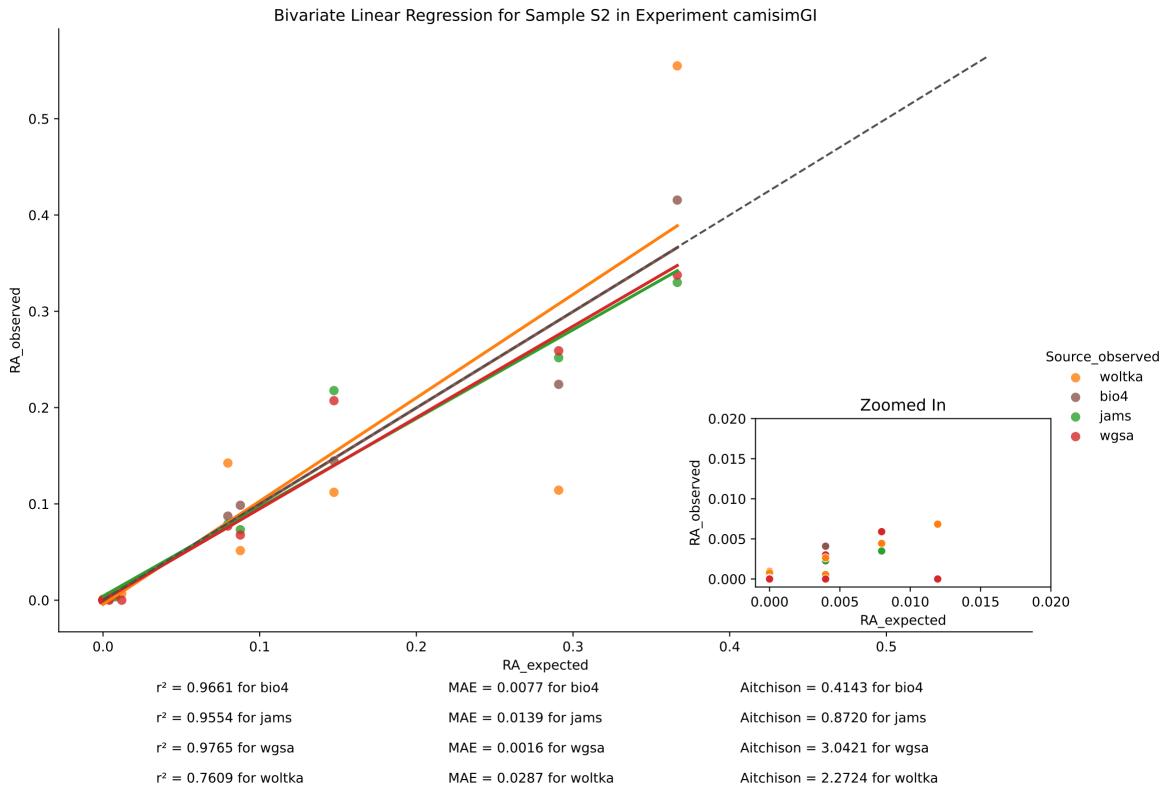
Expected vs. Observed Relative Abundance for S1 in Experiment camisimGI (Species)

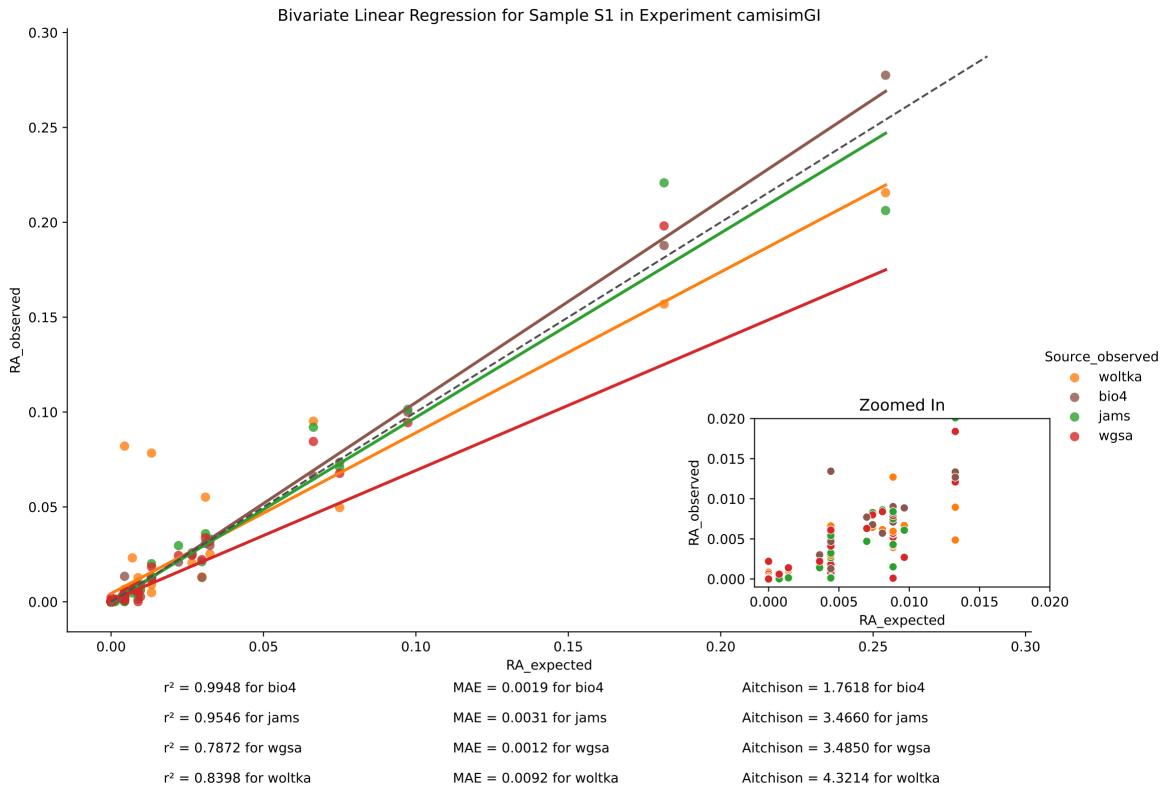


Expected vs. Observed Relative Abundance for S2 in Experiment camisimGI (Species) Source Expected wgsa bio4 10^{-1} jams woltka 8.76**e-**02 8.51 - 02 3.59 - 02 10-2 Relative Abundance 2.46e-03 10⁻³ 10^{-4} 10^{-5}

Species







Bivariate Linear Regression for Sample S2 in Experiment camisimGI 0.4 0.3 RA_observed co co Source observed woltka bio4 Zoomed In jams 0.020 wgsa 0.015 0.010 0.005 0.1 0.000 0.005 0.015 0.010 0.0 0.000 0.020 RA_expected 0.2 0.0 0.1 0.3 0.4 RA expected $r^2 = 0.9647$ for bio4 MAE = 0.0034 for bio4 Aitchison = 0.8832 for bio4 $r^2 = 0.9489$ for jams MAE = 0.0069 for jams Aitchison = 1.6495 for jams $r^2 = 0.7407$ for wgsa MAE = 0.0022 for wgsa Aitchison = 3.8229 for wgsa $r^2 = 0.7521$ for woltka MAE = 0.0169 for woltka Aitchison = 7.6384 for woltka