Expected vs. Observed Relative Abundance for species using bio4 in Experiment tourlousse

SampleID
expected
SRR17380246
SRR17380241
SRR17380244
SRR17380242
SRR17380243
SRR17380245

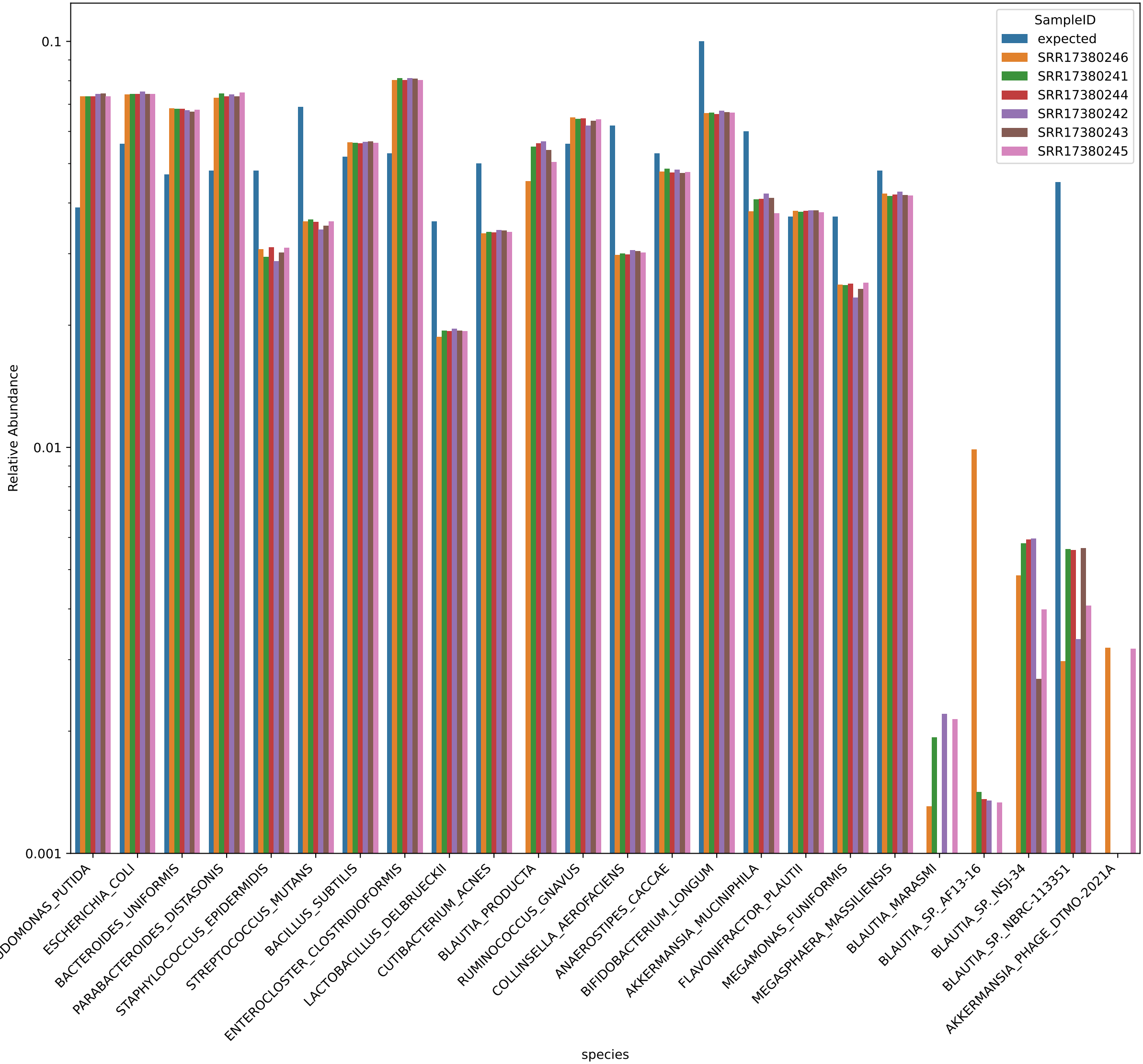
Relative Abundance

0.1
0.01
0.001

PSEUDOMONAS_PUTIDA
ESCHERICHIA_COLI
BACTEROIDES_UNIFORMIS
PARABACTEROIDES_DISTASONIS
STAPHYLOCOCCUS_EPIDERMIDIS
STREPTOCOCCUS_MUTANS
BACILLUS_SUBTILIS
ENTEROCLOSTER_CLOSTRIDIOFORMIS
LACTOBACILLUS_DELBRUECKII
CUTIBACTERIUM_ACNES
BLAUTIA_PRODUCTA
RUMINOCOCCUS_GNAVUS
COLLINSELLA_AEROFACIENS
ANAEROSTIPES_CACCAE
PSEUDOMONAS_PUTIDA_GROUP
MEGAMONAS_HYPERMEGALE
BACILLUS_MURIMARTINI
BIFIDOBACTERIUM_LONGUM
AKKERMANSIA_MUCINIPHILA
FLAVONIFRACTOR_PLAUTII
MEGAMONAS_FUNIFORMIS
MEGASPHAERA_MASSILIENSIS
MEGASPHAERA_SP._DISK-18
BACILLUS_INTESTINALIS
BLAUTIA_SP._NBRC-113351

species

Expected vs. Observed Relative Abundance for species using jams in Experiment tourlousse



Expected vs. Observed Relative Abundance for species using wgsa in Experiment tourlousse

SampleID
expected
SRR17380246
SRR17380241
SRR17380244
SRR17380242
SRR17380243
SRR17380245

Relative Abundance

0.1
0.01
0.001

PSEUDOMONAS_PUTIDA
ESCHERICHIA_COLI
BACTEROIDES_UNIFORMIS
PARABACTEROIDES_DISTASONIS
Megasphaera elsdenii
STAPHYLOCOCCUS_EPIDERMIDIS
STREPTOCOCCUS_MUTANS
BACILLUS_SUBTILIS
Clostridioides difficile
ENTEROCLOSTER_CLOSTRIDIOFORMIS
LACTOBACILLUS_DELBRUECKII
CUTIBACTERIUM_ACNES
Blautia producta
RUMINOCOCCUS_GNAVUS
COLLINSELLA_AEROFACIENS
ANAEROSTIPES_CACCAE
Enterocloster bolteae
BIFIDOBACTERIUM_LONGUM
AKKERMANSIA_MUCINIPHILA
FLAVONIFRACTOR_PLAUTII
MEGAMONAS_FUNIFORMIS
MEGASPHAERA_MASSILIENSIS
Blautia sp. YL58
Lachnoclostridium sp. YL32
Blautia argi
Megasphaera stantonii
BLAUTIA_SP._NBRC-113351

species

Expected vs. Observed Relative Abundance for species using woltka in Experiment tourlousse

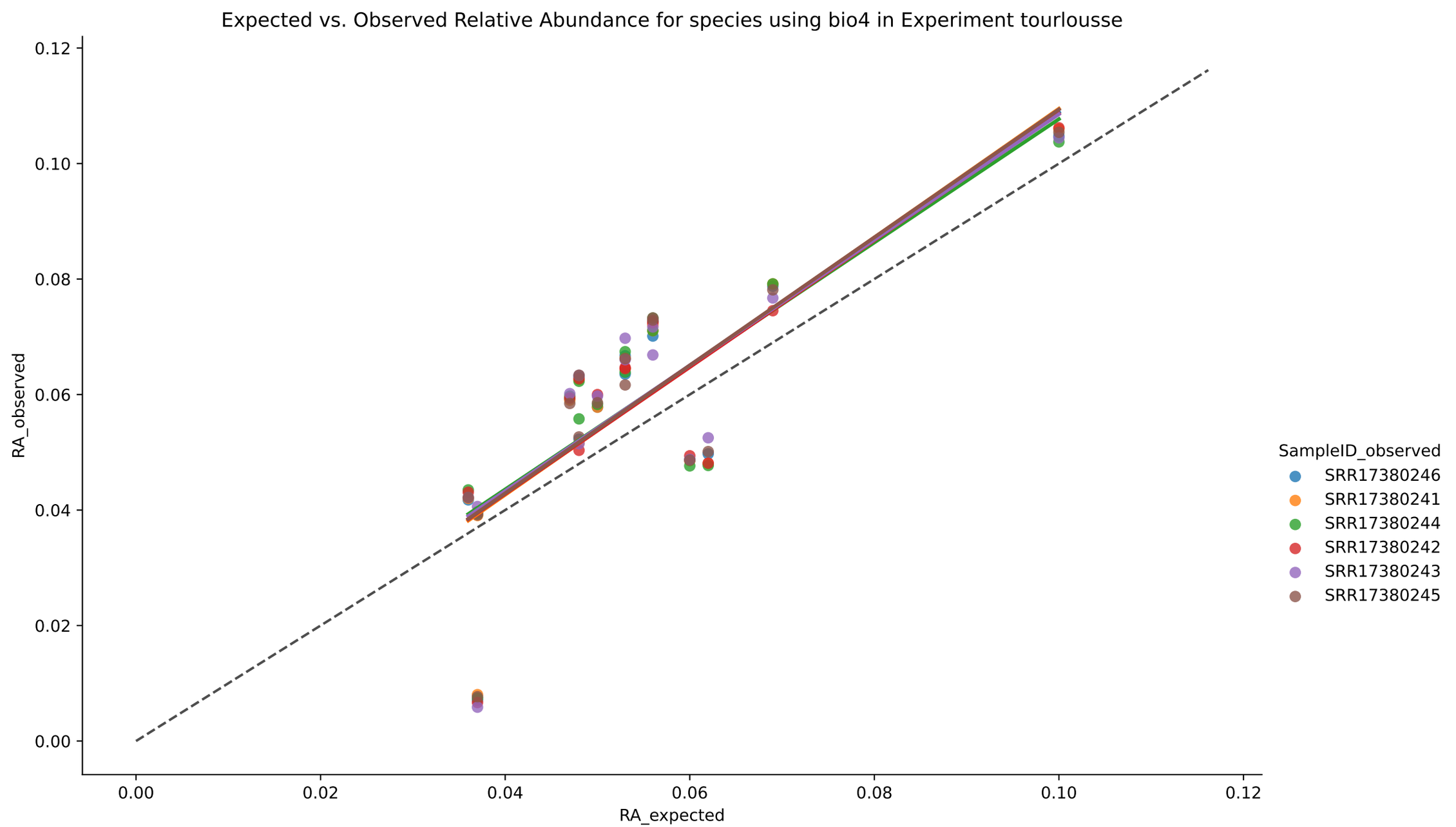
SampleID
expected
SRR17380246
SRR17380241
SRR17380244
SRR17380242
SRR17380243
SRR17380245

Relative Abundance

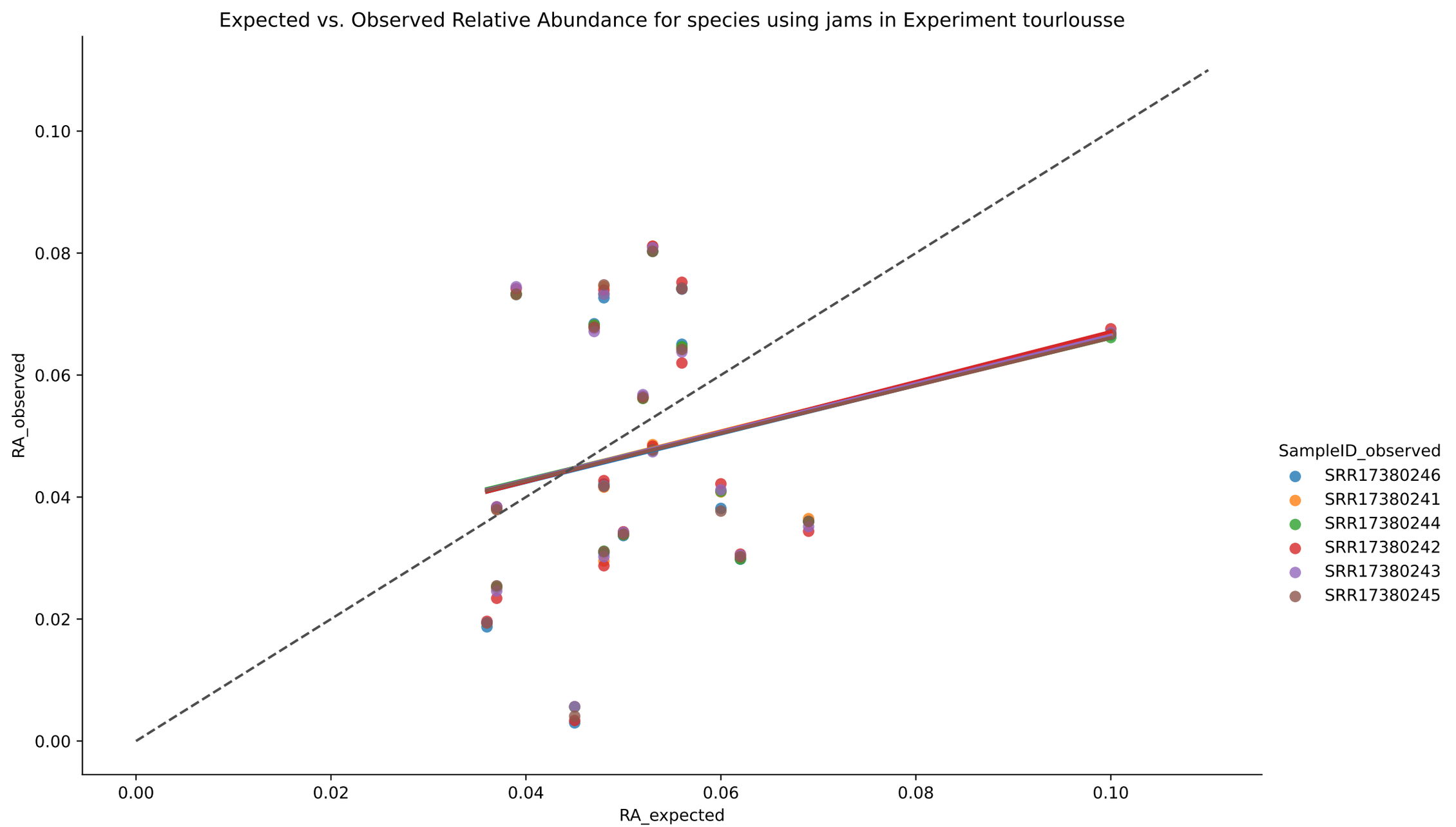
0.1
0.01
0.001

PSEUDOMONAS_PUTIDA
ESCHERICHIA_COLI
Shigella dysenteriae
Shigella flexneri
Bacteroides fragilis
Bacteroides thetaiotaomicron
BACTEROIDES_UNIFORMIS
PARABACTEROIDES_DISTASONIS
STAPHYLOCOCCUS_EPIDERMIDIS
STREPTOCOCCUS_MUTANS
Bacillus amyloliquefaciens
BACILLUS_SUBTILIS
ENTEROCLOSTER_CLOSTRIDIOFORMIS
LACTOBACILLUS_DELBRUECKII
Bifidobacterium breve
CUTIBACTERIUM_ACNES
Tyzzerella nexilis
Blautia producta
RUMINOCOCCUS_GNAVUS
Eubacterium ramulus
Bacteroides stercoris
COLLINSELLA_AEROFACIENS
ANAEROSTIPES_CACCAE
Clostridium bolteae
BIFIDOBACTERIUM_LONGUM
AKKERMANSIA_MUCINIPHILA
FLAVONIFRACTOR_PLAUTII
Bacteroides plebeius
Bacteroides coprocola
Bacteroides coprophilus
Prevotella stercorea
Parabacteroides johnsonii
MEGAMONAS_FUNIFORMIS
Bacillus velezensis
Parabacteroides gordonii
MEGASPHAERA_MASSILIENSIS
Anaerostipes sp. CAG:276
Collinsella sp. CAG:166
Akkermansia muciniphila CAG:154
Clostridium bolteae CAG:59
Clostridium clostridioforme CAG:132
Clostridium clostridioforme CAG:511
Staphylococcus sp. DORA_6_22
Bacillus sp. BSC154
Akkermansia sp. UNK.MGS-1
Staphylococcus sp. HMSC062B11
Akkermansia sp. 54_46
Akkermansia sp. Phil8
BLAUTIA_SP._NBRC-113351

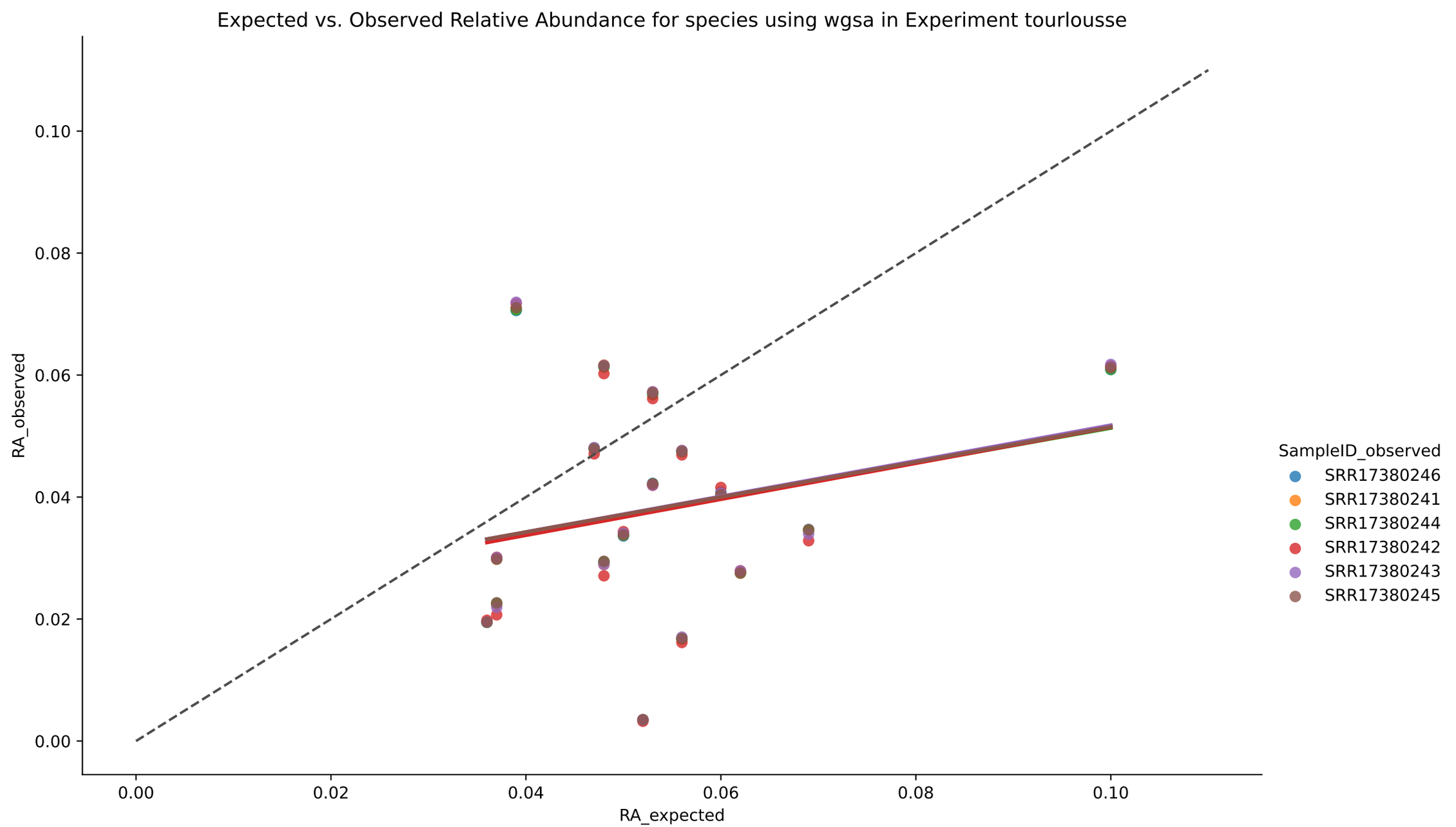
species



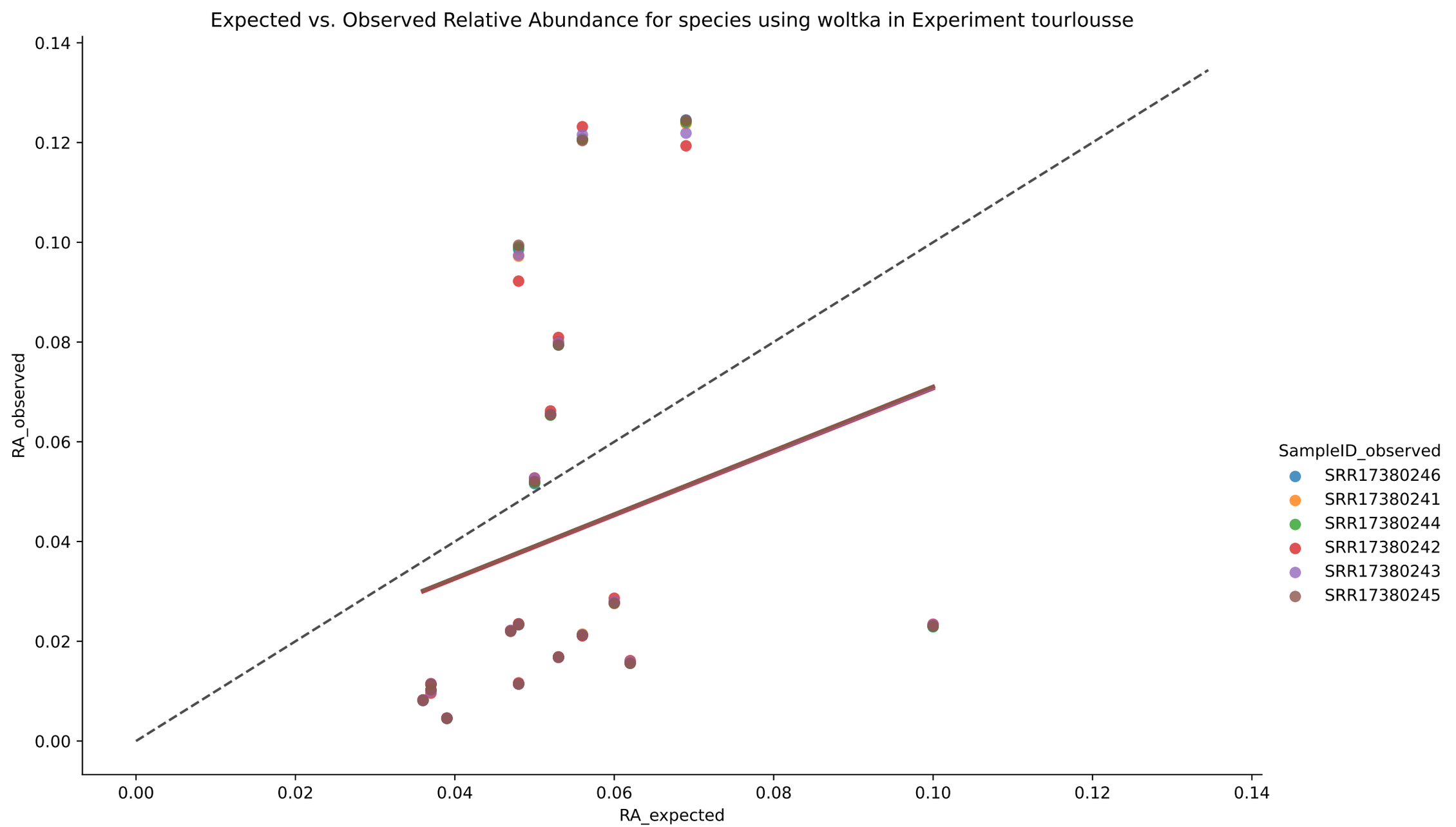
r² = 0.6580 for SRR17380241	MAE = 0.0115 for SRR17380241	Aitchison = 1.6008 for SRR17380241
r² = 0.6413 for SRR17380242	MAE = 0.0115 for SRR17380242	Aitchison = 1.7512 for SRR17380242
r² = 0.6410 for SRR17380243	MAE = 0.0115 for SRR17380243	Aitchison = 1.8493 for SRR17380243
r² = 0.6213 for SRR17380244	MAE = 0.0120 for SRR17380244	Aitchison = 1.6811 for SRR17380244
r² = 0.6560 for SRR17380245	MAE = 0.0114 for SRR17380245	Aitchison = 1.6343 for SRR17380245
r² = 0.6525 for SRR17380246	MAE = 0.0114 for SRR17380246	Aitchison = 1.6969 for SRR17380246



r^2 = 0.0708 for SRR17380241	MAE = 0.0196 for SRR17380241	Aitchison = 2.4662 for SRR17380241
r^2 = 0.0721 for SRR17380242	MAE = 0.0197 for SRR17380242	Aitchison = 2.7830 for SRR17380242
r^2 = 0.0698 for SRR17380243	MAE = 0.0196 for SRR17380243	Aitchison = 2.4621 for SRR17380243
r^2 = 0.0677 for SRR17380244	MAE = 0.0195 for SRR17380244	Aitchison = 2.4628 for SRR17380244
r^2 = 0.0672 for SRR17380245	MAE = 0.0197 for SRR17380245	Aitchison = 2.6581 for SRR17380245
r^2 = 0.0686 for SRR17380246	MAE = 0.0198 for SRR17380246	Aitchison = 2.8505 for SRR17380246



r^2 = 0.0590 for SRR17380241	MAE = 0.0211 for SRR17380241	Aitchison = 2.6543 for SRR17380241
r^2 = 0.0604 for SRR17380242	MAE = 0.0212 for SRR17380242	Aitchison = 2.7036 for SRR17380242
r^2 = 0.0587 for SRR17380243	MAE = 0.0211 for SRR17380243	Aitchison = 2.6544 for SRR17380243
r^2 = 0.0580 for SRR17380244	MAE = 0.0210 for SRR17380244	Aitchison = 2.6536 for SRR17380244
r^2 = 0.0584 for SRR17380245	MAE = 0.0210 for SRR17380245	Aitchison = 2.6448 for SRR17380245
r^2 = 0.0586 for SRR17380246	MAE = 0.0210 for SRR17380246	Aitchison = 2.6526 for SRR17380246



r^2 = 0.0578 for SRR17380241	MAE = 0.0355 for SRR17380241	Aitchison = 3.5232 for SRR17380241
r^2 = 0.0587 for SRR17380242	MAE = 0.0351 for SRR17380242	Aitchison = 3.4979 for SRR17380242
r^2 = 0.0573 for SRR17380243	MAE = 0.0354 for SRR17380243	Aitchison = 3.5190 for SRR17380243
r^2 = 0.0566 for SRR17380244	MAE = 0.0355 for SRR17380244	Aitchison = 3.5281 for SRR17380244
r^2 = 0.0569 for SRR17380245	MAE = 0.0356 for SRR17380245	Aitchison = 3.5326 for SRR17380245
r^2 = 0.0572 for SRR17380246	MAE = 0.0355 for SRR17380246	Aitchison = 3.5357 for SRR17380246