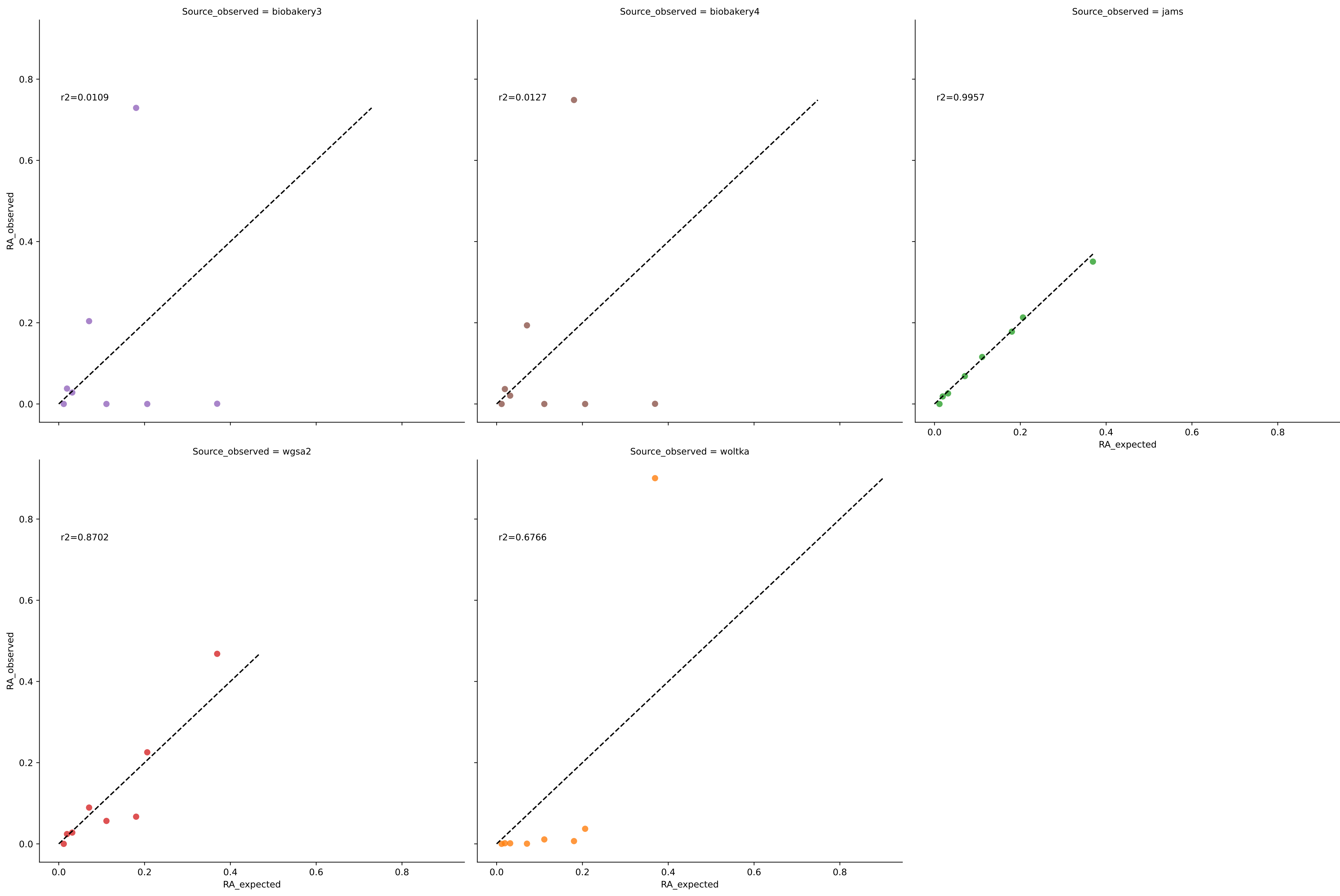
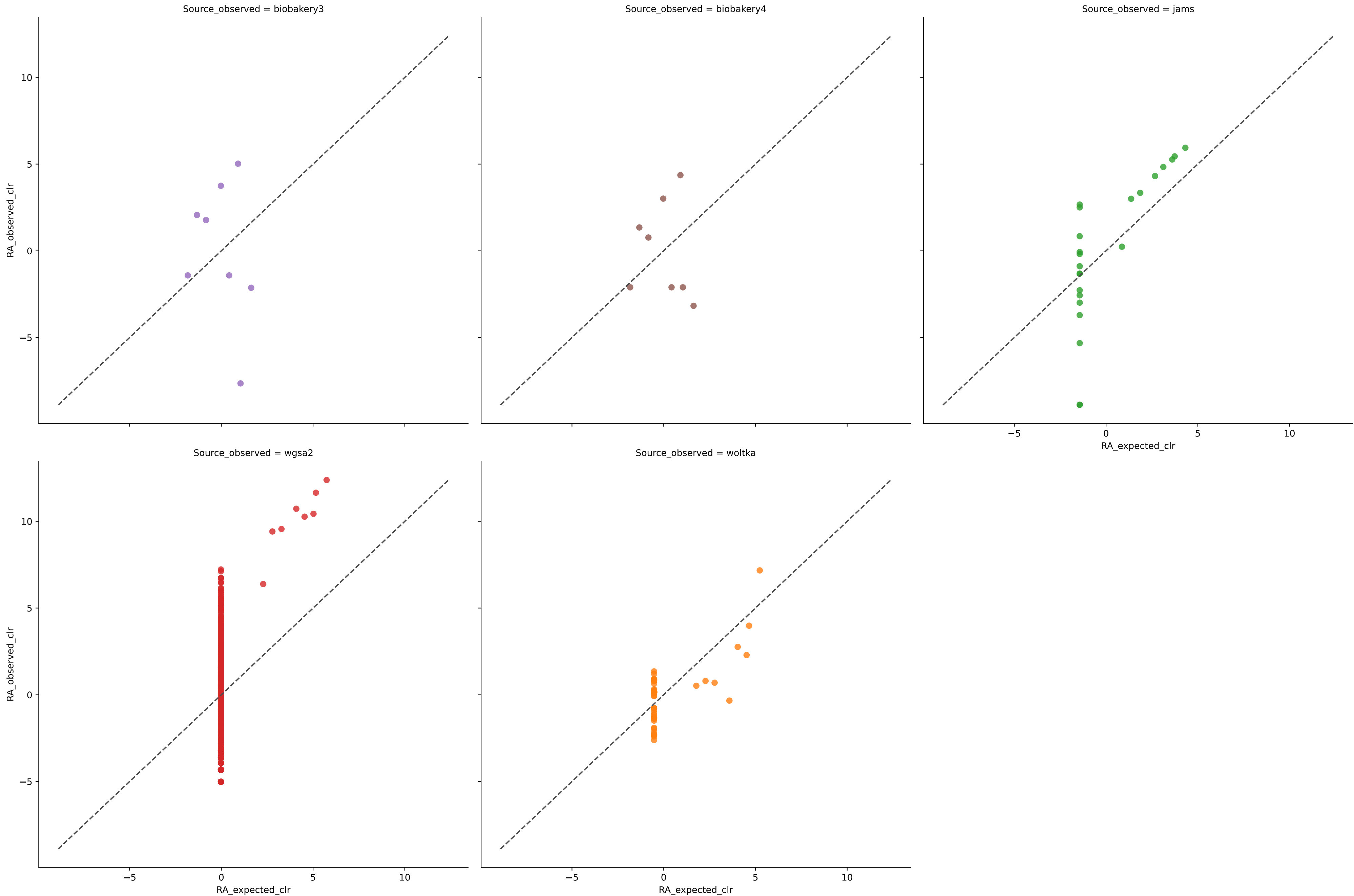


# Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0)

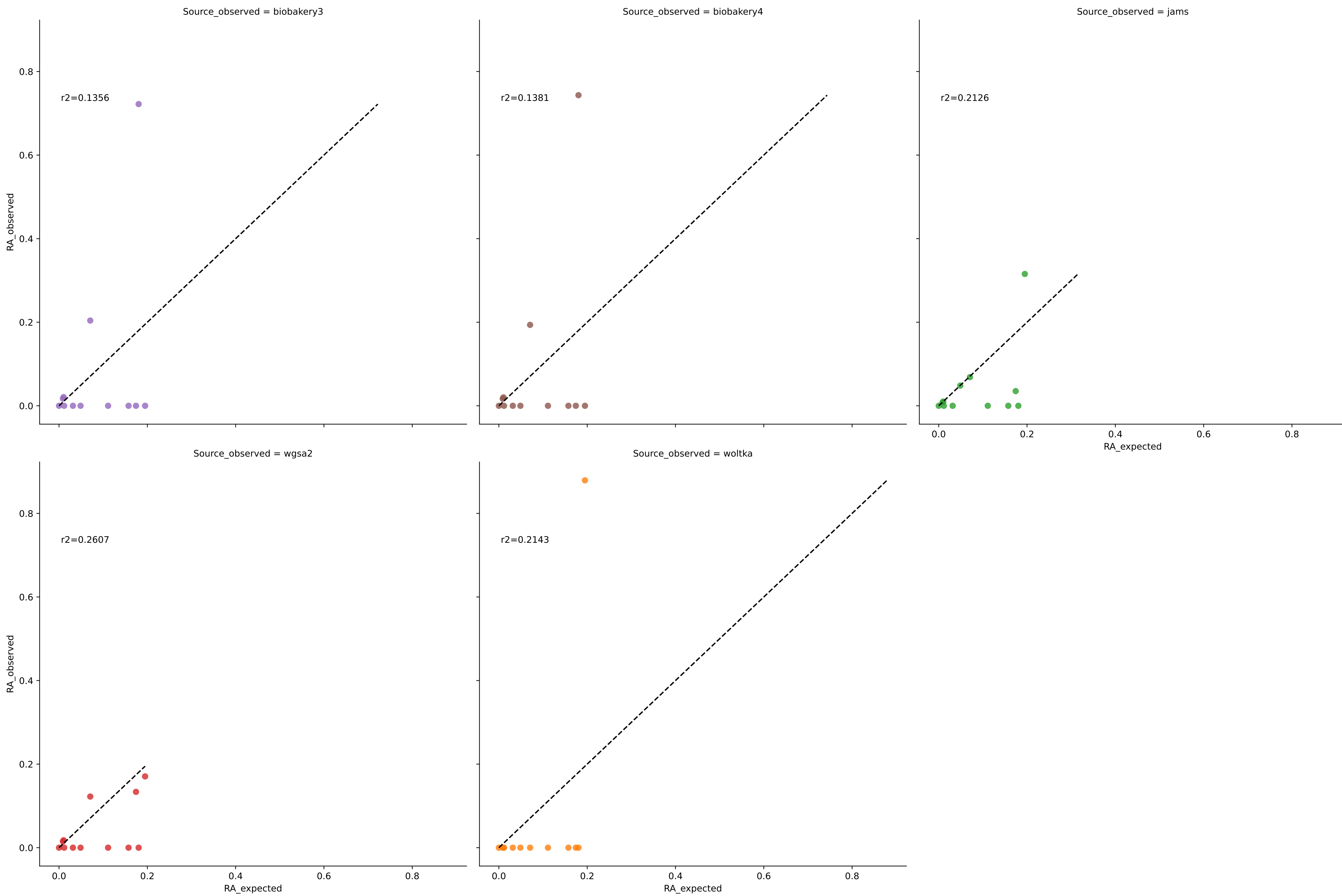


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0)

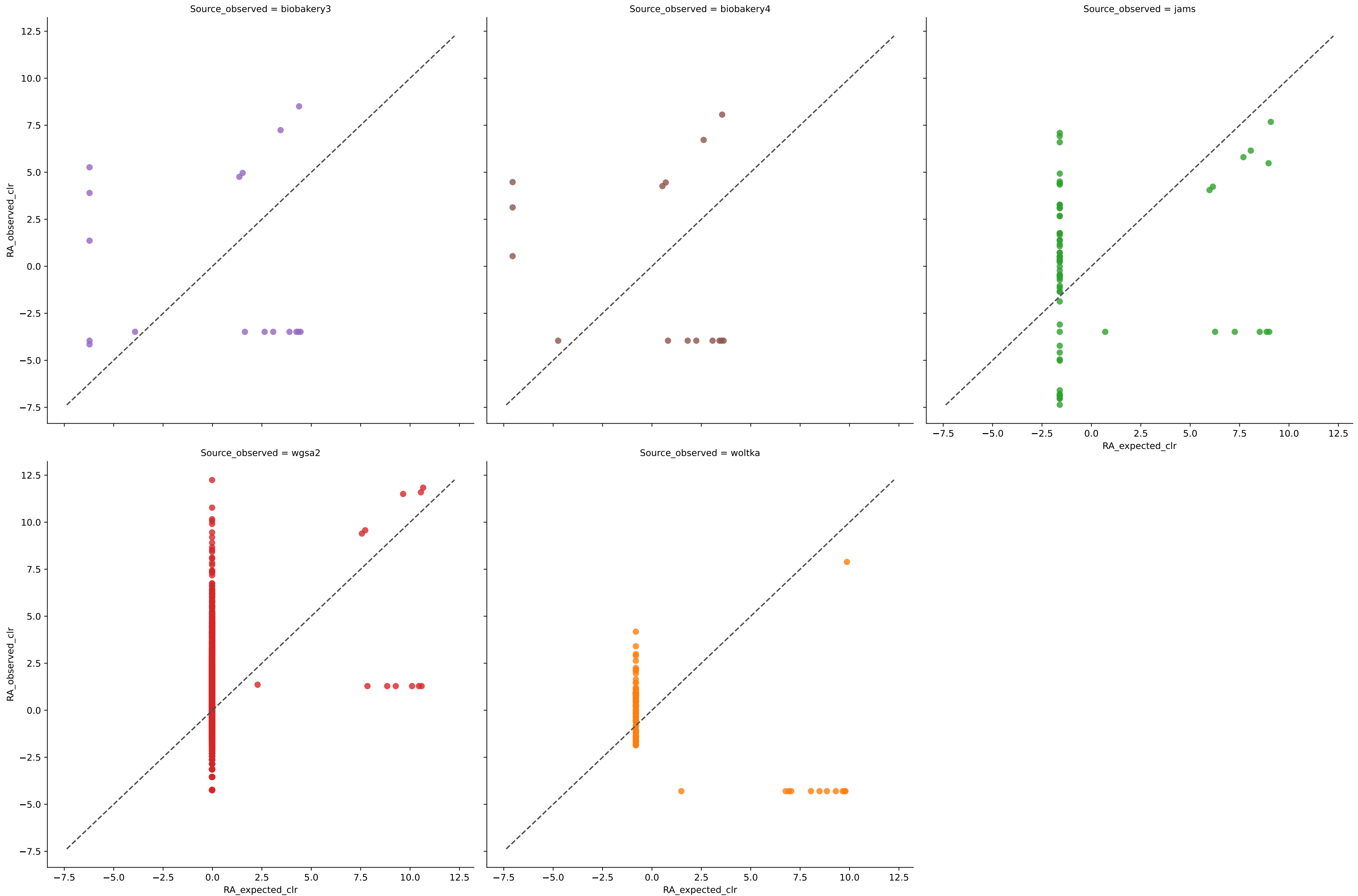


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.0109	0.1752	11.9443	0.2991	0.2526	75.0000	0.0000
biobakery4	8	0.0127	0.1772	8.3828	0.2912	0.2573	62.5000	0.0000
jams	23	0.9959	0.0035	13.9947	0.9593	0.0062	87.5000	2.9354
wgsa2	1618	0.9109	0.0002	101.1986	0.8167	0.0040	87.5000	4.1538
woltka	63	0.6255	0.0182	9.7162	0.4276	0.0753	87.5000	4.0960

# Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0)

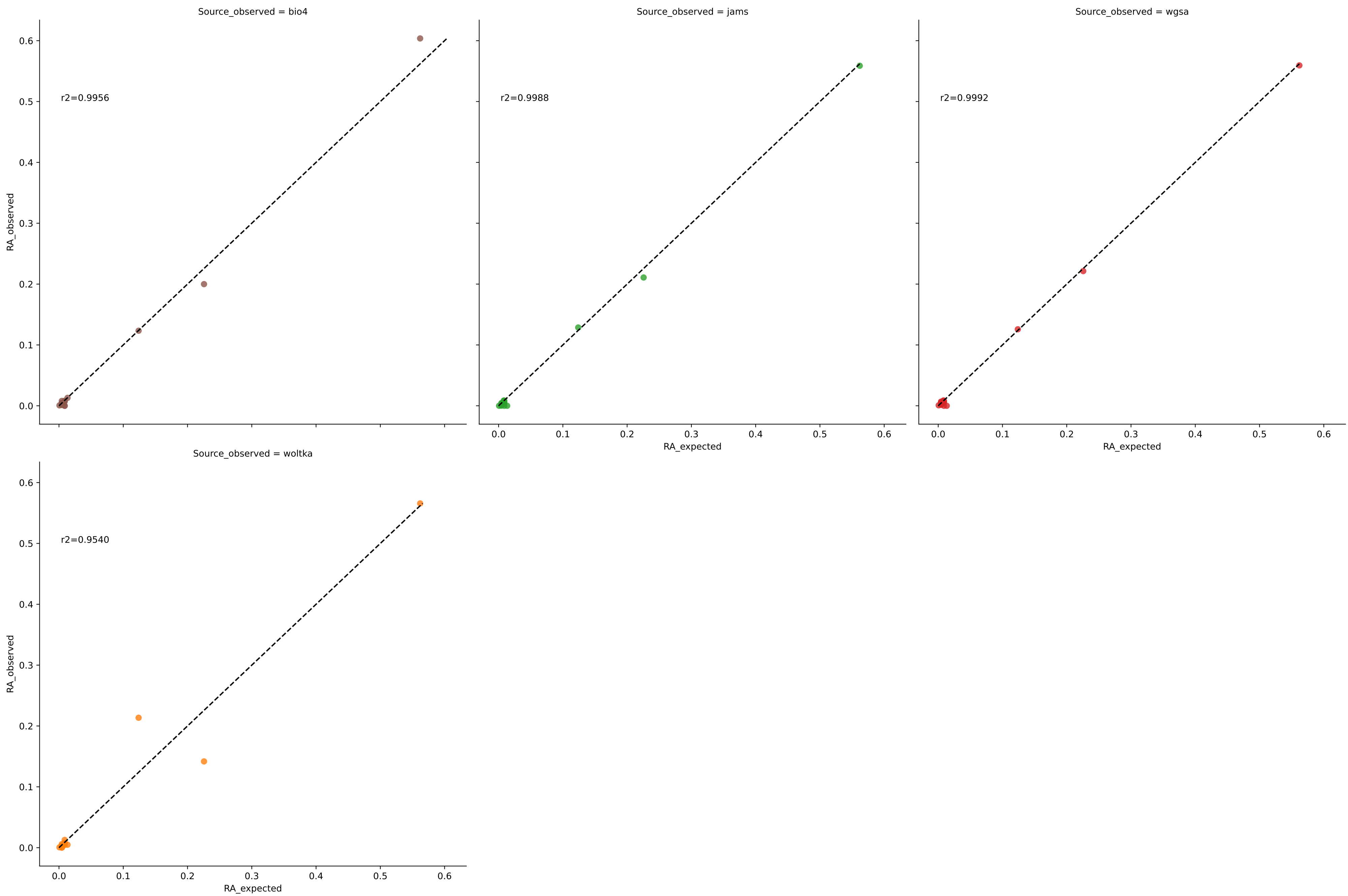


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0)

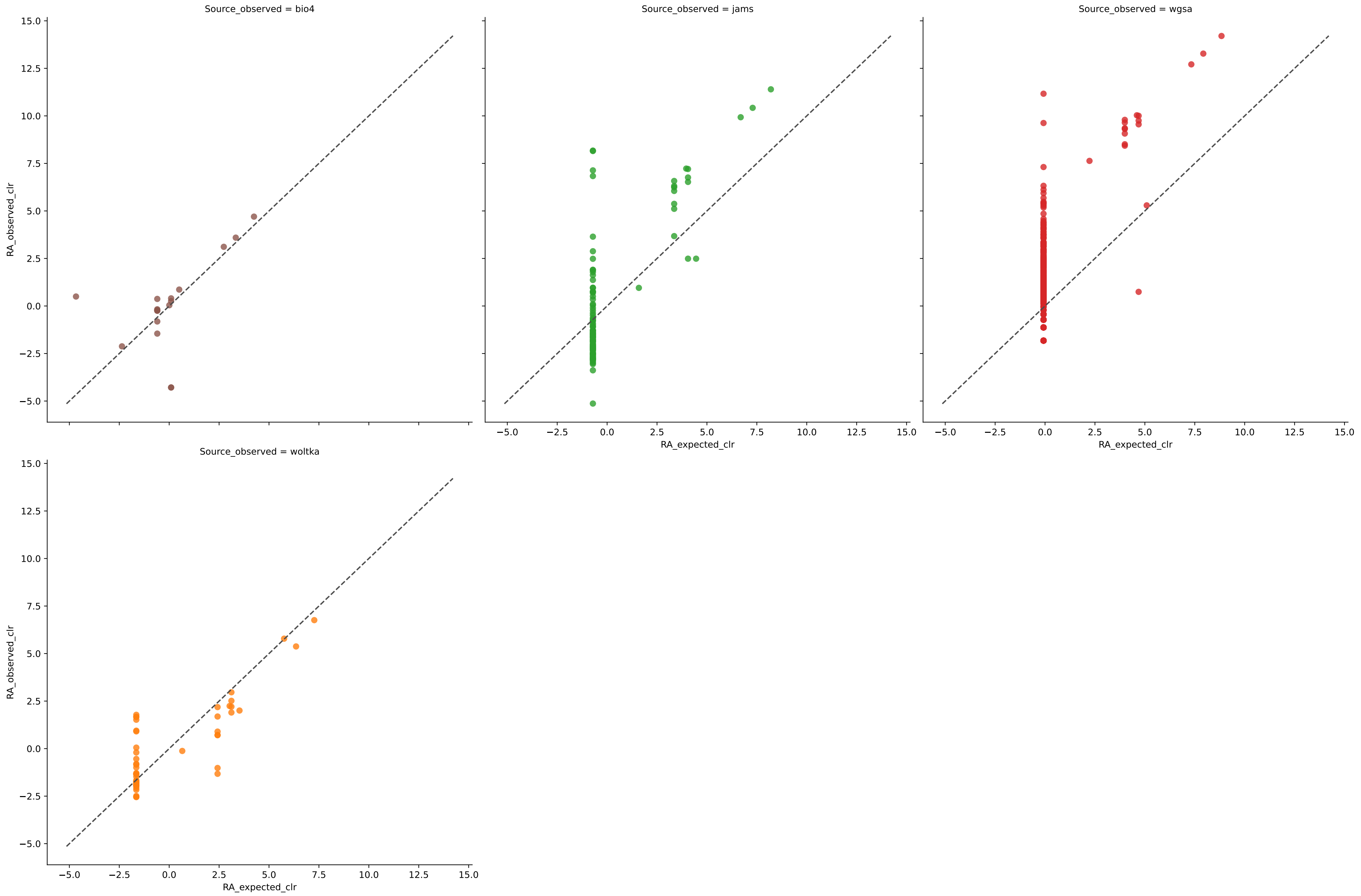


	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	17	0.1670	0.0859	26.4923	0.2702	0.1574	33.3333	3.6049
biobakery4	15	0.1578	0.0973	25.9132	0.2702	0.1716	33.3333	2.6303
jams	66	0.1721	0.0192	39.5470	0.3655	0.0508	50.0000	51.3979
wgsa2	5630	0.2162	0.0002	177.2455	0.3941	0.0052	50.0000	54.0805
woltka	130	0.2516	0.0124	44.8238	0.1949	0.0667	8.3333	12.0865

# Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 0)

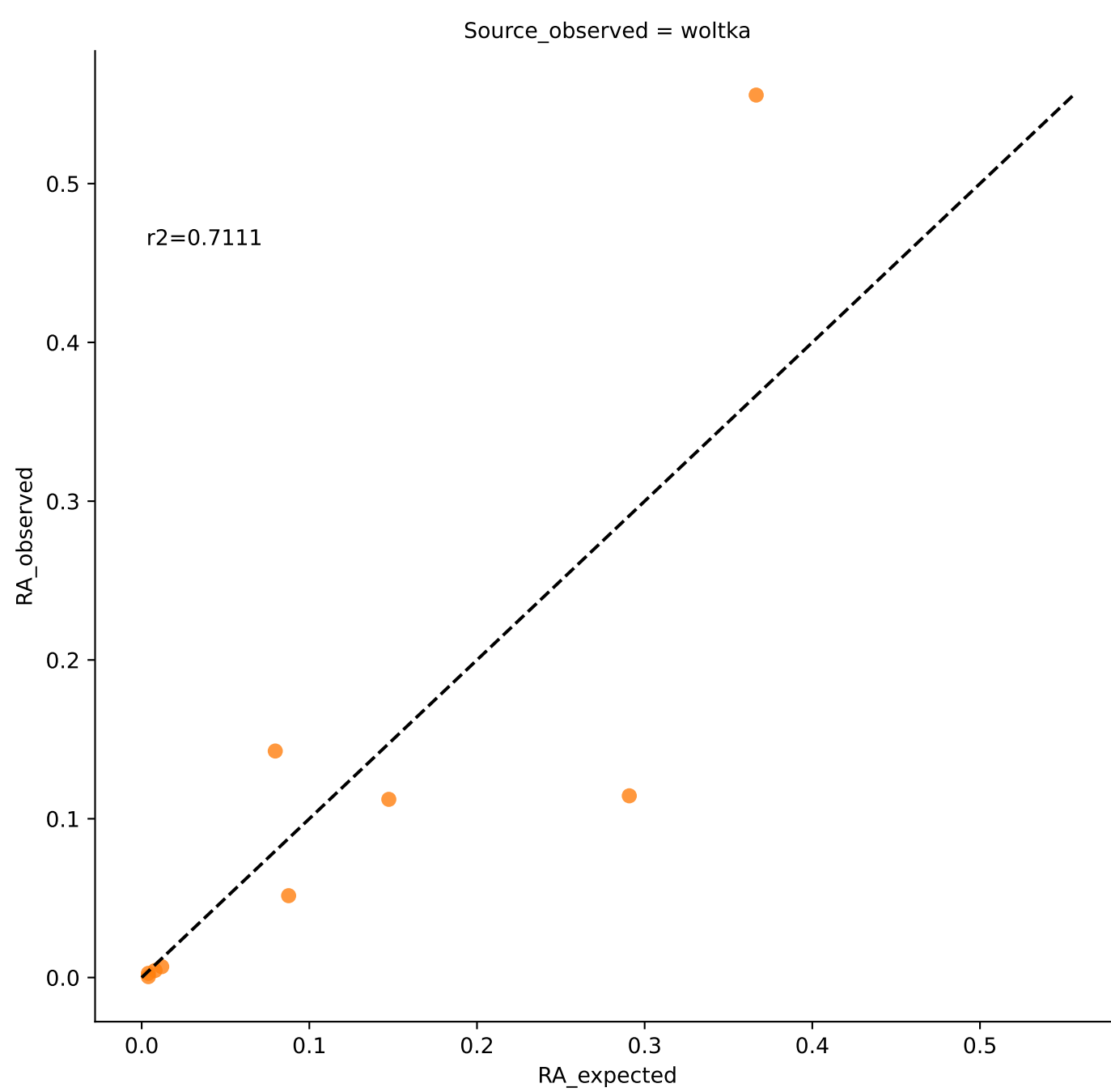
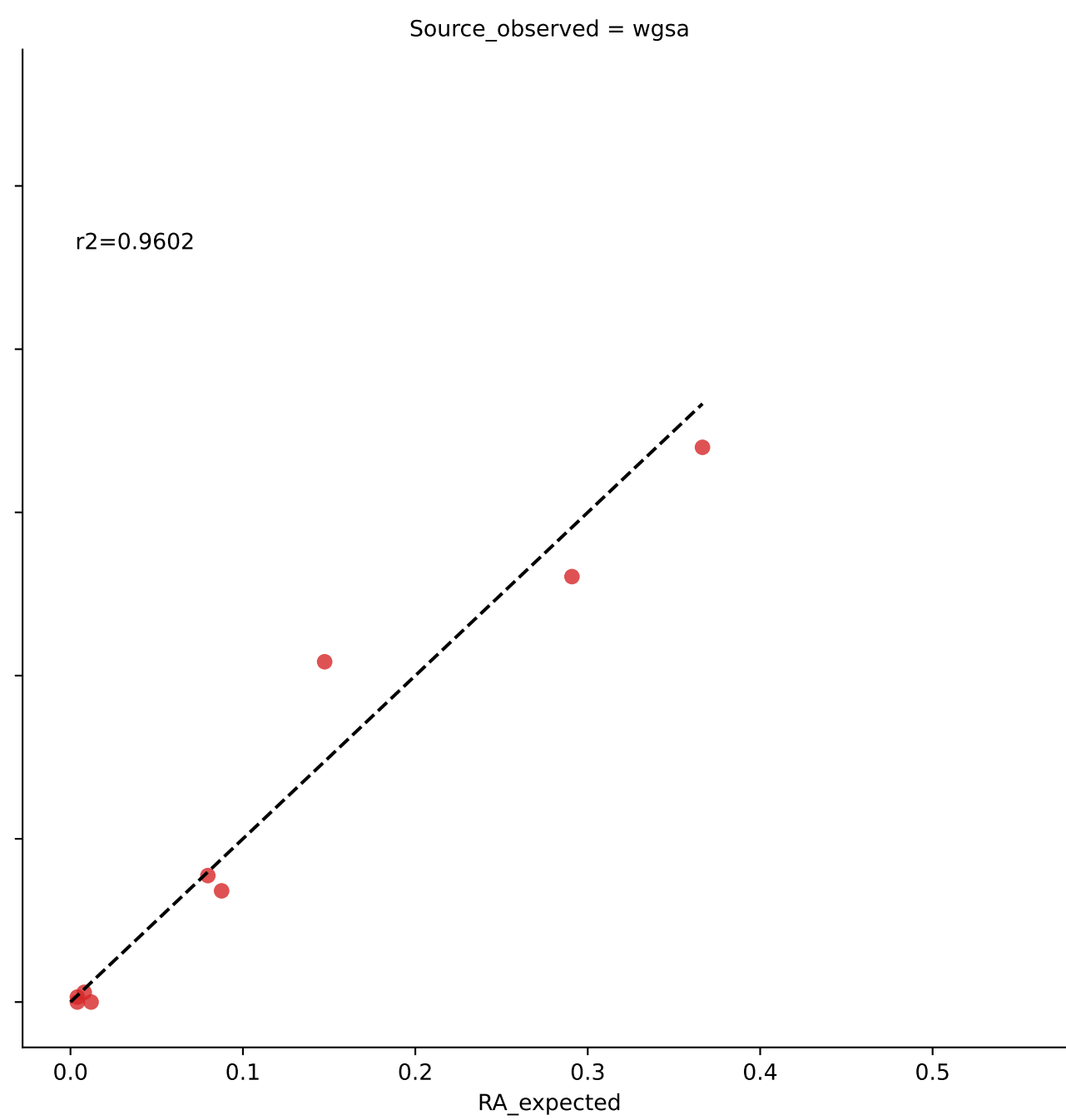
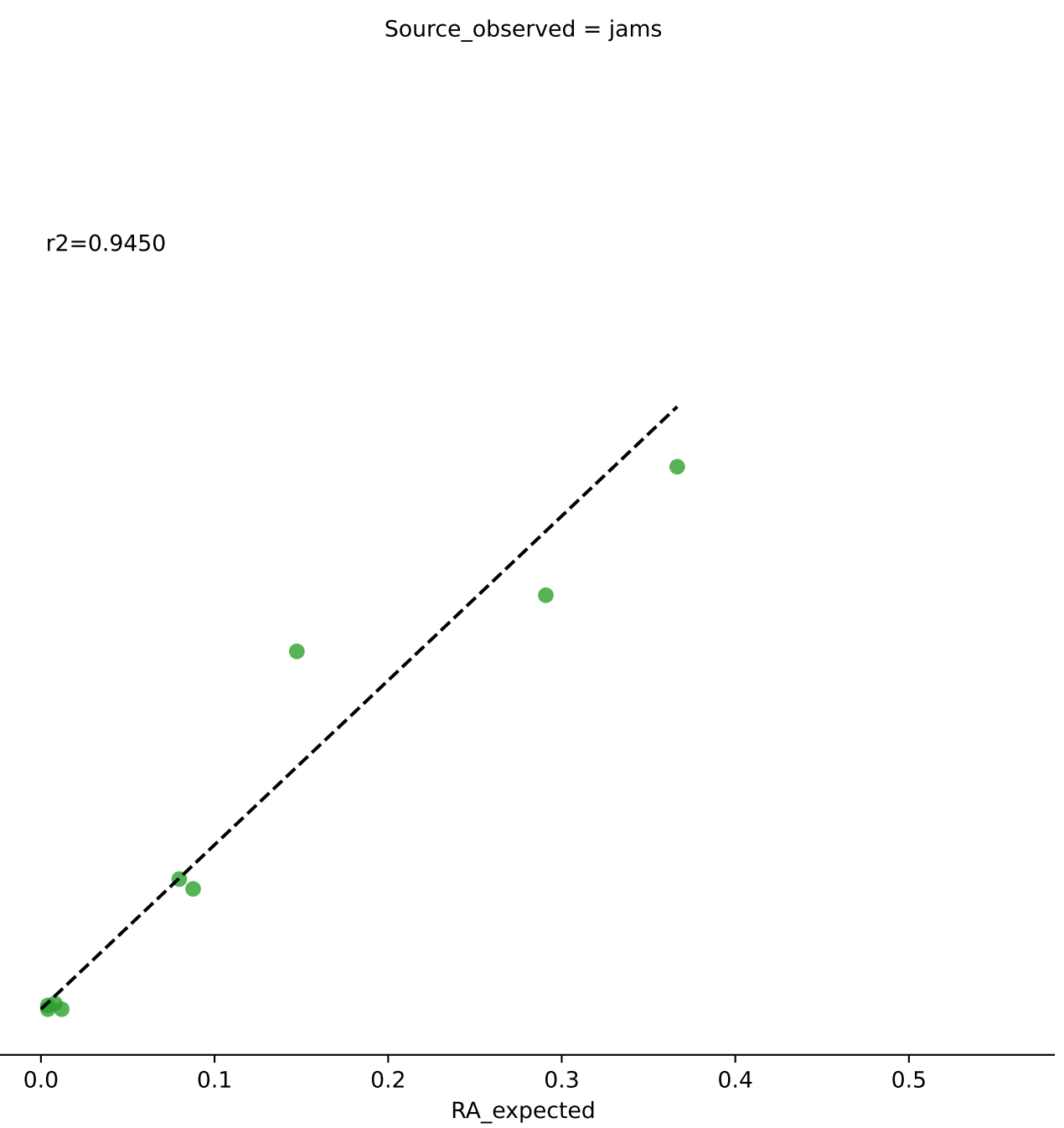
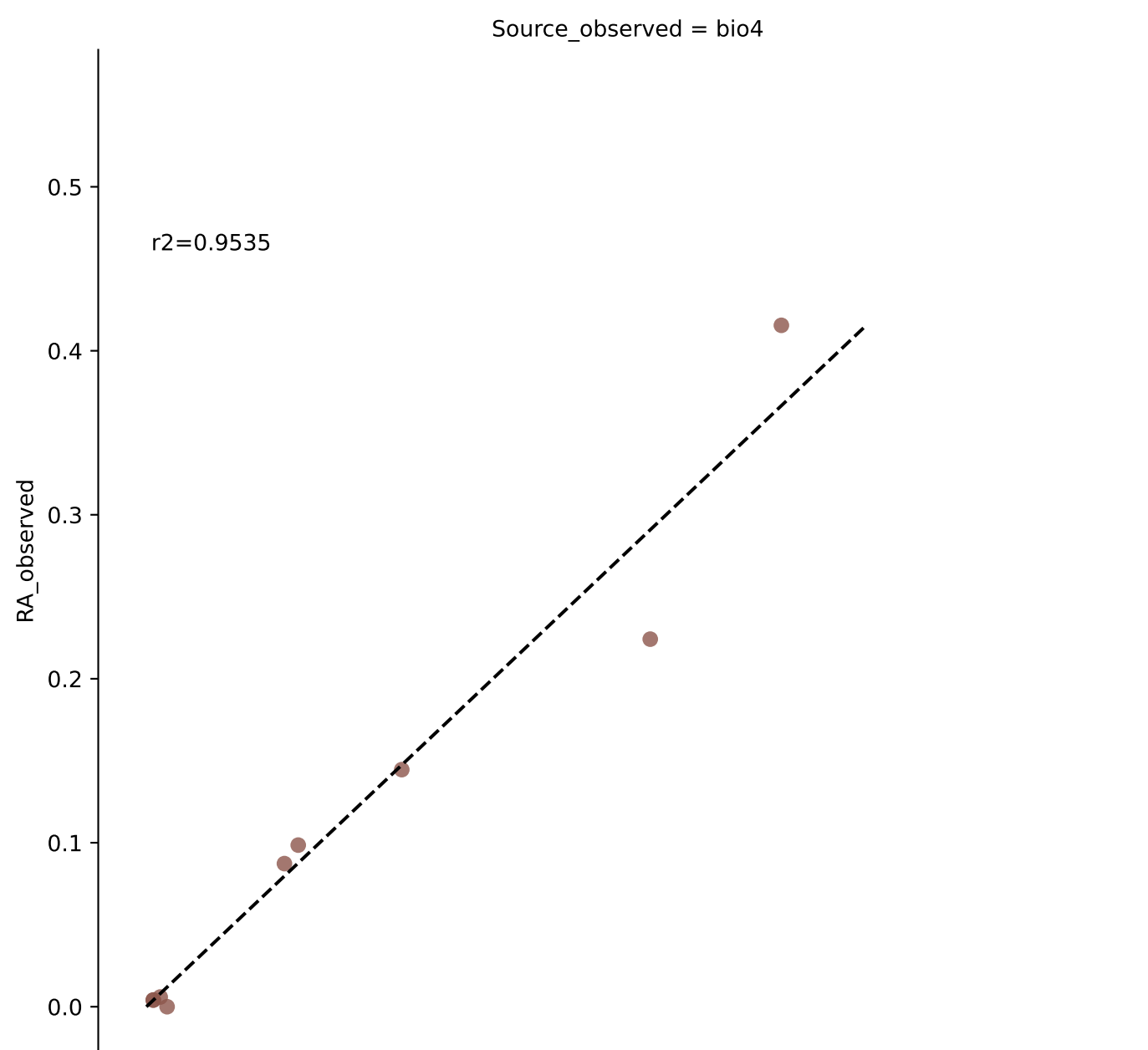


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 0)

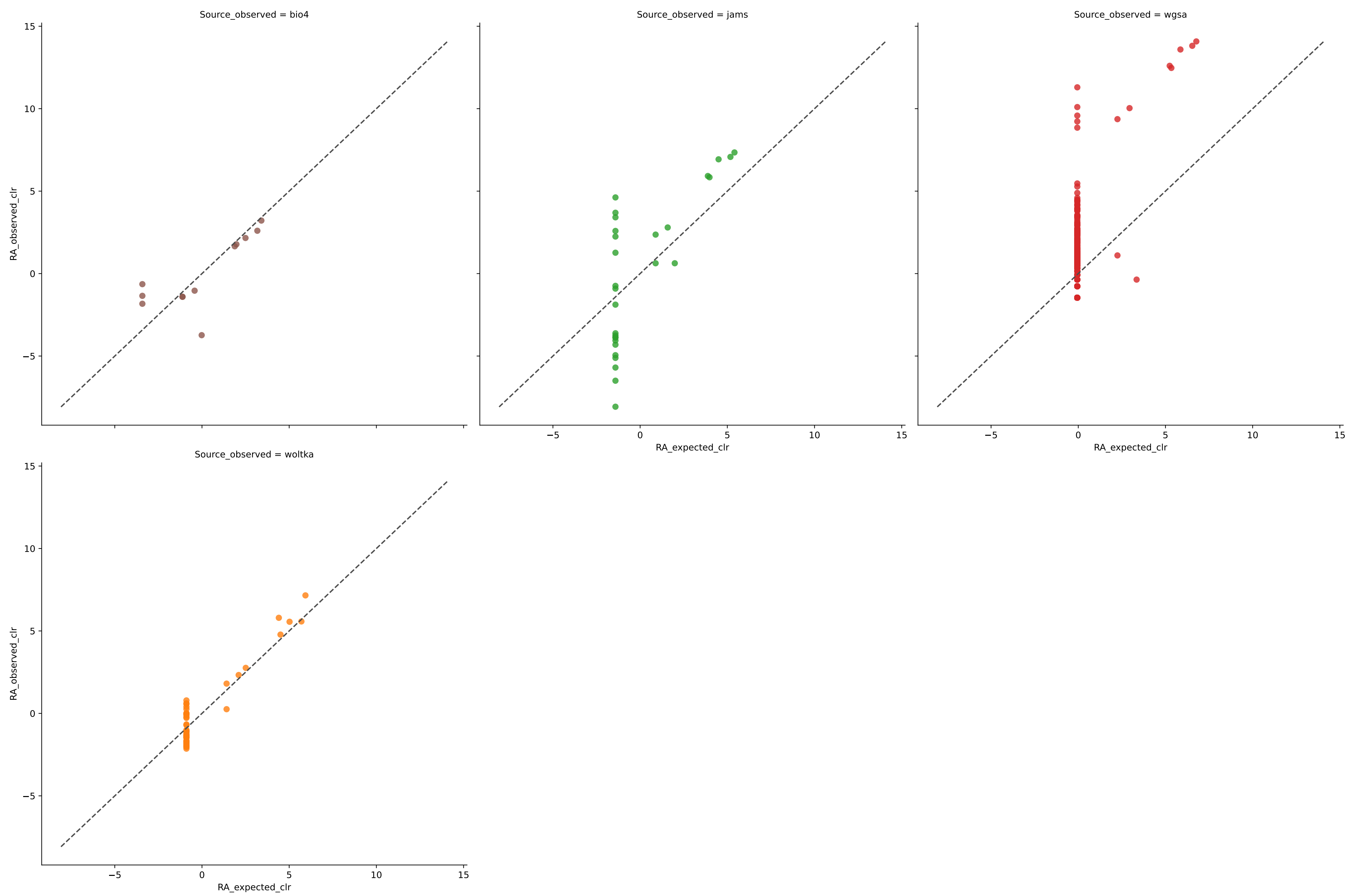


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	18	0.9952	0.0061	8.2529	0.9455	0.0122	88.2353	0.9028
jams	118	0.9957	0.0011	25.5982	0.9361	0.0037	88.2353	5.8515
wgsa	1112	0.9972	0.0001	57.4328	0.9581	0.0010	94.1176	3.5621
woltka	51	0.9585	0.0047	10.5309	0.8792	0.0173	100.0000	2.2046

# Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0)



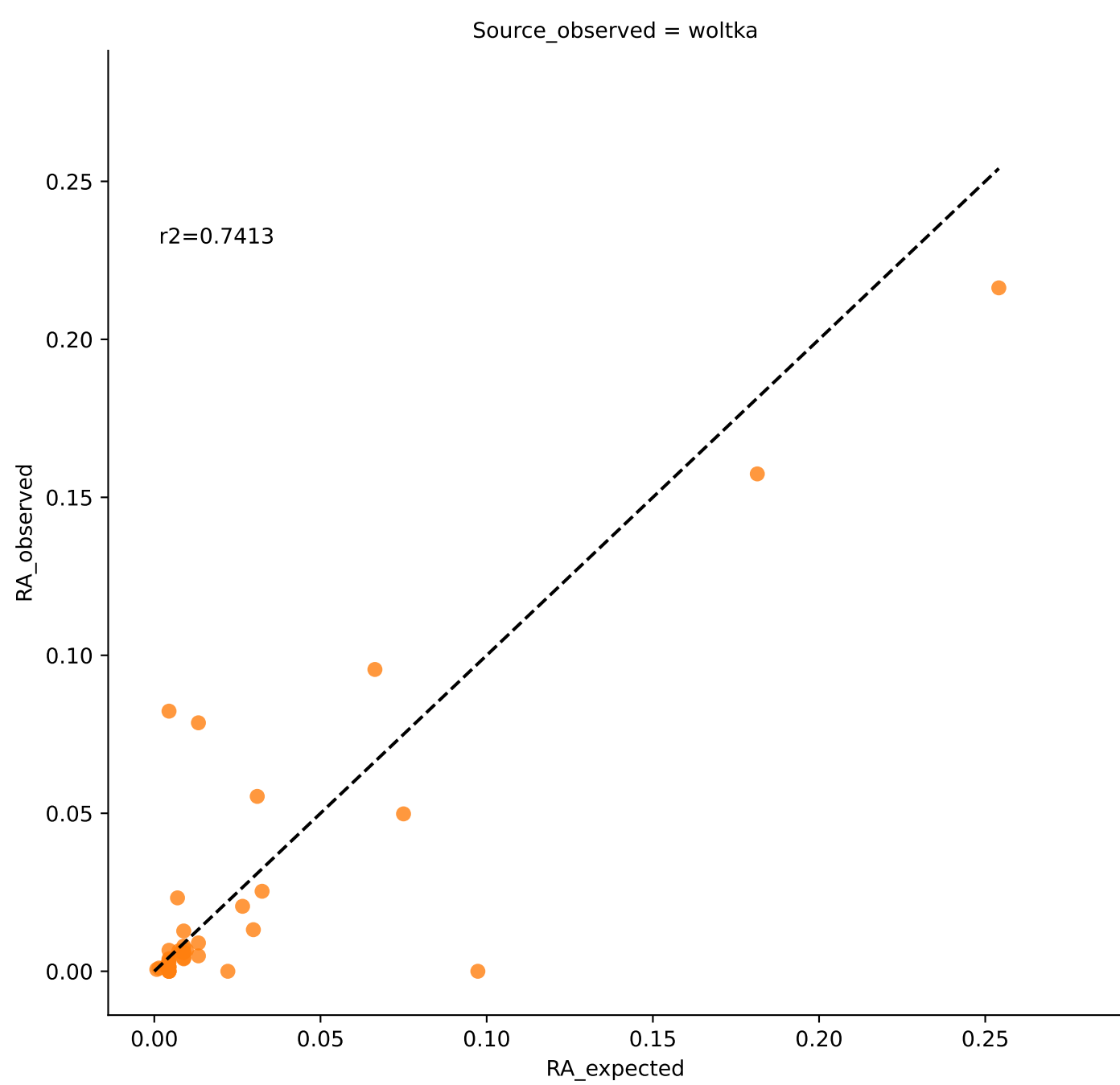
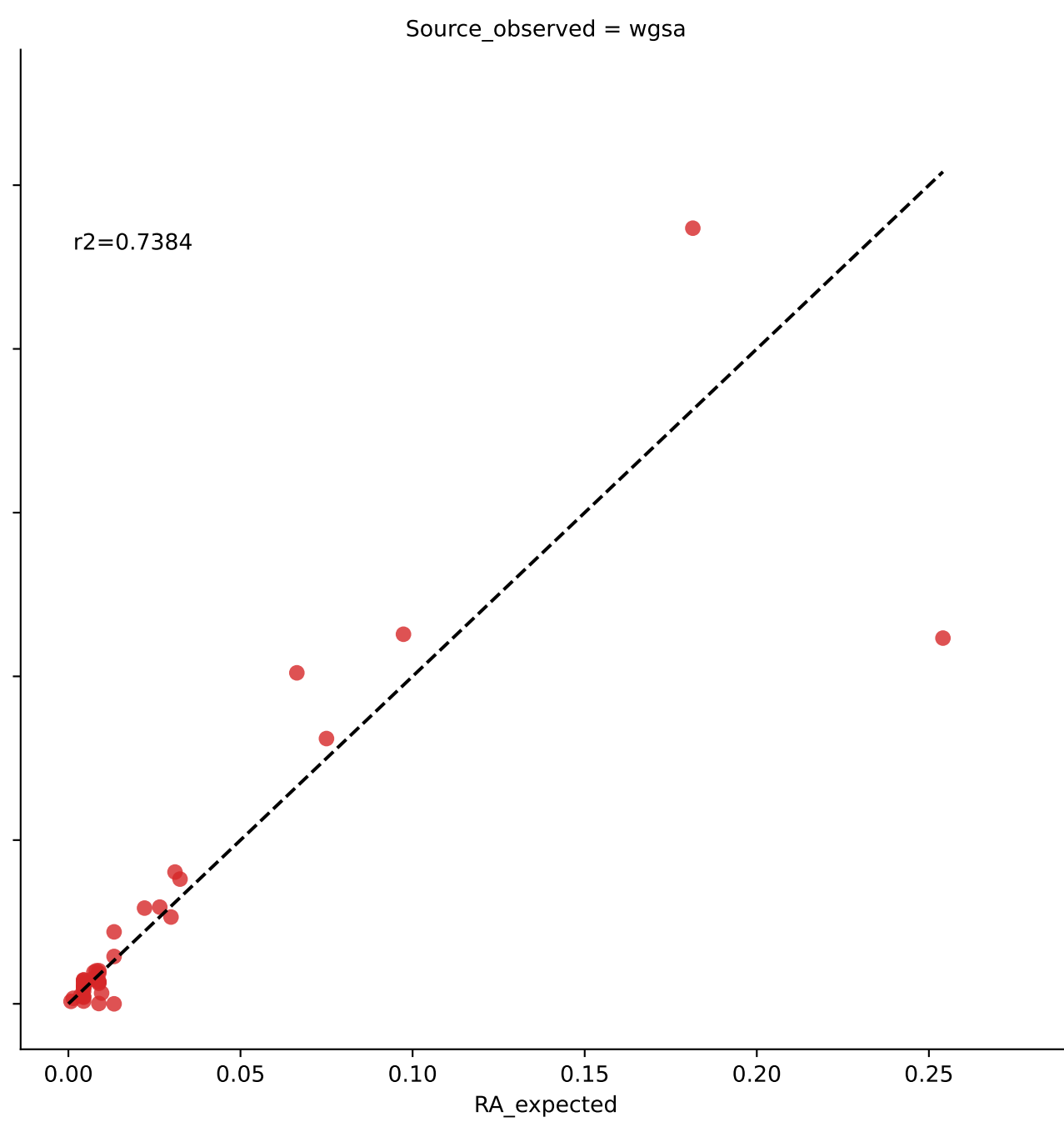
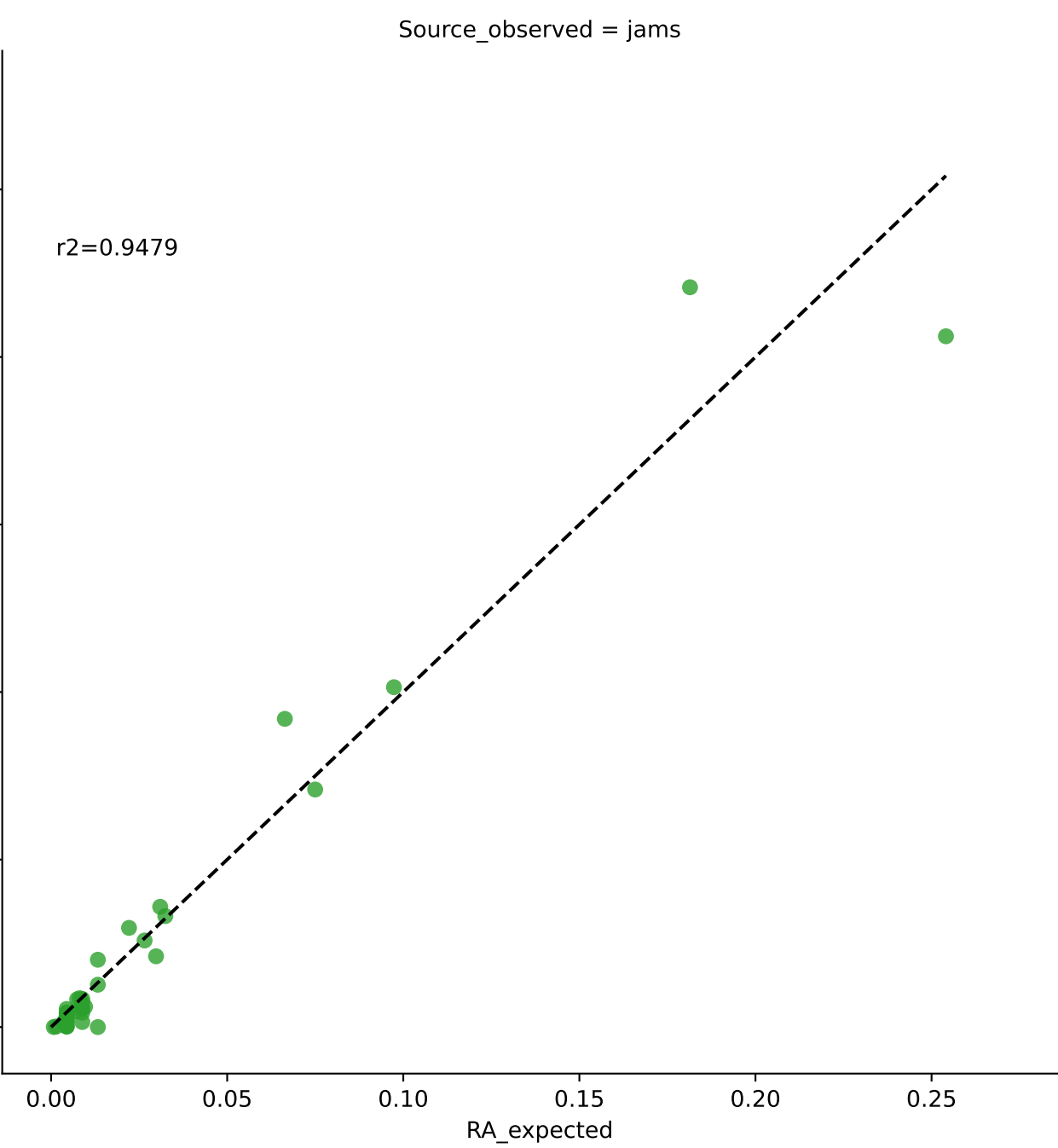
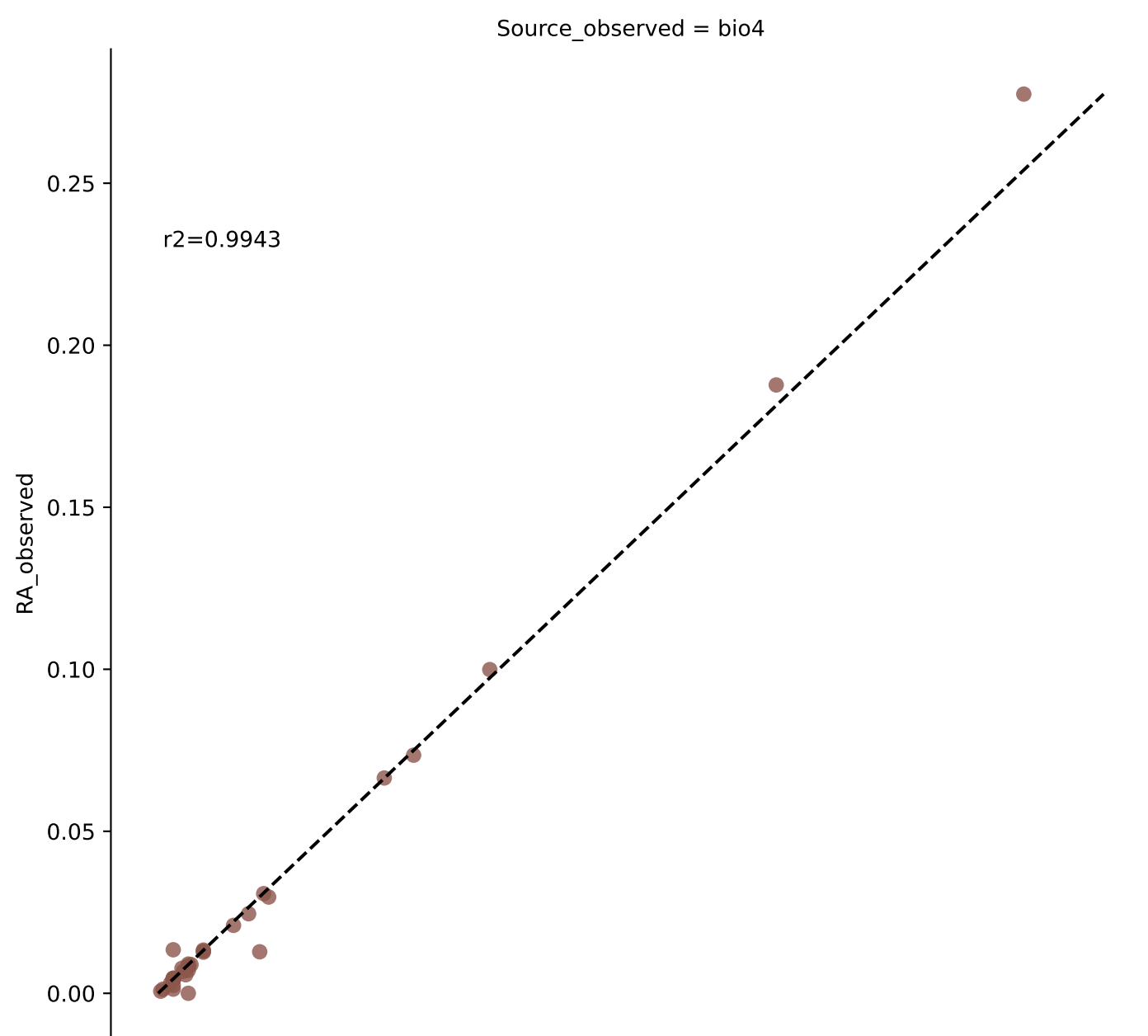
Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0)



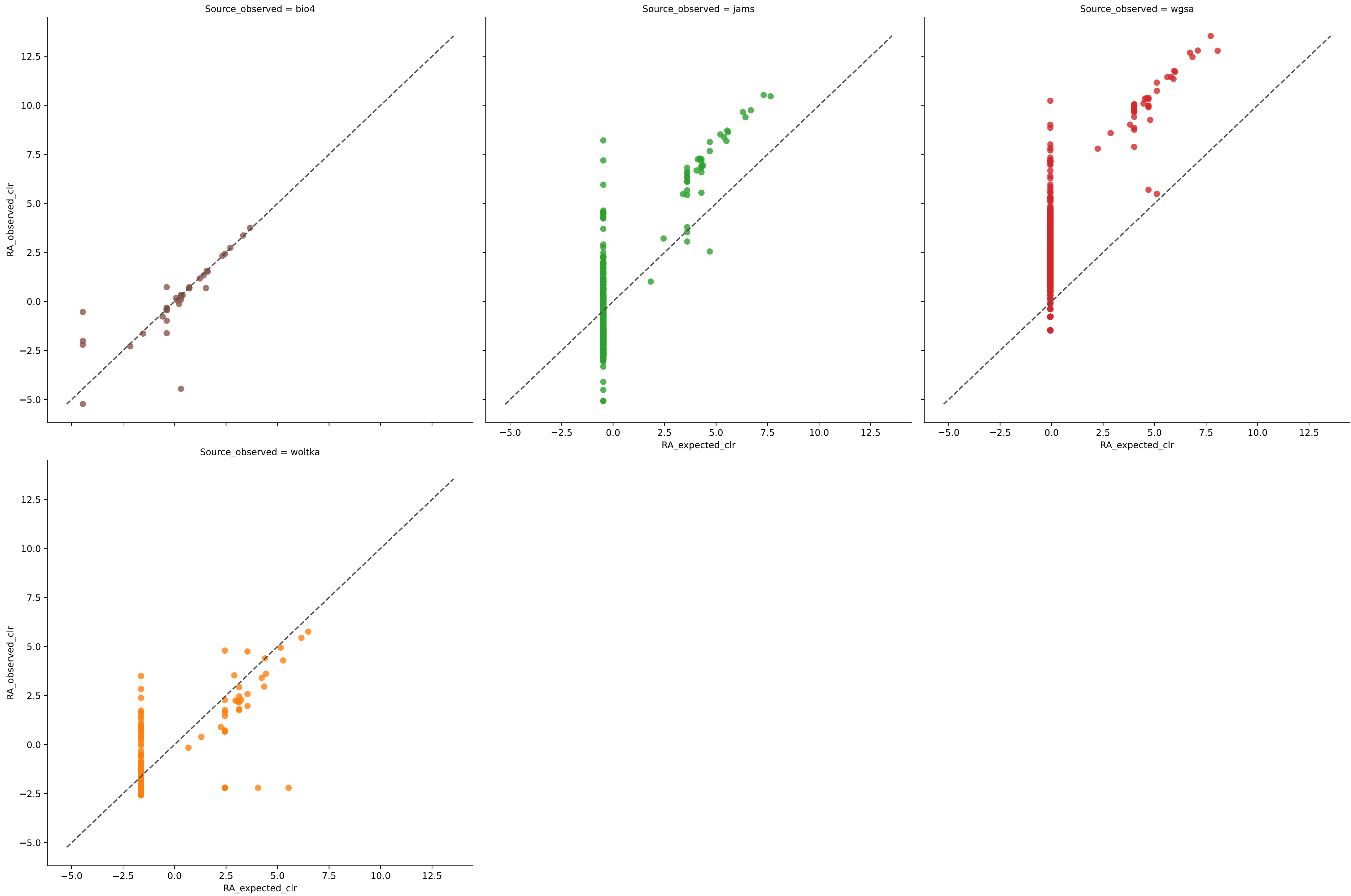
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	12	0.9591	0.0139	5.4279	0.9165	0.0246	88.8889	1.5800
jams	29	0.9613	0.0078	17.3821	0.8873	0.0174	77.7778	4.2410
wgsa	737	0.9752	0.0003	48.3897	0.9025	0.0029	100.0000	3.6416
woltka	46	0.7840	0.0114	5.6354	0.7389	0.0400	100.0000	0.8893



# Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 0)

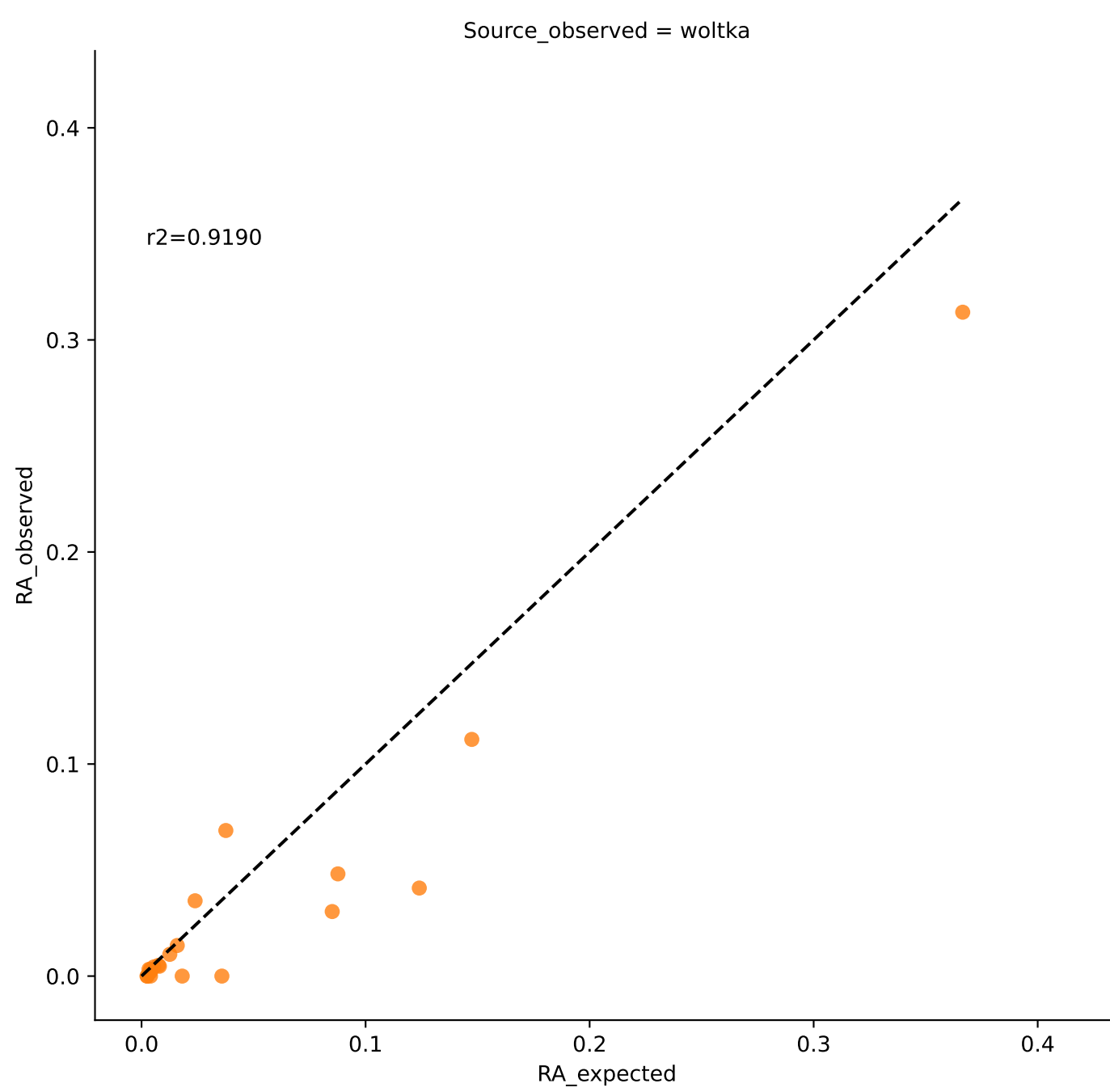
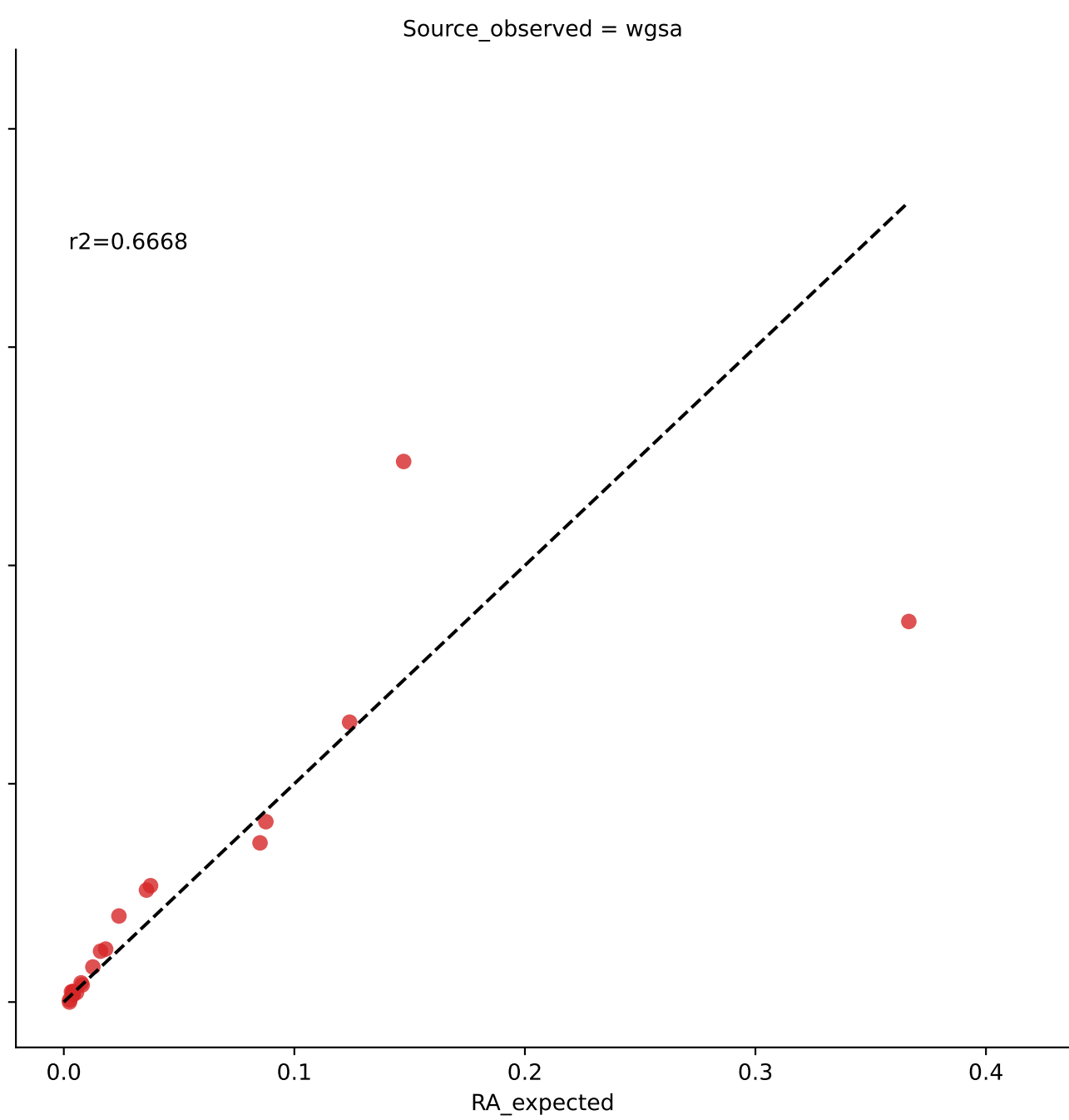
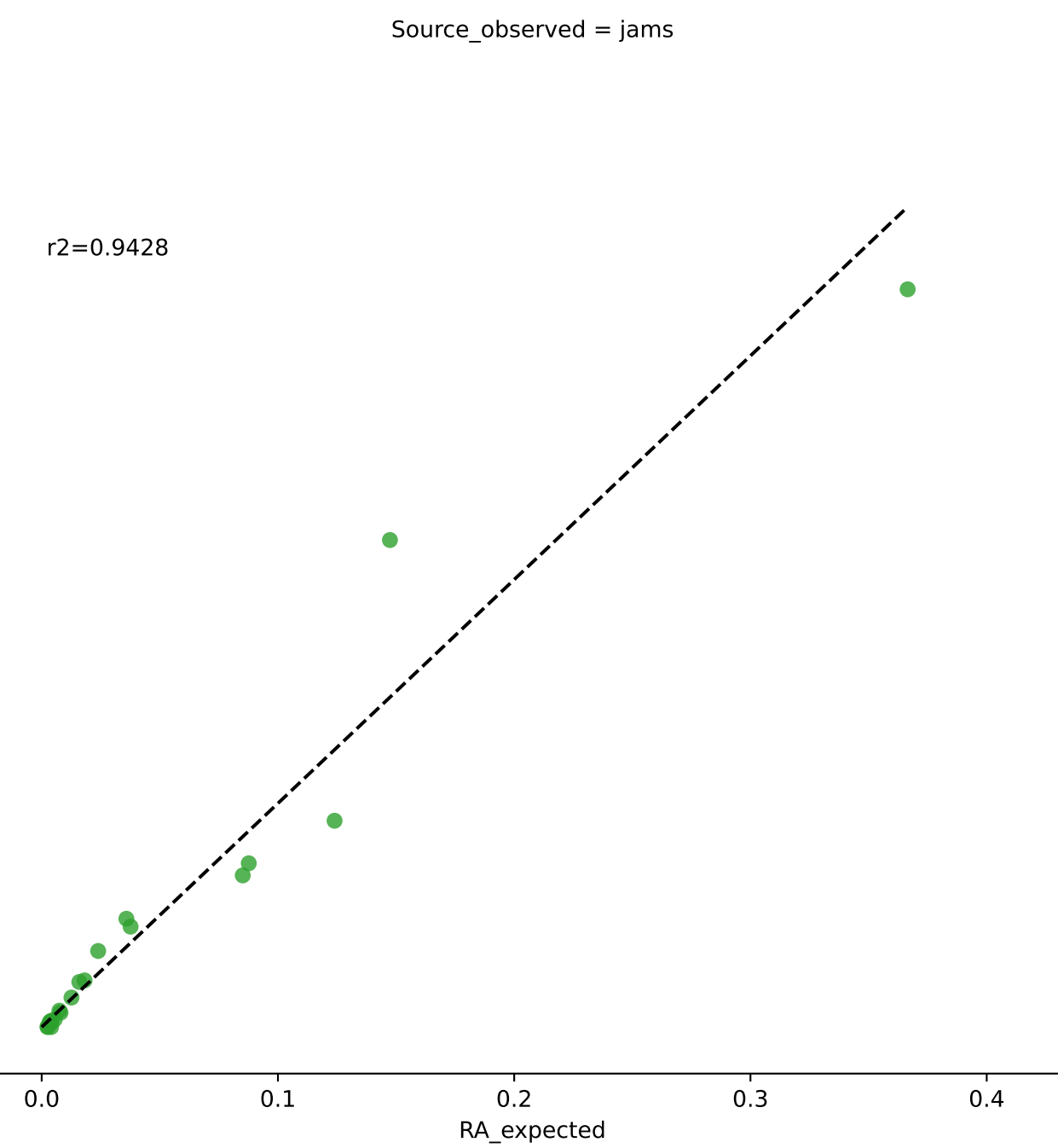
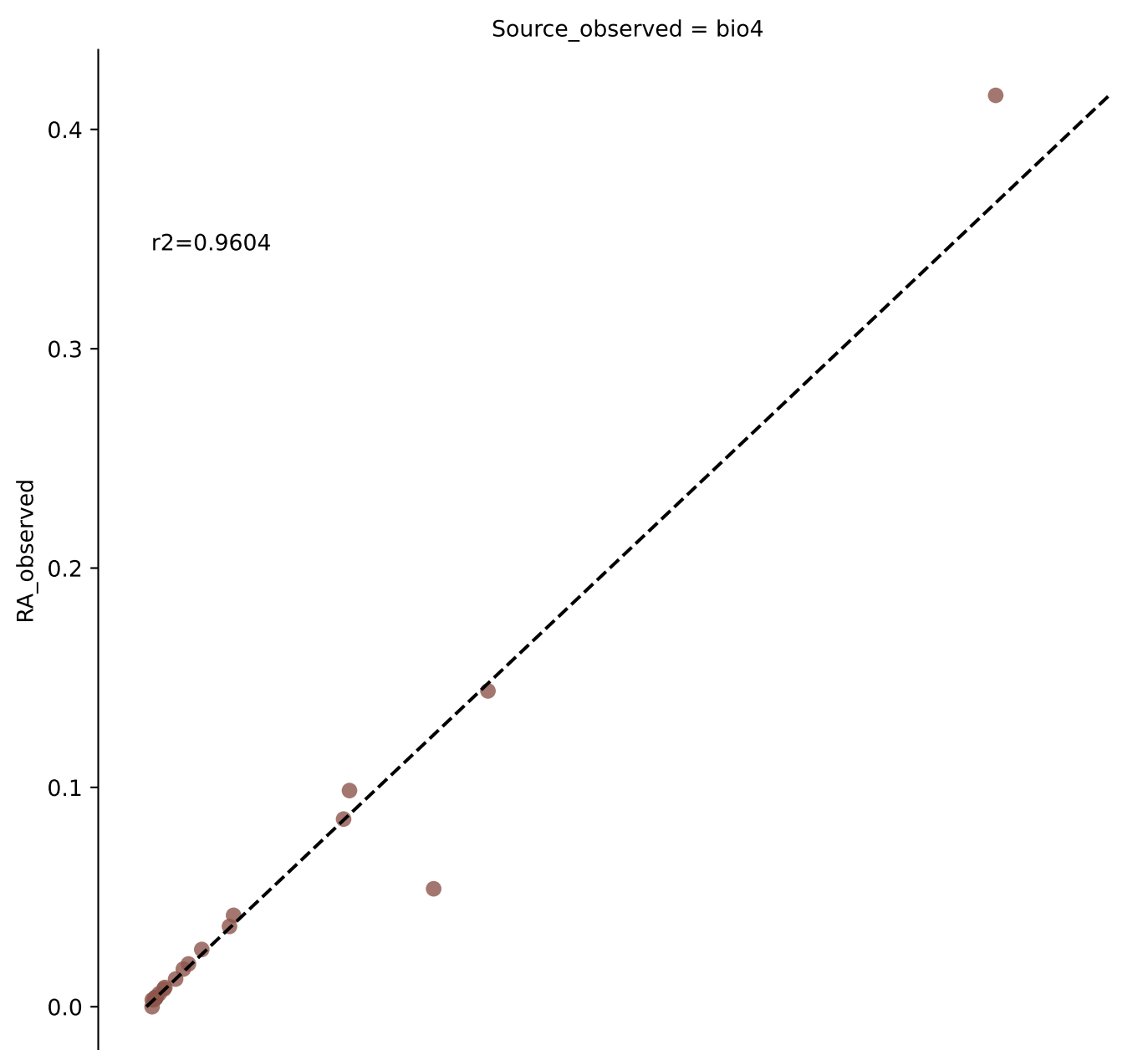


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 0)

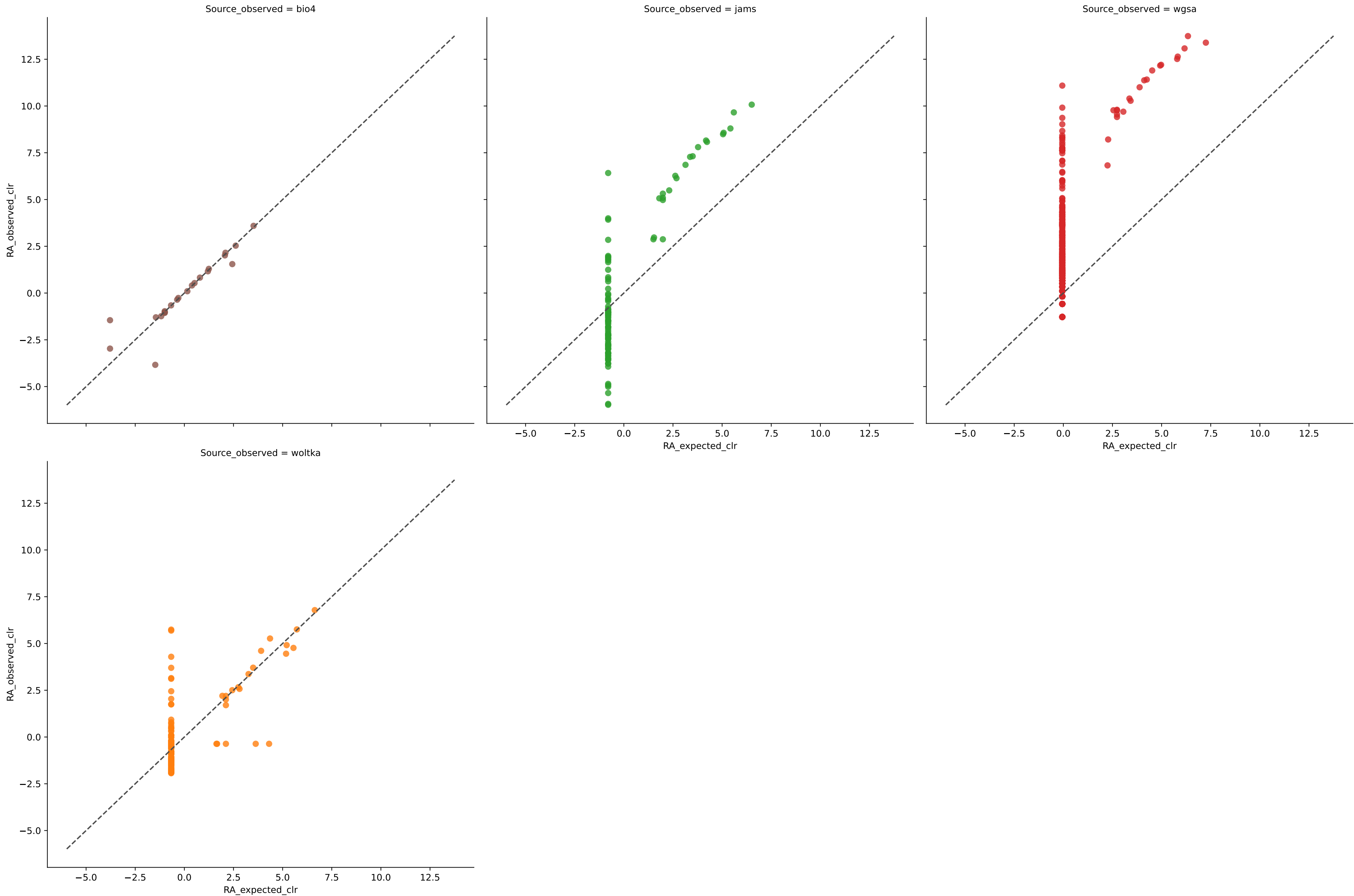


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	42	0.9940	0.0023	7.3336	0.9518	0.0051	97.3684	0.5400
jams	395	0.9531	0.0007	38.2065	0.8699	0.0038	97.3684	3.8600
wgsa	3108	0.7922	0.0001	89.8267	0.8092	0.0029	97.3684	2.4464
woltka	115	0.7717	0.0053	20.6858	0.6968	0.0151	84.2105	8.4030

# Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 0)

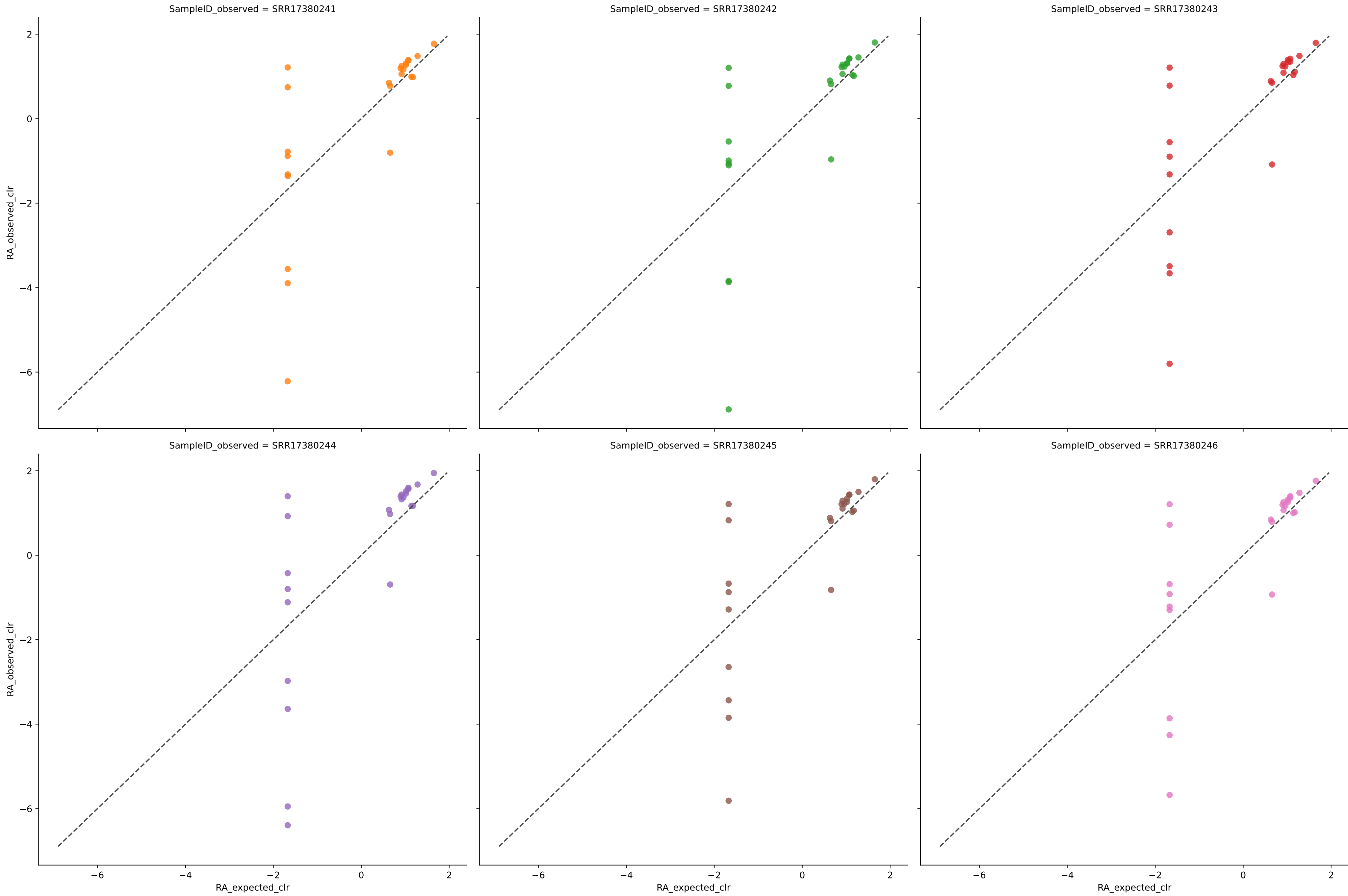


Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 0)



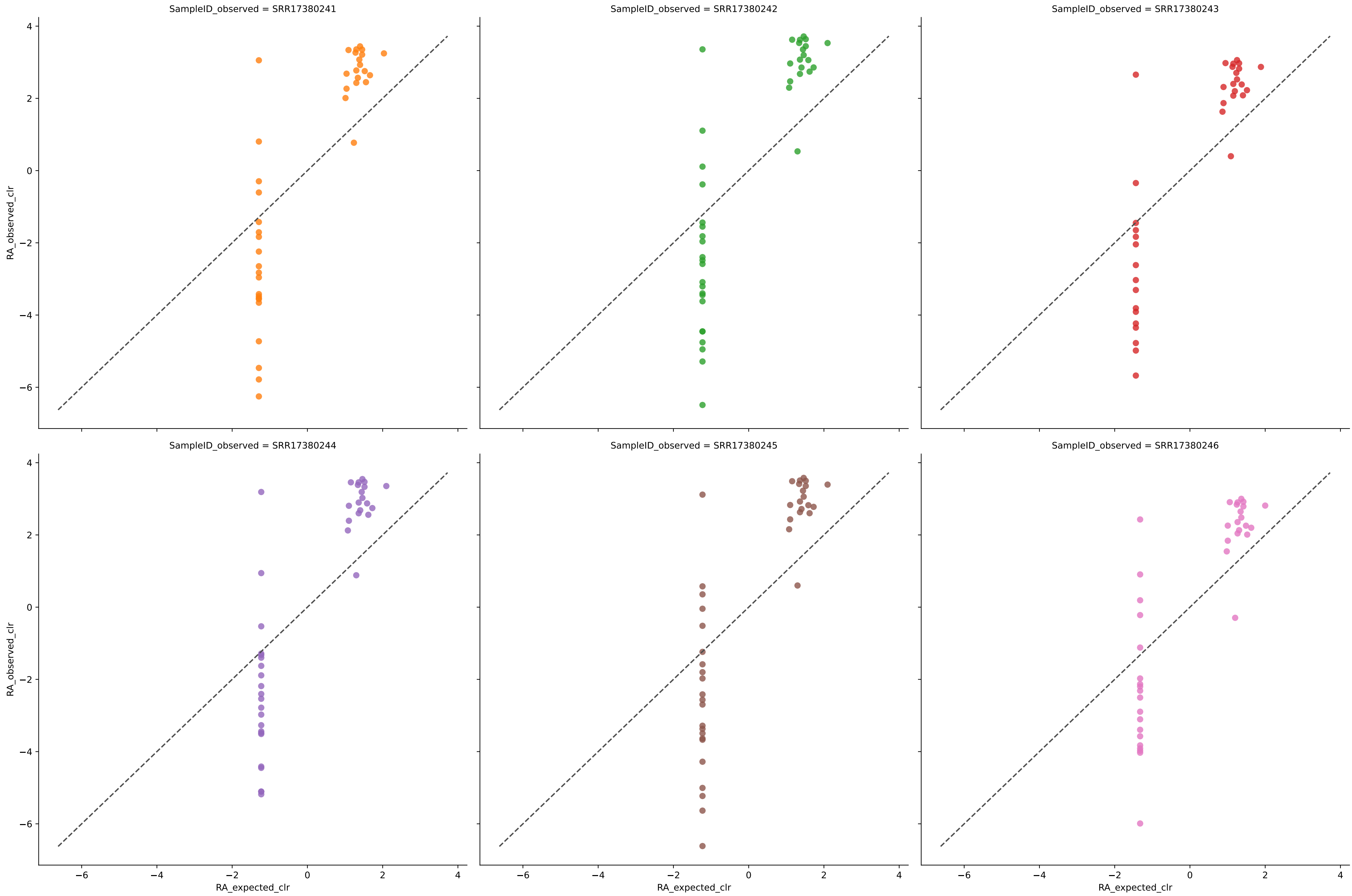
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	23	0.9610	0.0066	3.5363	0.9239	0.0181	95.2381	0.3265
jams	109	0.9545	0.0022	26.4585	0.8812	0.0087	90.4762	1.1095
wgsa	1629	0.7471	0.0003	75.6421	0.7843	0.0054	95.2381	4.3657
woltka	130	0.7678	0.0053	17.2586	0.6561	0.0181	76.1905	30.1296

Expected vs. Observed Relative Abundance for species using bio4 in Experiment tourlousse with filter 0



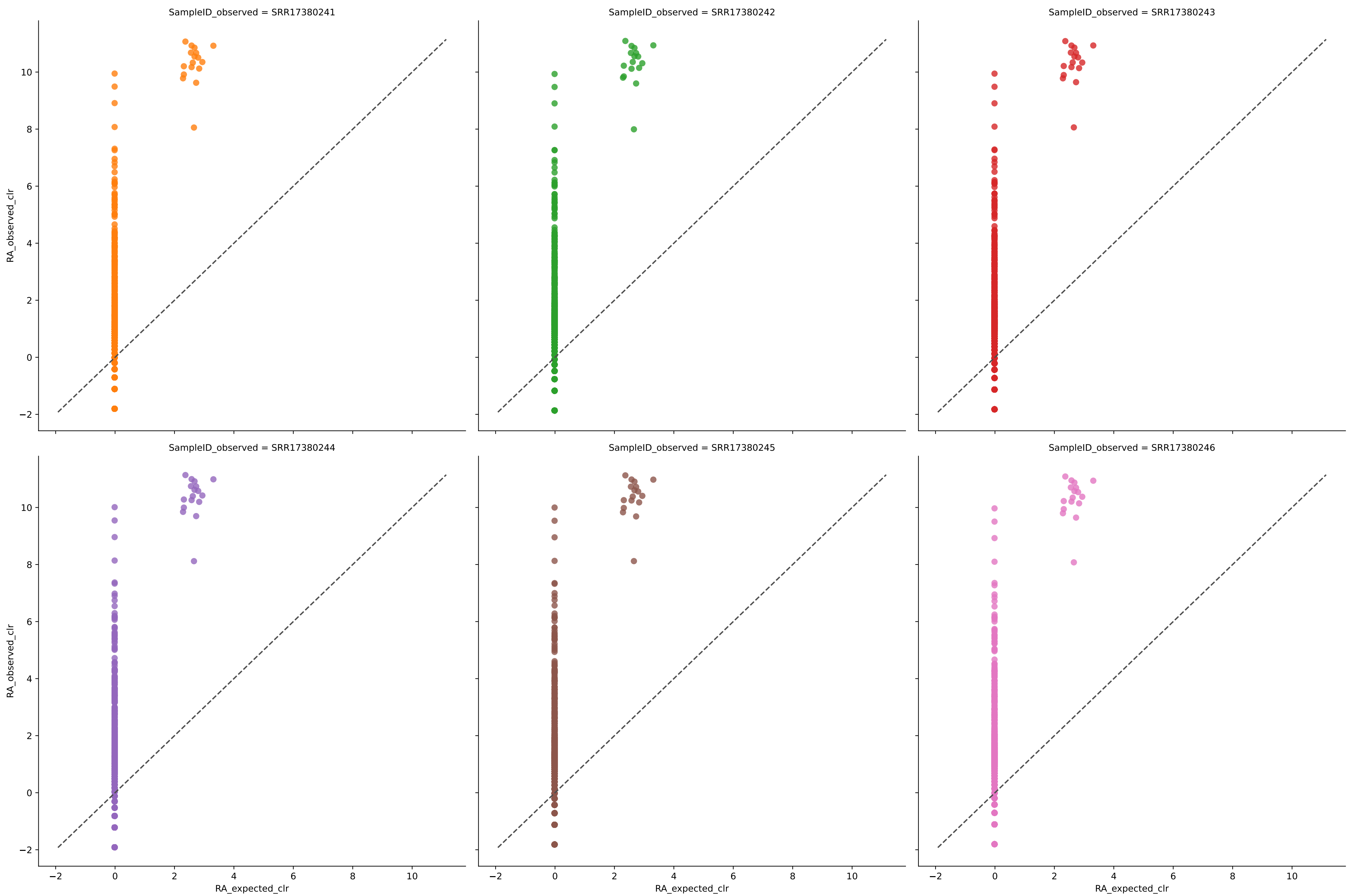
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	24	0.7167	0.0018	6.9206	0.8675	0.0031	100.0000	2.0709
SRR17380242	24	0.7189	0.0019	7.5479	0.8641	0.0030	100.0000	2.0928
SRR17380243	24	0.7253	0.0018	6.7596	0.8692	0.0030	100.0000	1.9979
SRR17380244	24	0.7150	0.0018	8.3137	0.8691	0.0031	100.0000	1.9960
SRR17380245	24	0.7210	0.0018	6.7387	0.8686	0.0030	100.0000	2.0268
SRR17380246	24	0.7198	0.0018	6.8349	0.8678	0.0030	100.0000	2.0683
Average	24	0.7194	0.0018	7.1859	0.8677	0.0030	100.0000	2.0421

Expected vs. Observed Relative Abundance for species using jams in Experiment tourlousse with filter 0



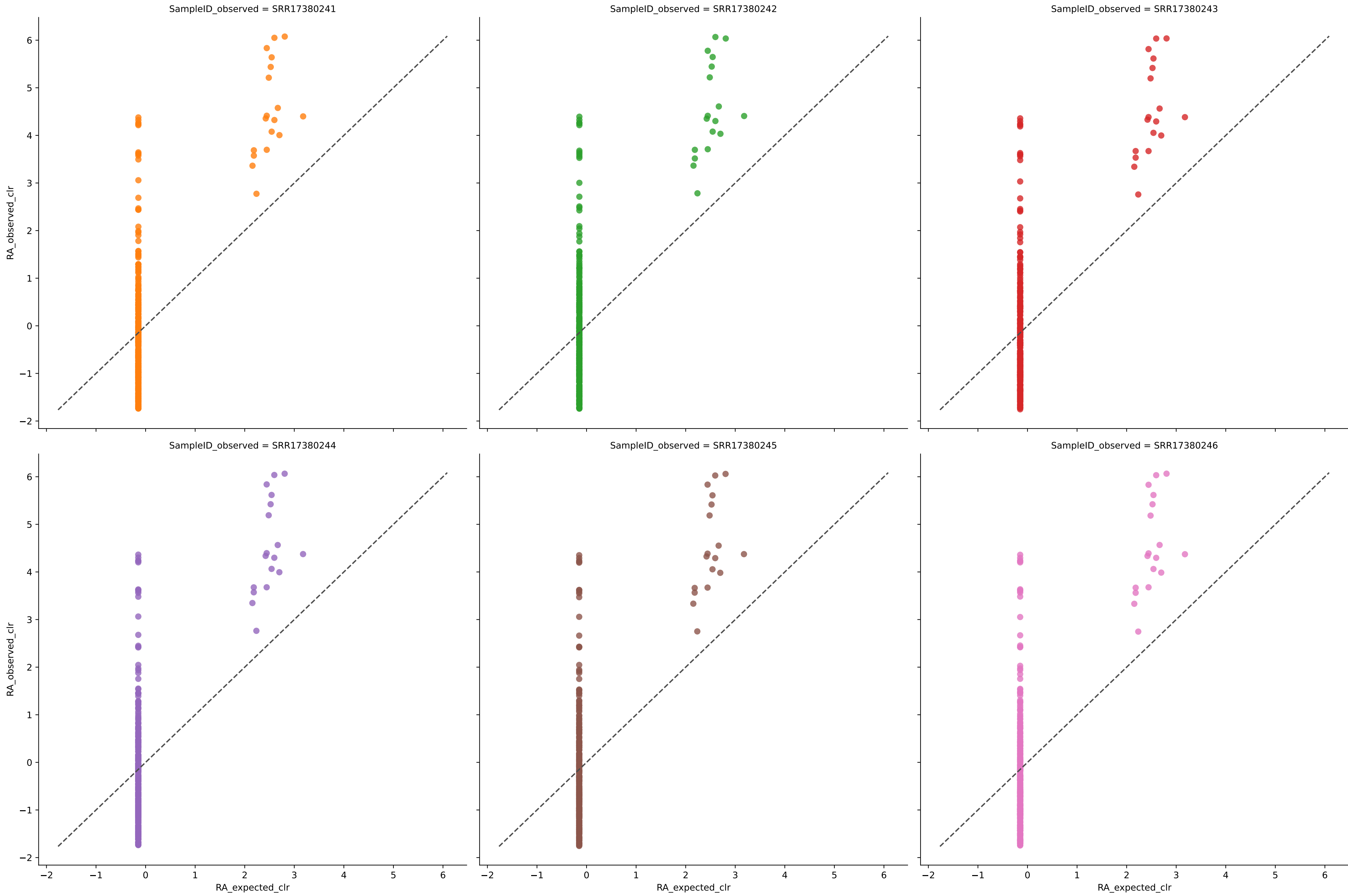
	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	39	0.6260	0.0019	13.2918	0.7773	0.0031	100.0000	1.1502
SRR17380242	41	0.6290	0.0018	14.3438	0.7752	0.0030	100.0000	1.1801
SRR17380243	35	0.5980	0.0021	11.3420	0.7798	0.0032	100.0000	1.0373
SRR17380244	41	0.6365	0.0018	12.9537	0.7775	0.0030	100.0000	1.1572
SRR17380245	41	0.6442	0.0018	14.0001	0.7764	0.0030	100.0000	1.0976
SRR17380246	38	0.6301	0.0020	10.8802	0.7737	0.0030	100.0000	1.1632
Average	39	0.6273	0.0019	12.8019	0.7766	0.0031	100.0000	1.1309

Expected vs. Observed Relative Abundance for species using wgsa in Experiment tourlousse with filter 0



	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	2999	0.7891	0.0000	83.8459	0.7712	0.0004	100.0000	1.6745
SRR17380242	3073	0.7867	0.0000	84.3642	0.7707	0.0003	100.0000	1.6382
SRR17380243	2978	0.7881	0.0000	83.7584	0.7712	0.0004	100.0000	1.6651
SRR17380244	3105	0.7906	0.0000	86.5880	0.7724	0.0003	100.0000	1.6561
SRR17380245	3064	0.7901	0.0000	85.5918	0.7724	0.0003	100.0000	1.6631
SRR17380246	3027	0.7901	0.0000	84.6579	0.7718	0.0004	100.0000	1.6697
Average	3041	0.7891	0.0000	84.8010	0.7716	0.0004	100.0000	1.6611

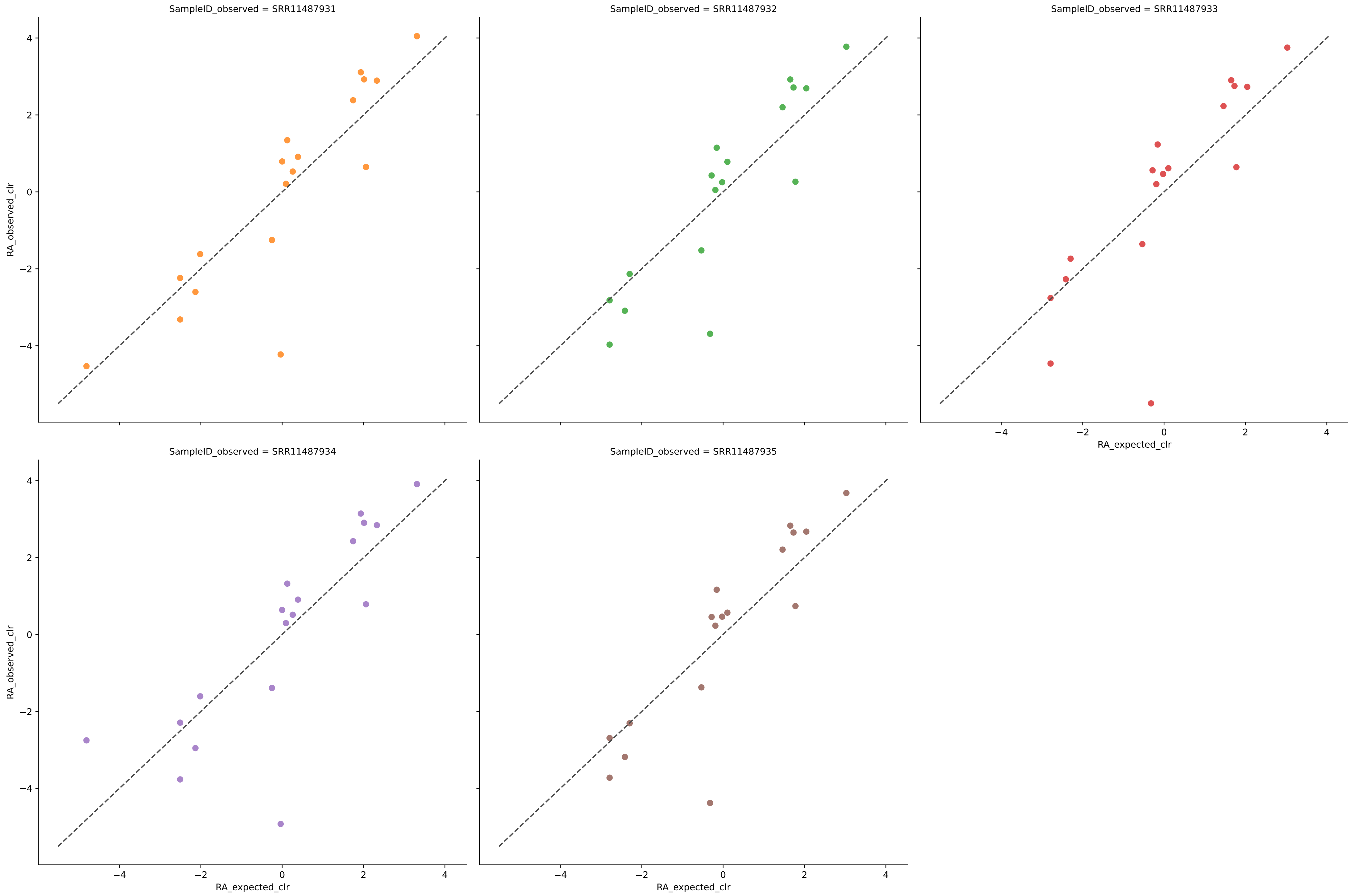
Expected vs. Observed Relative Abundance for species using woltka in Experiment toulrouse with filter 0



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	328	0.5101	0.0005	23.2527	0.5419	0.0017	100.0000	4.3193
SRR17380242	330	0.5140	0.0005	23.2722	0.5433	0.0016	100.0000	4.3728
SRR17380243	323	0.5105	0.0005	22.9629	0.5422	0.0017	100.0000	4.3155
SRR17380244	324	0.5079	0.0005	23.0450	0.5414	0.0017	100.0000	4.3051
SRR17380245	322	0.5077	0.0005	22.9938	0.5412	0.0017	100.0000	4.2976
SRR17380246	323	0.5077	0.0005	23.0808	0.5411	0.0017	100.0000	4.3100
Average	325	0.5097	0.0005	23.1012	0.5418	0.0017	100.0000	4.3200

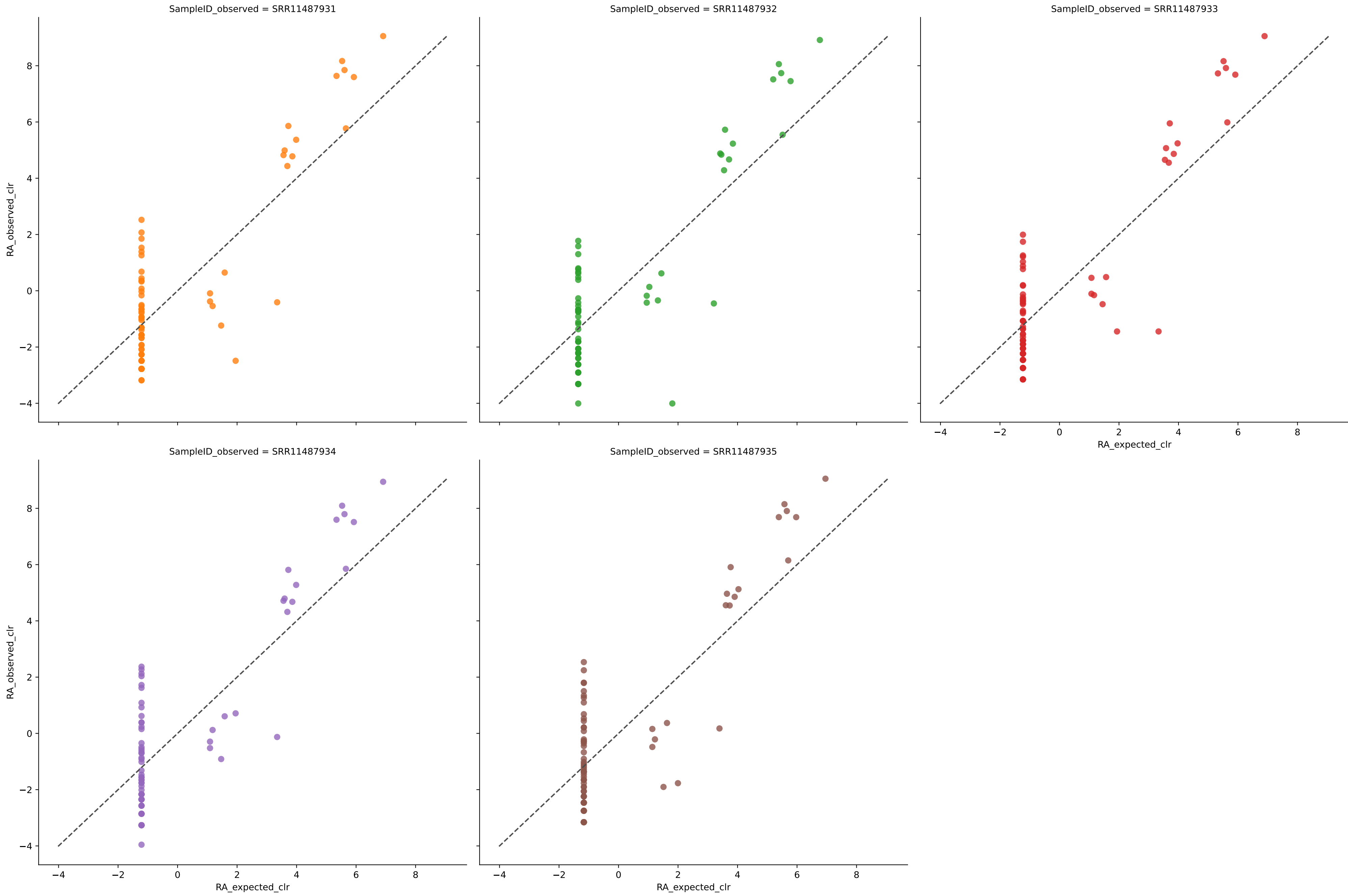


Expected vs. Observed Relative Abundance for species using bio4 in Experiment Amos hilo with filter 0



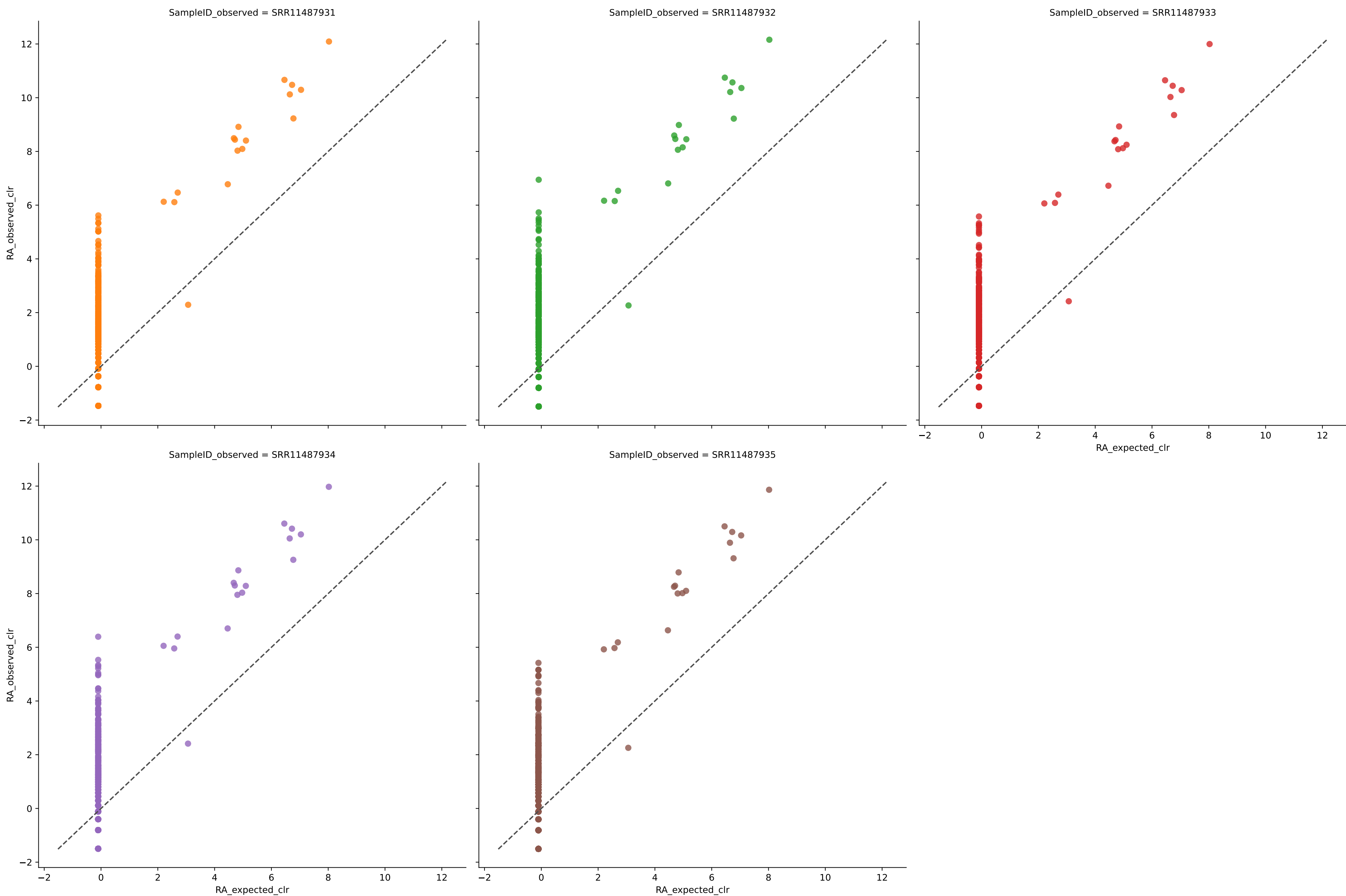
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	18	0.9157	0.0032	5.2605	0.8568	0.0059	100.0000	0.0015
SRR11487932	17	0.9028	0.0033	4.8354	0.8612	0.0062	100.0000	0.0000
SRR11487933	17	0.9066	0.0030	6.2762	0.8715	0.0058	100.0000	0.0000
SRR11487934	18	0.8966	0.0030	6.2508	0.8632	0.0060	100.0000	0.0095
SRR11487935	17	0.9113	0.0029	5.1244	0.8773	0.0056	100.0000	0.0000
Average	17	0.9066	0.0031	5.5495	0.8660	0.0059	100.0000	0.0022

Expected vs. Observed Relative Abundance for species using jams in Experiment Amos hilo with filter 0



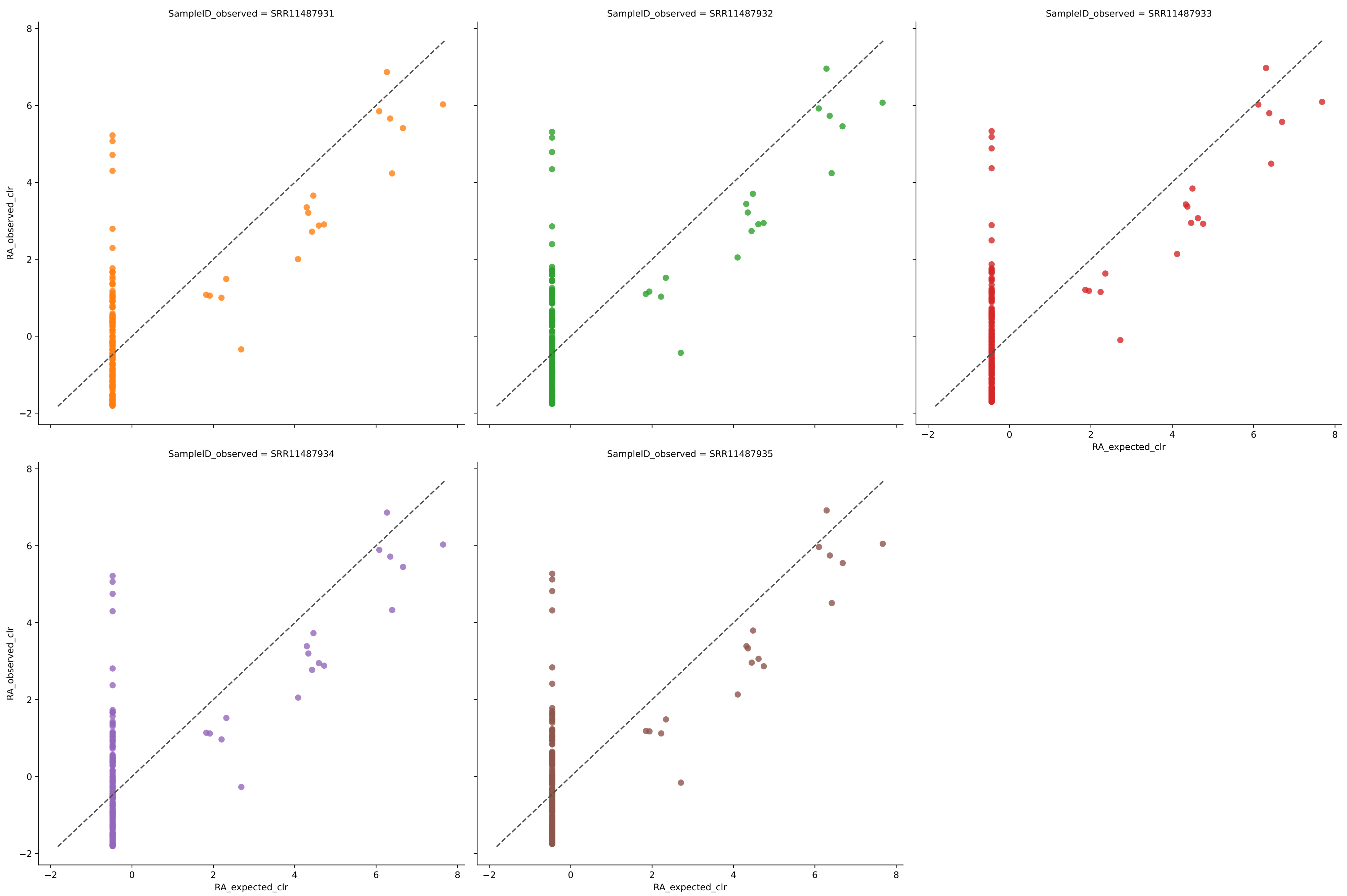
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	76	0.9164	0.0010	14.2781	0.8066	0.0033	100.0000	0.0568
SRR11487932	68	0.9113	0.0012	13.9015	0.8045	0.0036	100.0000	0.0391
SRR11487933	75	0.9217	0.0010	13.4032	0.8141	0.0032	100.0000	0.0400
SRR11487934	76	0.9154	0.0010	14.5752	0.8077	0.0033	94.7368	0.0735
SRR11487935	79	0.9268	0.0009	14.9581	0.8165	0.0030	100.0000	0.0658
Average	75	0.9183	0.0010	14.2232	0.8098	0.0033	98.9474	0.0550

Expected vs. Observed Relative Abundance for species using wgsa in Experiment Amos hilo with filter 0



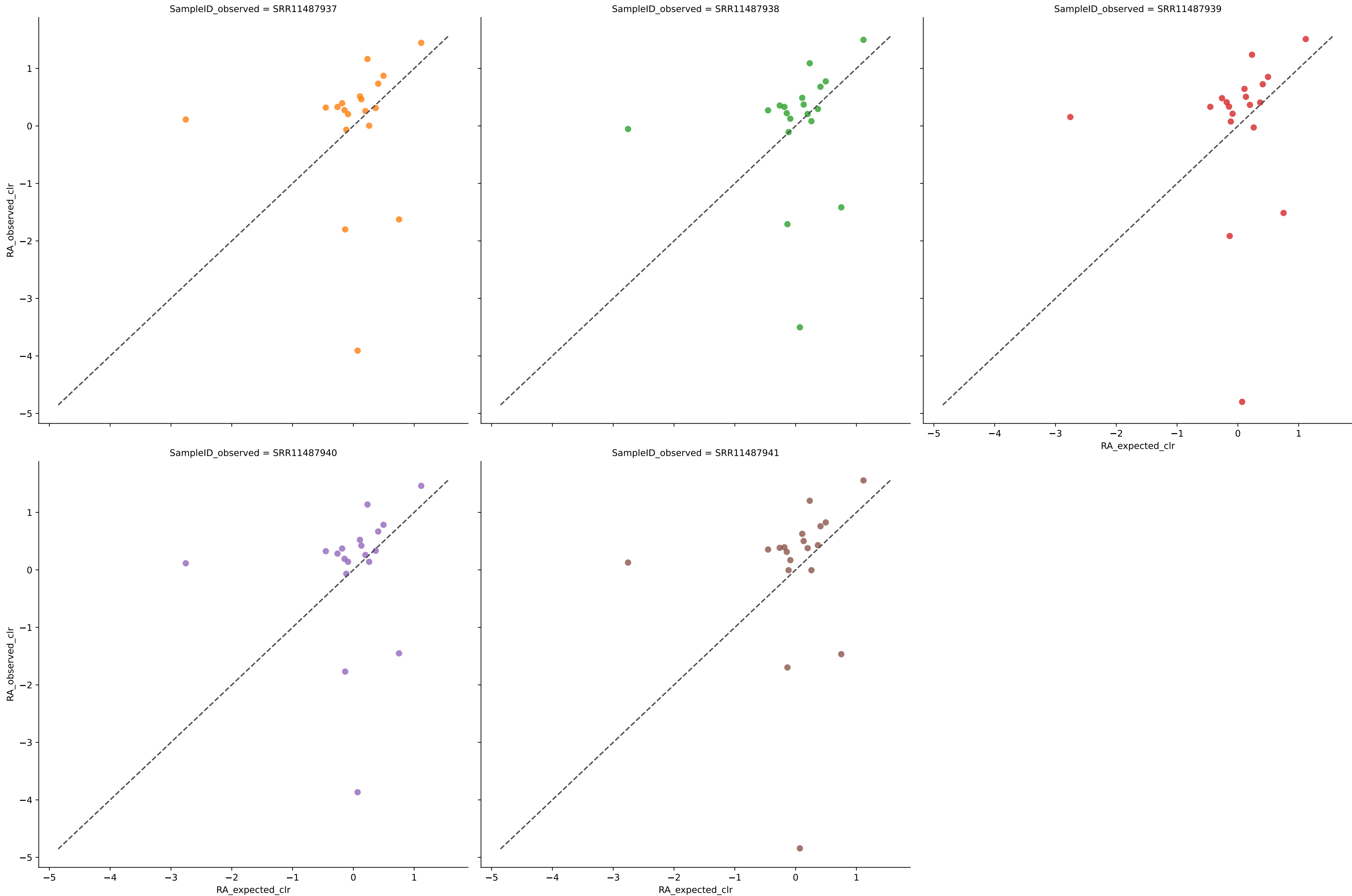
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	926	0.9199	0.0001	49.6389	0.8081	0.0011	100.0000	0.2694
SRR11487932	952	0.9190	0.0001	50.6412	0.8072	0.0011	100.0000	0.3062
SRR11487933	933	0.9279	0.0001	48.6334	0.8179	0.0010	100.0000	0.2666
SRR11487934	880	0.9248	0.0001	48.3883	0.8136	0.0011	100.0000	0.2957
SRR11487935	869	0.9309	0.0001	46.8386	0.8218	0.0010	100.0000	0.2705
Average	912	0.9245	0.0001	48.8281	0.8137	0.0011	100.0000	0.2817

Expected vs. Observed Relative Abundance for species using wol in Experiment Amos hilo with filter 0



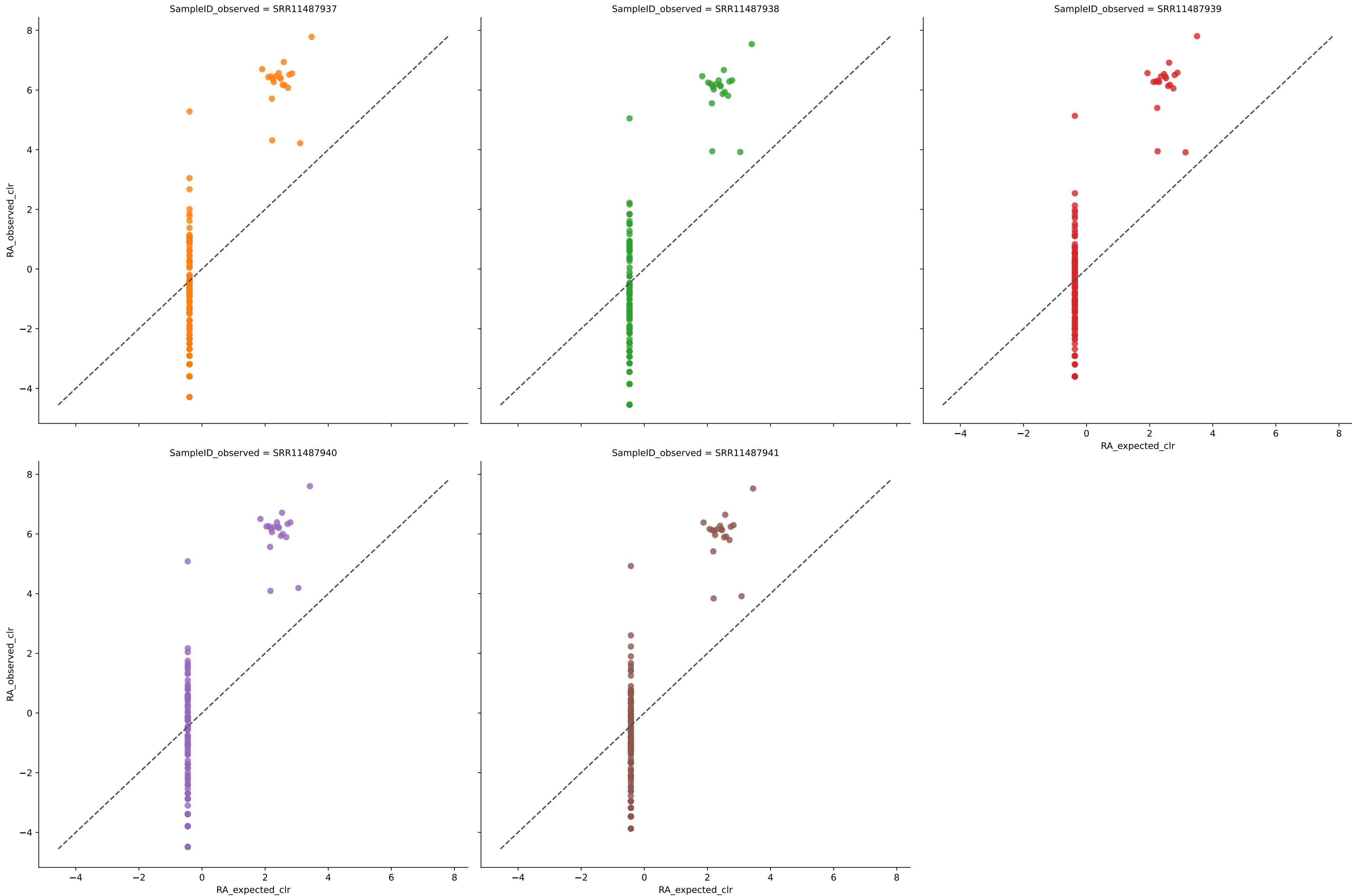
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	188	0.3997	0.0010	18.0867	0.5343	0.0051	100.0000	4.5266
SRR11487932	196	0.3846	0.0010	18.4624	0.5265	0.0051	100.0000	4.5670
SRR11487933	205	0.3945	0.0009	18.6242	0.5346	0.0049	100.0000	4.5228
SRR11487934	189	0.4066	0.0010	18.0536	0.5407	0.0050	100.0000	4.4647
SRR11487935	198	0.4010	0.0009	18.2778	0.5399	0.0049	100.0000	4.4699
Average	195	0.3973	0.0010	18.3009	0.5352	0.0050	100.0000	4.5102

Expected vs. Observed Relative Abundance for species using bio4 in Experiment Amos mixed with filter 0



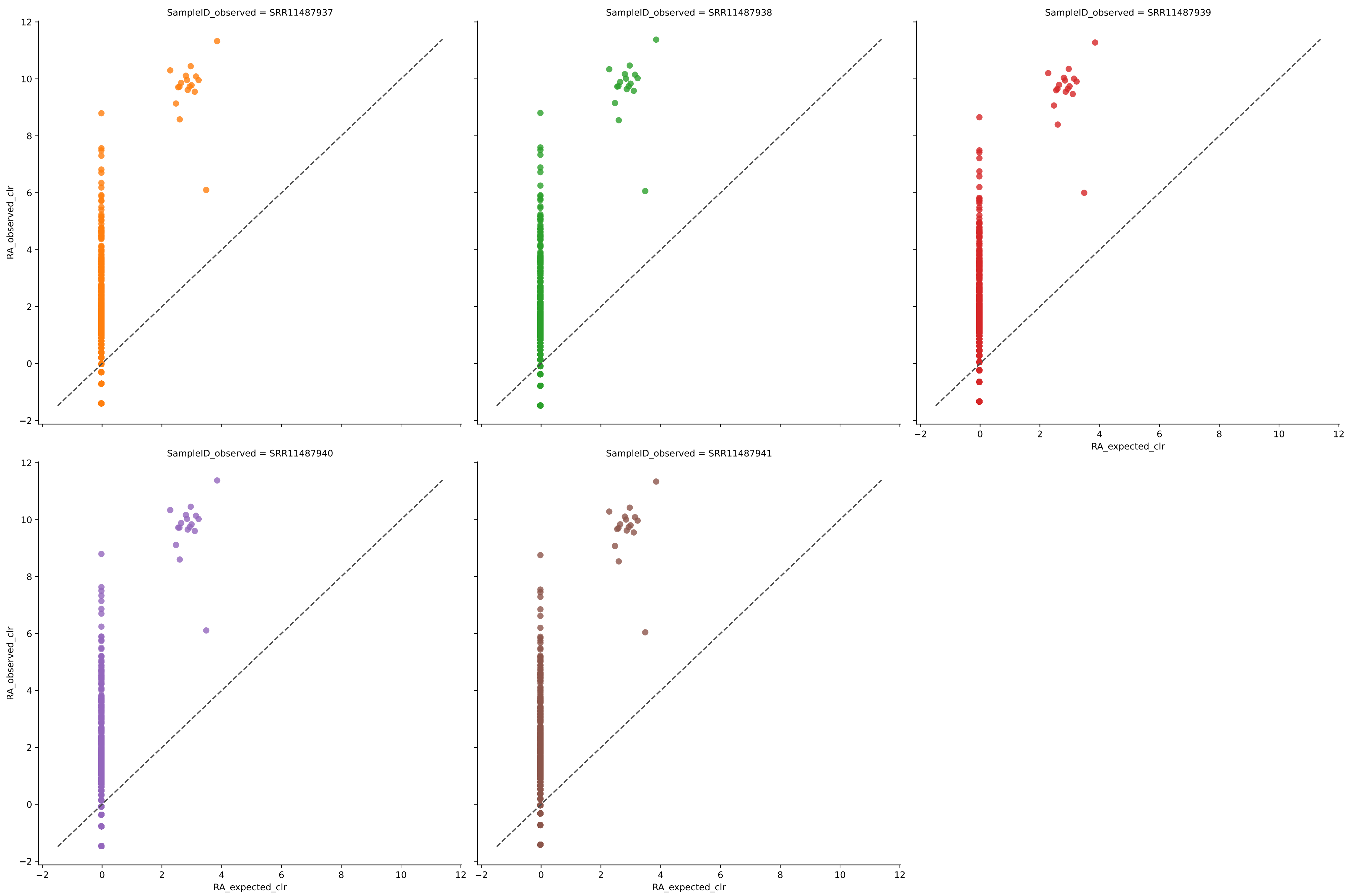
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	19	0.2750	0.0046	5.9654	0.7820	0.0062	100.0000	0.7960
SRR11487938	19	0.3349	0.0044	5.4644	0.7892	0.0060	100.0000	0.6985
SRR11487939	19	0.2702	0.0045	6.6548	0.7857	0.0062	100.0000	0.7874
SRR11487940	19	0.2963	0.0043	5.8315	0.7928	0.0061	100.0000	0.8118
SRR11487941	19	0.3061	0.0044	6.5860	0.7880	0.0061	100.0000	0.7704
Average	19	0.2965	0.0045	6.1004	0.7876	0.0061	100.0000	0.7728

Expected vs. Observed Relative Abundance for species using jams in Experiment Amos mixed with filter 0



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	139	0.7613	0.0006	25.5820	0.7865	0.0022	100.0000	0.5295
SRR11487938	118	0.7547	0.0007	24.6078	0.7861	0.0024	100.0000	0.5195
SRR11487939	149	0.7593	0.0006	24.8153	0.7904	0.0021	100.0000	0.4815
SRR11487940	122	0.7617	0.0007	25.1788	0.7894	0.0023	100.0000	0.5060
SRR11487941	130	0.7604	0.0006	23.7012	0.7892	0.0023	100.0000	0.5113
Average	132	0.7595	0.0006	24.7770	0.7883	0.0023	100.0000	0.5096

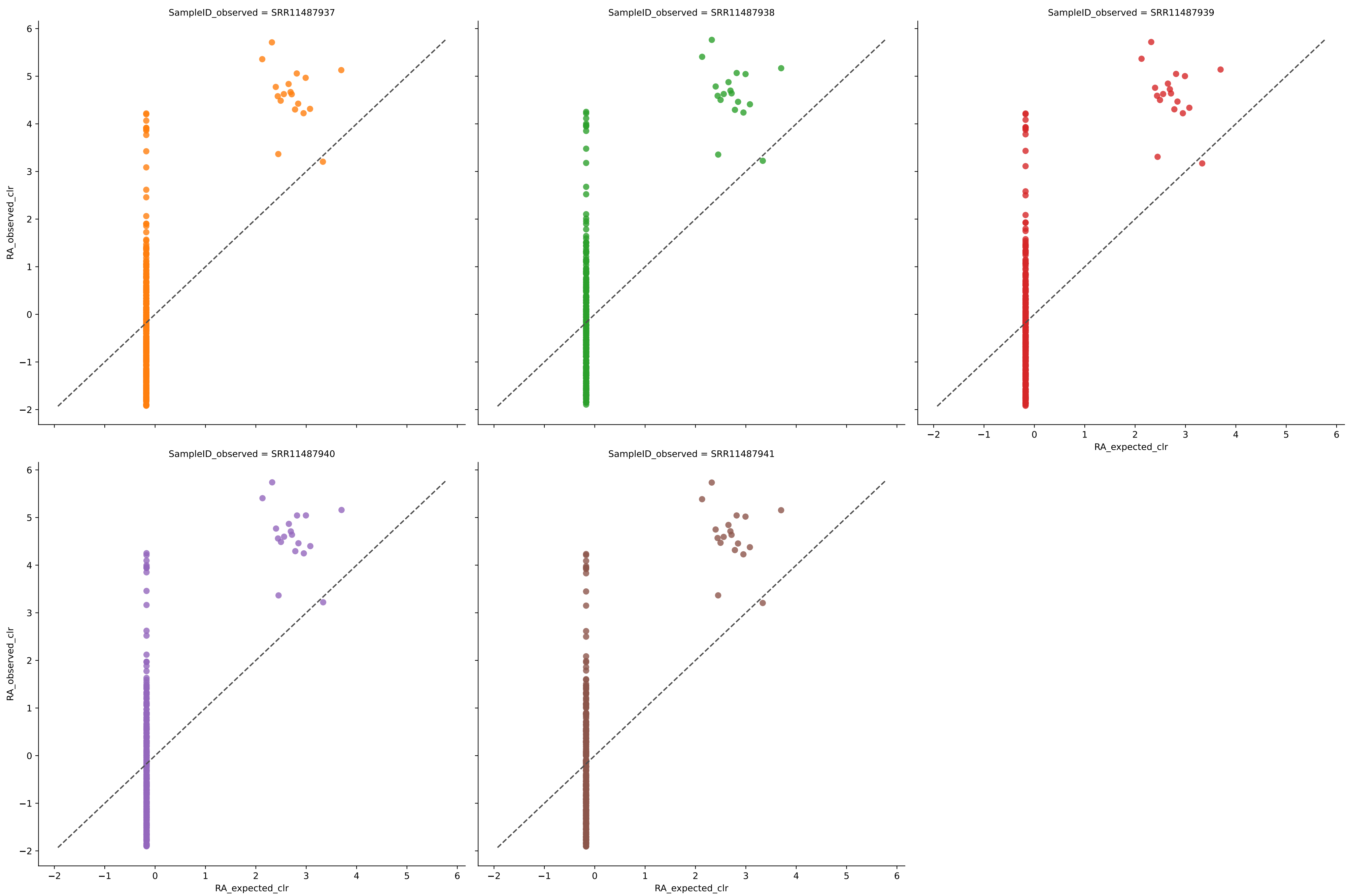
Expected vs. Observed Relative Abundance for species using wgsa in Experiment Amos mixed with filter 0



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	2111	0.7551	0.0000	70.2927	0.7616	0.0006	100.0000	1.2129
SRR11487938	2150	0.7536	0.0000	71.3404	0.7620	0.0006	100.0000	1.1805
SRR11487939	2079	0.7547	0.0000	68.9639	0.7617	0.0006	100.0000	1.1899
SRR11487940	2161	0.7552	0.0000	70.7606	0.7626	0.0006	100.0000	1.2225
SRR11487941	2154	0.7552	0.0000	70.1019	0.7632	0.0006	100.0000	1.1790
Average	2131	0.7548	0.0000	70.2919	0.7622	0.0006	100.0000	1.1970



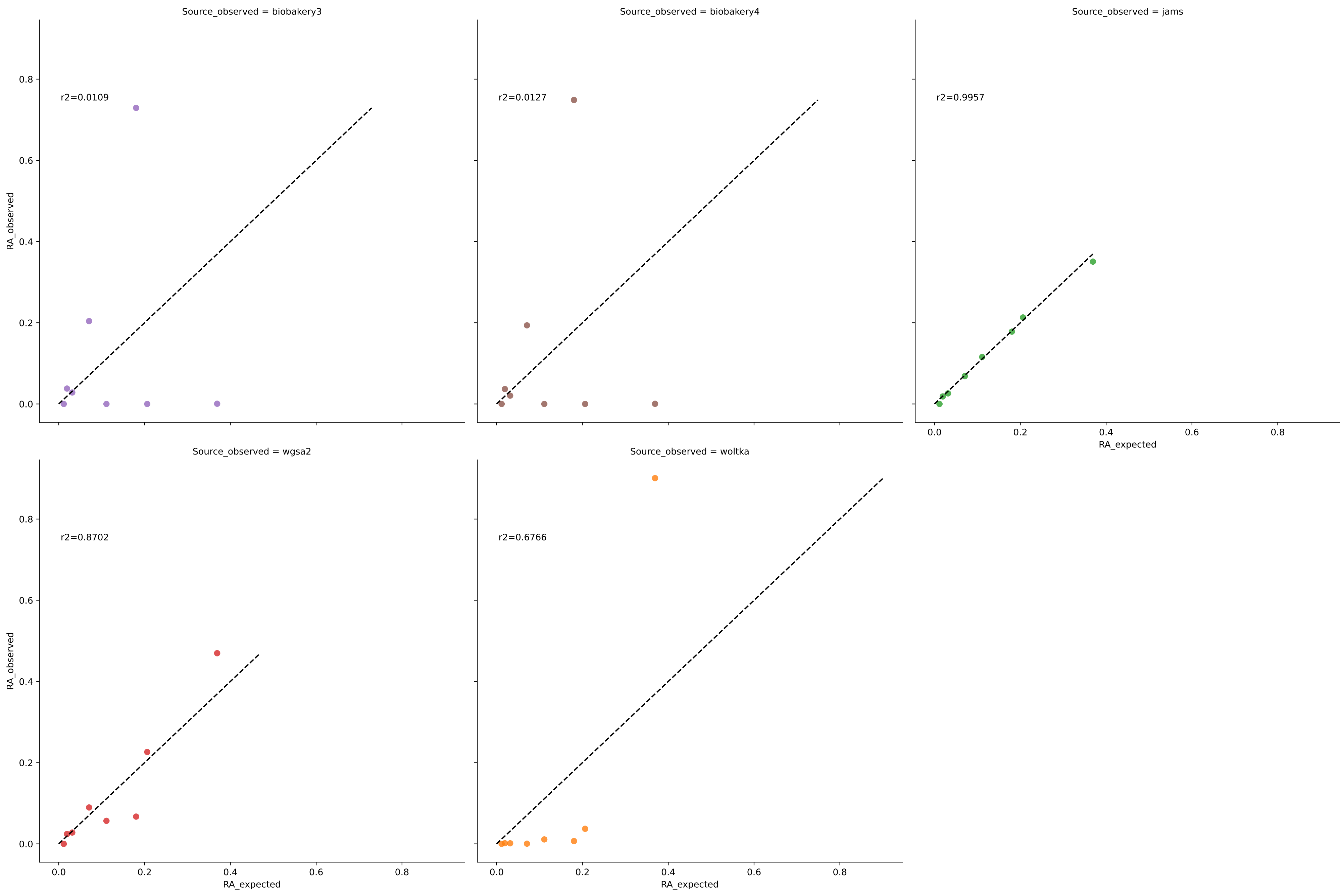
Expected vs. Observed Relative Abundance for species using wol in Experiment Amos mixed with filter 0



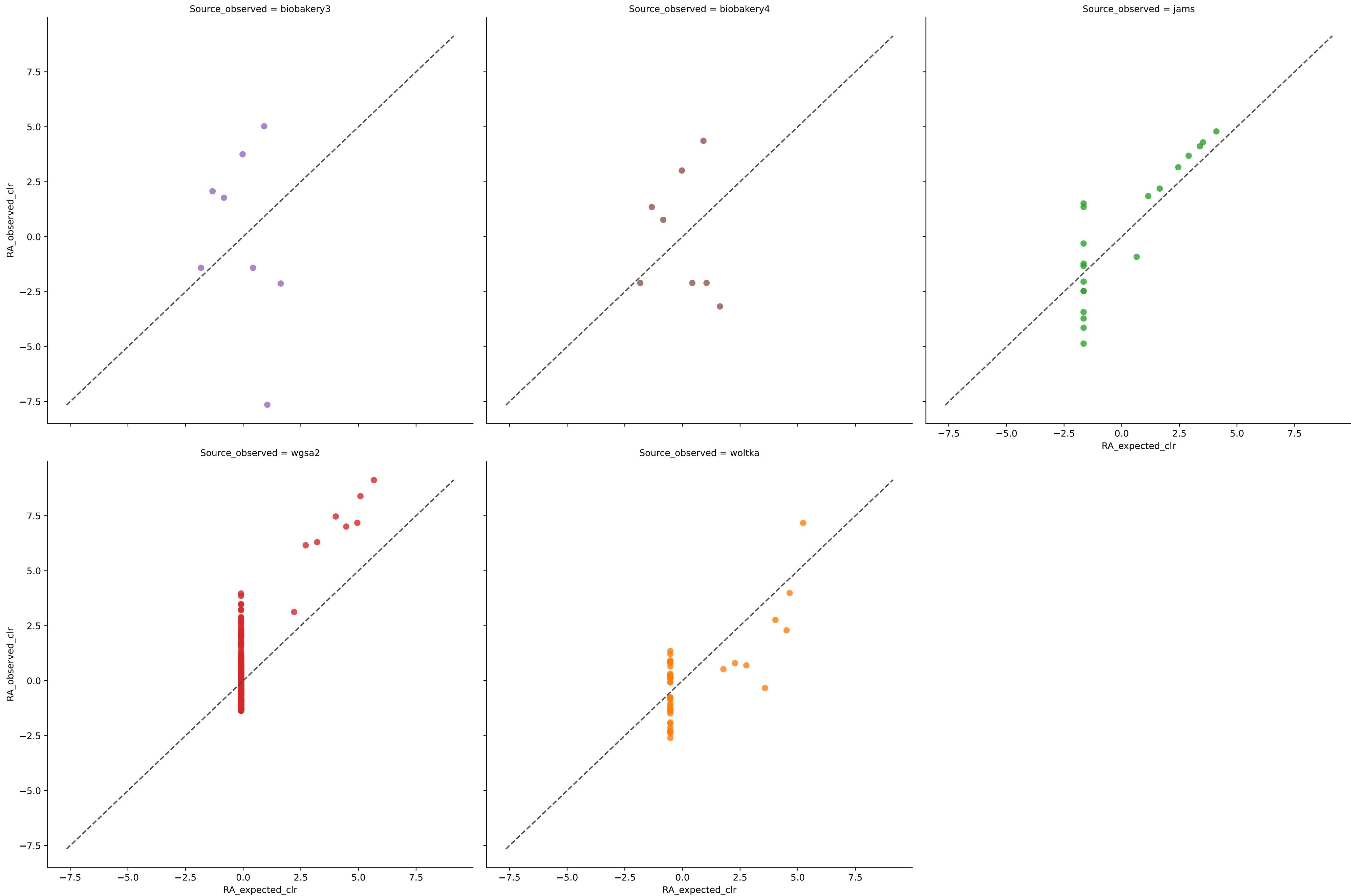
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	299	0.5239	0.0005	22.6633	0.6046	0.0020	100.0000	5.4872
SRR11487938	308	0.5187	0.0005	23.2156	0.5988	0.0020	100.0000	5.5973
SRR11487939	300	0.5257	0.0005	22.8387	0.6062	0.0020	100.0000	5.4916
SRR11487940	308	0.5221	0.0005	23.1817	0.5992	0.0020	100.0000	5.6129
SRR11487941	306	0.5230	0.0005	23.0503	0.6006	0.0020	100.0000	5.5965
Average	304	0.5227	0.0005	22.9899	0.6019	0.0020	100.0000	5.5571



# Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 1e-05)

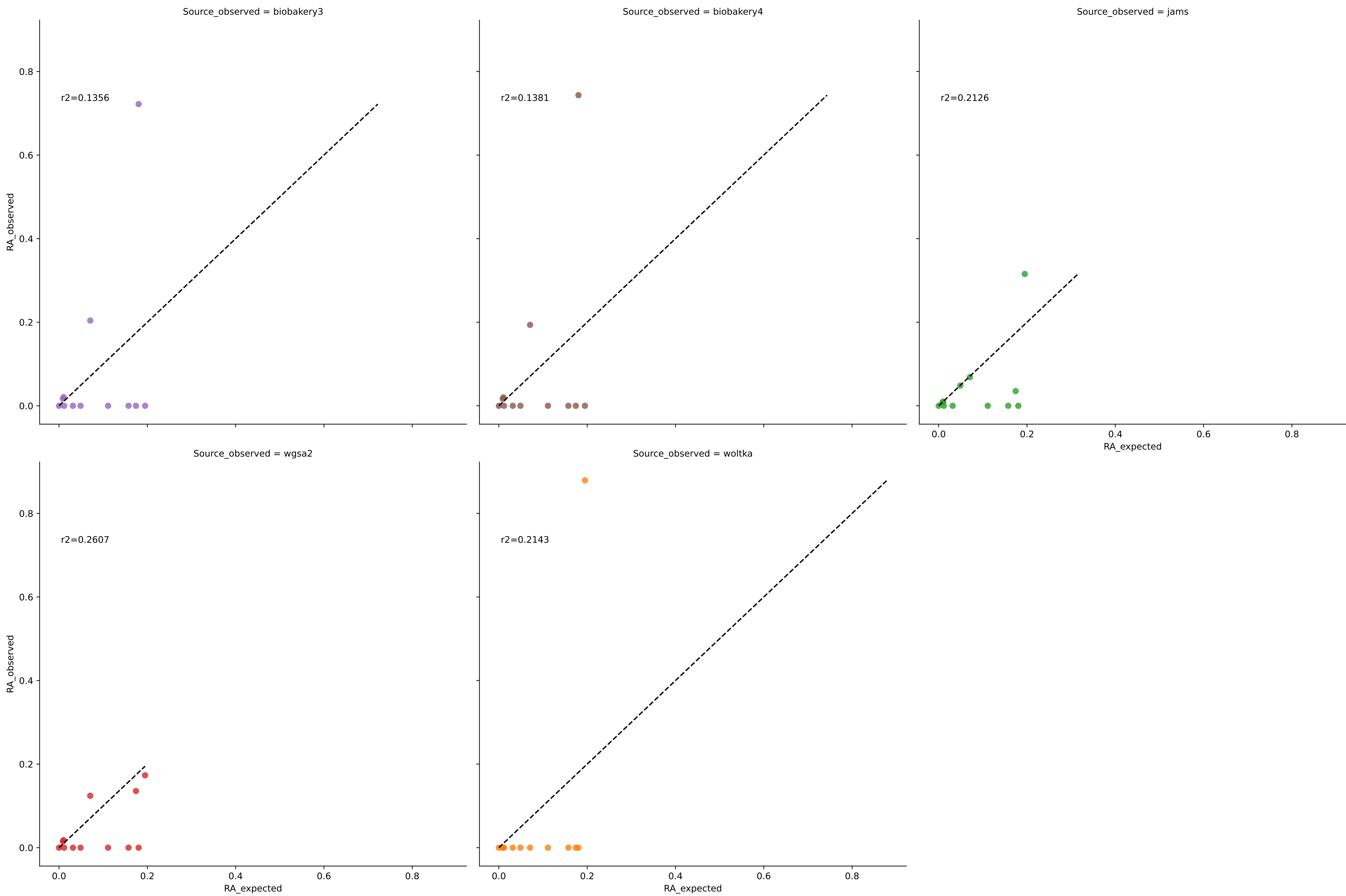


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 1e-05)

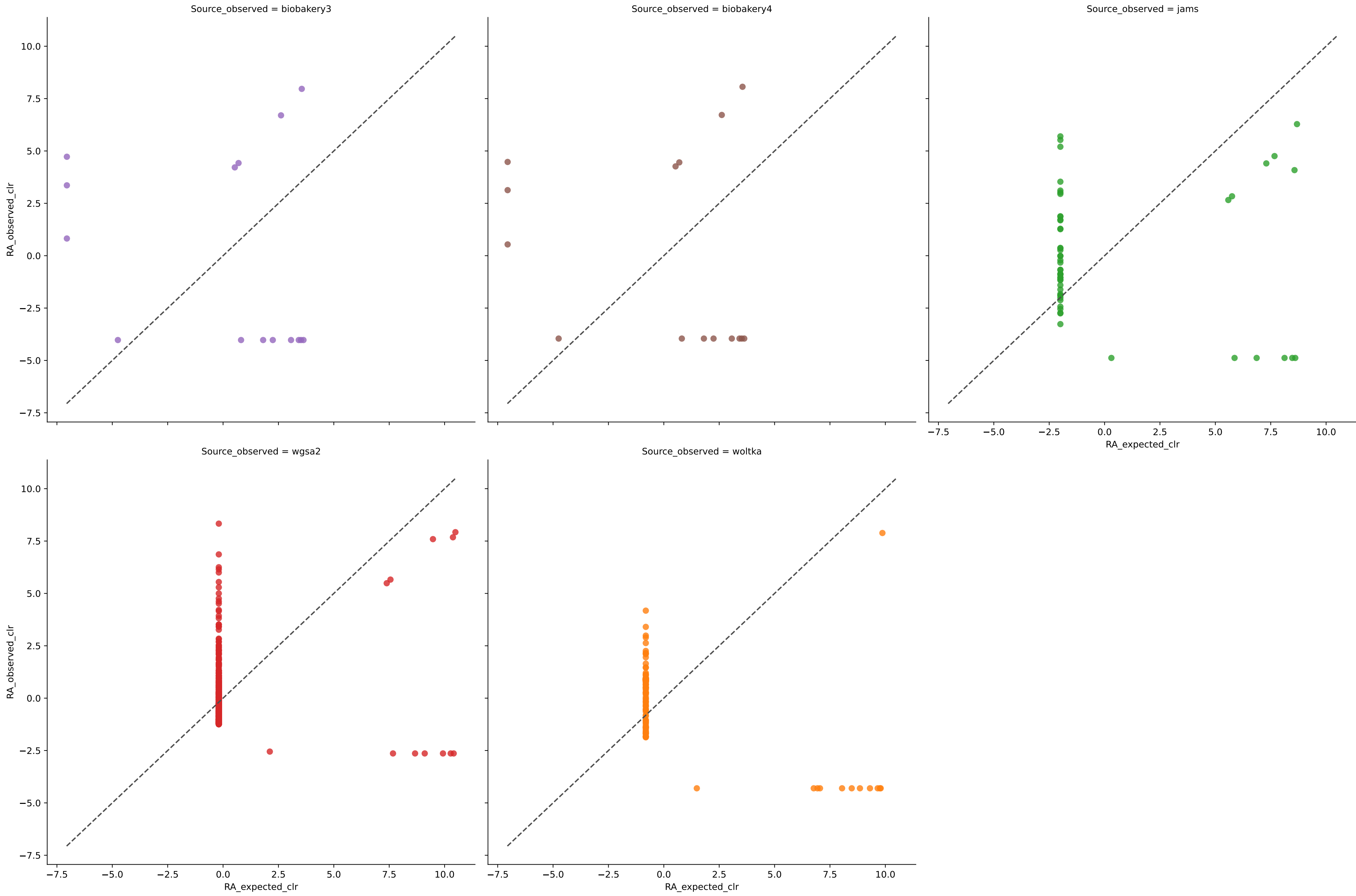


	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.0109	0.1752	11.9443	0.2991	0.2526	75.0000	0.0000
biobakery4	8	0.0127	0.1772	8.3828	0.2912	0.2573	62.5000	0.0000
jams	20	0.9958	0.0041	7.2429	0.9593	0.0067	87.5000	2.9349
wgsa2	364	0.9102	0.0010	22.1997	0.8172	0.0086	87.5000	3.8441
woltka	63	0.6255	0.0182	9.7162	0.4276	0.0753	87.5000	4.0960

# Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 1e-05)

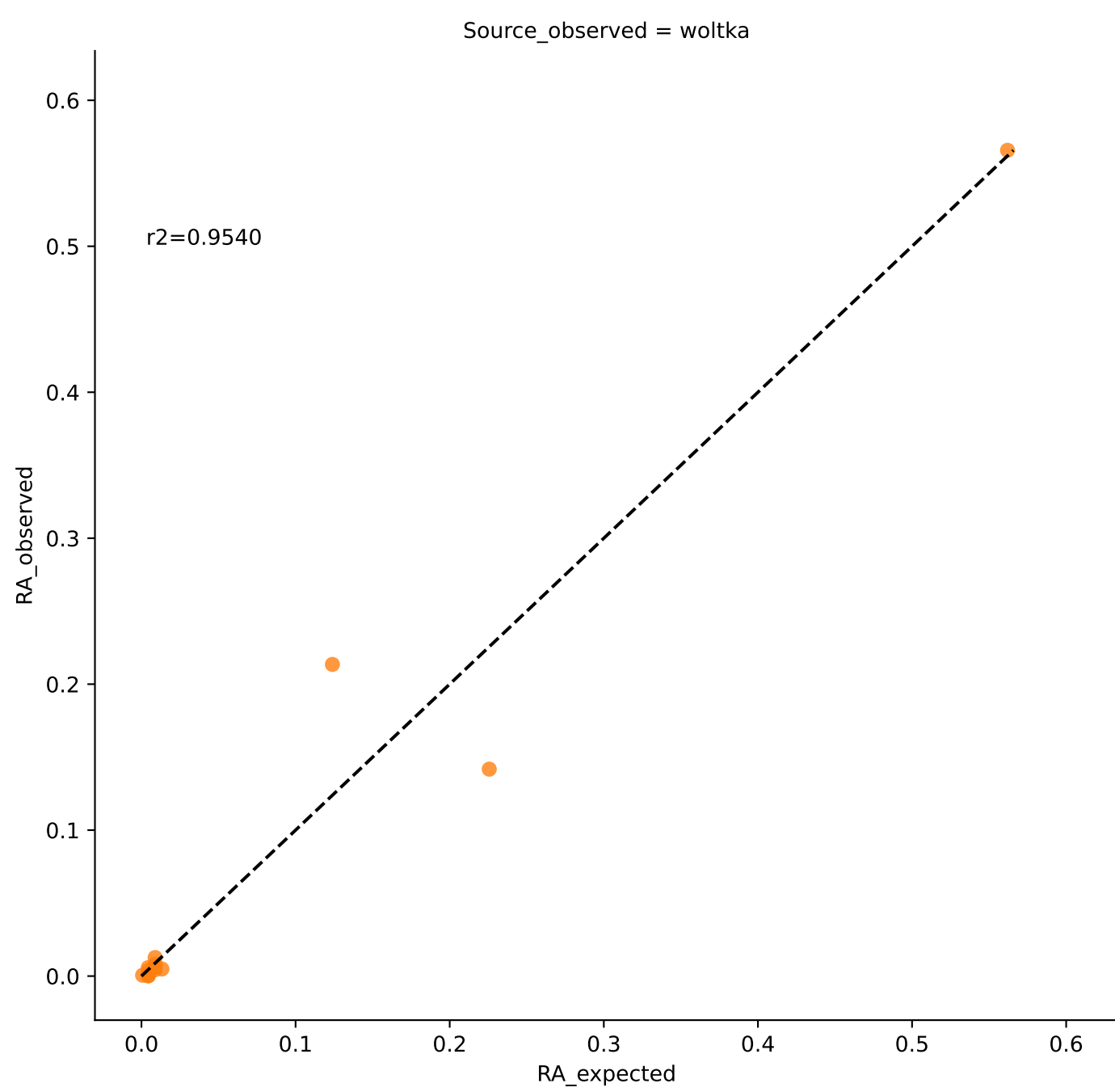
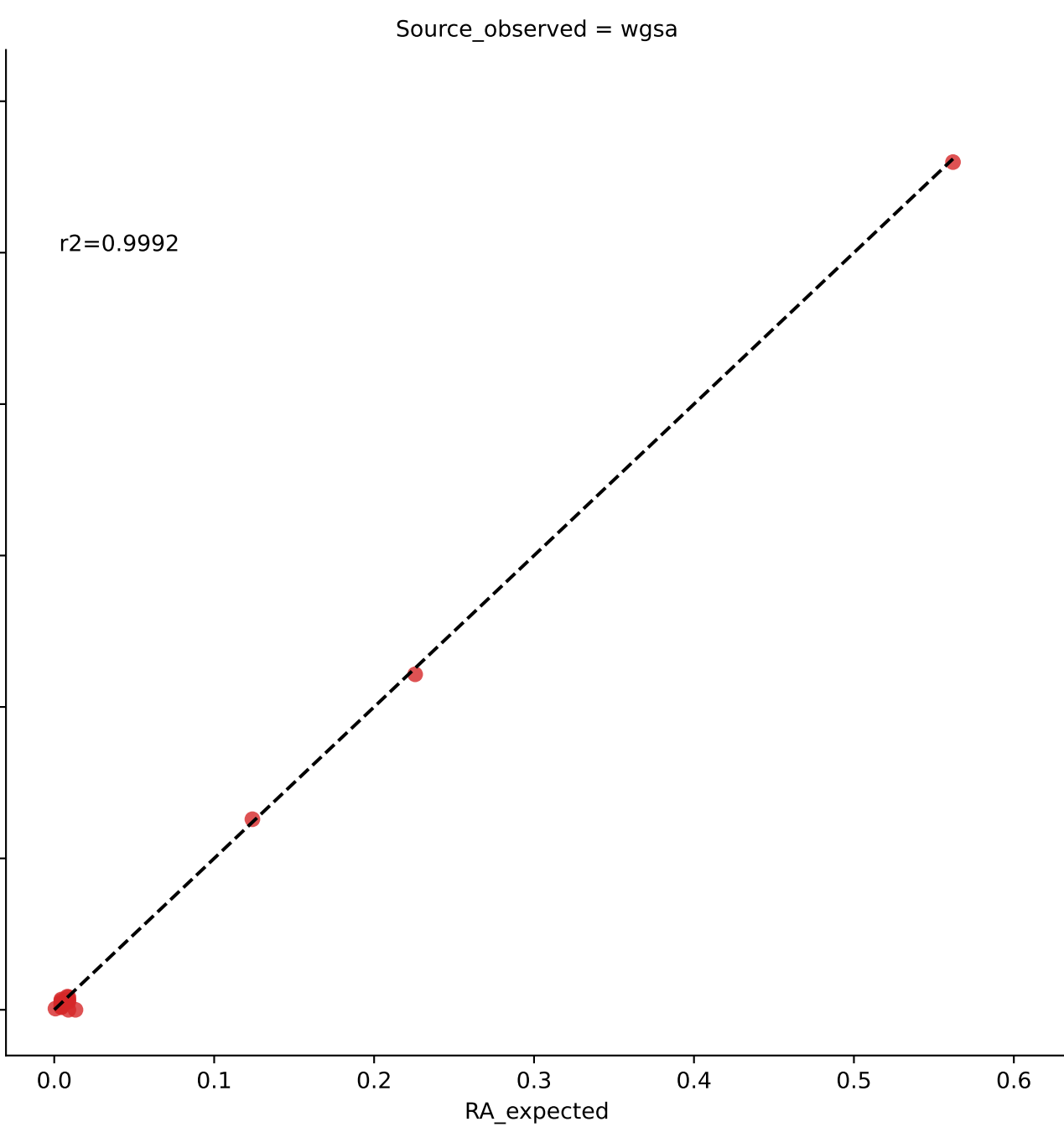
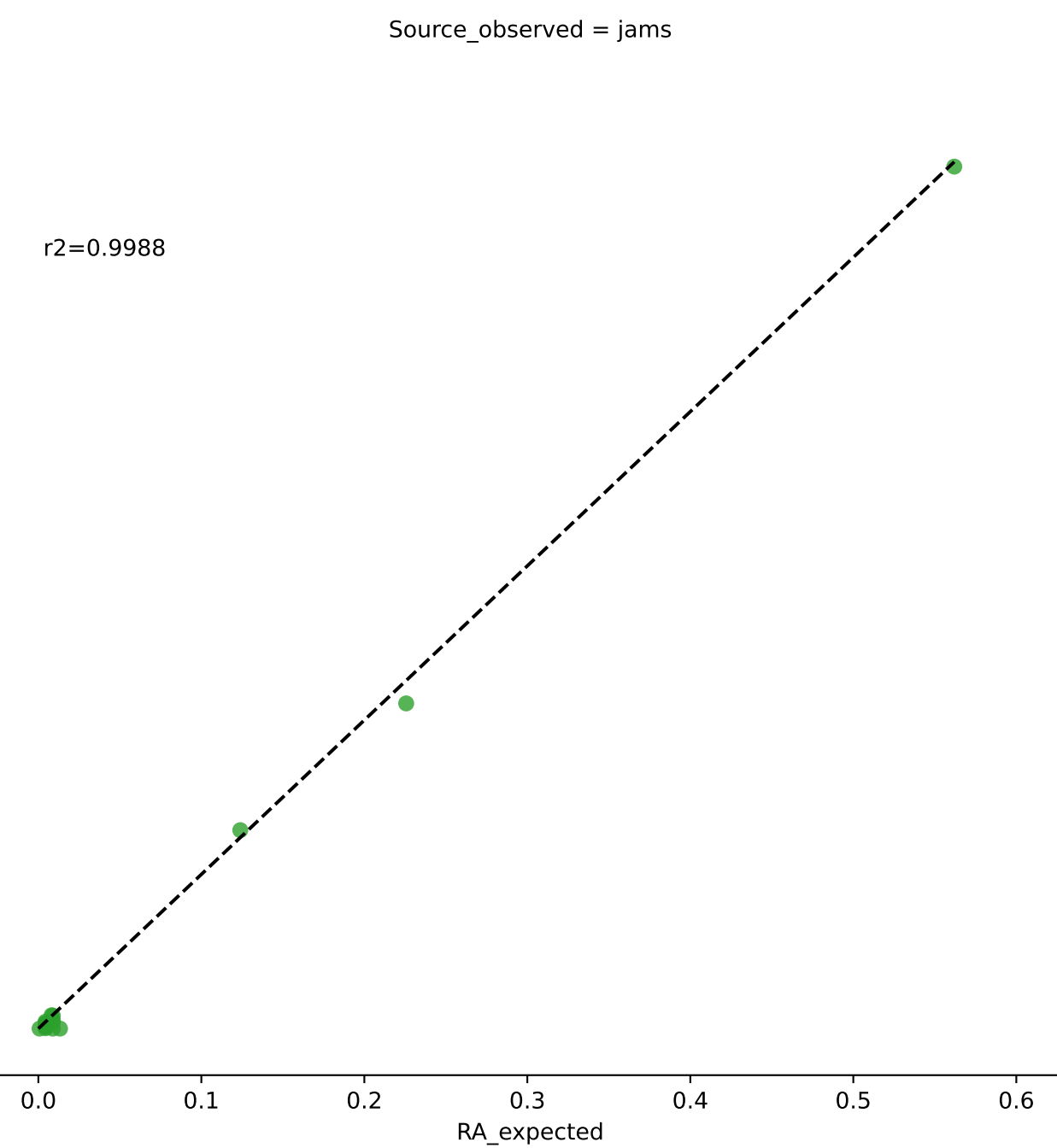
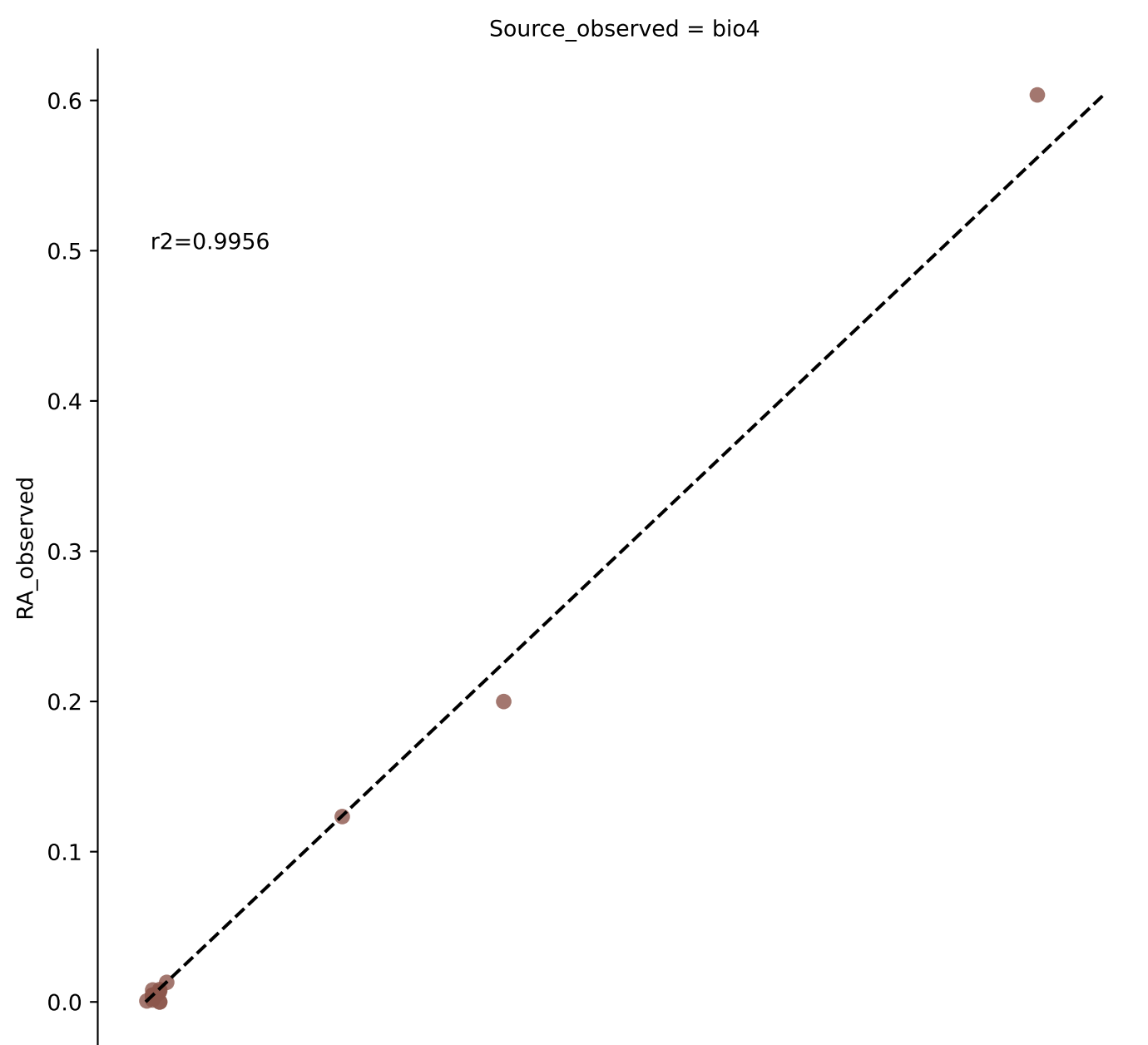


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 1e-05)

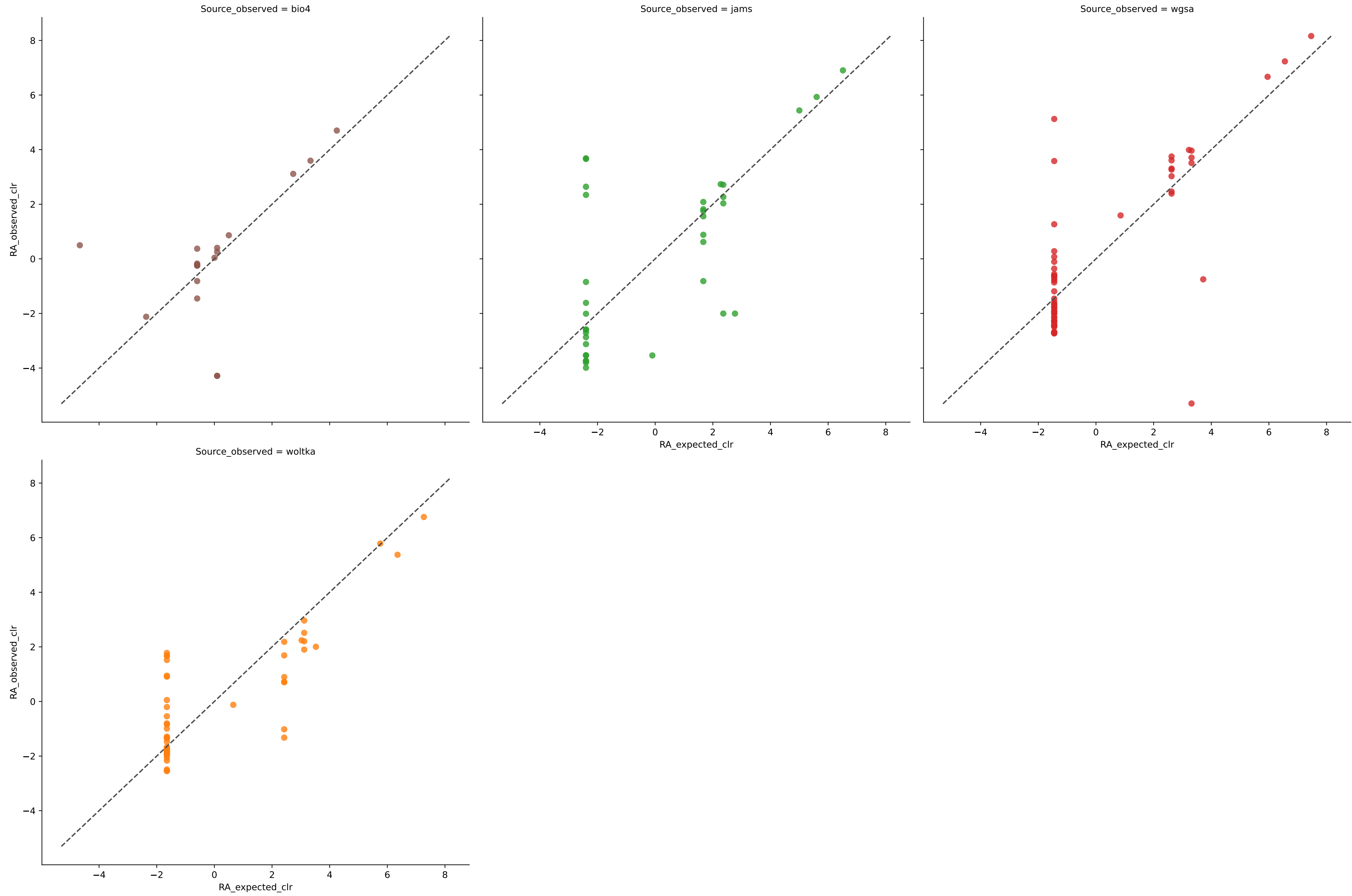


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	15	0.1539	0.0973	26.2902	0.2702	0.1676	33.3333	3.6044
biobakery4	15	0.1578	0.0973	25.9132	0.2702	0.1716	33.3333	2.6303
jams	53	0.1596	0.0239	35.5864	0.3655	0.0566	50.0000	51.3971
wgsa2	550	0.2104	0.0022	43.3137	0.3987	0.0167	50.0000	53.3737
woltka	130	0.2516	0.0124	44.8238	0.1949	0.0667	8.3333	12.0865

# Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 1e-05)

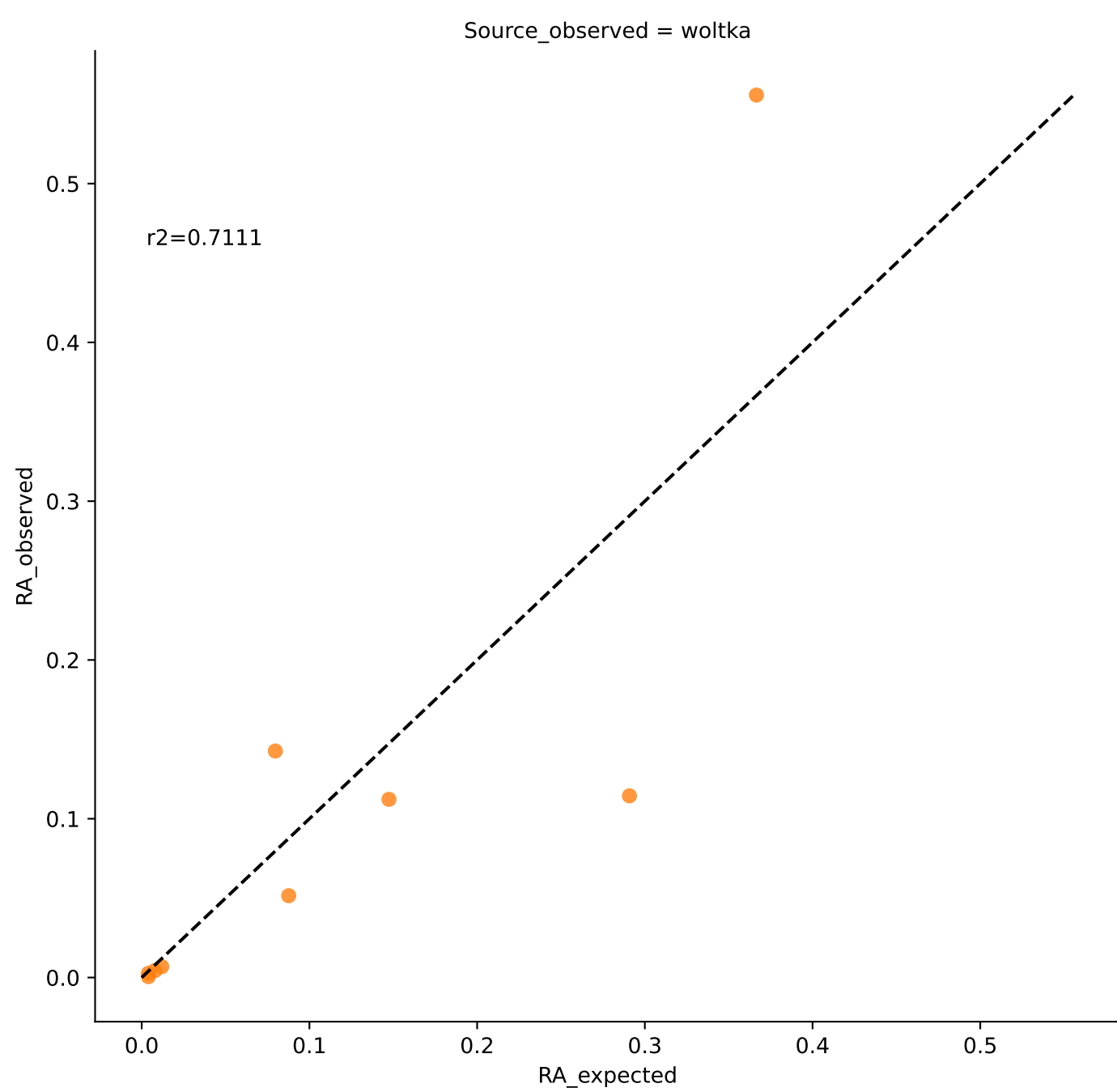
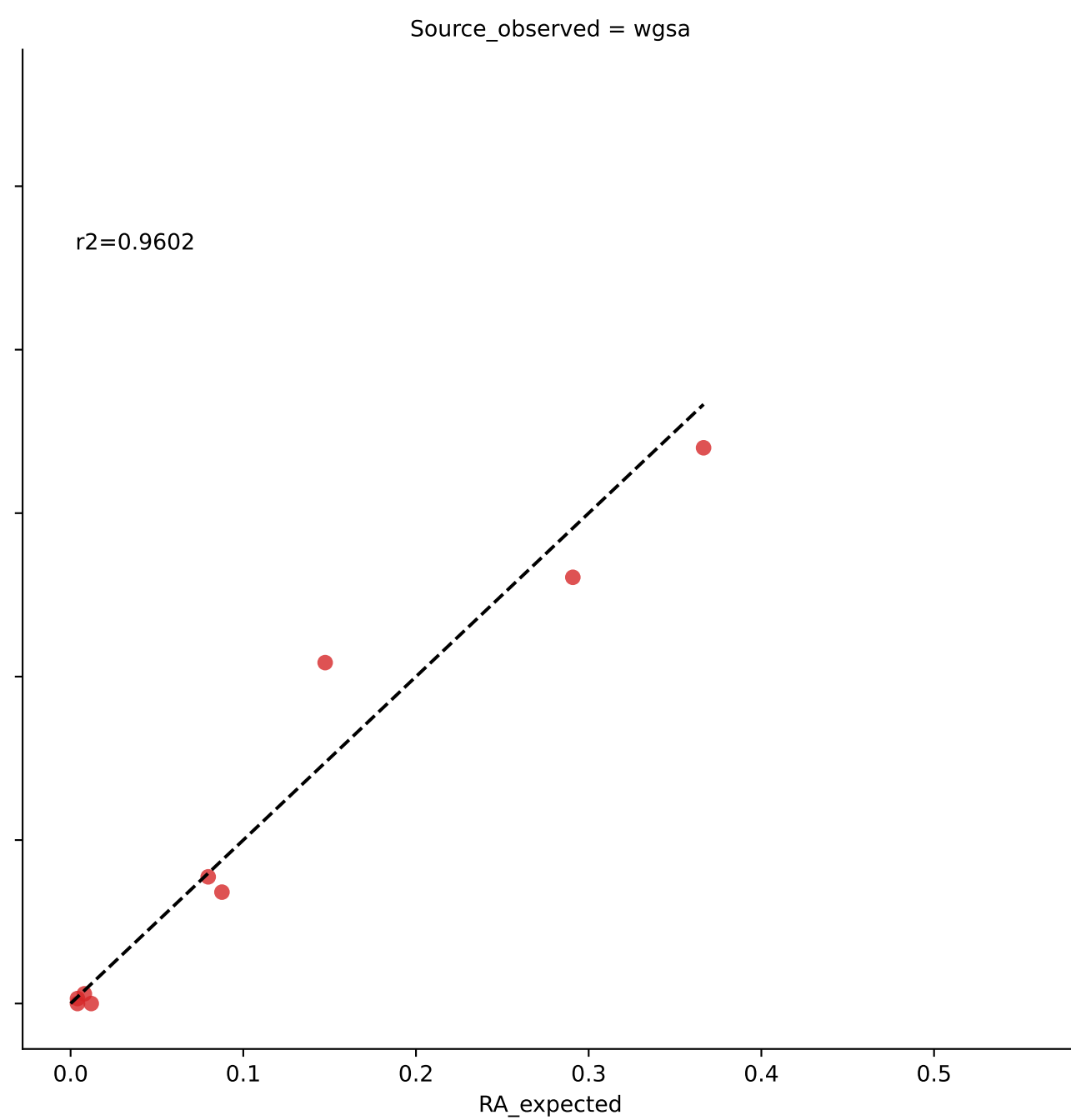
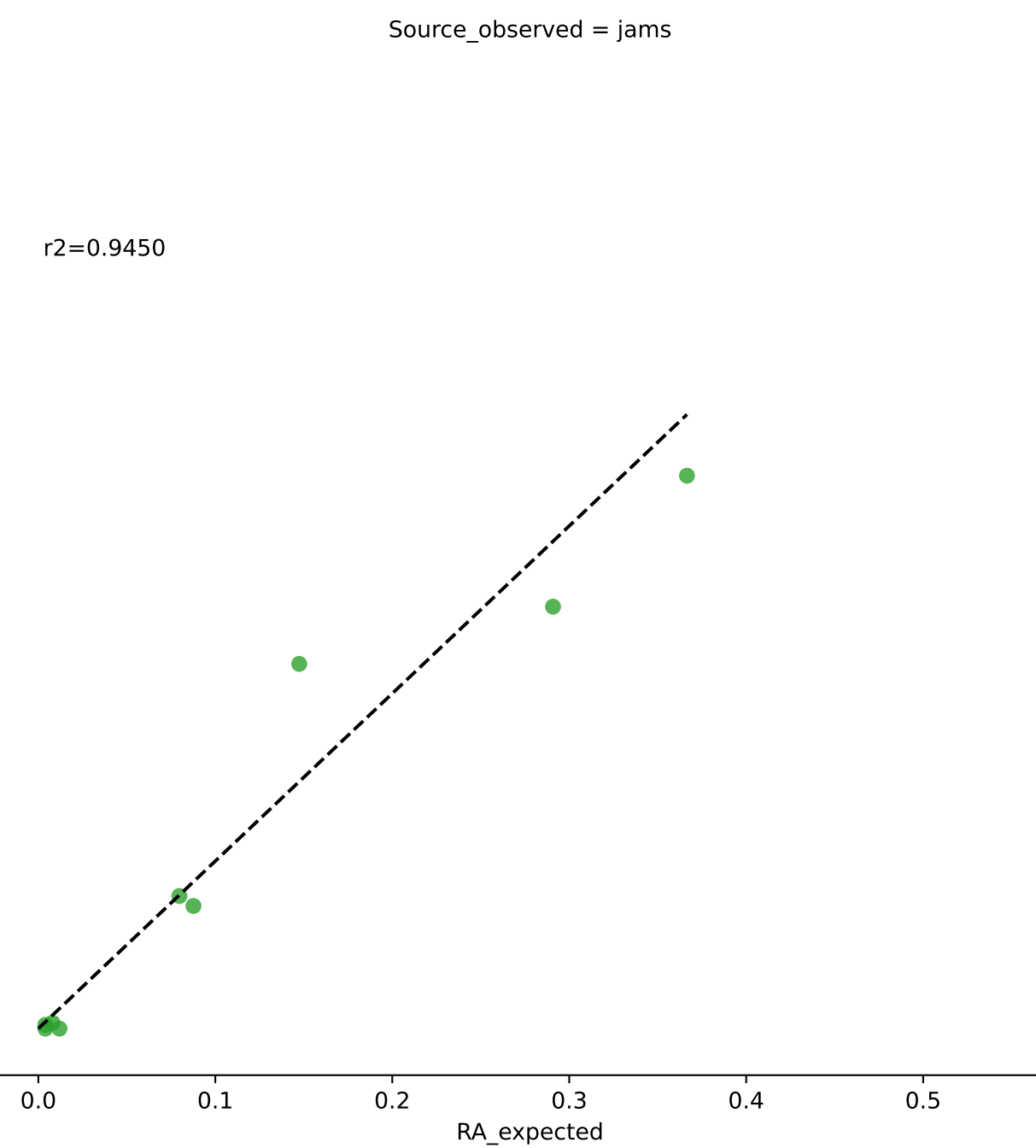
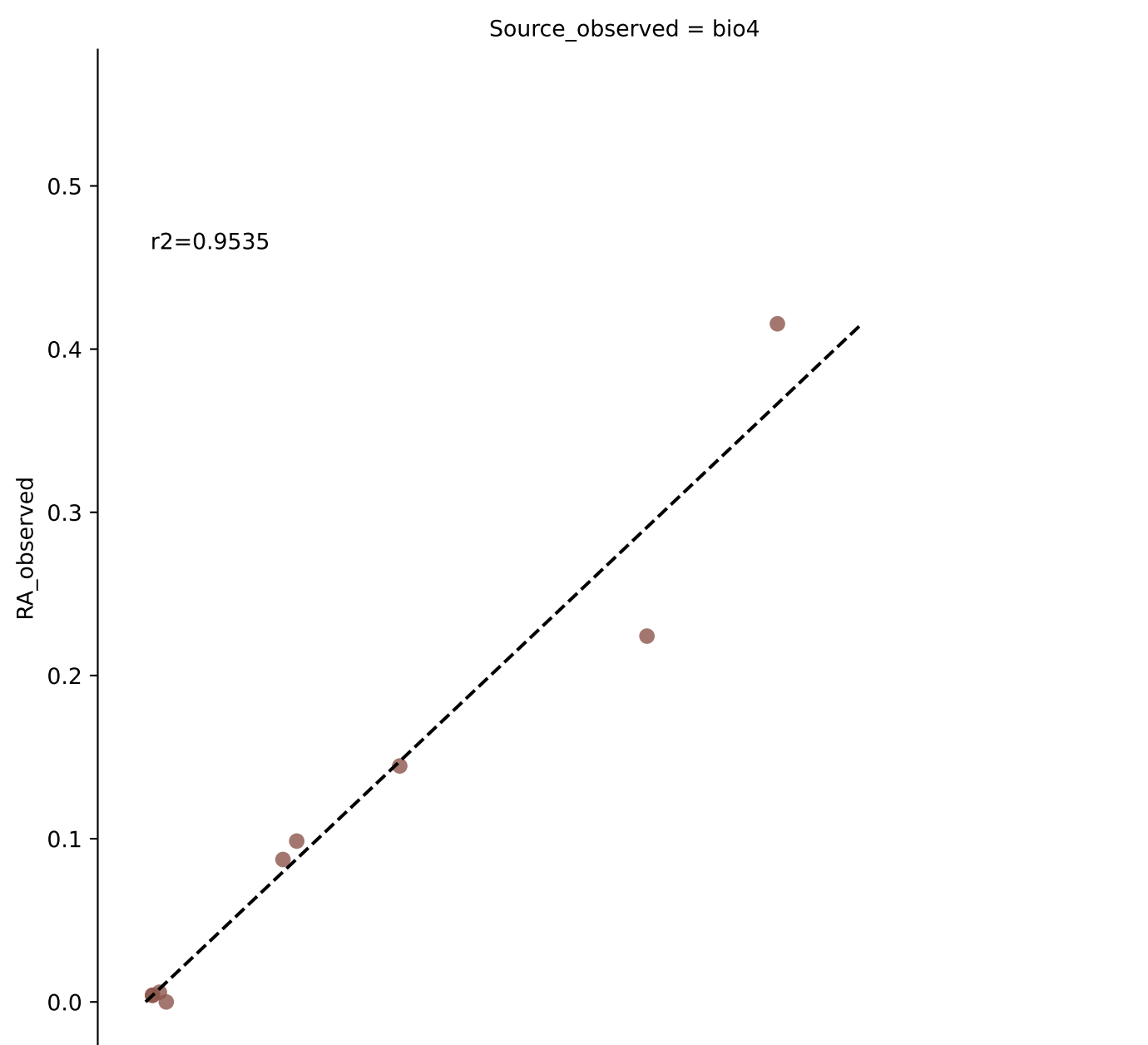


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 1e-05)

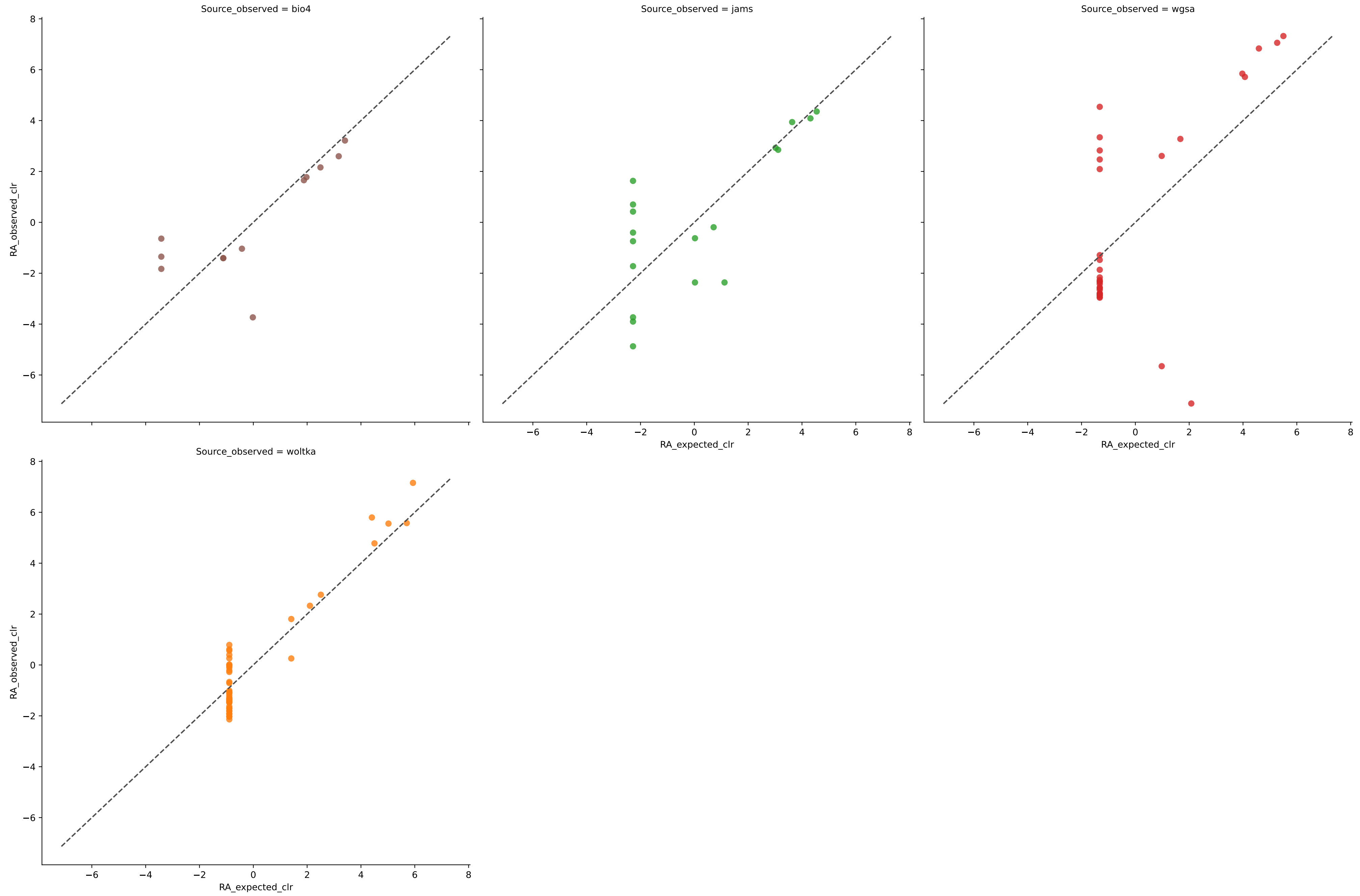


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	18	0.9952	0.0061	8.2529	0.9455	0.0122	88.2353	0.9028
jams	35	0.9954	0.0036	14.1101	0.9362	0.0069	88.2353	5.8404
wgsa	58	0.9971	0.0014	14.3995	0.9588	0.0043	94.1176	3.4874
woltka	51	0.9585	0.0047	10.5309	0.8792	0.0173	100.0000	2.2046

# Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 1e-05)



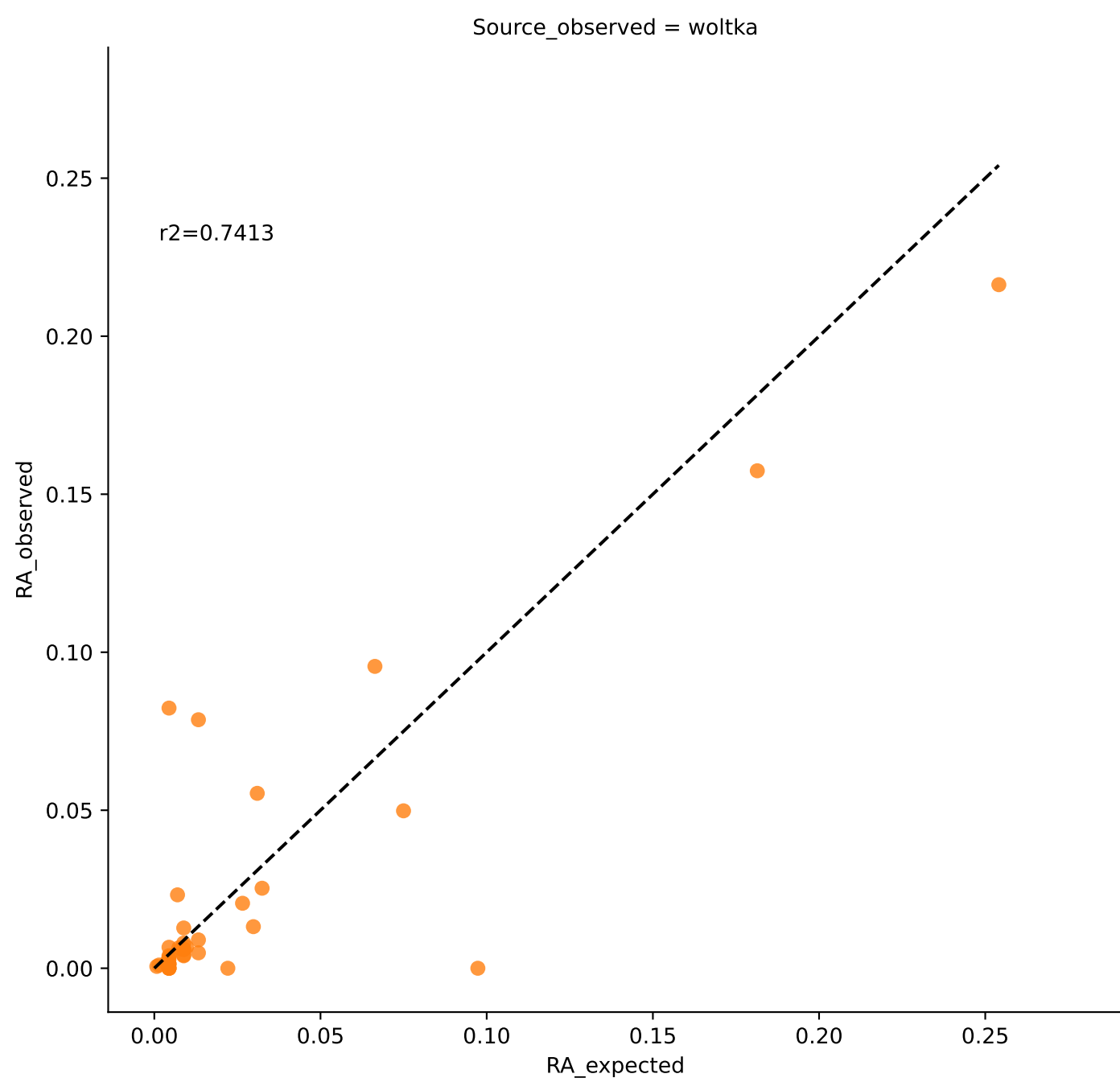
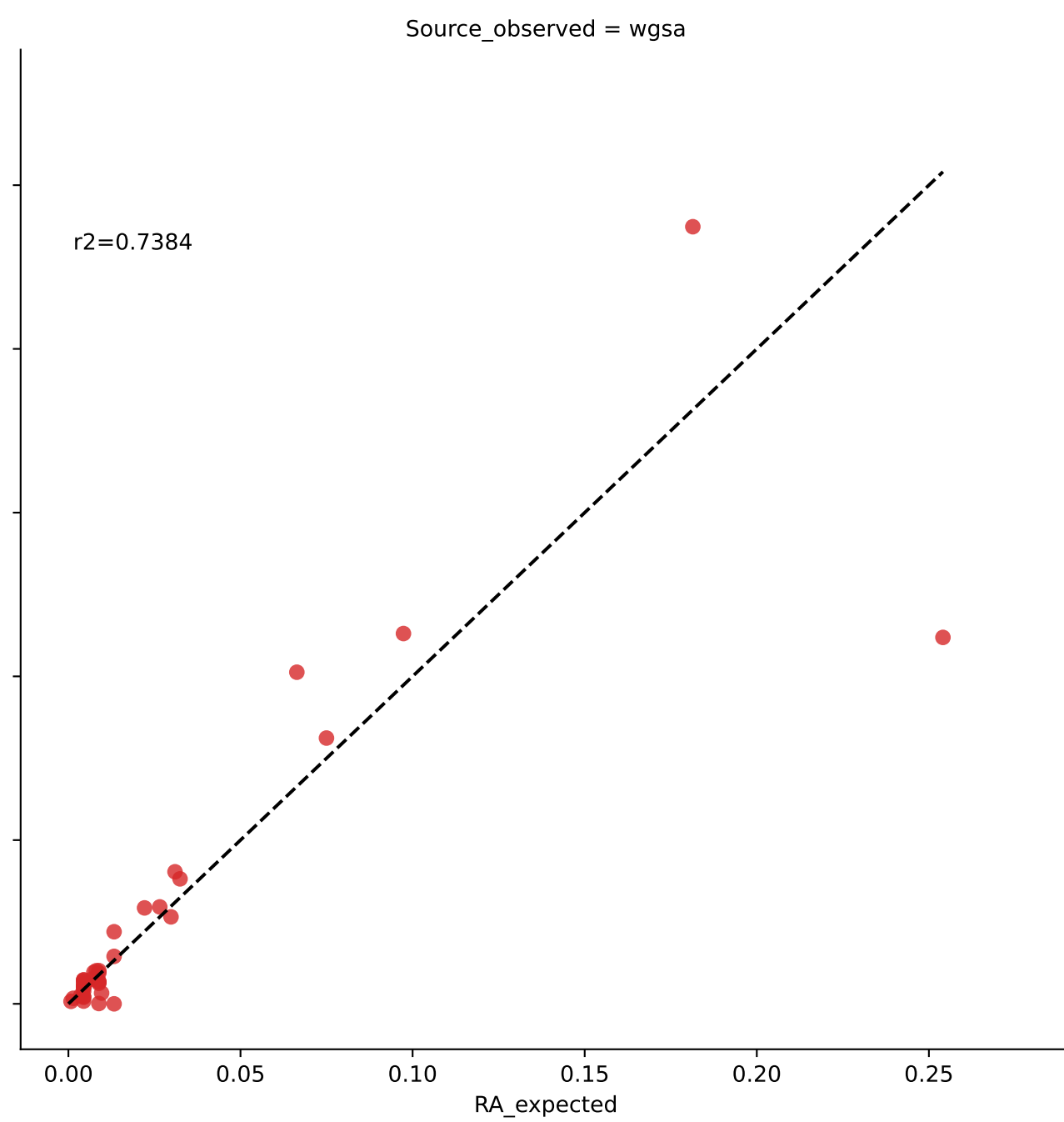
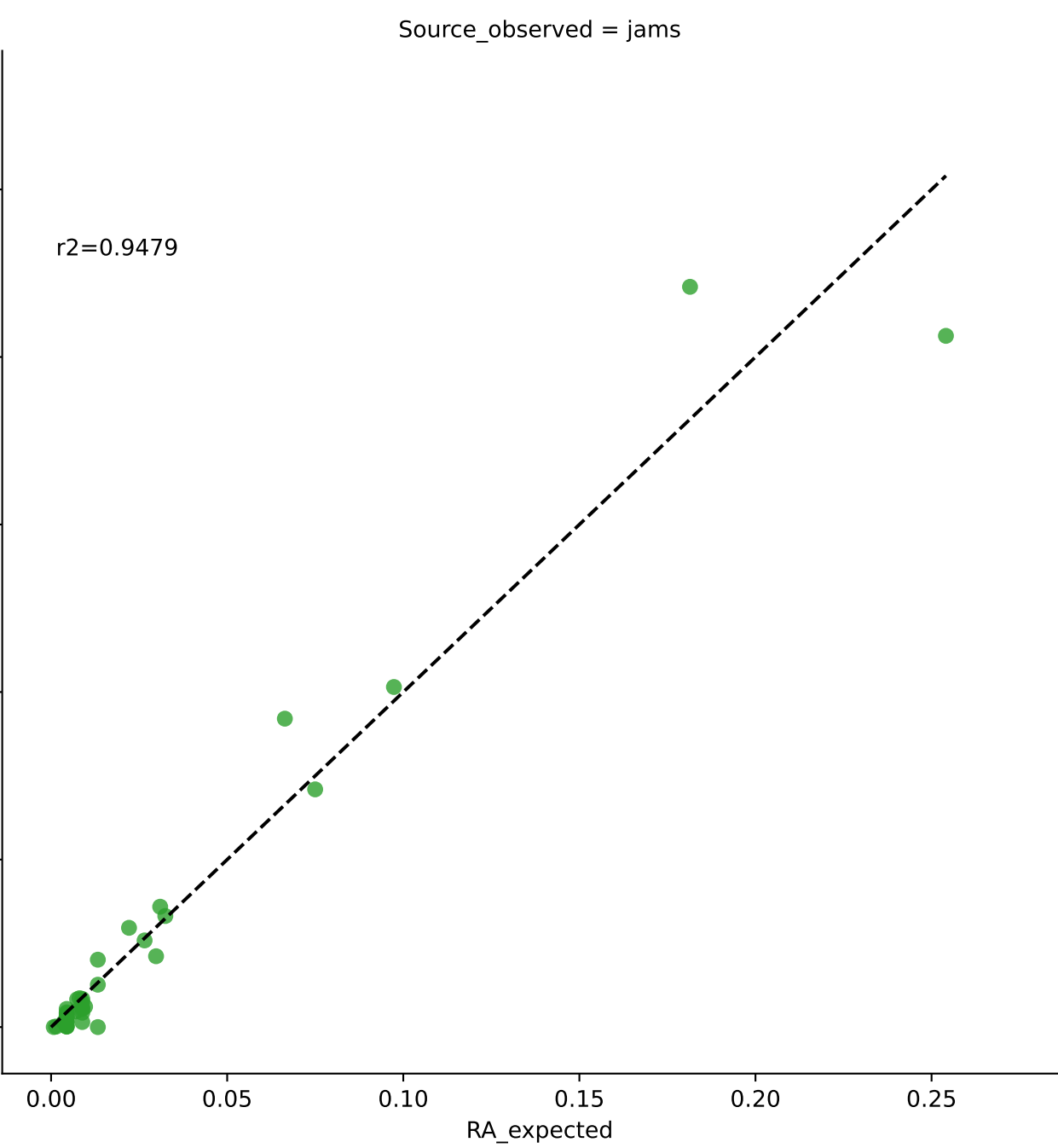
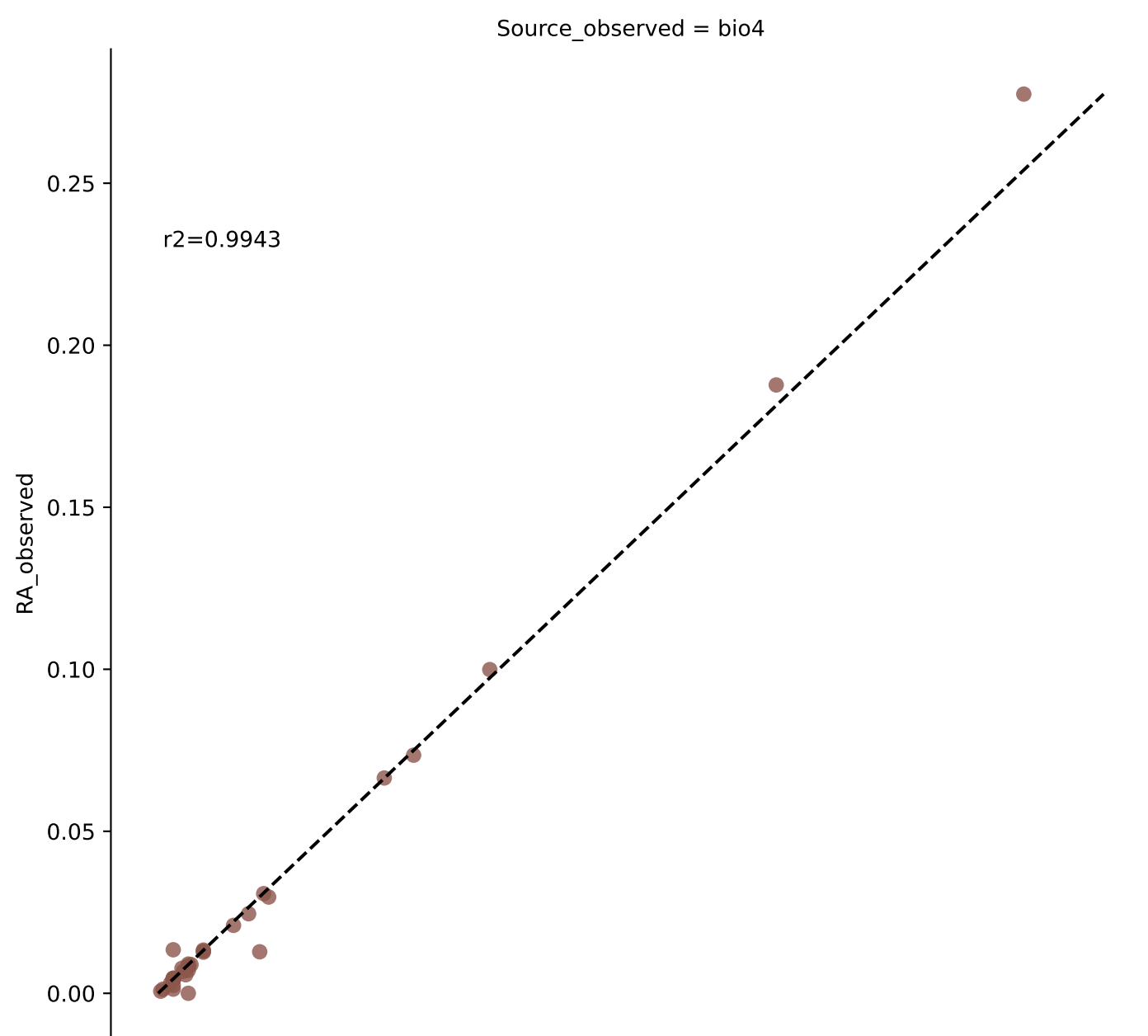
Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 1e-05)



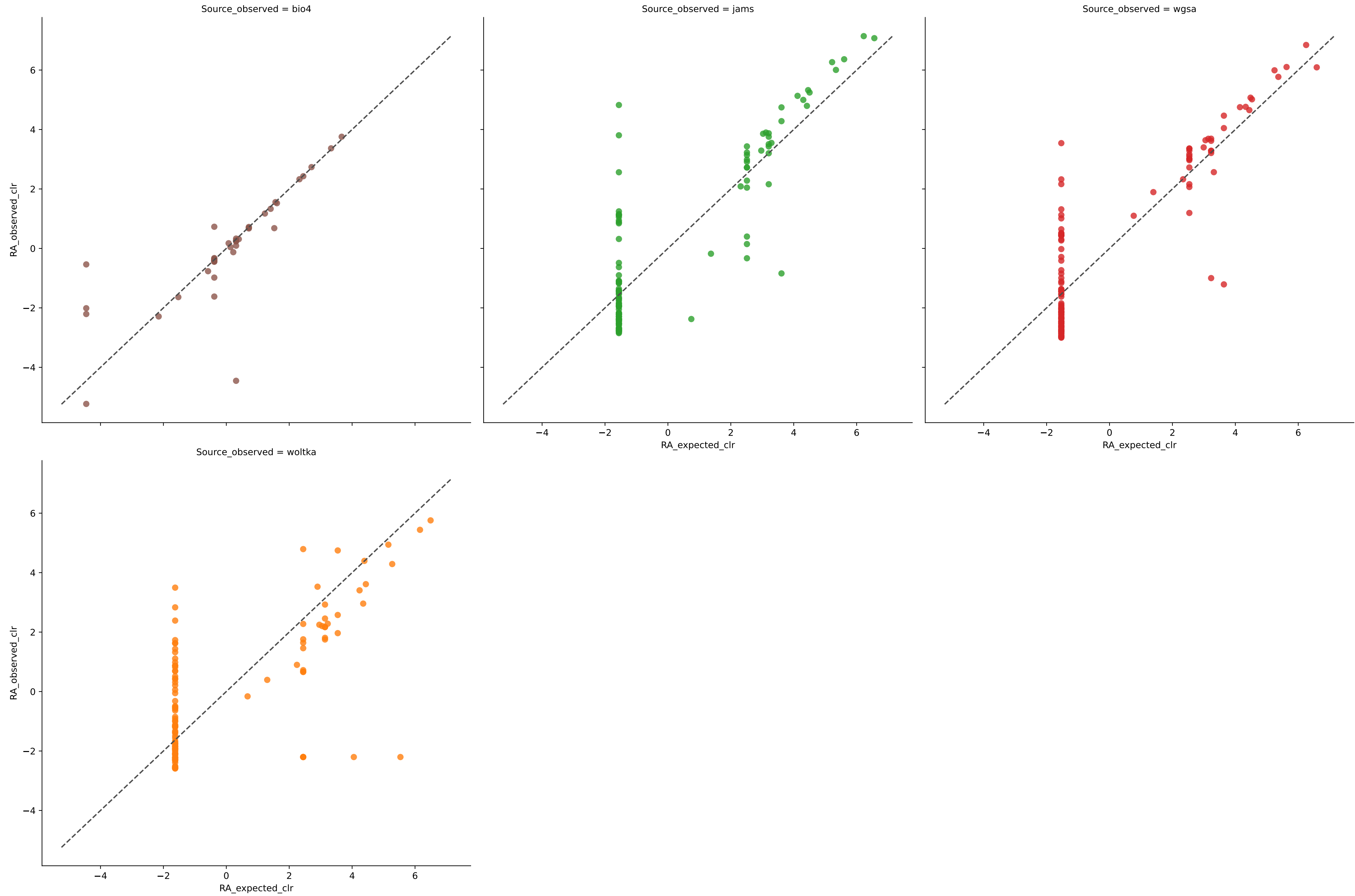
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	12	0.9591	0.0139	5.4279	0.9165	0.0246	88.8889	1.5800
jams	18	0.9574	0.0125	8.2737	0.8873	0.0221	77.7778	4.2381
wgsa	31	0.9718	0.0063	16.5951	0.9028	0.0144	100.0000	3.6047
woltka	46	0.7840	0.0114	5.6354	0.7389	0.0400	100.0000	0.8893



# Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 1e-05)

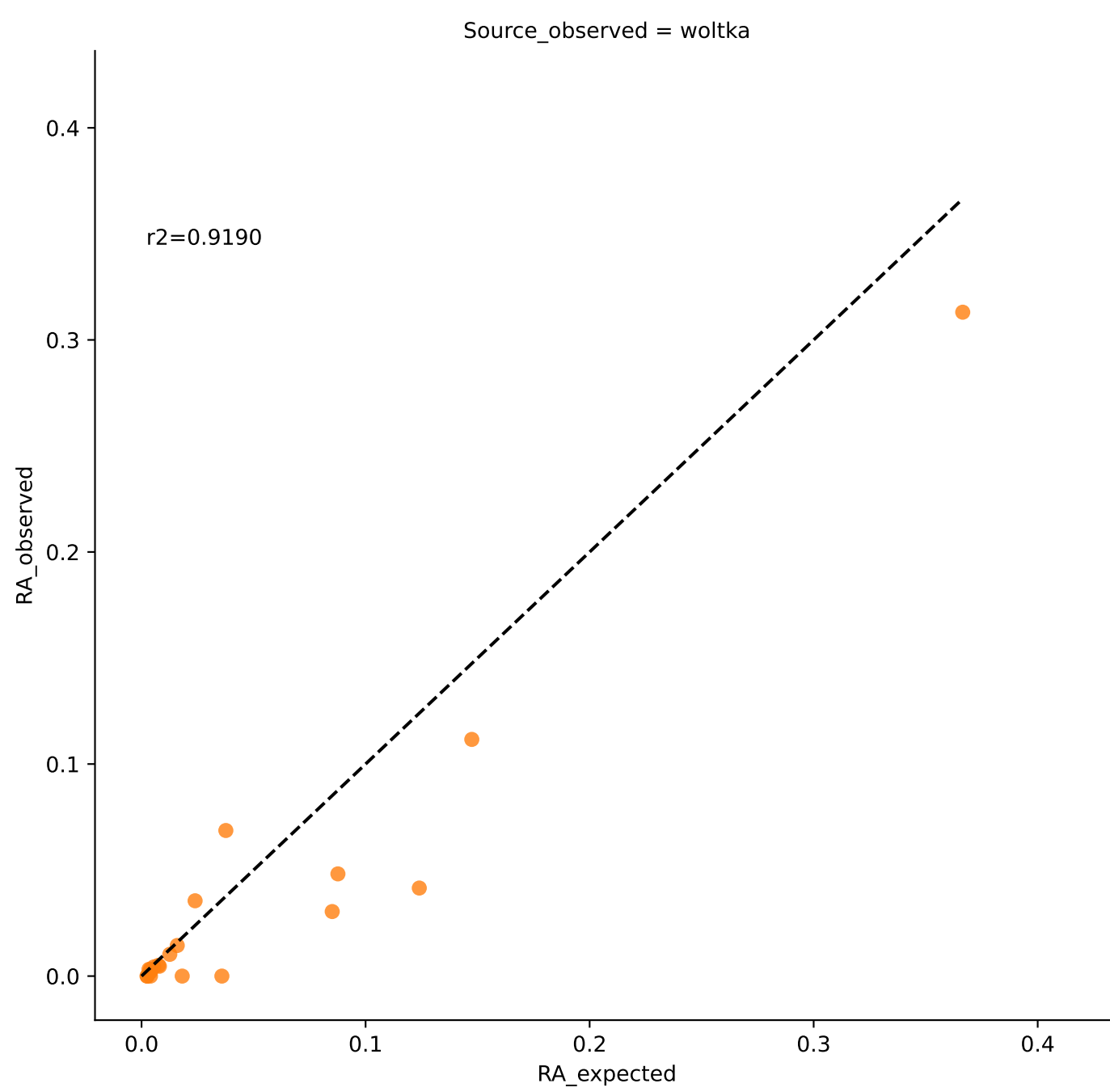
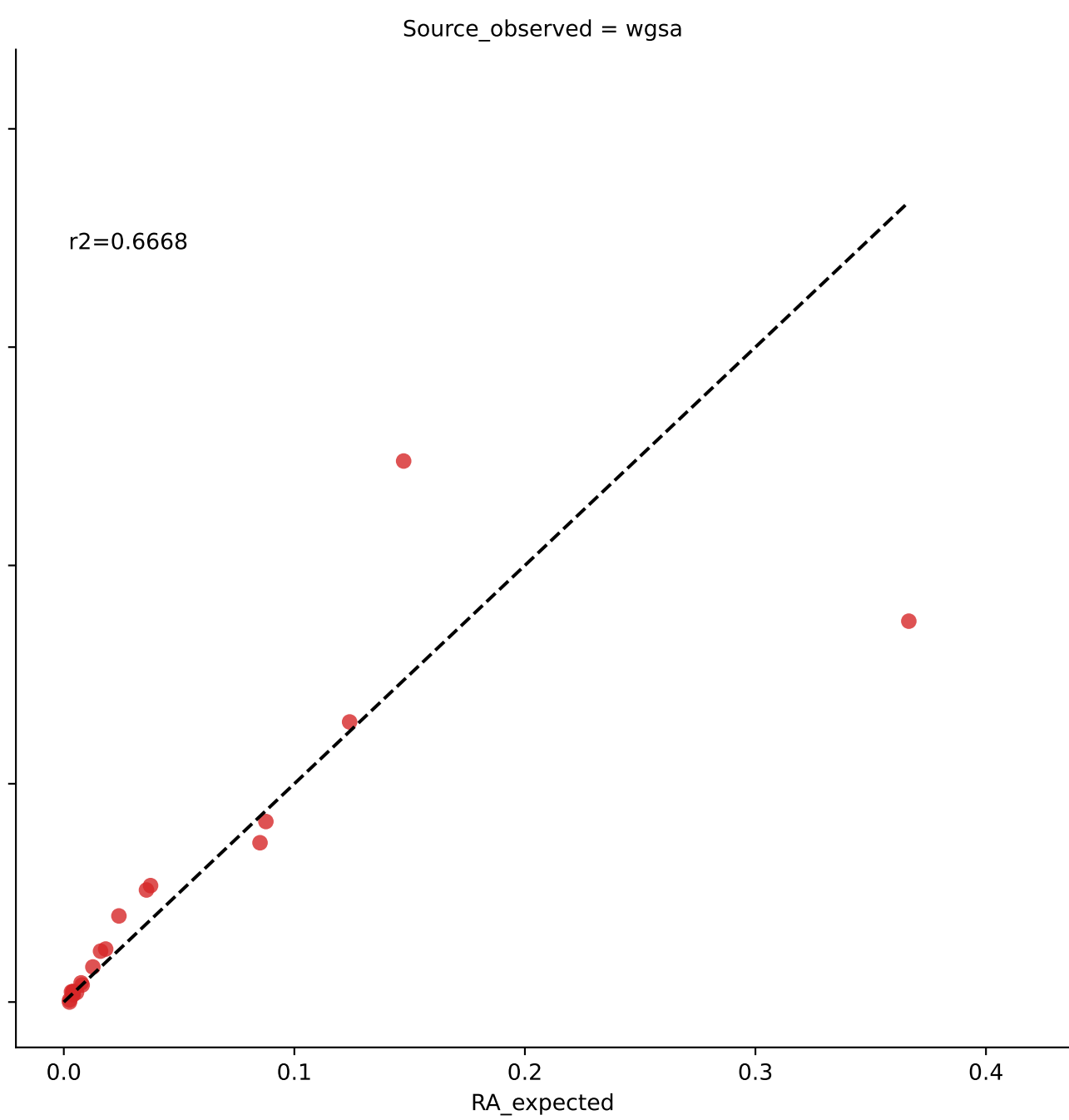
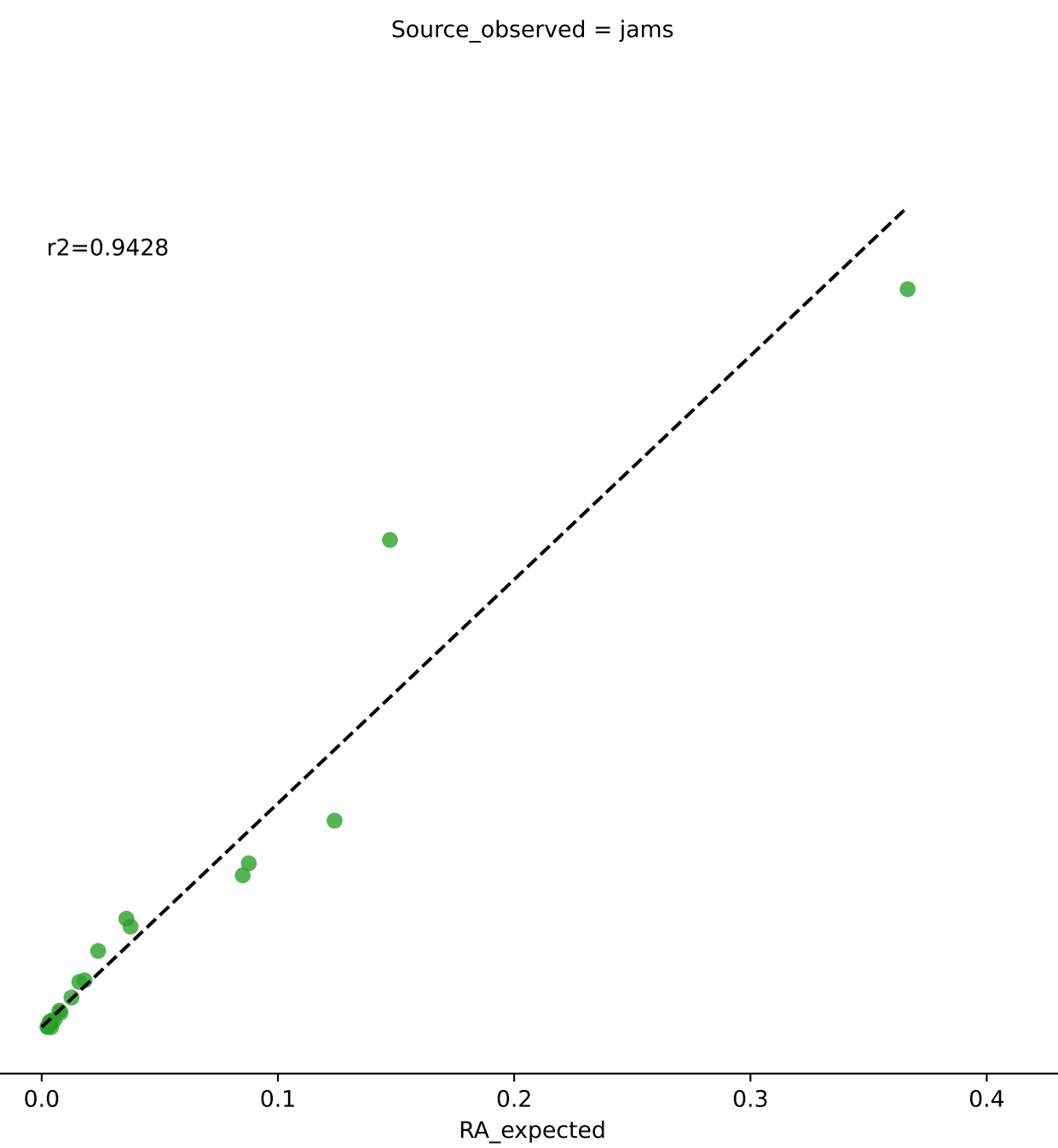
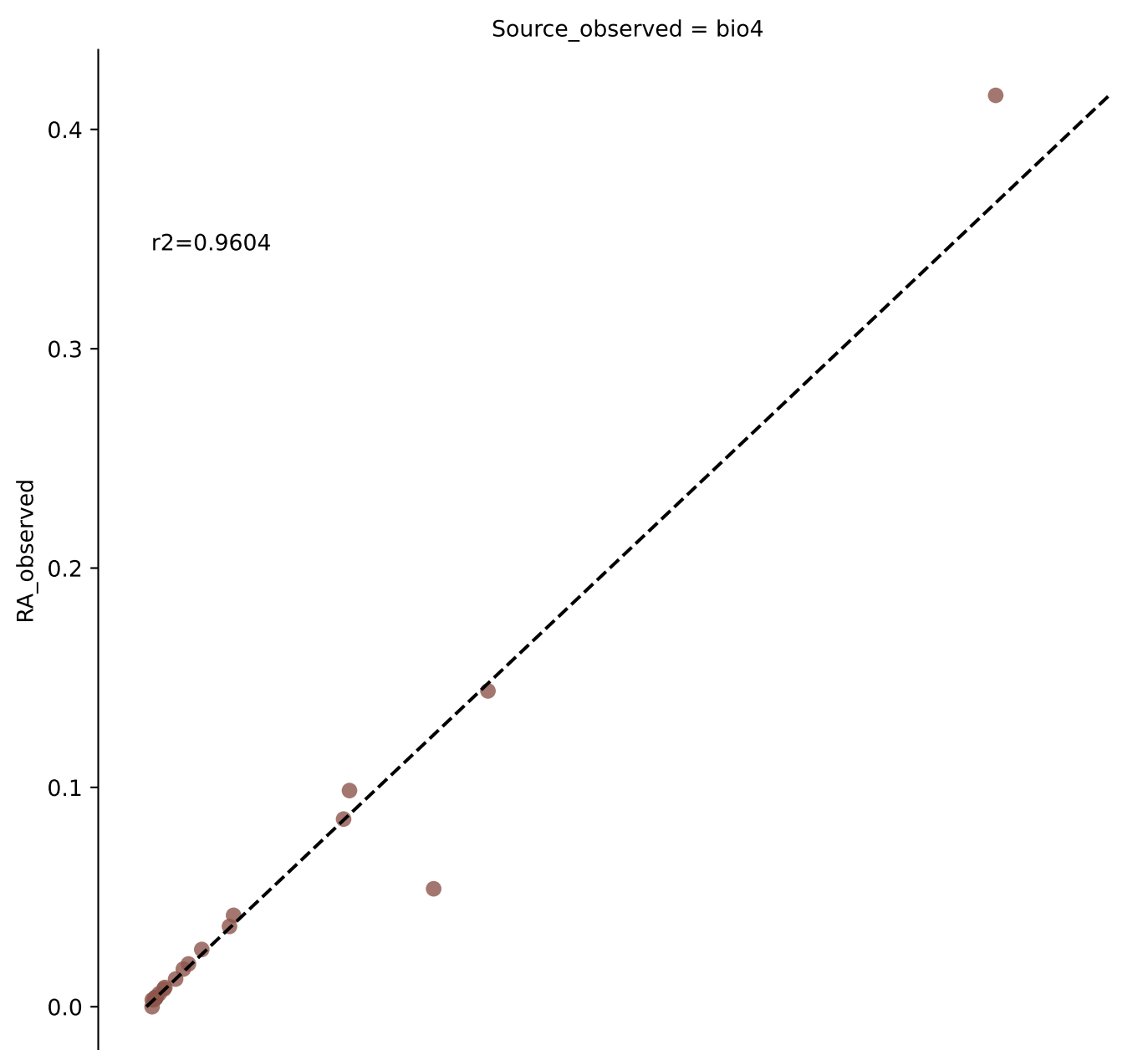


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 1e-05)

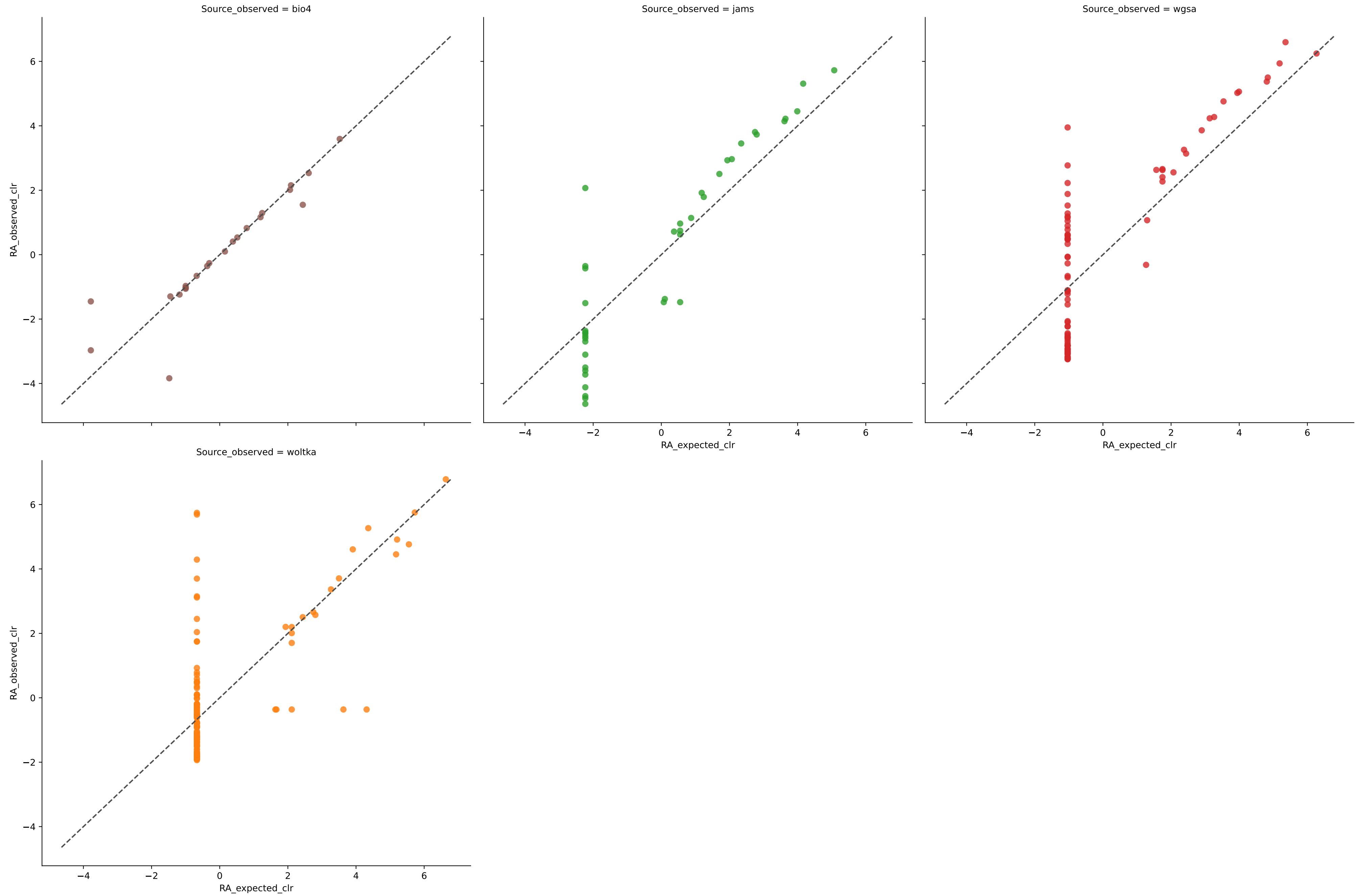


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	42	0.9940	0.0023	7.3336	0.9518	0.0051	97.3684	0.5400
jams	120	0.9508	0.0022	15.8699	0.8702	0.0069	97.3684	3.8012
wgsa	122	0.7781	0.0031	15.0667	0.8096	0.0145	97.3684	2.2636
woltka	115	0.7717	0.0053	20.6858	0.6968	0.0151	84.2105	8.4030

# Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 1e-05)

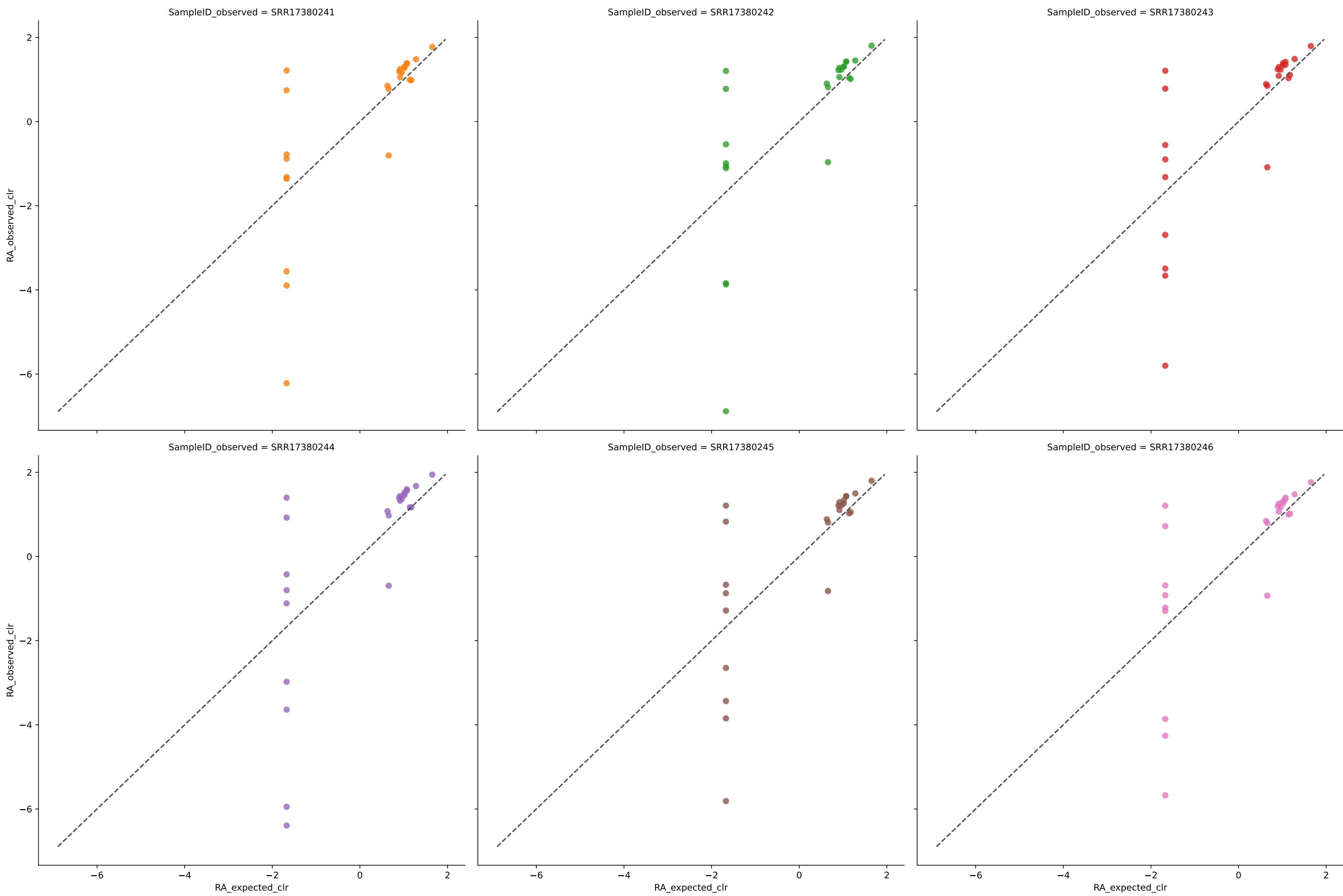


Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 1e-05)



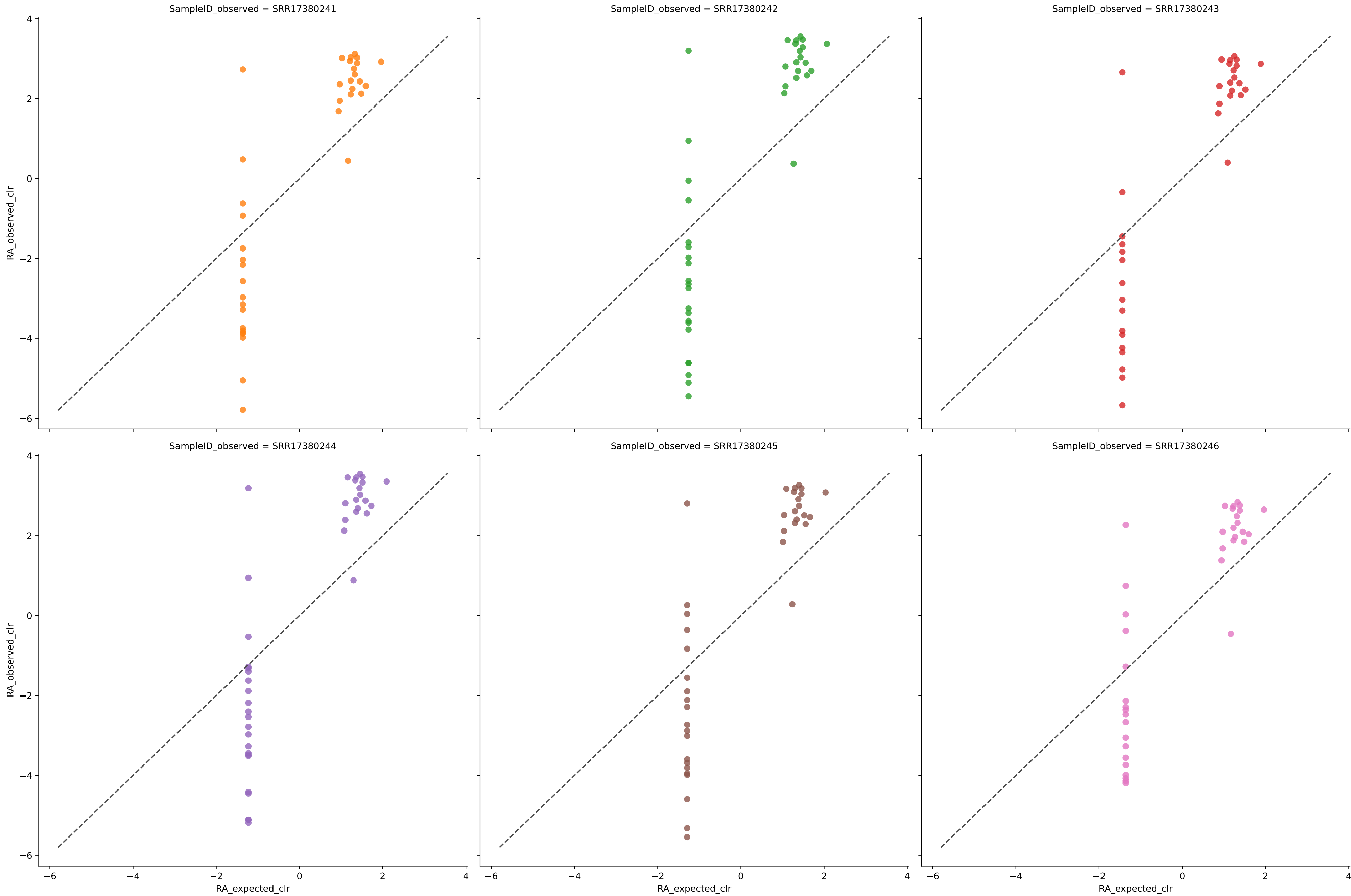
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	23	0.9610	0.0066	3.5363	0.9239	0.0181	95.2381	0.3265
jams	39	0.9499	0.0061	8.3622	0.8813	0.0146	90.4762	1.0941
wgsa	84	0.7313	0.0051	15.4346	0.7845	0.0240	95.2381	4.2851
woltka	130	0.7678	0.0053	17.2586	0.6561	0.0181	76.1905	30.1296

Expected vs. Observed Relative Abundance for species using bio4 in Experiment tourlousse with filter 1e-05



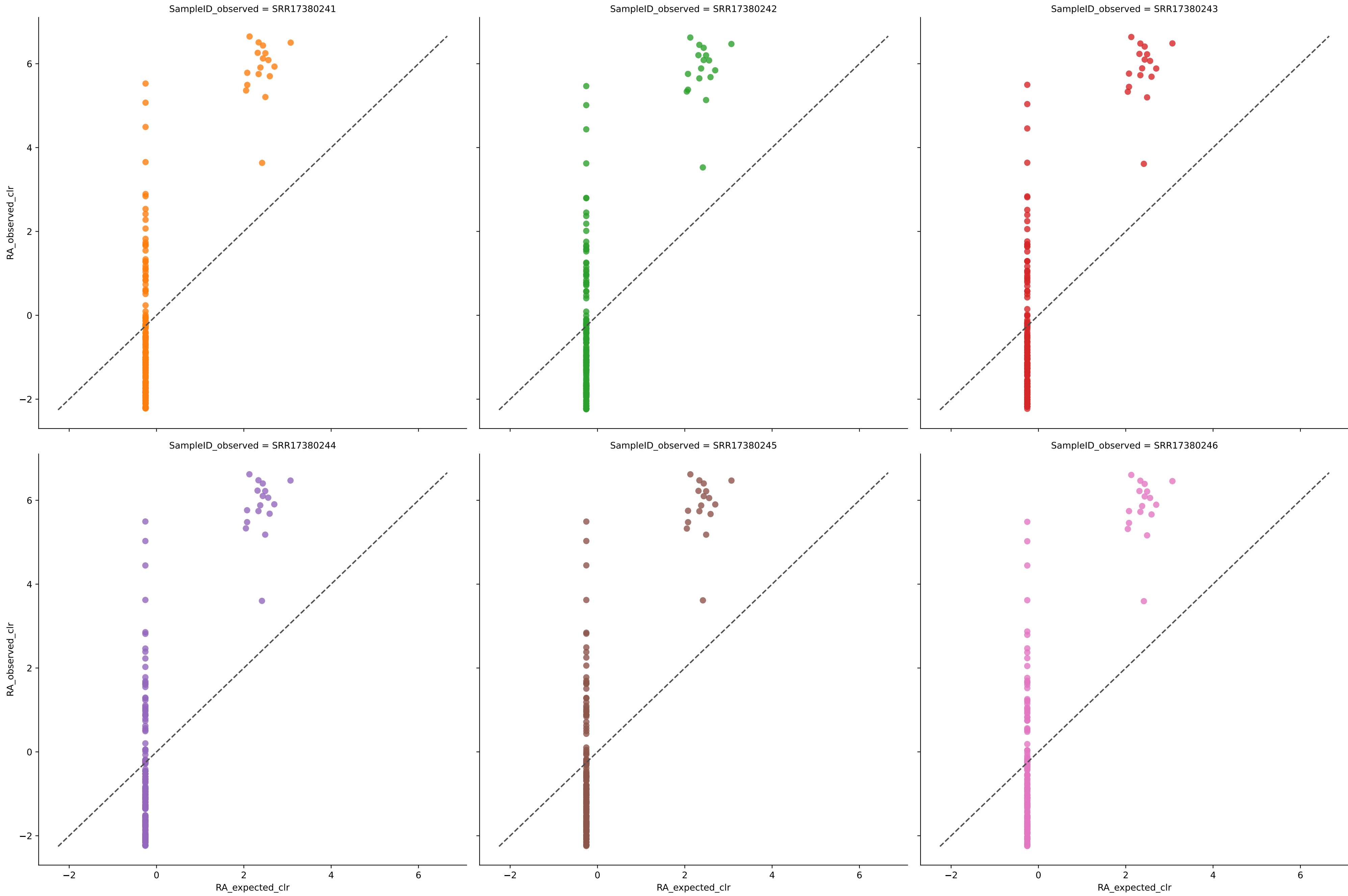
	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	24	0.7167	0.0018	6.9206	0.8675	0.0031	100.0000	2.0709
SRR17380242	24	0.7189	0.0019	7.5479	0.8641	0.0030	100.0000	2.0928
SRR17380243	24	0.7253	0.0018	6.7596	0.8692	0.0030	100.0000	1.9979
SRR17380244	24	0.7150	0.0018	8.3137	0.8691	0.0031	100.0000	1.9960
SRR17380245	24	0.7210	0.0018	6.7387	0.8686	0.0030	100.0000	2.0268
SRR17380246	24	0.7198	0.0018	6.8349	0.8678	0.0030	100.0000	2.0683
Average	24	0.7194	0.0018	7.1859	0.8677	0.0030	100.0000	2.0421

Expected vs. Observed Relative Abundance for species using jams in Experiment tourlousse with filter 1e-05



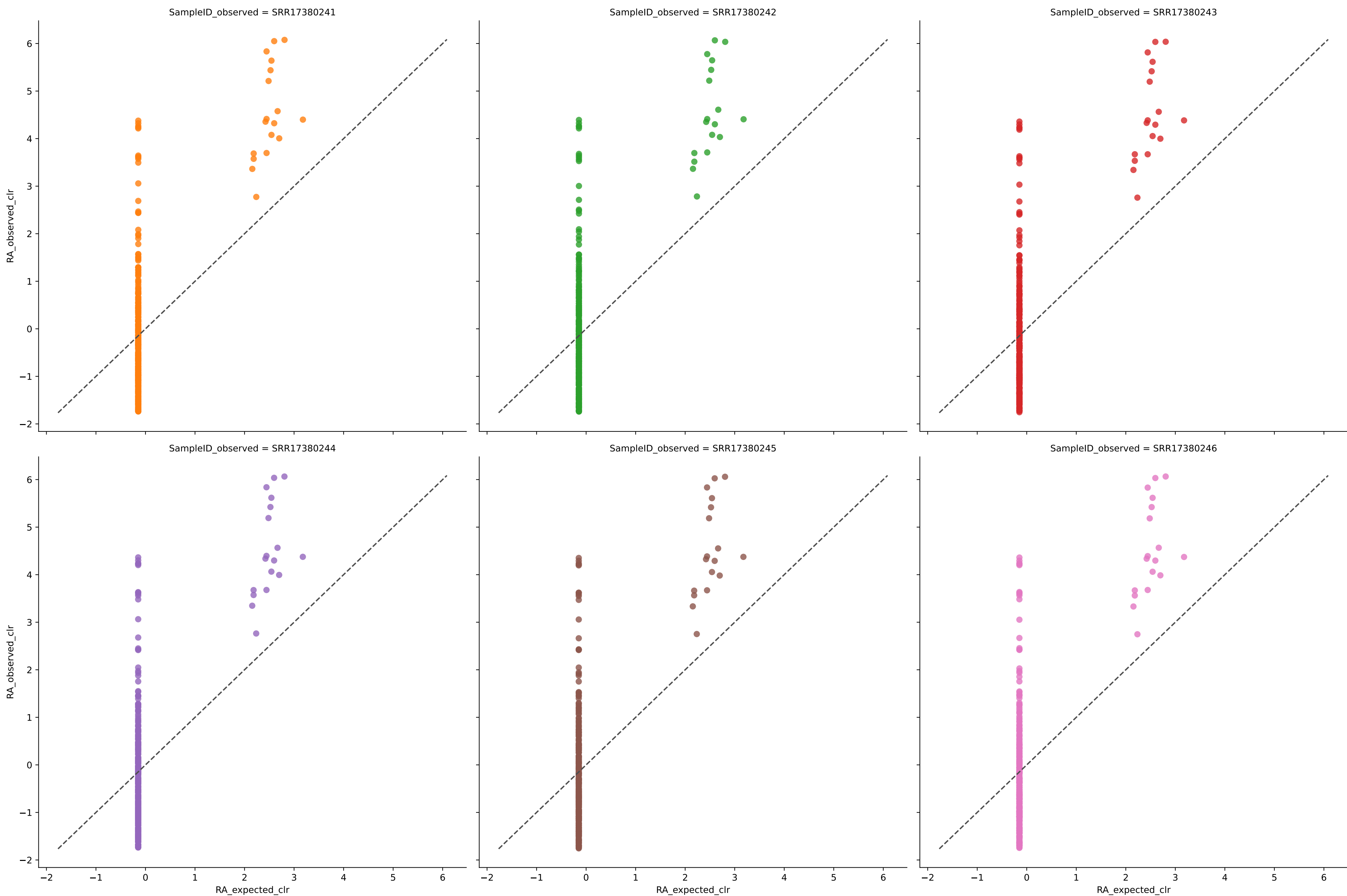
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	37	0.6109	0.0020	11.3769	0.7773	0.0032	100.0000	1.1500
SRR17380242	40	0.6229	0.0019	13.3173	0.7752	0.0031	100.0000	1.1801
SRR17380243	35	0.5980	0.0021	11.3420	0.7798	0.0032	100.0000	1.0373
SRR17380244	41	0.6365	0.0018	12.9537	0.7775	0.0030	100.0000	1.1572
SRR17380245	39	0.6317	0.0019	12.0451	0.7764	0.0030	100.0000	1.0974
SRR17380246	37	0.6223	0.0020	9.7986	0.7737	0.0031	100.0000	1.1630
Average	38	0.6204	0.0020	11.8056	0.7766	0.0031	100.0000	1.1308

Expected vs. Observed Relative Abundance for species using wgsa in Experiment tourlousse with filter 1e-05



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	180	0.7709	0.0004	24.1590	0.7735	0.0014	100.0000	1.5907
SRR17380242	176	0.7678	0.0004	23.7314	0.7730	0.0015	100.0000	1.5523
SRR17380243	177	0.7695	0.0004	23.9776	0.7734	0.0015	100.0000	1.5812
SRR17380244	177	0.7721	0.0004	23.9891	0.7747	0.0014	100.0000	1.5713
SRR17380245	177	0.7716	0.0004	23.9247	0.7747	0.0015	100.0000	1.5794
SRR17380246	177	0.7716	0.0004	23.8469	0.7741	0.0015	100.0000	1.5850
Average	177	0.7706	0.0004	23.9381	0.7739	0.0015	100.0000	1.5767

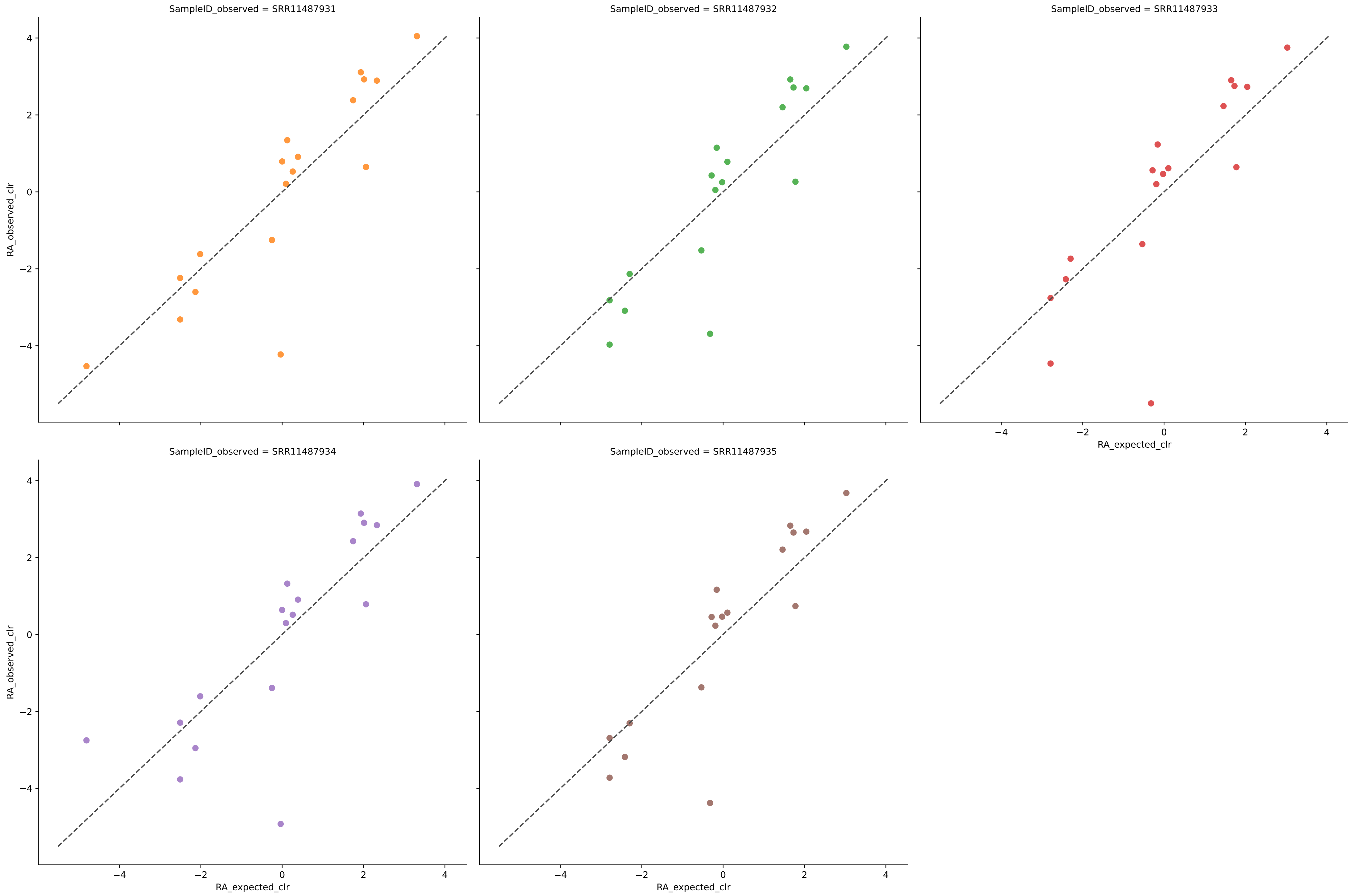
Expected vs. Observed Relative Abundance for species using woltka in Experiment tourlousse with filter 1e-05



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	328	0.5101	0.0005	23.2527	0.5419	0.0017	100.0000	4.3193
SRR17380242	330	0.5140	0.0005	23.2722	0.5433	0.0016	100.0000	4.3728
SRR17380243	323	0.5105	0.0005	22.9629	0.5422	0.0017	100.0000	4.3155
SRR17380244	324	0.5079	0.0005	23.0450	0.5414	0.0017	100.0000	4.3051
SRR17380245	322	0.5077	0.0005	22.9938	0.5412	0.0017	100.0000	4.2976
SRR17380246	323	0.5077	0.0005	23.0808	0.5411	0.0017	100.0000	4.3100
Average	325	0.5097	0.0005	23.1012	0.5418	0.0017	100.0000	4.3200

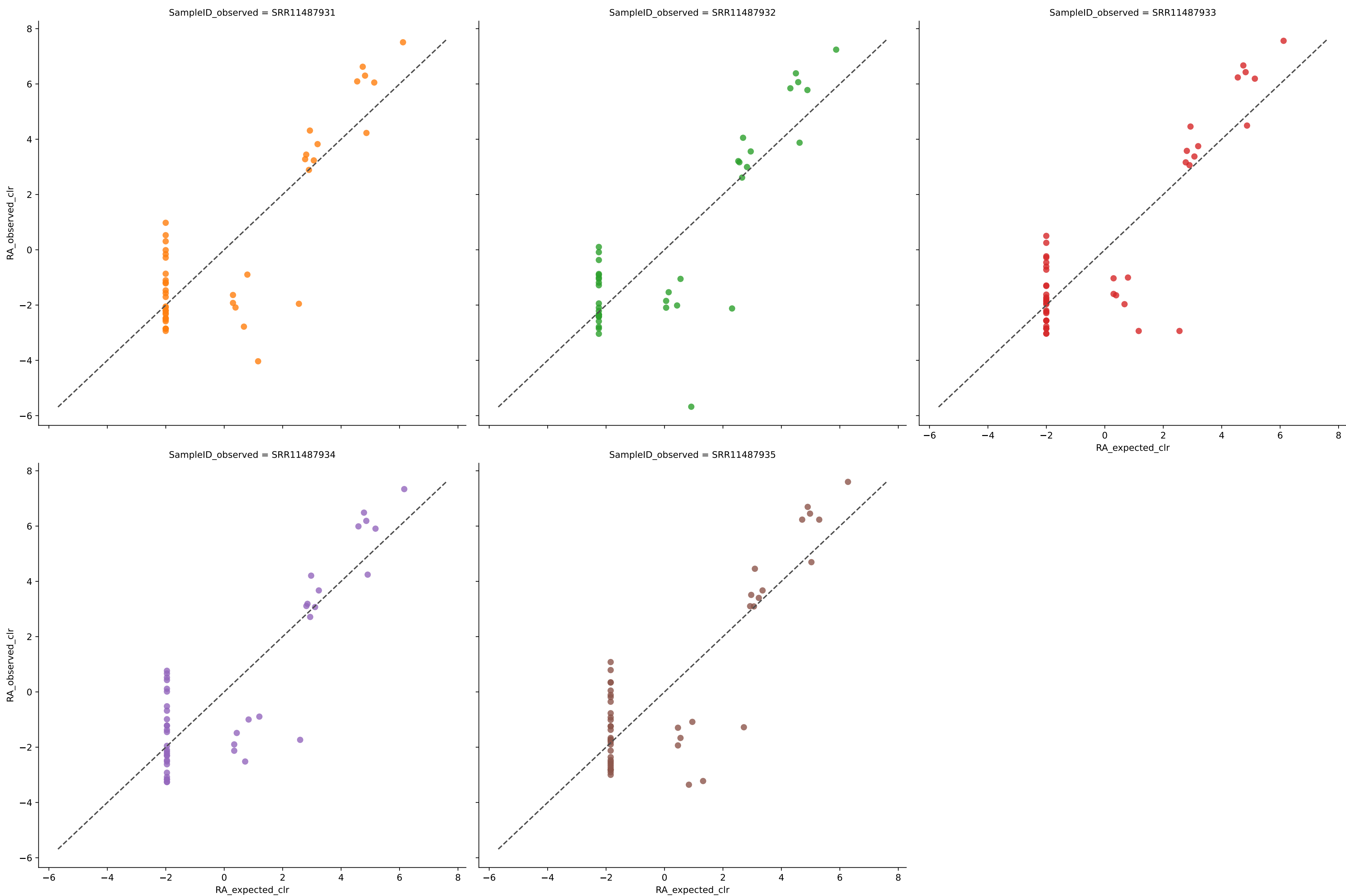


Expected vs. Observed Relative Abundance for species using bio4 in Experiment Amos hilo with filter 1e-05



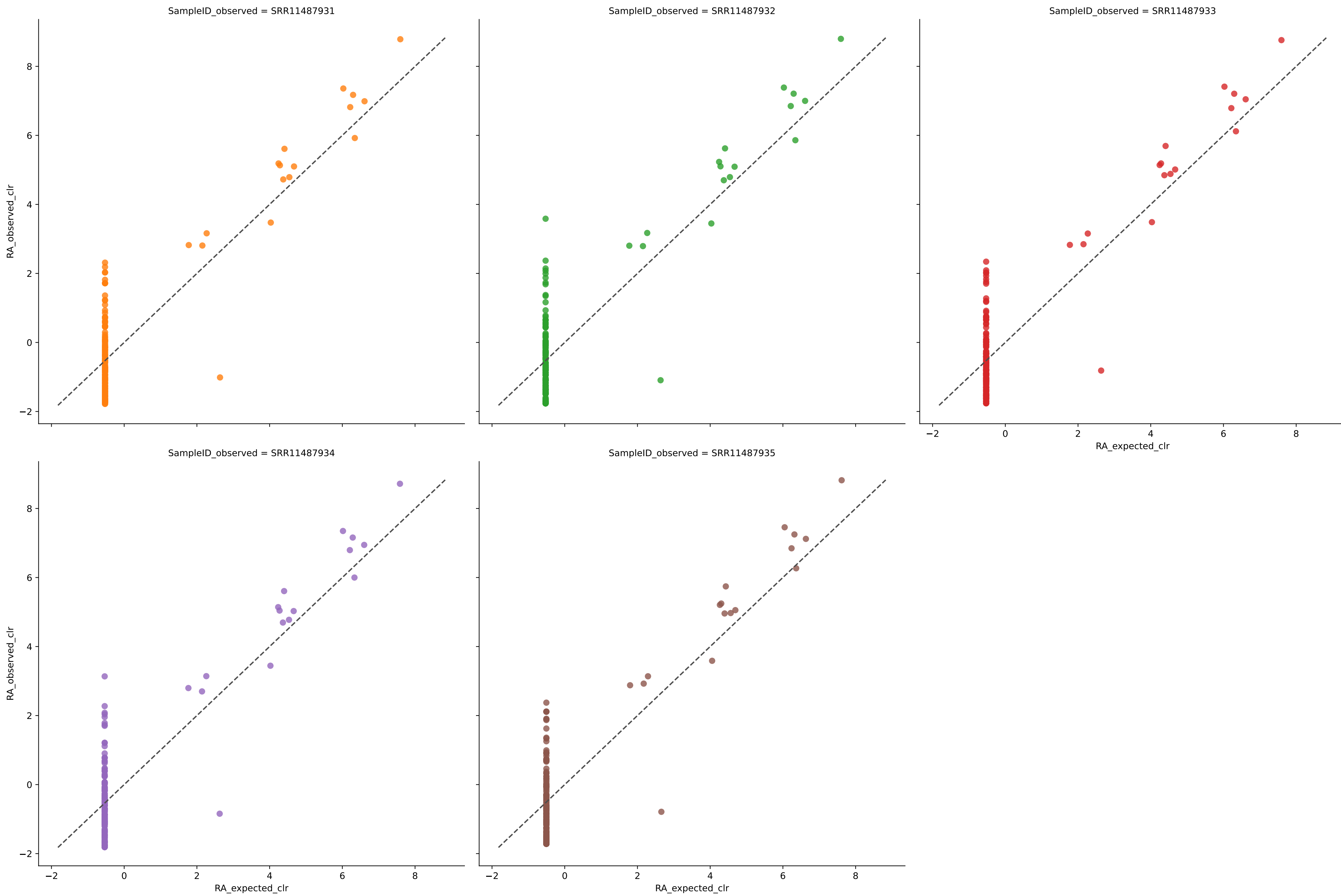
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	18	0.9157	0.0032	5.2605	0.8568	0.0059	100.0000	0.0015
SRR11487932	17	0.9028	0.0033	4.8354	0.8612	0.0062	100.0000	0.0000
SRR11487933	17	0.9066	0.0030	6.2762	0.8715	0.0058	100.0000	0.0000
SRR11487934	18	0.8966	0.0030	6.2508	0.8632	0.0060	100.0000	0.0095
SRR11487935	17	0.9113	0.0029	5.1244	0.8773	0.0056	100.0000	0.0000
Average	17	0.9066	0.0031	5.5495	0.8660	0.0059	100.0000	0.0022

Expected vs. Observed Relative Abundance for species using jams in Experiment Amos hilo with filter 1e-05



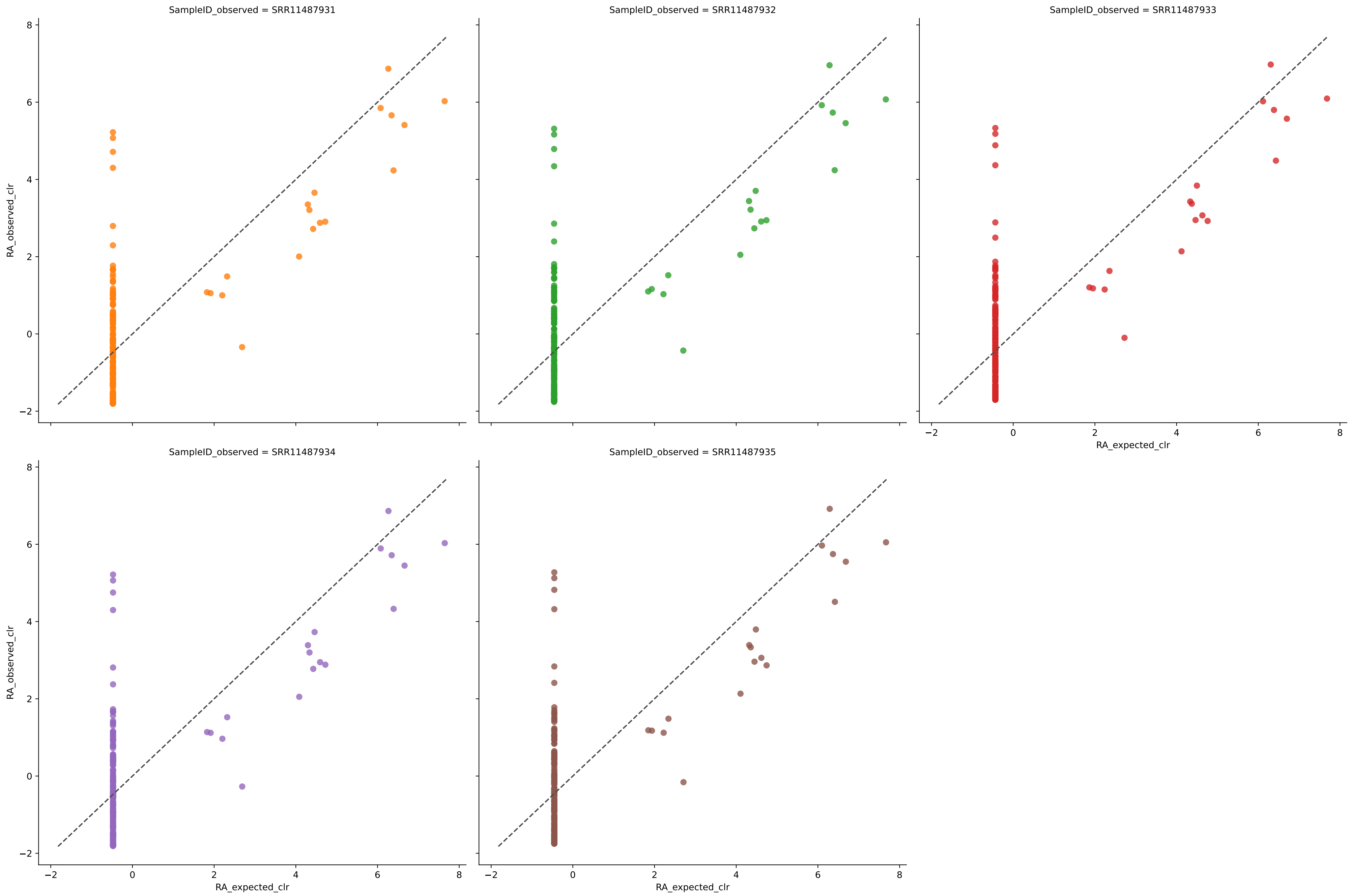
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	46	0.9136	0.0017	11.4233	0.8066	0.0043	100.0000	0.0536
SRR11487932	41	0.9078	0.0019	11.0108	0.8045	0.0046	100.0000	0.0363
SRR11487933	46	0.9189	0.0016	10.6148	0.8141	0.0040	100.0000	0.0371
SRR11487934	47	0.9125	0.0016	10.6445	0.8077	0.0042	94.7368	0.0709
SRR11487935	50	0.9246	0.0015	11.5602	0.8165	0.0038	100.0000	0.0632
Average	46	0.9155	0.0017	11.0507	0.8099	0.0042	98.9474	0.0522

Expected vs. Observed Relative Abundance for species using wgsa in Experiment Amos hilo with filter 1e-05



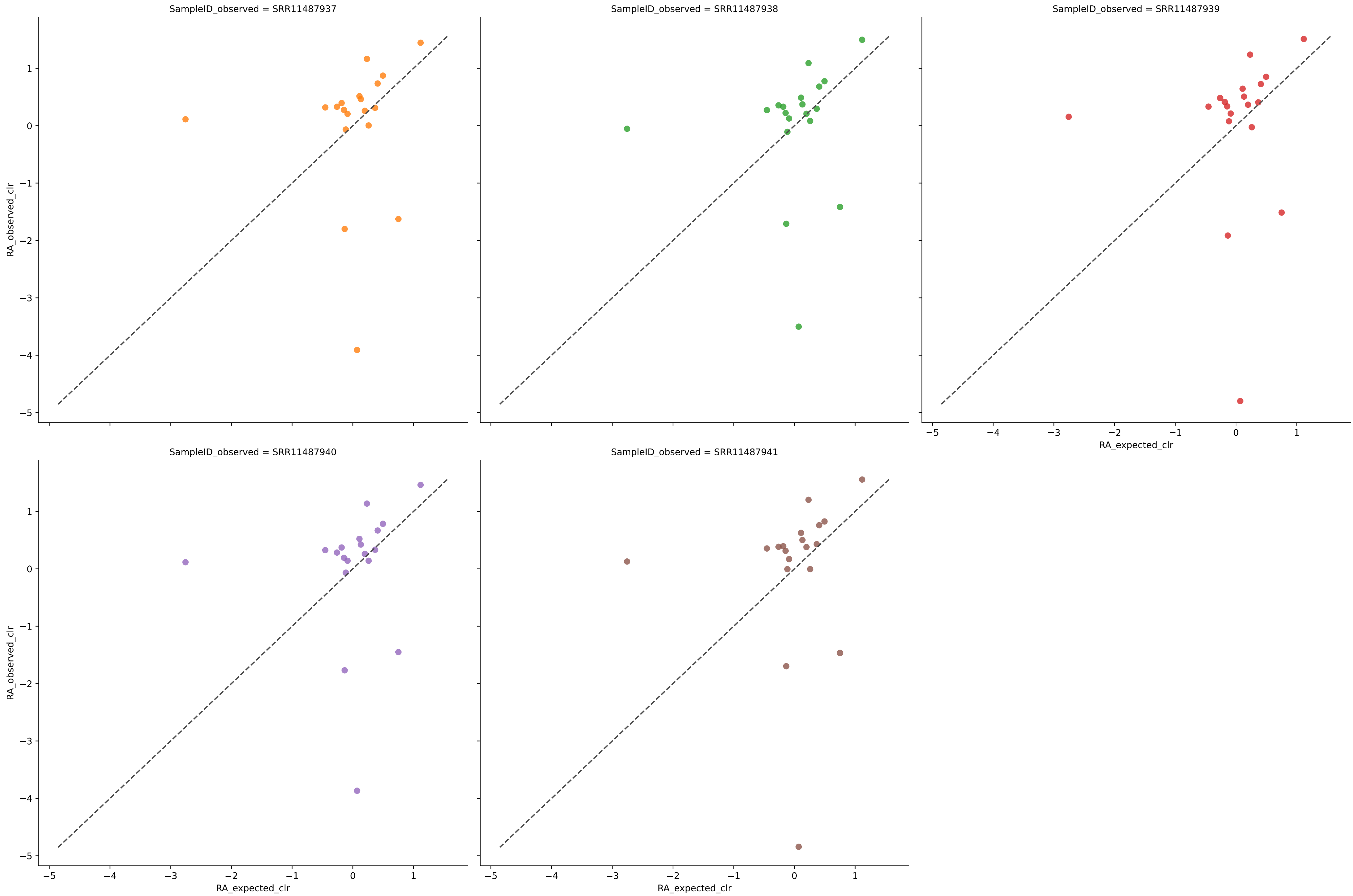
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	166	0.9190	0.0005	12.7409	0.8086	0.0026	100.0000	0.2357
SRR11487932	166	0.9181	0.0005	13.0687	0.8076	0.0026	100.0000	0.2733
SRR11487933	166	0.9270	0.0004	12.3980	0.8184	0.0024	100.0000	0.2305
SRR11487934	163	0.9239	0.0005	12.7713	0.8140	0.0025	100.0000	0.2619
SRR11487935	173	0.9301	0.0004	13.0511	0.8223	0.0023	100.0000	0.2369
Average	167	0.9236	0.0004	12.8060	0.8142	0.0025	100.0000	0.2477

Expected vs. Observed Relative Abundance for species using wol in Experiment Amos hilo with filter 1e-05



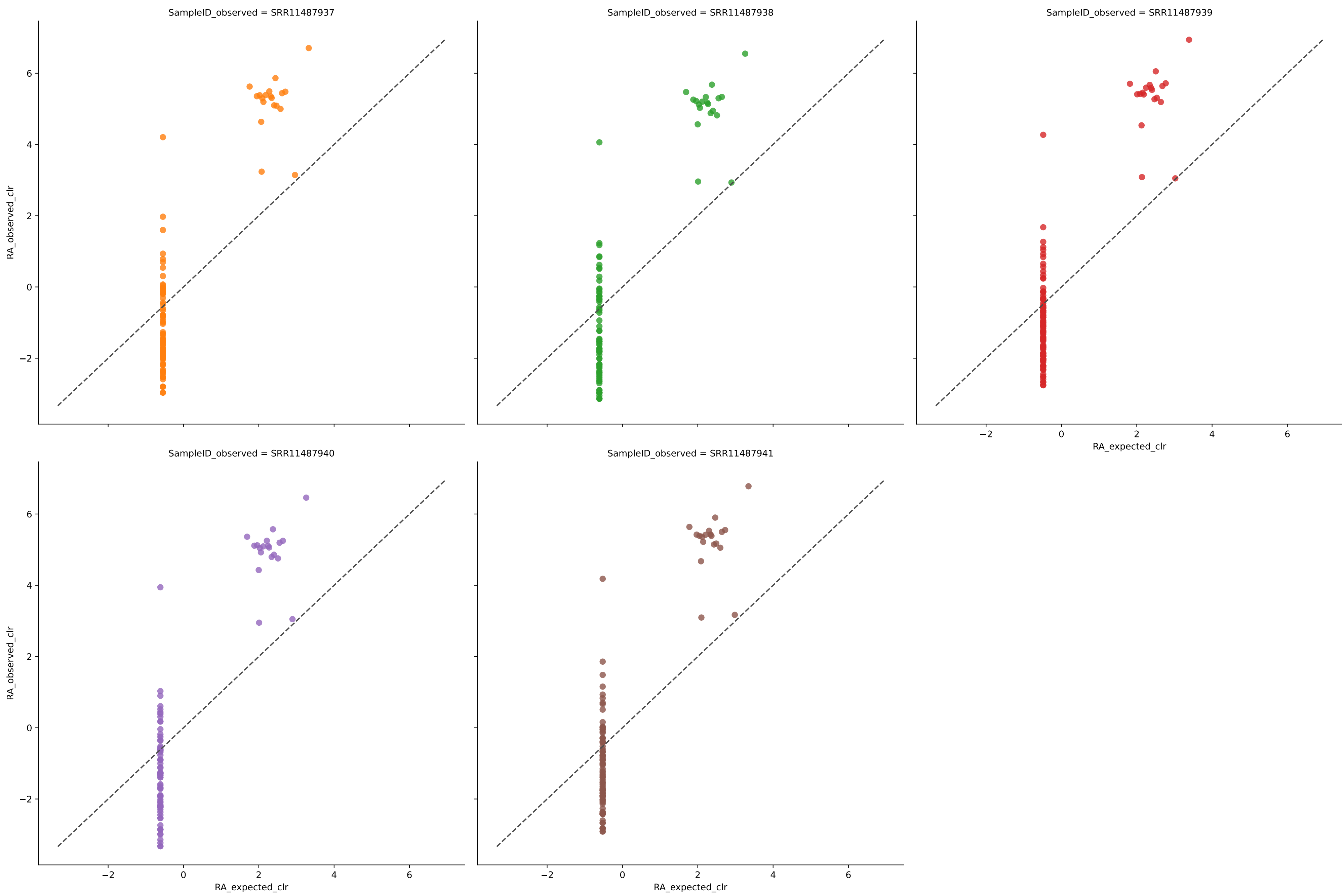
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	188	0.3997	0.0010	18.0867	0.5343	0.0051	100.0000	4.5266
SRR11487932	196	0.3846	0.0010	18.4624	0.5265	0.0051	100.0000	4.5670
SRR11487933	205	0.3945	0.0009	18.6242	0.5346	0.0049	100.0000	4.5228
SRR11487934	189	0.4066	0.0010	18.0536	0.5407	0.0050	100.0000	4.4647
SRR11487935	198	0.4010	0.0009	18.2778	0.5399	0.0049	100.0000	4.4699
Average	195	0.3973	0.0010	18.3009	0.5352	0.0050	100.0000	4.5102

Expected vs. Observed Relative Abundance for species using bio4 in Experiment Amos mixed with filter 1e-05



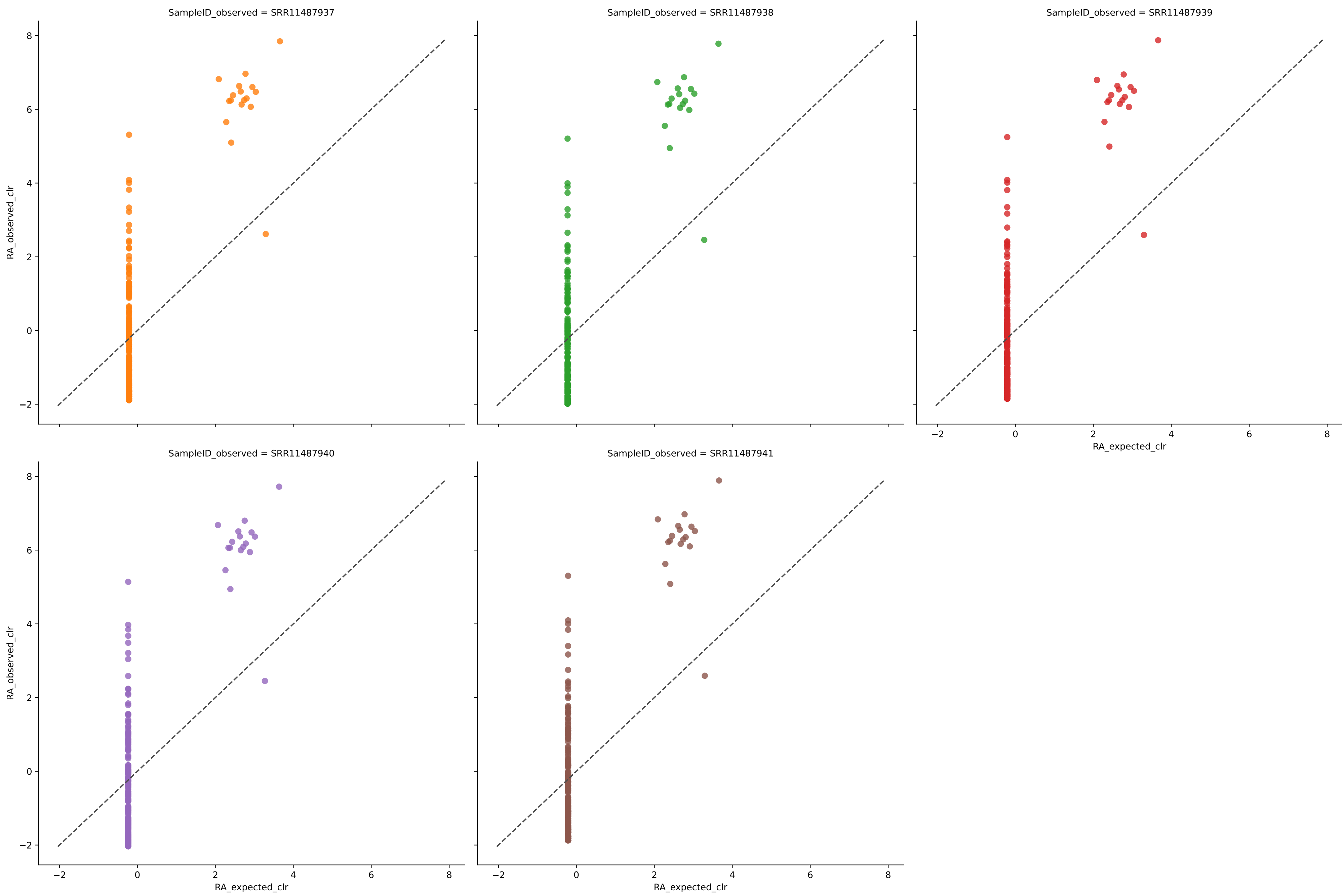
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	19	0.2750	0.0046	5.9654	0.7820	0.0062	100.0000	0.7960
SRR11487938	19	0.3349	0.0044	5.4644	0.7892	0.0060	100.0000	0.6985
SRR11487939	19	0.2702	0.0045	6.6548	0.7857	0.0062	100.0000	0.7874
SRR11487940	19	0.2963	0.0043	5.8315	0.7928	0.0061	100.0000	0.8118
SRR11487941	19	0.3061	0.0044	6.5860	0.7880	0.0061	100.0000	0.7704
Average	19	0.2965	0.0045	6.1004	0.7876	0.0061	100.0000	0.7728

Expected vs. Observed Relative Abundance for species using jams in Experiment Amos mixed with filter 1e-05



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	101	0.7516	0.0008	17.9757	0.7865	0.0026	100.0000	0.5255
SRR11487938	90	0.7448	0.0010	17.9445	0.7862	0.0028	100.0000	0.5167
SRR11487939	114	0.7524	0.0007	18.1793	0.7905	0.0024	100.0000	0.4776
SRR11487940	90	0.7511	0.0009	17.0748	0.7895	0.0027	100.0000	0.5032
SRR11487941	105	0.7539	0.0008	18.1879	0.7893	0.0025	100.0000	0.5088
Average	100	0.7508	0.0009	17.8724	0.7884	0.0026	100.0000	0.5063

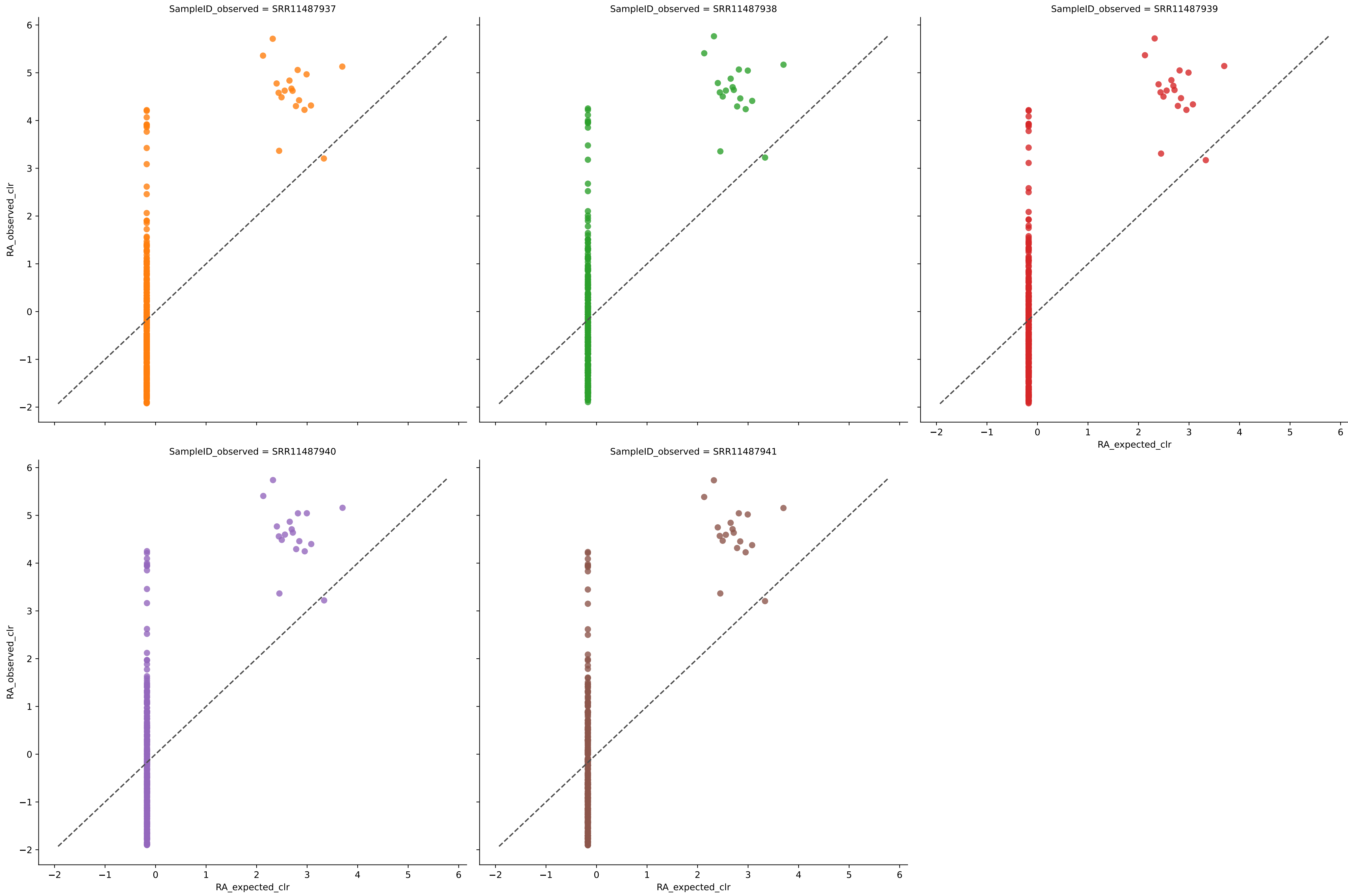
Expected vs. Observed Relative Abundance for species using wgsa in Experiment Amos mixed with filter 1e-05



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	232	0.7436	0.0004	25.3943	0.7631	0.0019	100.0000	1.1247
SRR11487938	220	0.7416	0.0004	24.7745	0.7636	0.0020	100.0000	1.0888
SRR11487939	238	0.7438	0.0004	25.2264	0.7632	0.0019	100.0000	1.1001
SRR11487940	211	0.7425	0.0004	24.5536	0.7642	0.0020	100.0000	1.1293
SRR11487941	234	0.7440	0.0004	25.3786	0.7647	0.0019	100.0000	1.0886
Average	227	0.7431	0.0004	25.0655	0.7638	0.0019	100.0000	1.1063



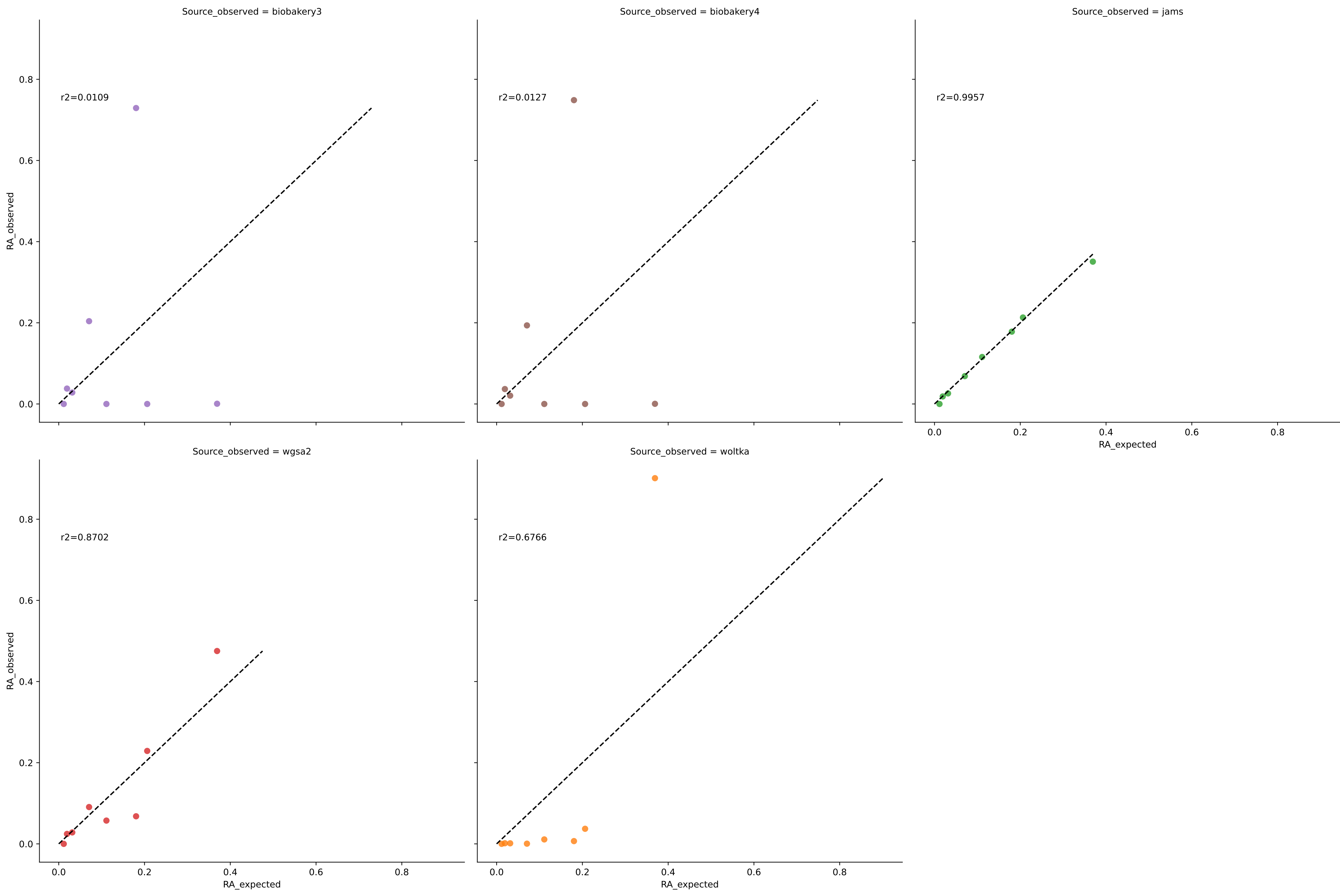
Expected vs. Observed Relative Abundance for species using wol in Experiment Amos mixed with filter 1e-05



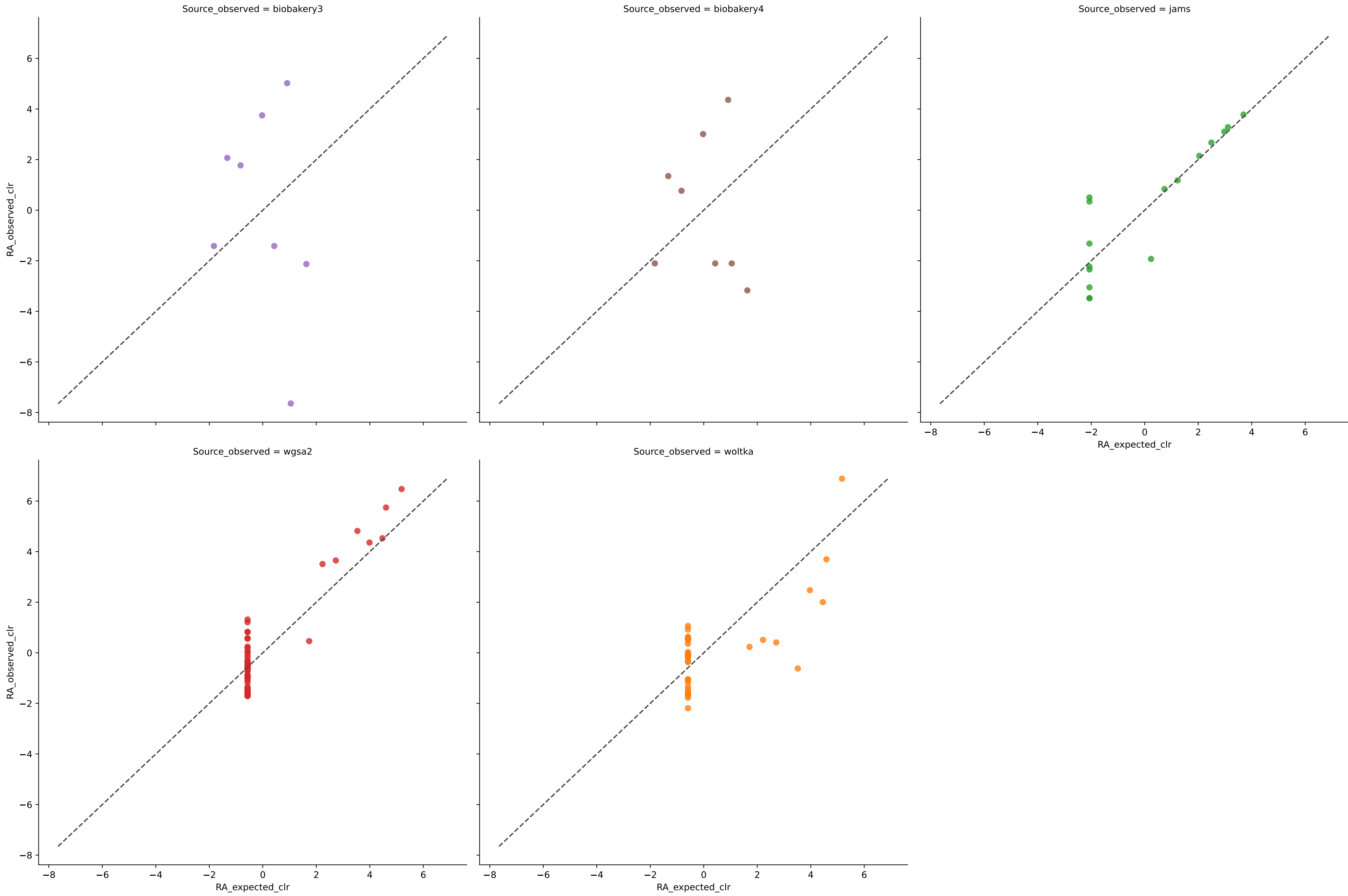
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	299	0.5239	0.0005	22.6633	0.6046	0.0020	100.0000	5.4872
SRR11487938	308	0.5187	0.0005	23.2156	0.5988	0.0020	100.0000	5.5973
SRR11487939	300	0.5257	0.0005	22.8387	0.6062	0.0020	100.0000	5.4916
SRR11487940	308	0.5221	0.0005	23.1817	0.5992	0.0020	100.0000	5.6129
SRR11487941	306	0.5230	0.0005	23.0503	0.6006	0.0020	100.0000	5.5965
Average	304	0.5227	0.0005	22.9899	0.6019	0.0020	100.0000	5.5571



# Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0.0001)

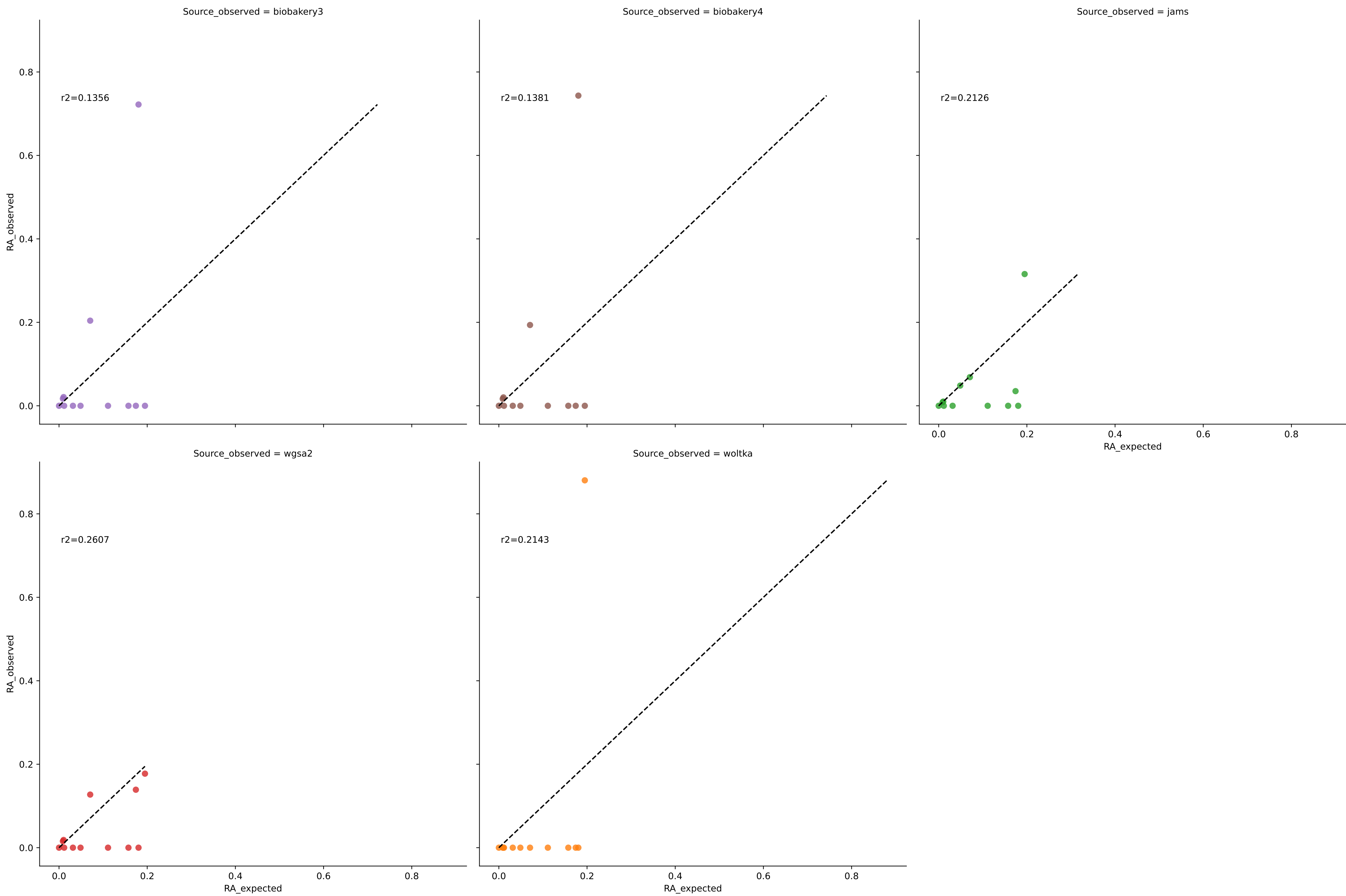


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0.0001)

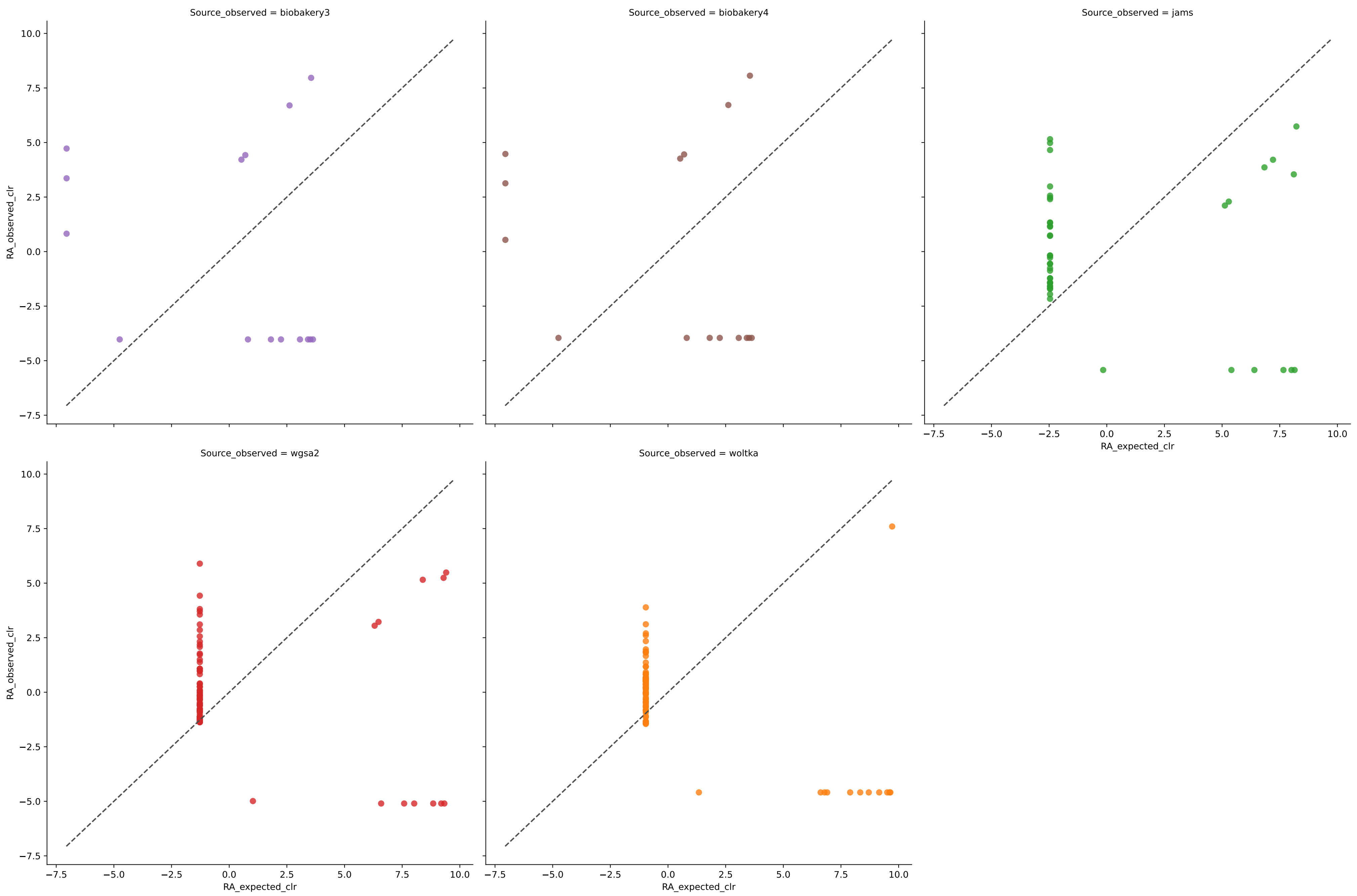


	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.0109	0.1752	11.9443	0.2991	0.2526	75.0000	0.0000
biobakery4	8	0.0127	0.1772	8.3828	0.2912	0.2573	62.5000	0.0000
jams	16	0.9956	0.0051	4.7767	0.9594	0.0075	87.5000	2.9122
wgsa2	58	0.9060	0.0062	6.4206	0.8190	0.0219	87.5000	2.6902
woltka	56	0.6253	0.0204	8.3467	0.4276	0.0800	87.5000	4.0480

# Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0.0001)

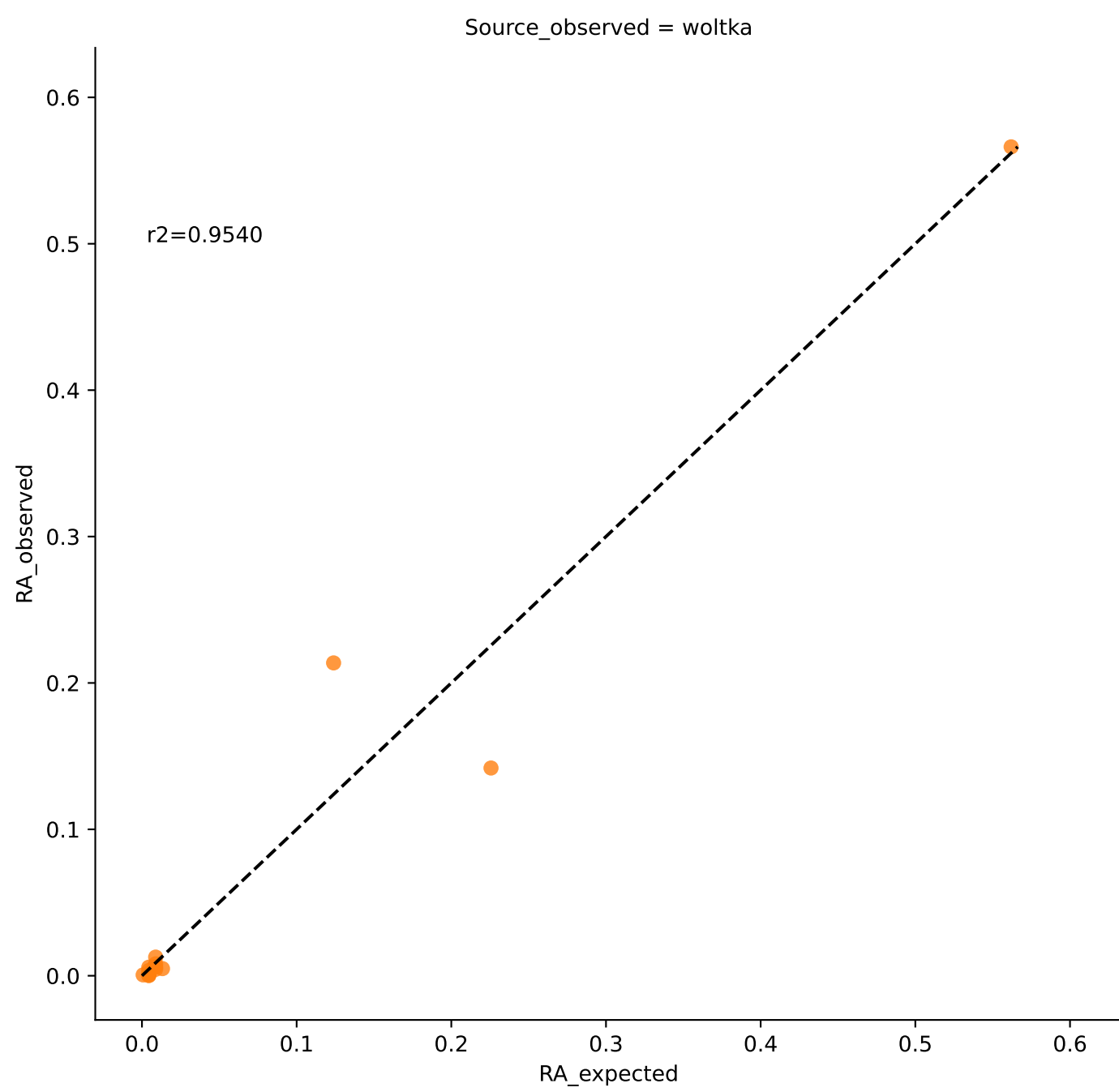
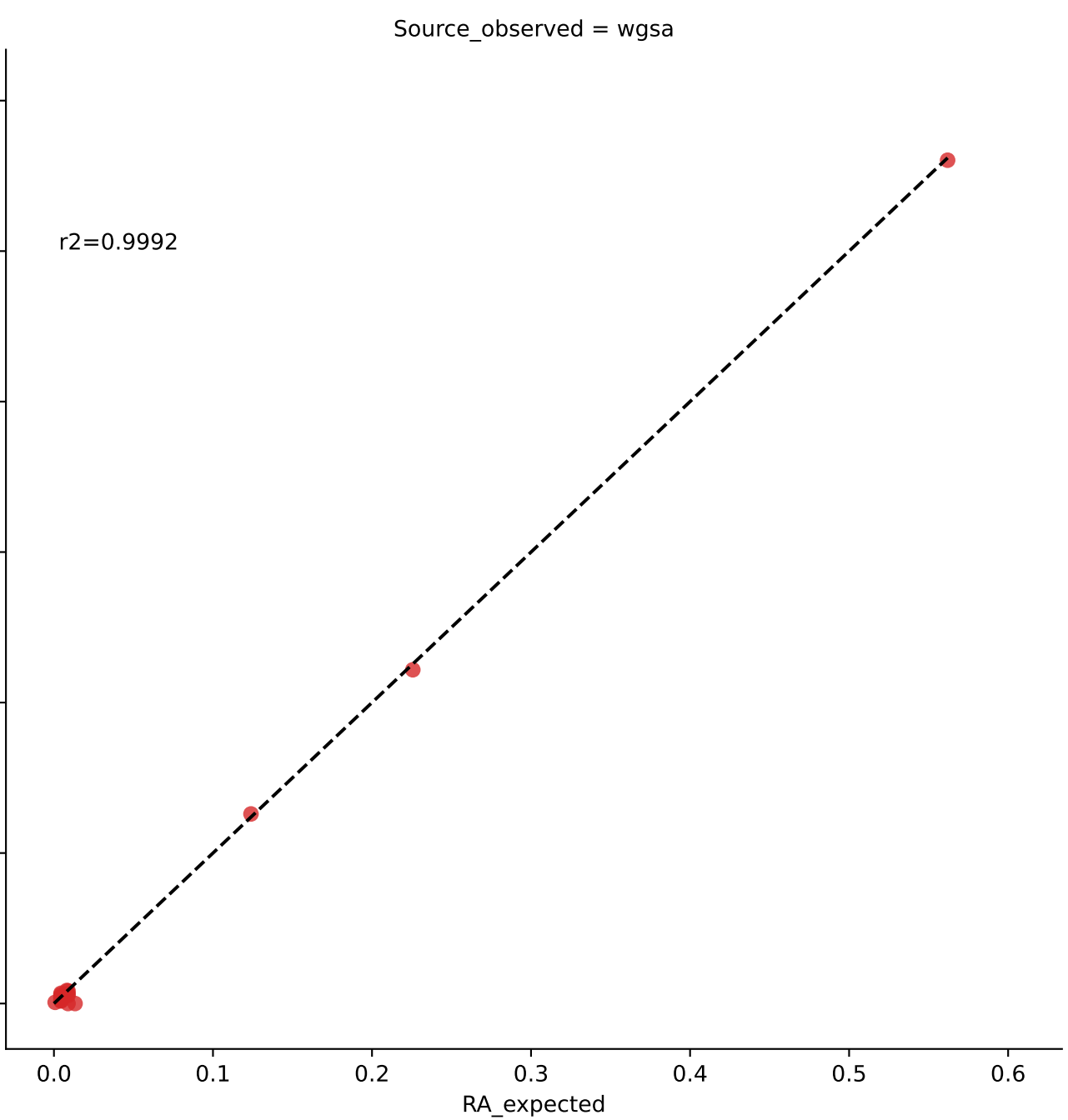
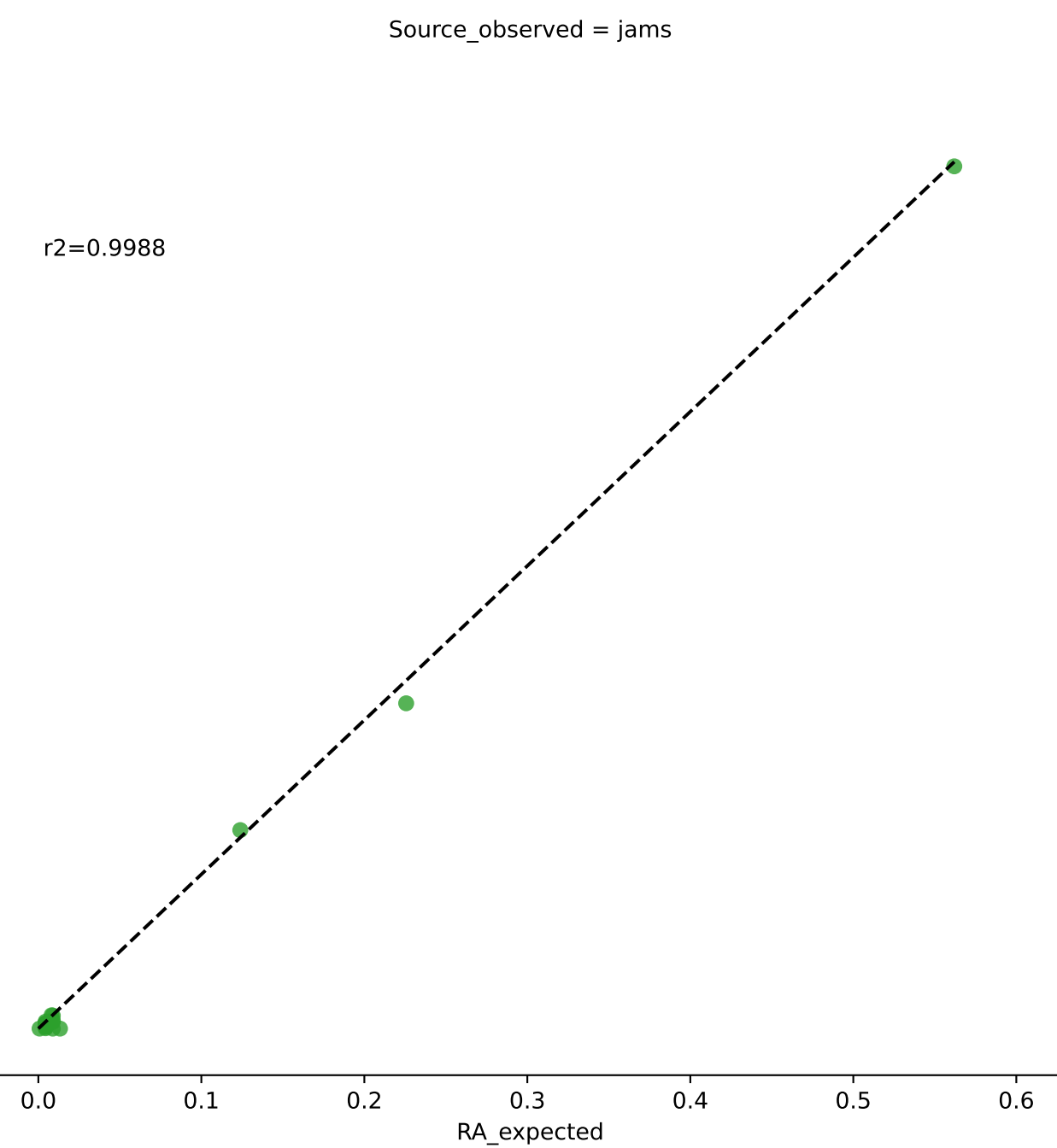
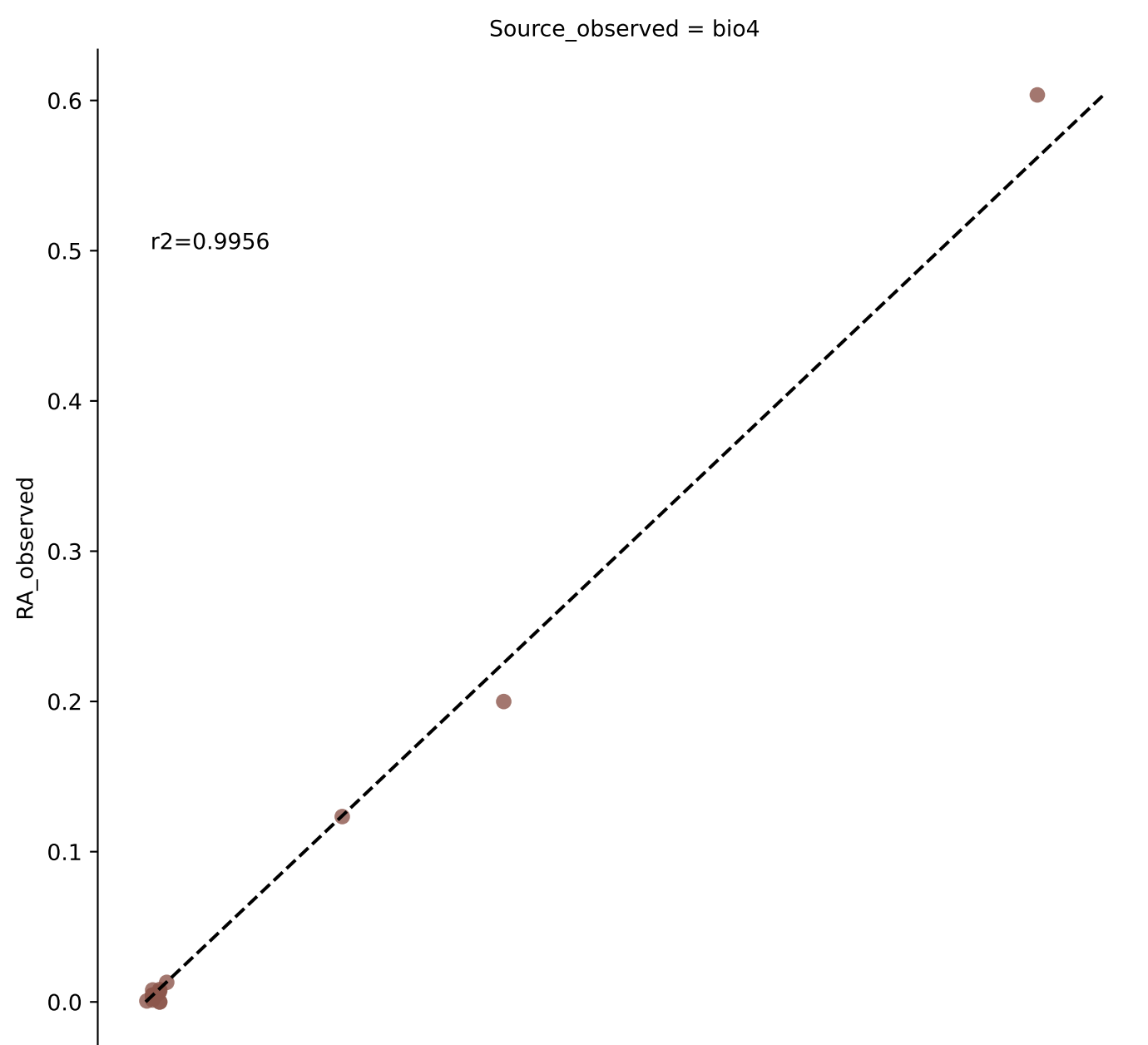


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0.0001)

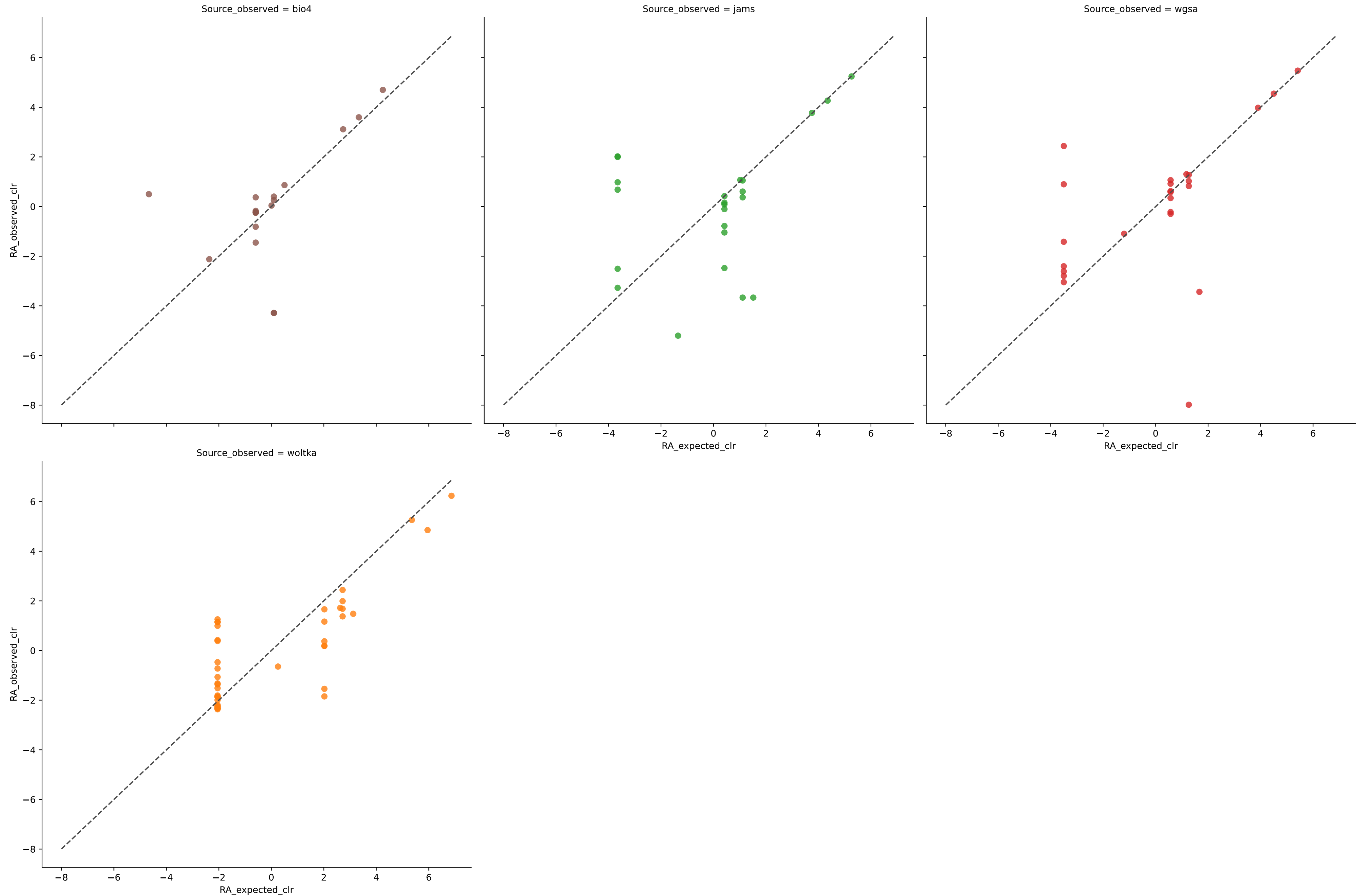


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	15	0.1539	0.0973	26.2902	0.2702	0.1676	33.3333	3.6044
biobakery4	15	0.1578	0.0973	25.9132	0.2702	0.1716	33.3333	2.6303
jams	43	0.1446	0.0295	35.5374	0.3656	0.0629	50.0000	51.3670
wgsa2	83	0.1744	0.0143	38.9001	0.4062	0.0434	50.0000	52.2500
woltka	110	0.2503	0.0146	44.6628	0.1949	0.0726	8.3333	11.9647

# Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 0.0001)

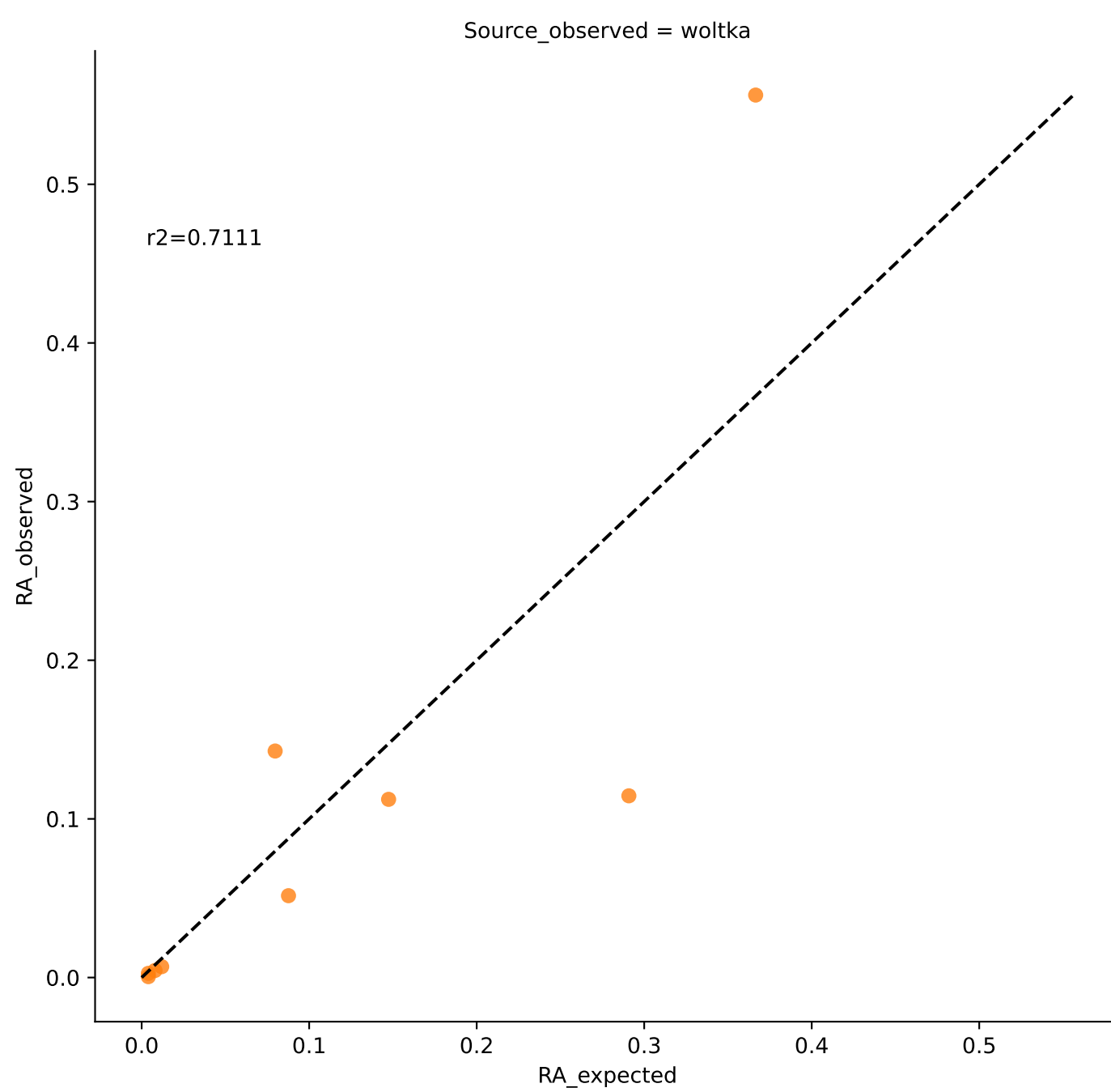
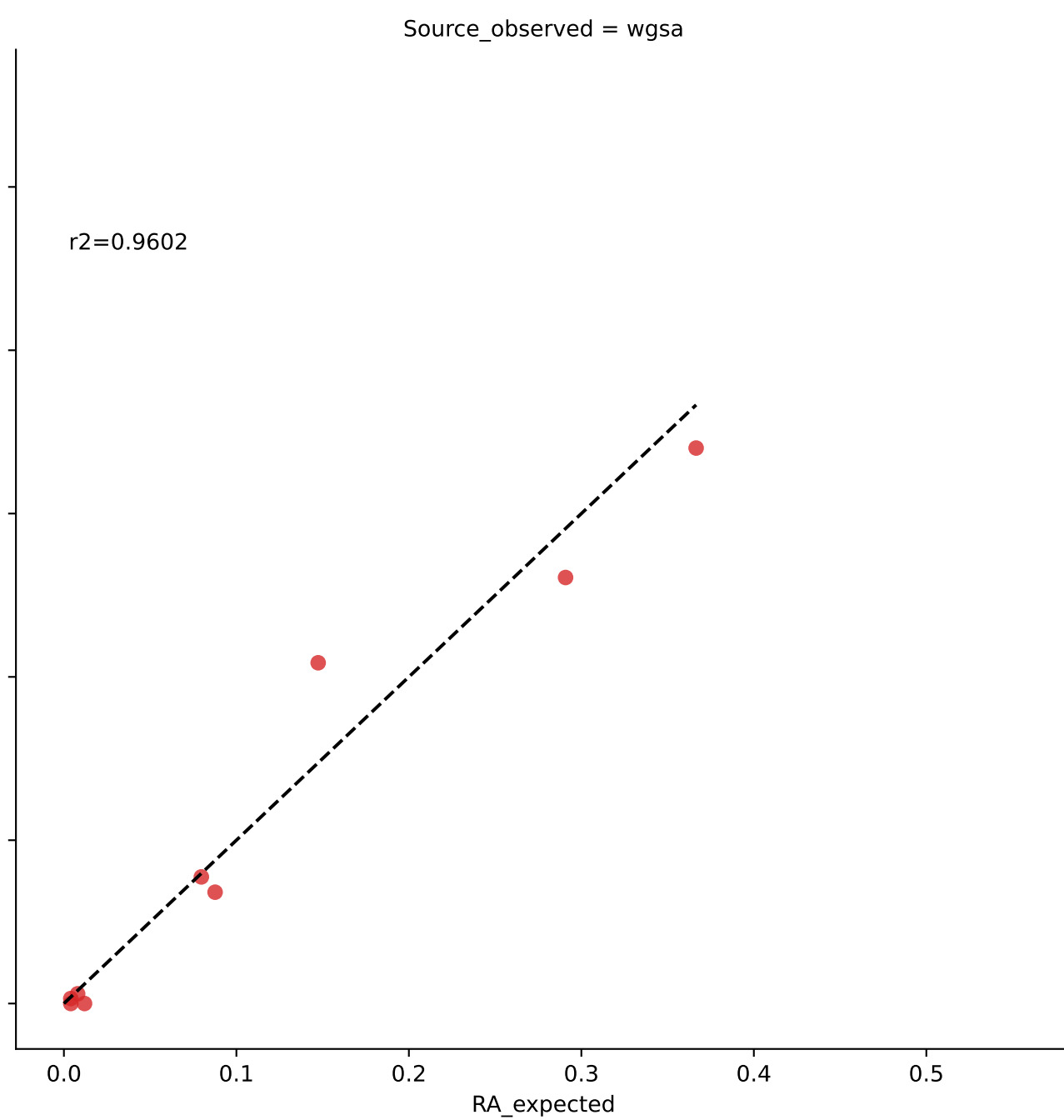
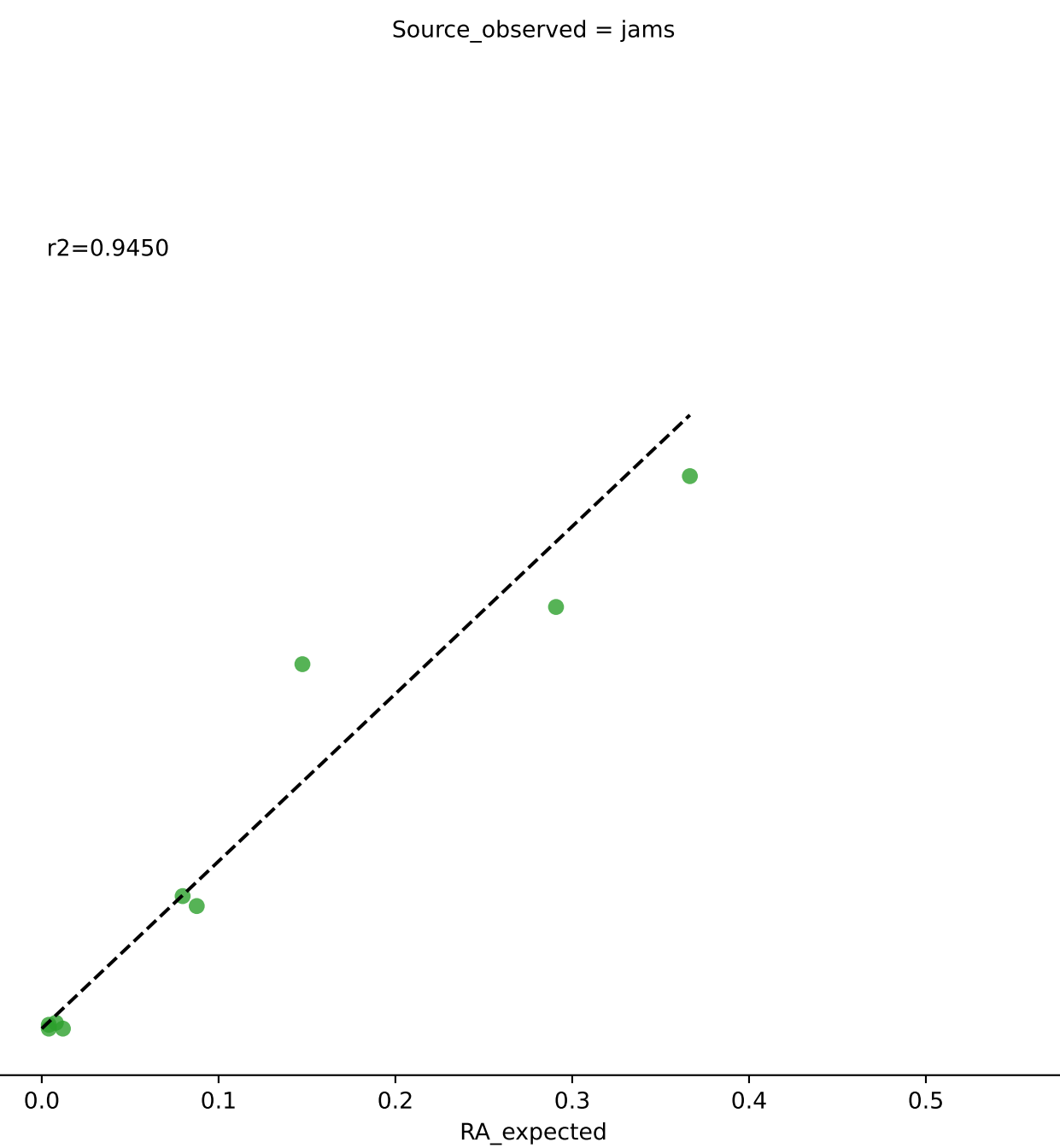
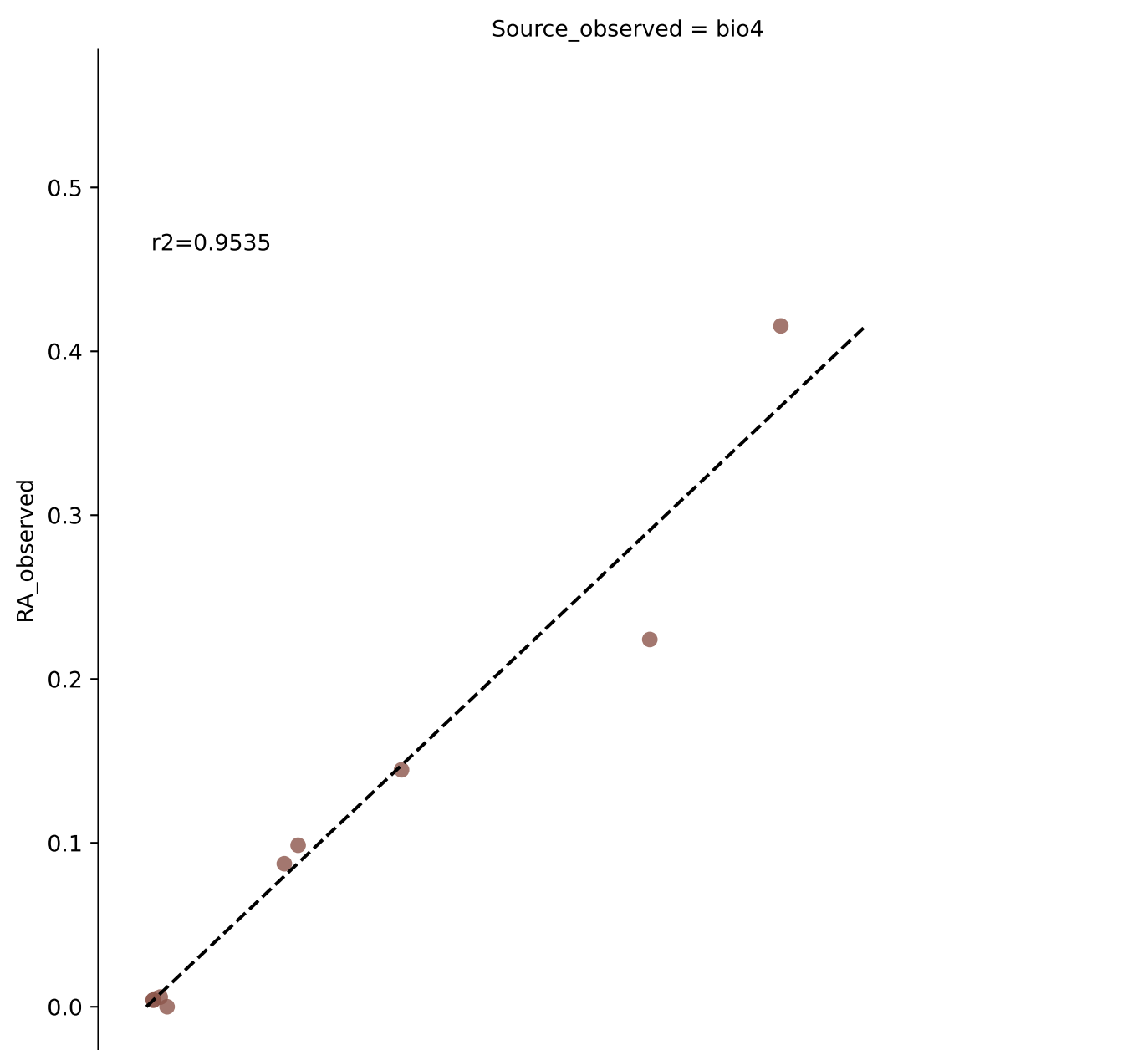


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 0.0001)

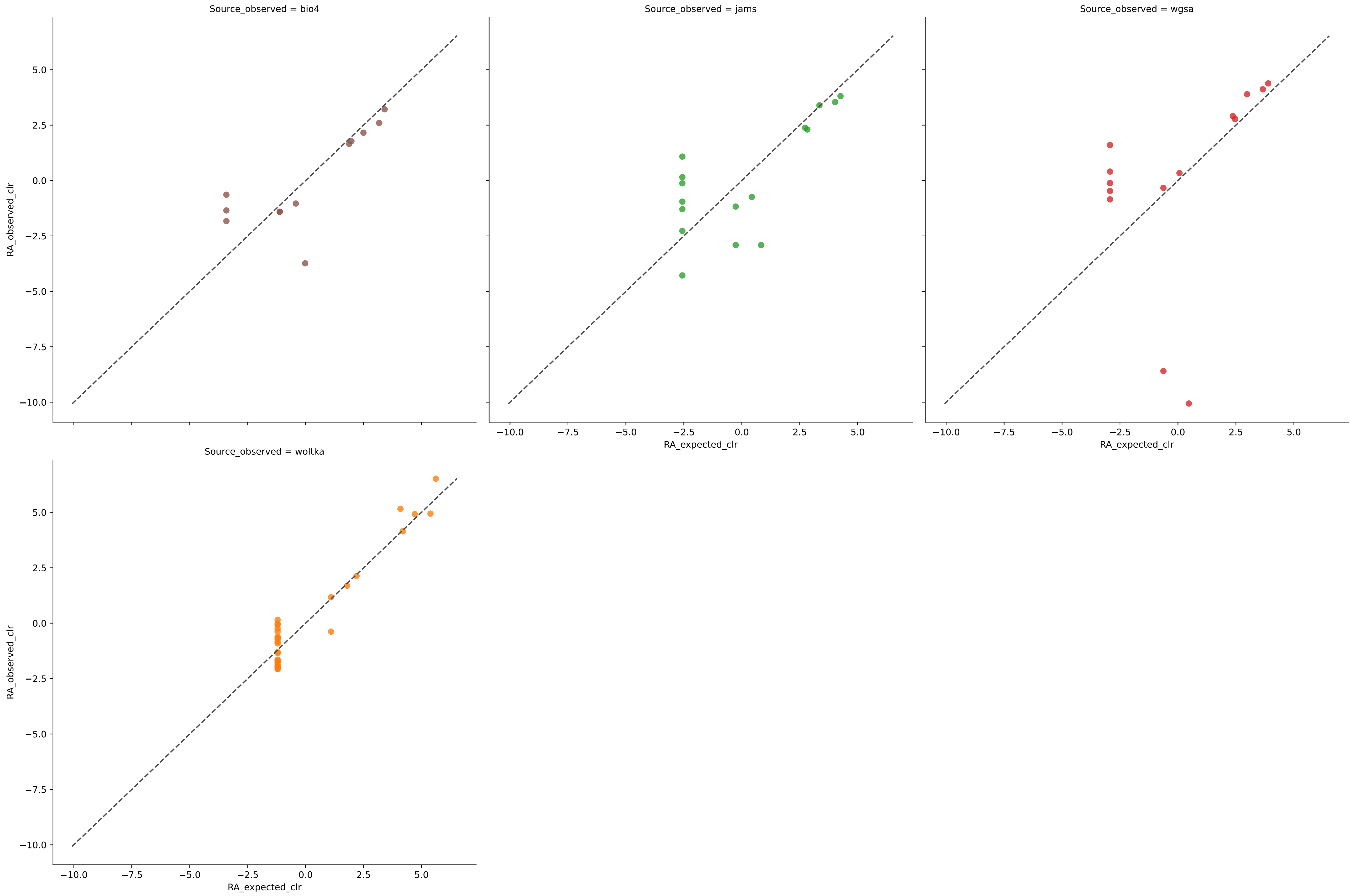


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	18	0.9952	0.0061	8.2529	0.9455	0.0122	88.2353	0.9028
jams	23	0.9952	0.0055	13.5480	0.9365	0.0085	88.2353	5.8089
wgsa	24	0.9969	0.0034	13.2406	0.9596	0.0067	94.1176	3.3857
woltka	41	0.9579	0.0059	10.3499	0.8794	0.0193	100.0000	2.1270

# Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0.0001)



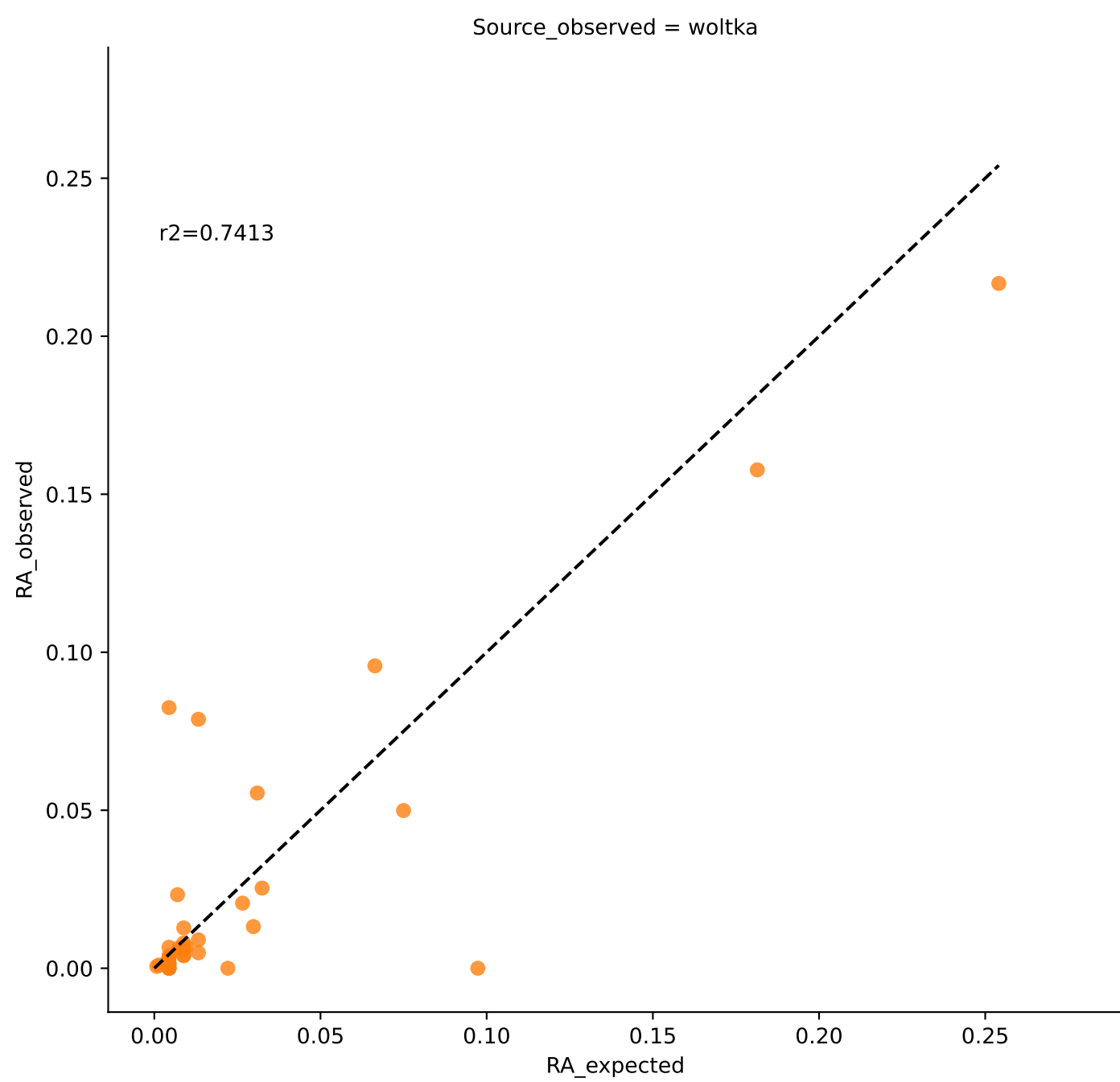
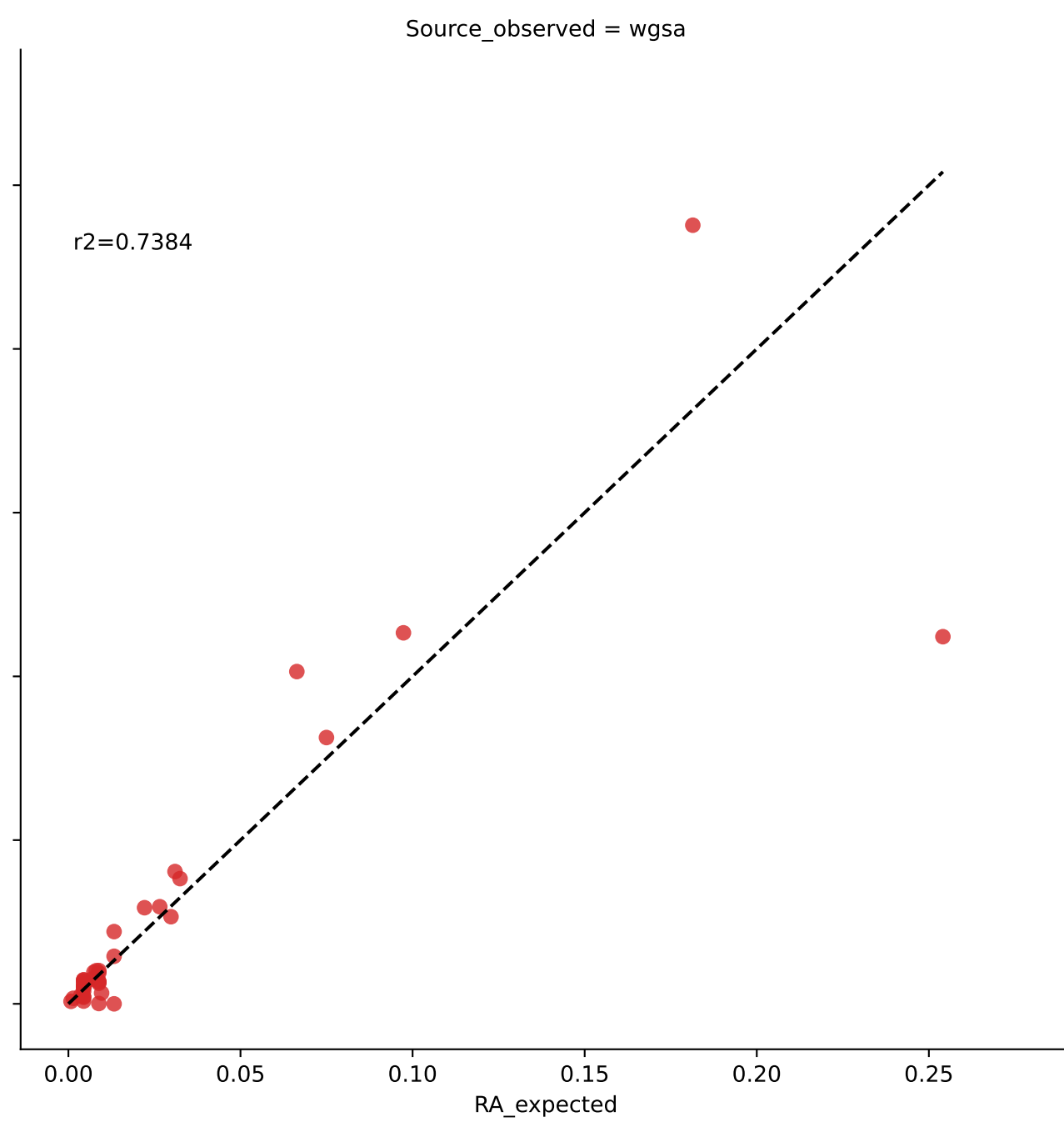
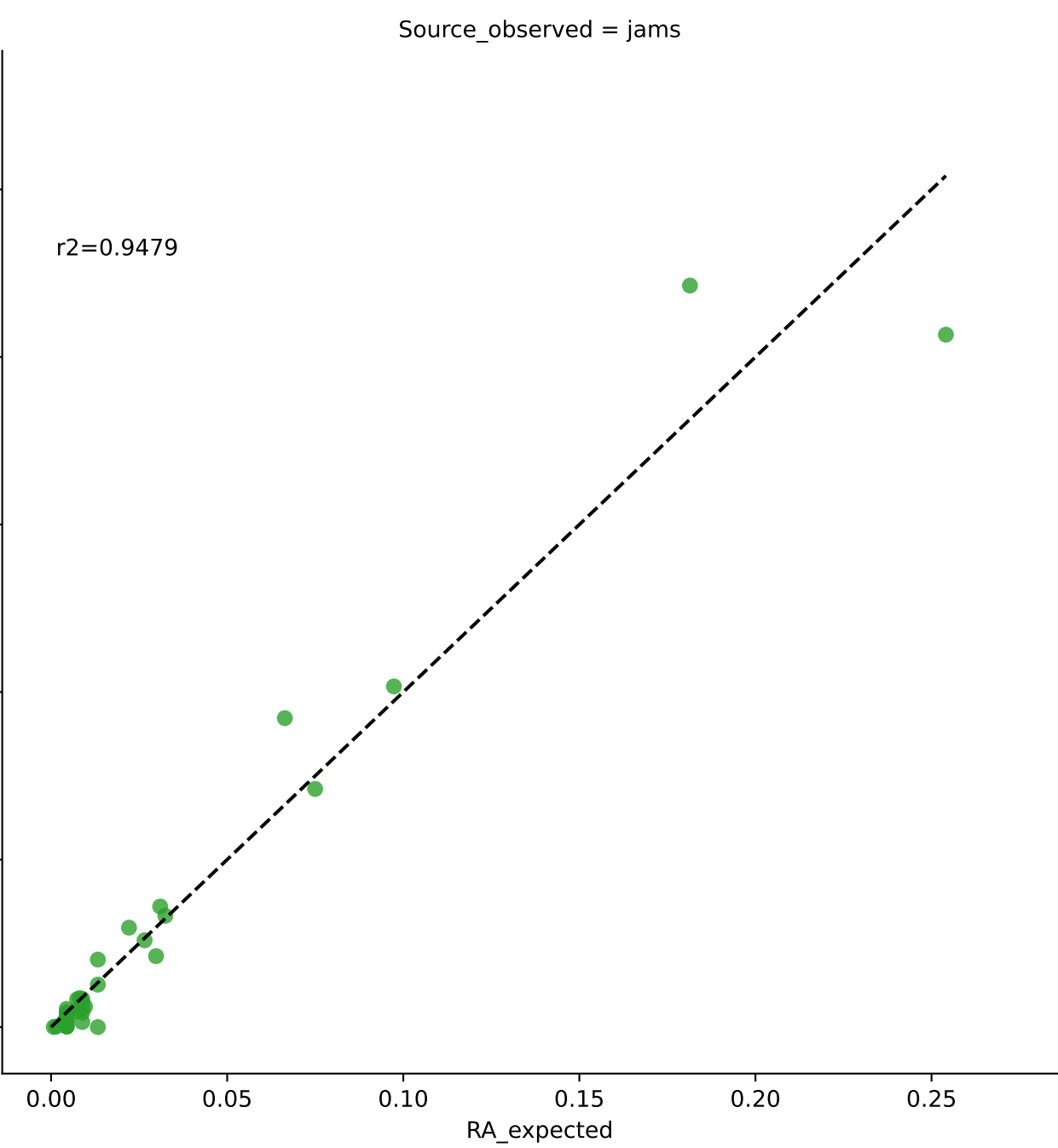
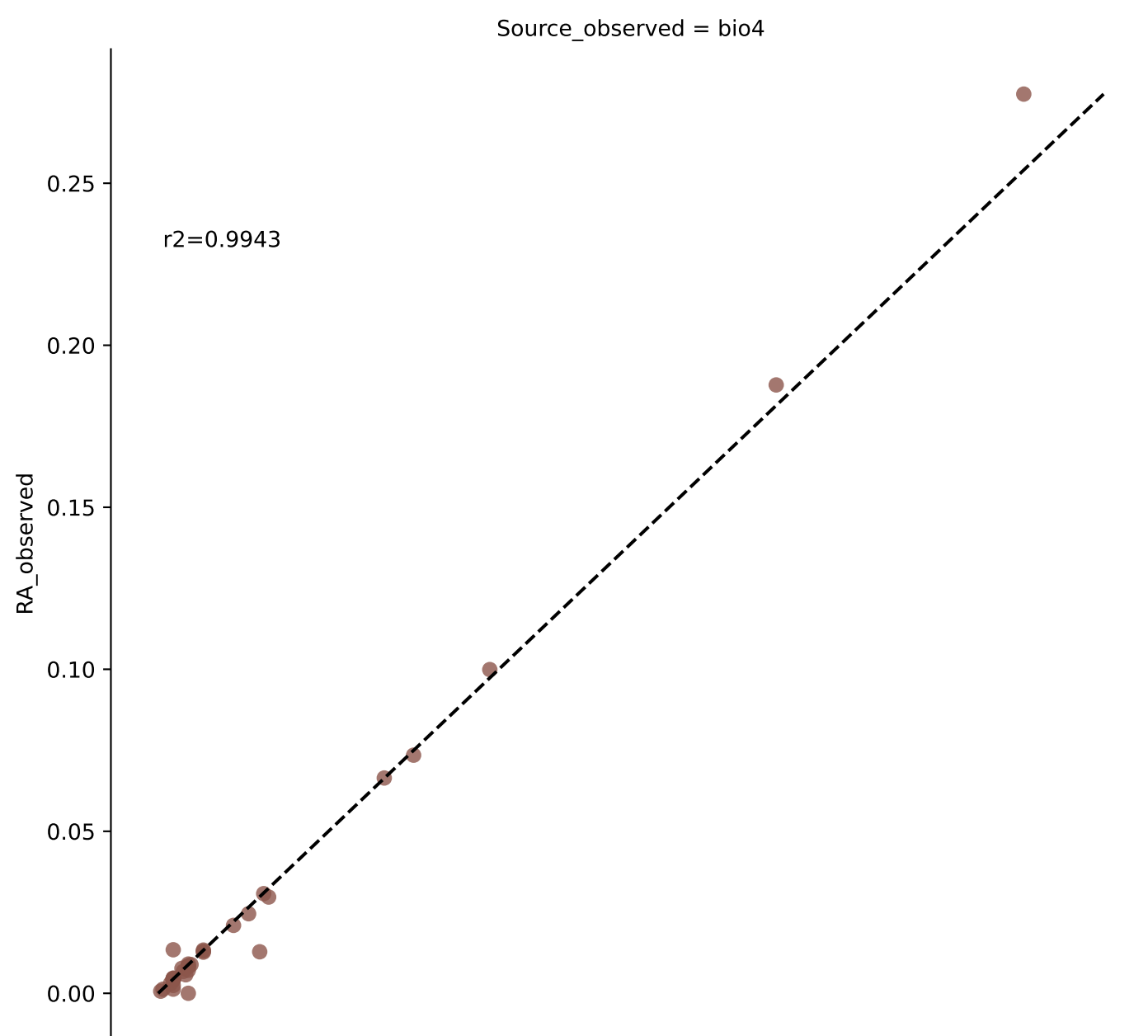
Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0.0001)



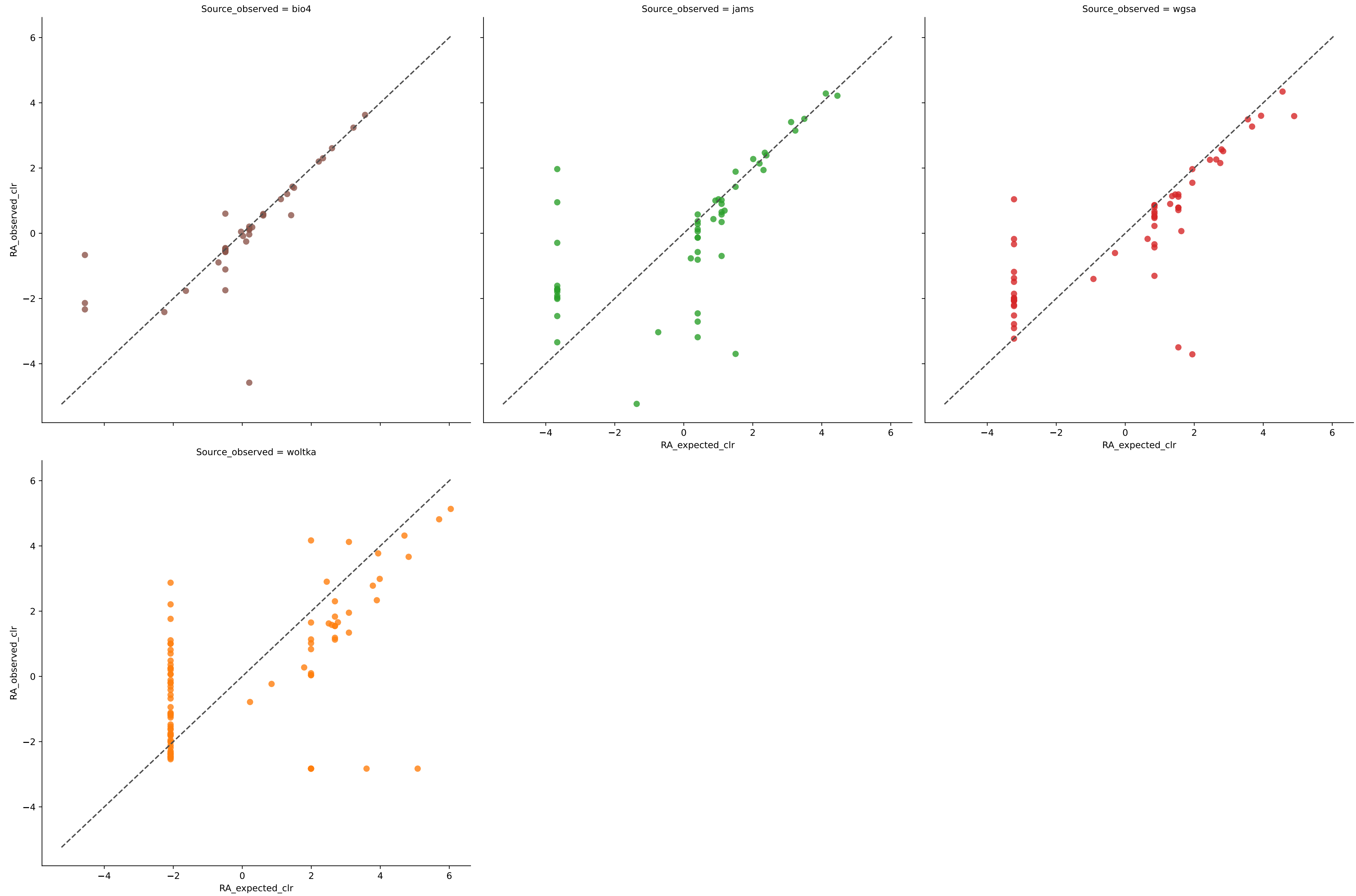
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	12	0.9591	0.0139	5.4279	0.9165	0.0246	88.8889	1.5800
jams	16	0.9559	0.0141	7.6154	0.8874	0.0234	77.7778	4.2268
wgsa	14	0.9659	0.0138	15.0382	0.9031	0.0214	100.0000	3.5674
woltka	34	0.7791	0.0153	4.2139	0.7392	0.0465	100.0000	0.8025



# Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 0.0001)

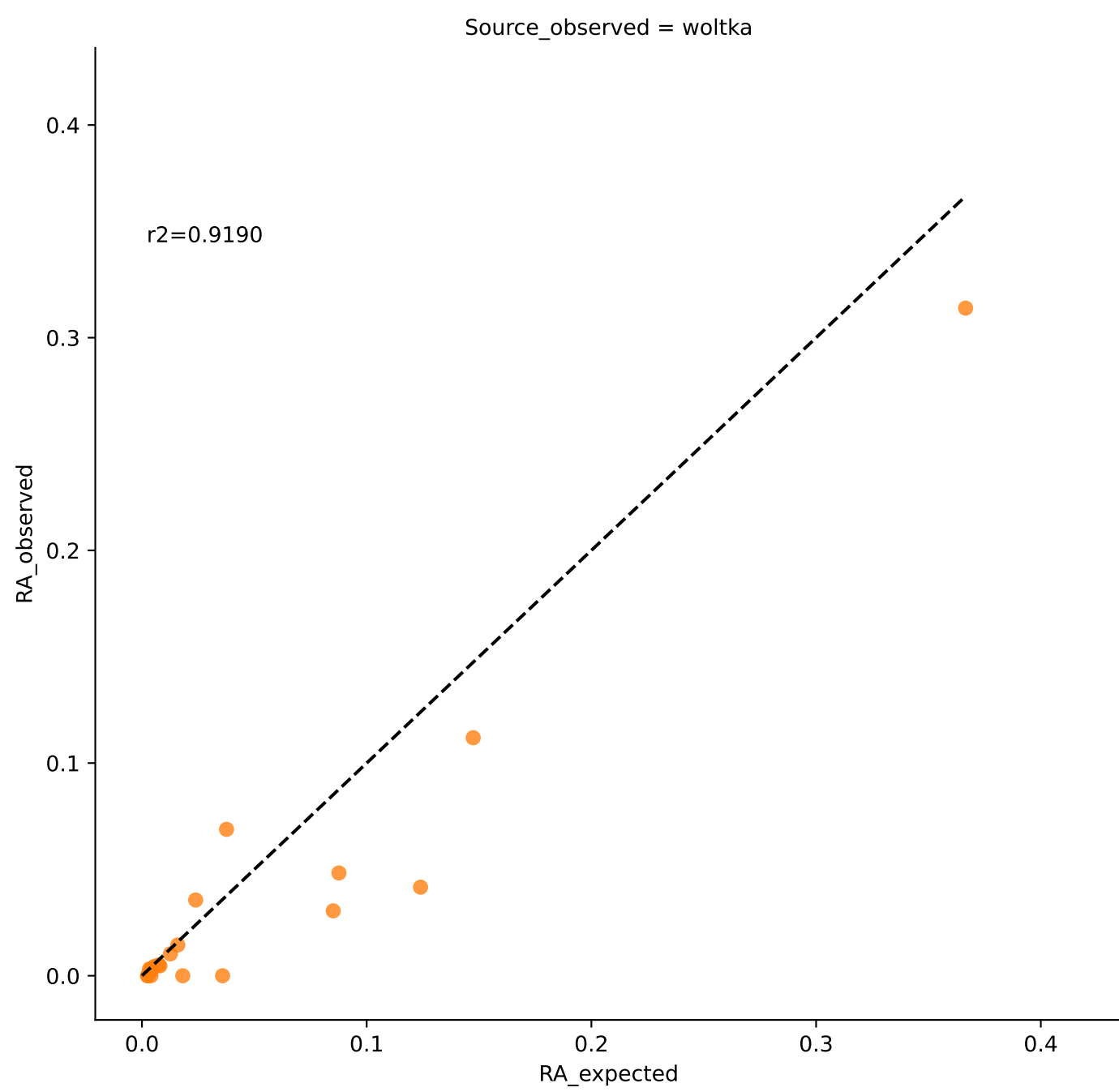
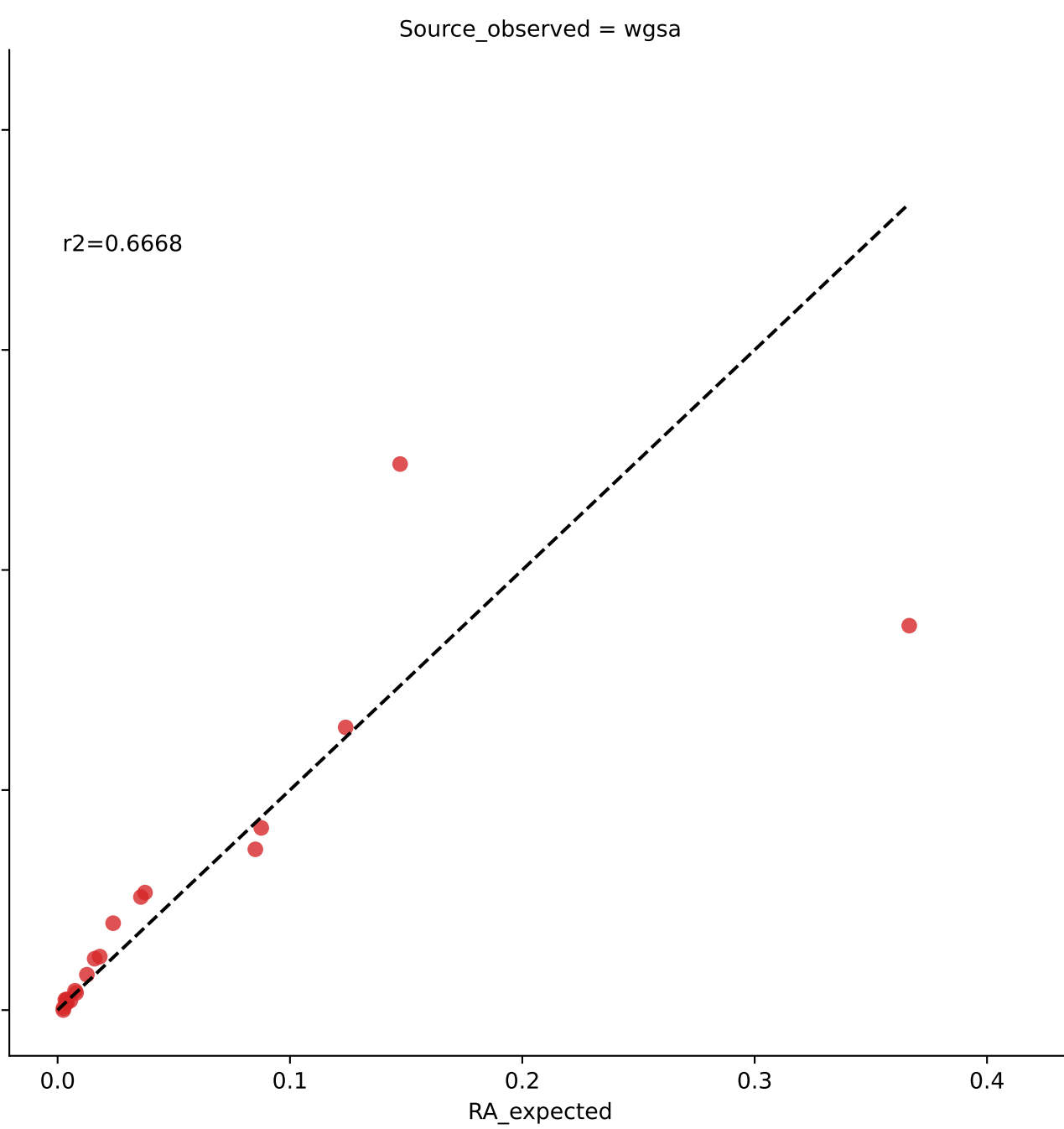
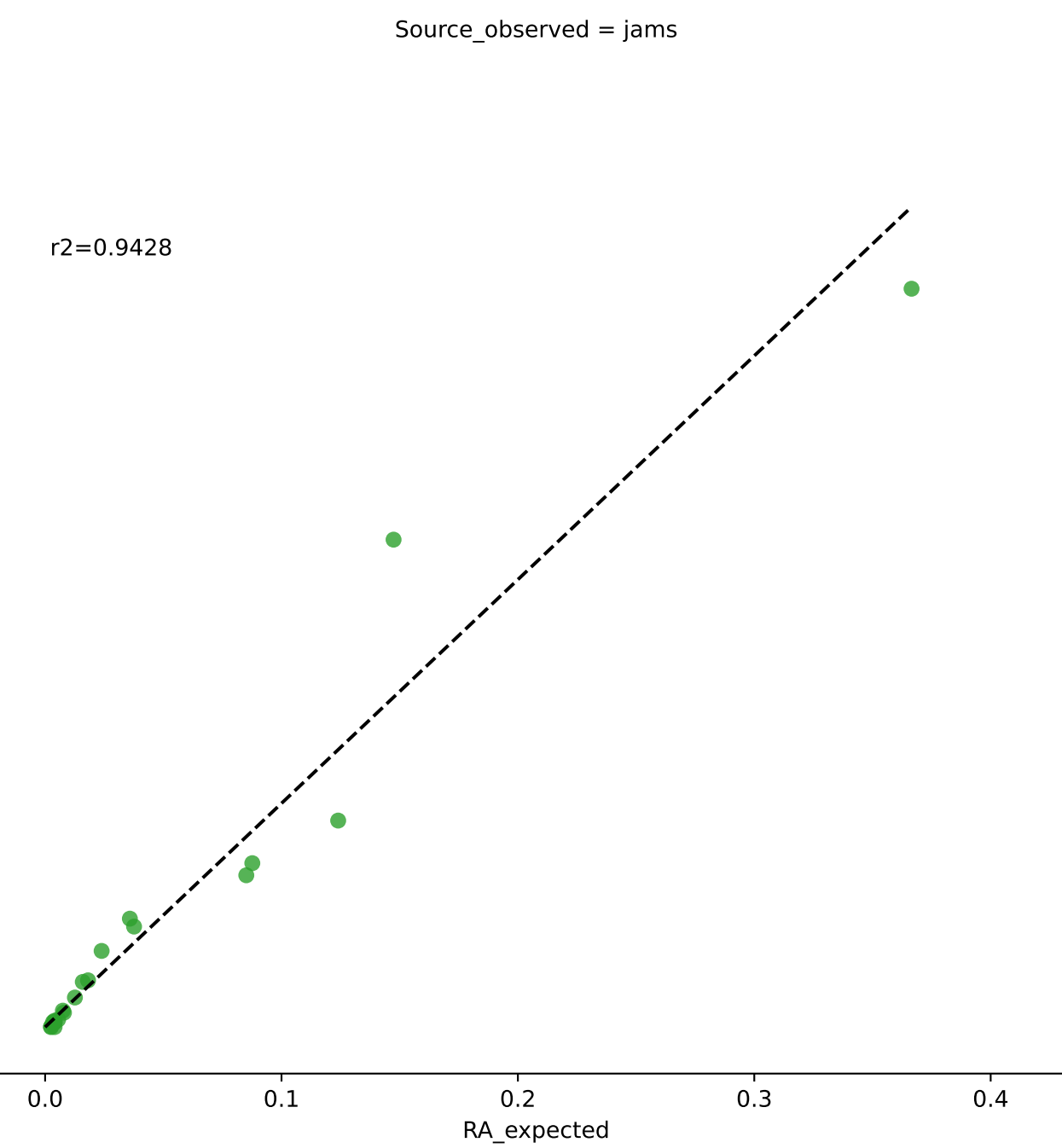
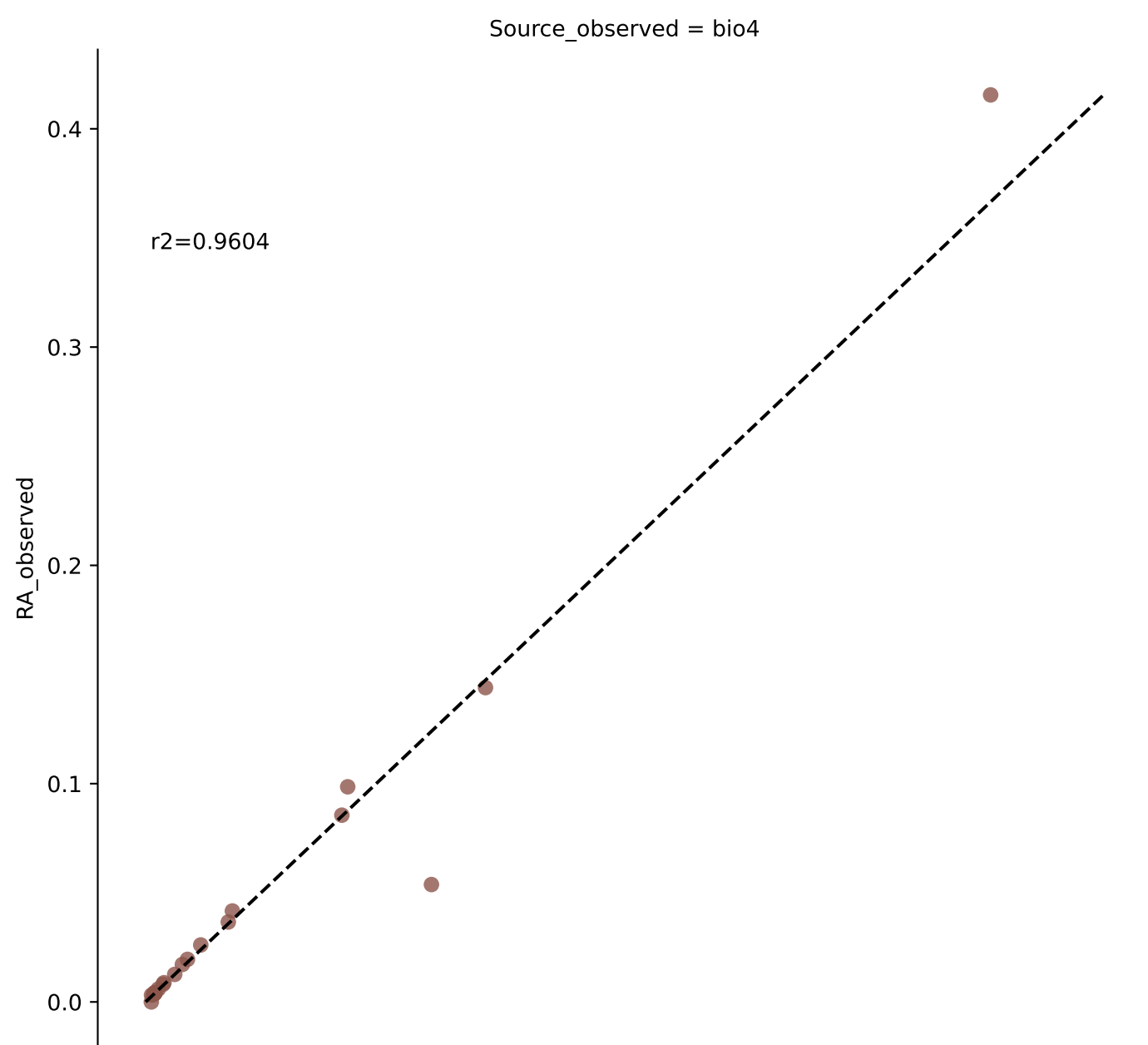


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 0.0001)

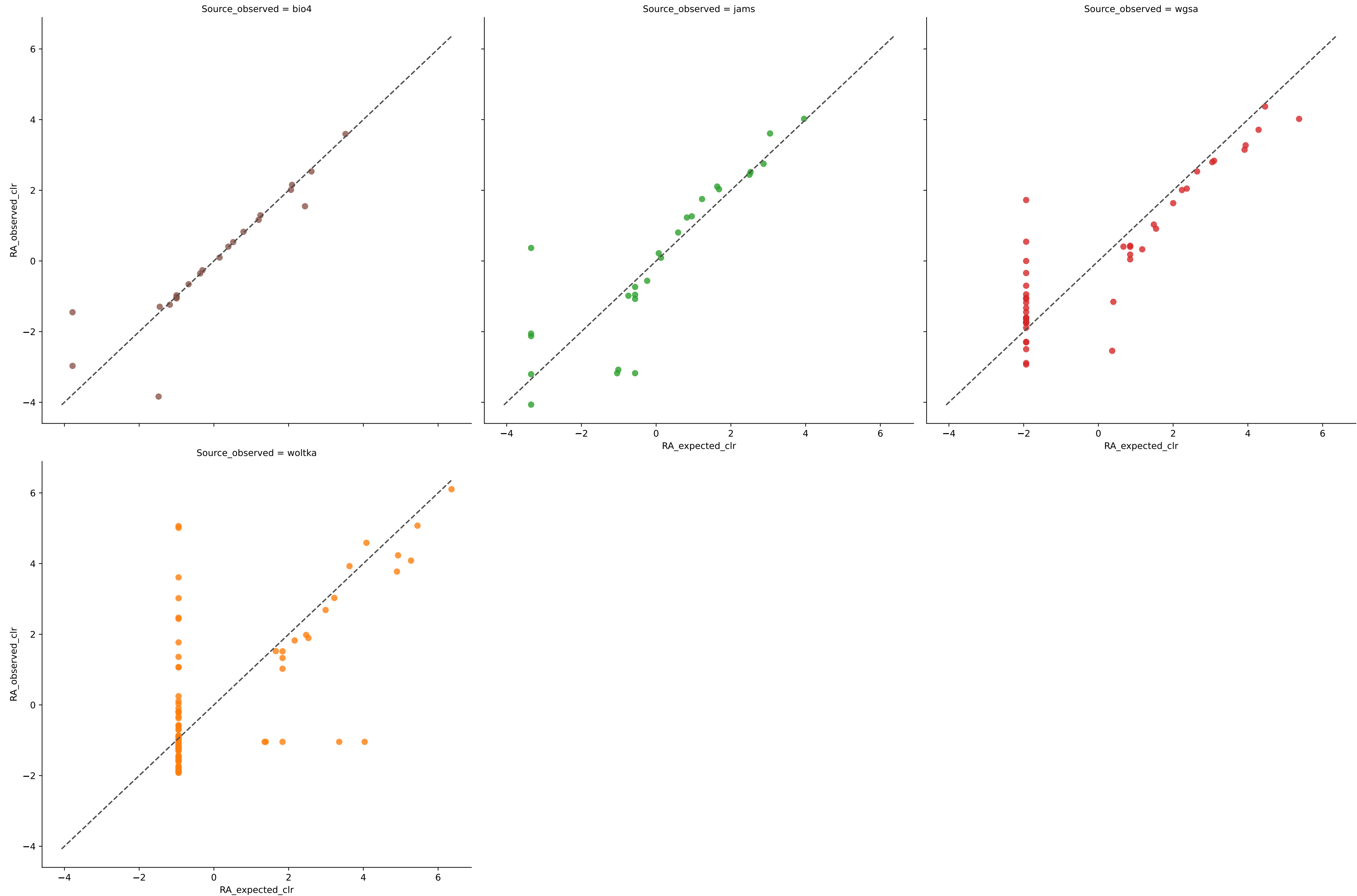


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	41	0.9939	0.0024	7.2913	0.9518	0.0052	97.3684	0.5366
jams	51	0.9454	0.0051	13.4559	0.8709	0.0105	97.3684	3.6342
wgsa	58	0.7592	0.0066	11.6458	0.8099	0.0210	97.3684	2.0684
woltka	90	0.7668	0.0067	20.3641	0.6979	0.0170	84.2105	8.2330

# Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 0.0001)

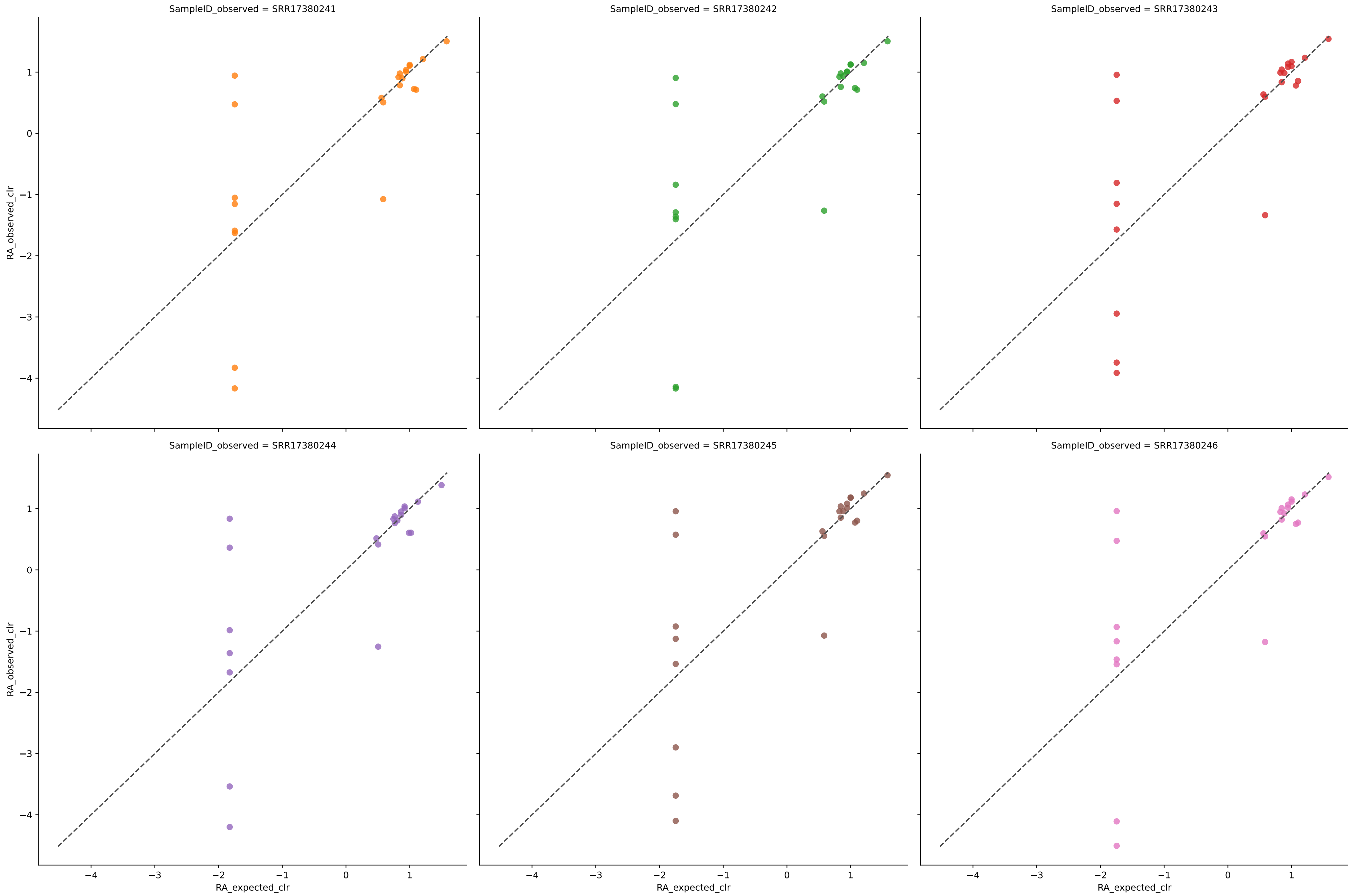


Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 0.0001)



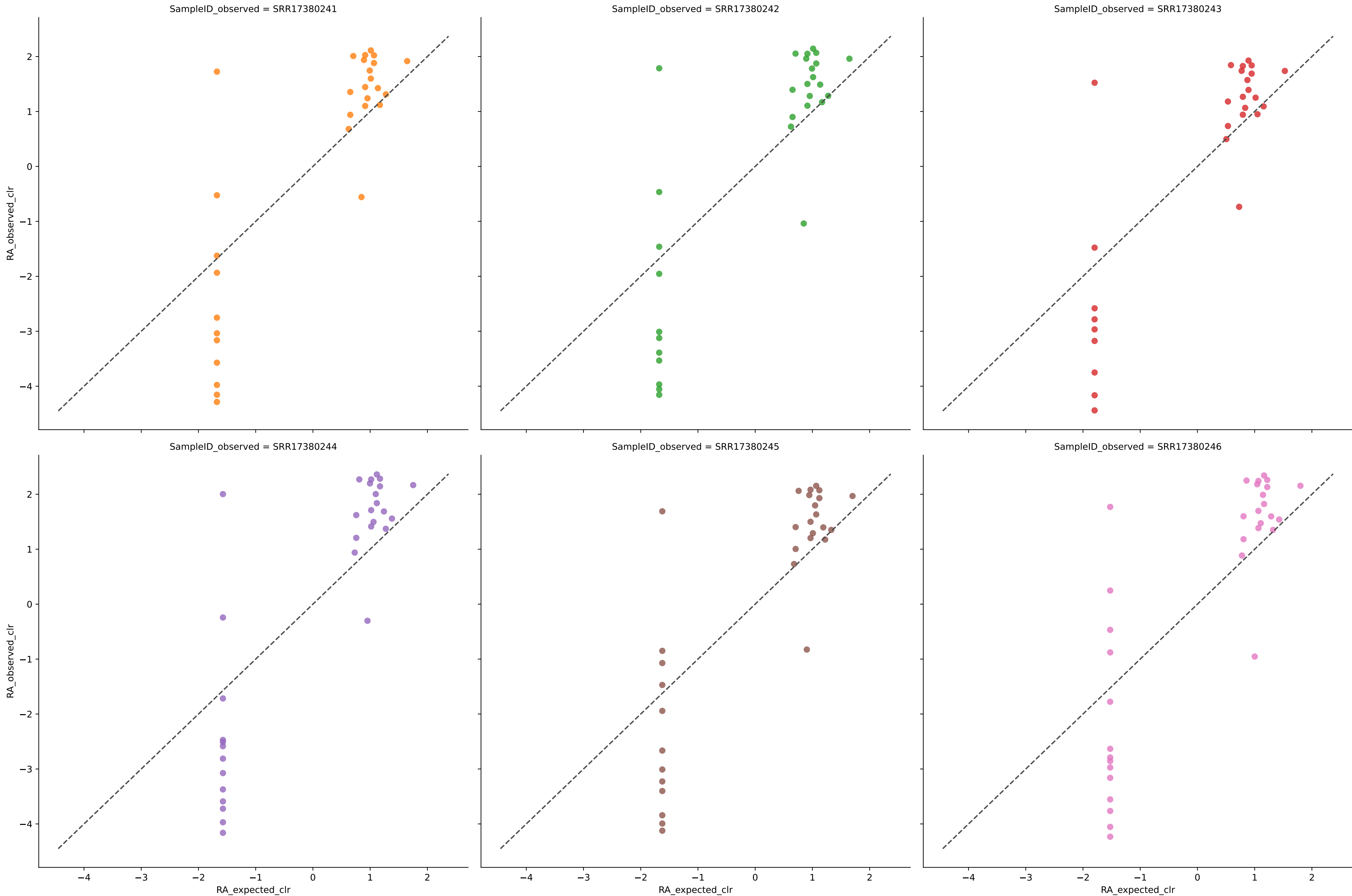
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	23	0.9610	0.0066	3.5363	0.9239	0.0181	95.2381	0.3265
jams	26	0.9457	0.0091	5.9183	0.8816	0.0178	90.4762	1.0330
wgsa	45	0.7150	0.0096	7.1627	0.7850	0.0328	95.2381	4.1605
woltka	92	0.7637	0.0074	15.6568	0.6576	0.0215	76.1905	29.9434

Expected vs. Observed Relative Abundance for species using bio4 in Experiment tourlousse with filter 0.0001



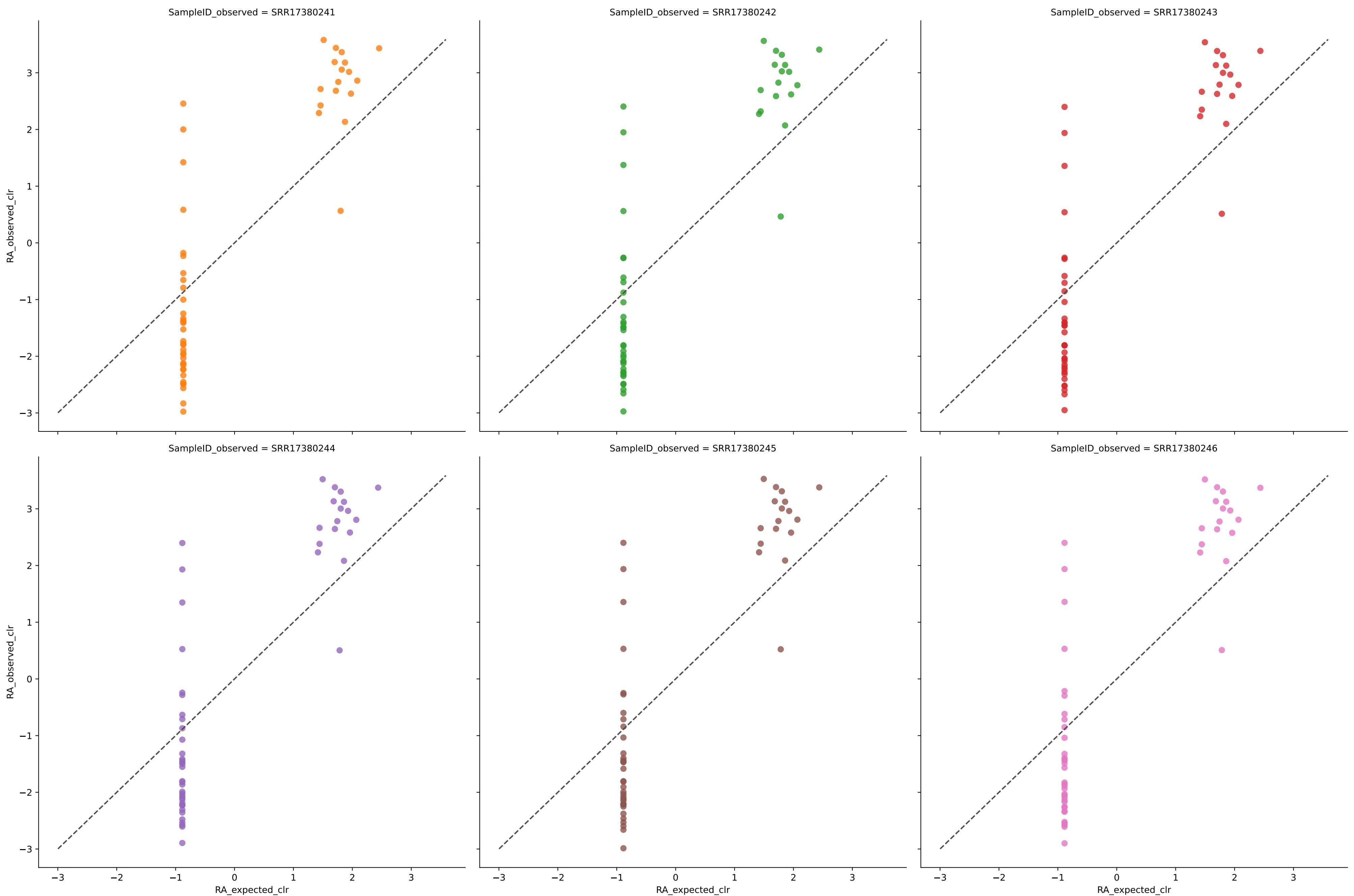
	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	23	0.6987	0.0019	5.1315	0.8675	0.0031	100.0000	2.0704
SRR17380242	23	0.7011	0.0019	5.3508	0.8641	0.0031	100.0000	2.0926
SRR17380243	23	0.7078	0.0019	5.2817	0.8692	0.0031	100.0000	1.9971
SRR17380244	22	0.6743	0.0019	4.9872	0.8691	0.0032	100.0000	1.9950
SRR17380245	23	0.7032	0.0019	5.2463	0.8686	0.0031	100.0000	2.0260
SRR17380246	23	0.7019	0.0019	5.4774	0.8679	0.0031	100.0000	2.0674
Average	23	0.6978	0.0019	5.2458	0.8677	0.0031	100.0000	2.0414

Expected vs. Observed Relative Abundance for species using jams in Experiment tourlousse with filter 0.0001



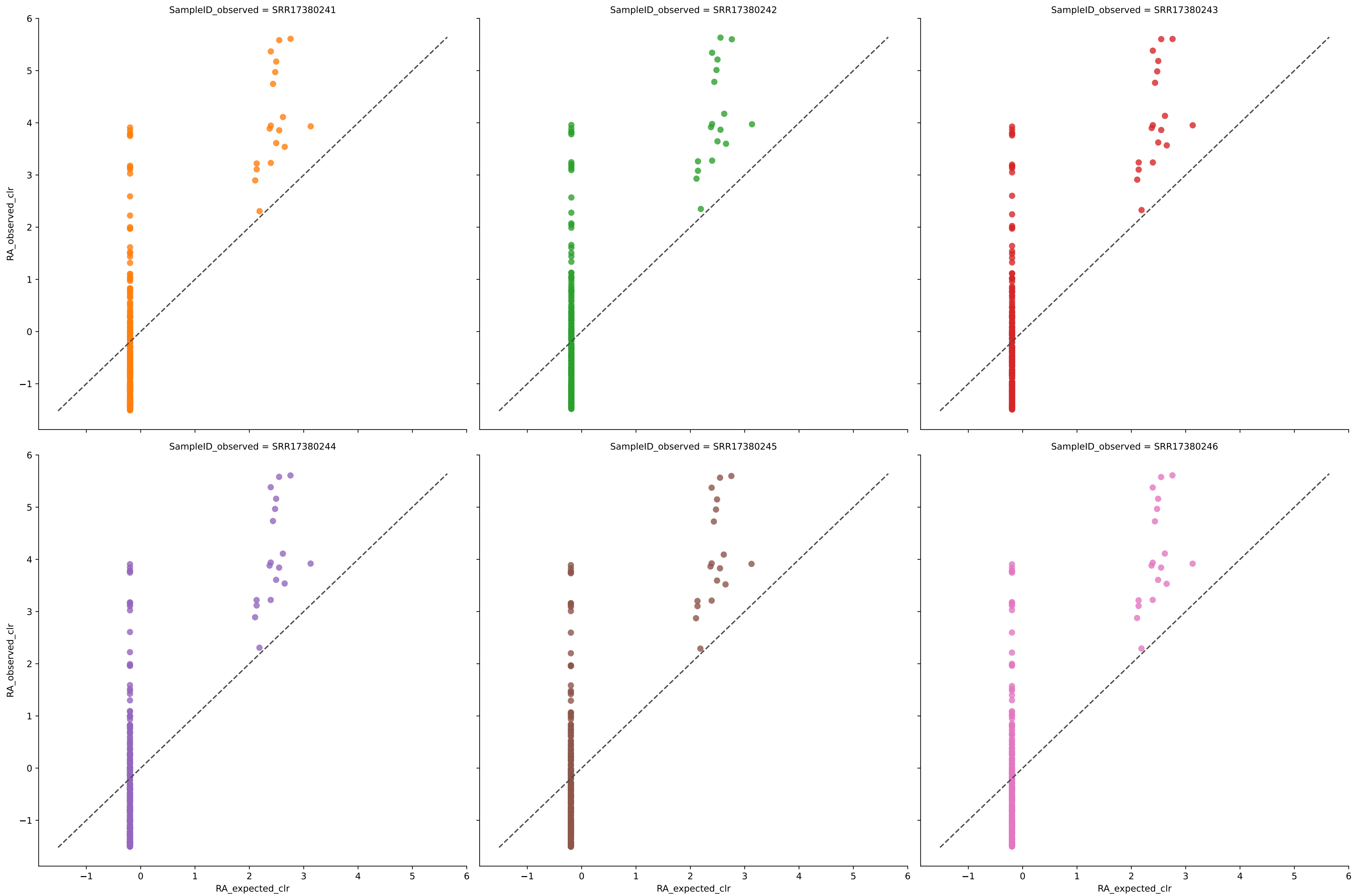
	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	30	0.5242	0.0025	7.1314	0.7774	0.0035	100.0000	1.1433
SRR17380242	30	0.5132	0.0025	7.3451	0.7754	0.0036	100.0000	1.1730
SRR17380243	28	0.4888	0.0026	6.4924	0.7799	0.0036	100.0000	1.0319
SRR17380244	32	0.5541	0.0023	7.7122	0.7776	0.0034	100.0000	1.1508
SRR17380245	31	0.5483	0.0024	7.0193	0.7766	0.0034	100.0000	1.0909
SRR17380246	33	0.5819	0.0023	7.8972	0.7739	0.0032	100.0000	1.1581
Average	31	0.5351	0.0024	7.2663	0.7768	0.0035	100.0000	1.1247

Expected vs. Observed Relative Abundance for species using wgsa in Experiment tourlousse with filter 0.0001



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	52	0.7043	0.0014	9.5527	0.7759	0.0027	100.0000	1.5022
SRR17380242	51	0.6990	0.0014	9.4091	0.7754	0.0027	100.0000	1.4632
SRR17380243	51	0.7007	0.0015	9.3469	0.7758	0.0027	100.0000	1.4925
SRR17380244	51	0.7039	0.0014	9.3043	0.7771	0.0027	100.0000	1.4817
SRR17380245	51	0.7033	0.0014	9.3474	0.7771	0.0027	100.0000	1.4898
SRR17380246	51	0.7032	0.0014	9.3251	0.7765	0.0027	100.0000	1.4946
Average	51	0.7024	0.0014	9.3809	0.7763	0.0027	100.0000	1.4873

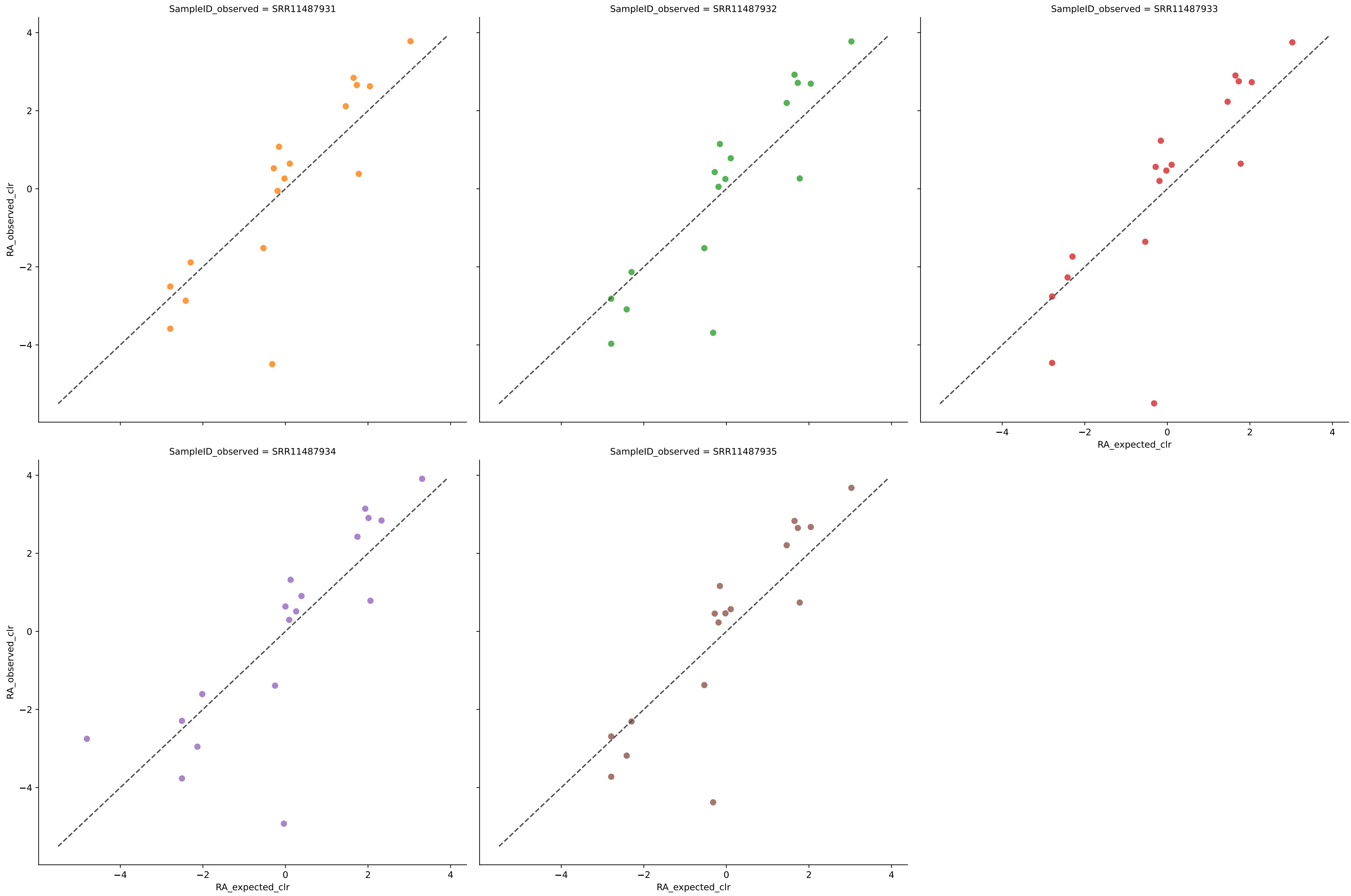
Expected vs. Observed Relative Abundance for species using woltka in Experiment tourlousse with filter 0.0001



	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	245	0.5028	0.0006	19.1908	0.5431	0.0019	100.0000	4.2424
SRR17380242	252	0.5074	0.0006	19.4001	0.5444	0.0019	100.0000	4.3047
SRR17380243	246	0.5036	0.0006	19.2811	0.5434	0.0019	100.0000	4.2439
SRR17380244	243	0.5006	0.0006	19.1458	0.5427	0.0019	100.0000	4.2285
SRR17380245	241	0.5003	0.0006	19.0454	0.5424	0.0019	100.0000	4.2205
SRR17380246	243	0.5005	0.0006	19.1611	0.5425	0.0019	100.0000	4.2355
Average	245	0.5025	0.0006	19.2041	0.5431	0.0019	100.0000	4.2459

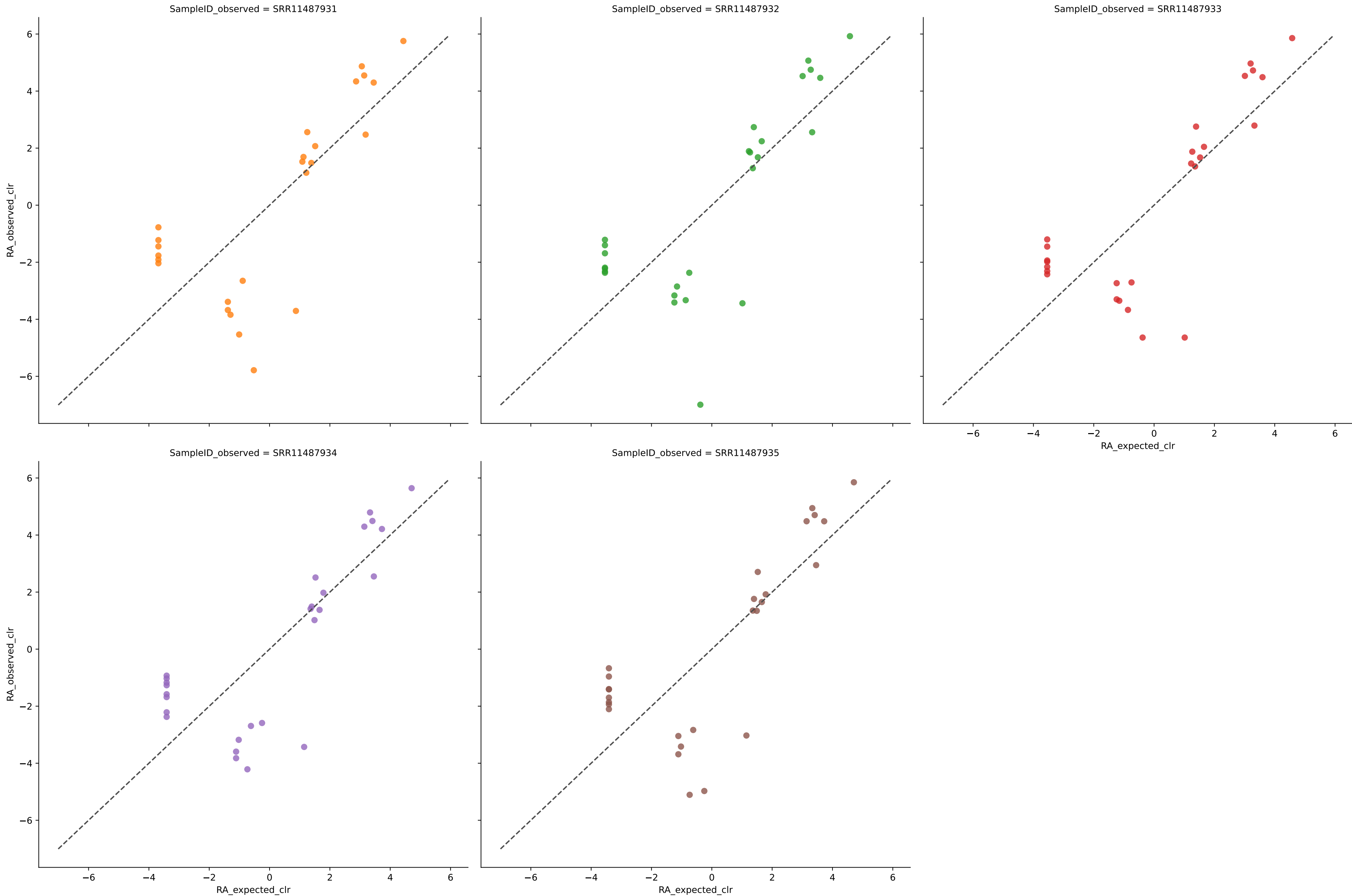


Expected vs. Observed Relative Abundance for species using bio4 in Experiment Amos hilo with filter 0.0001



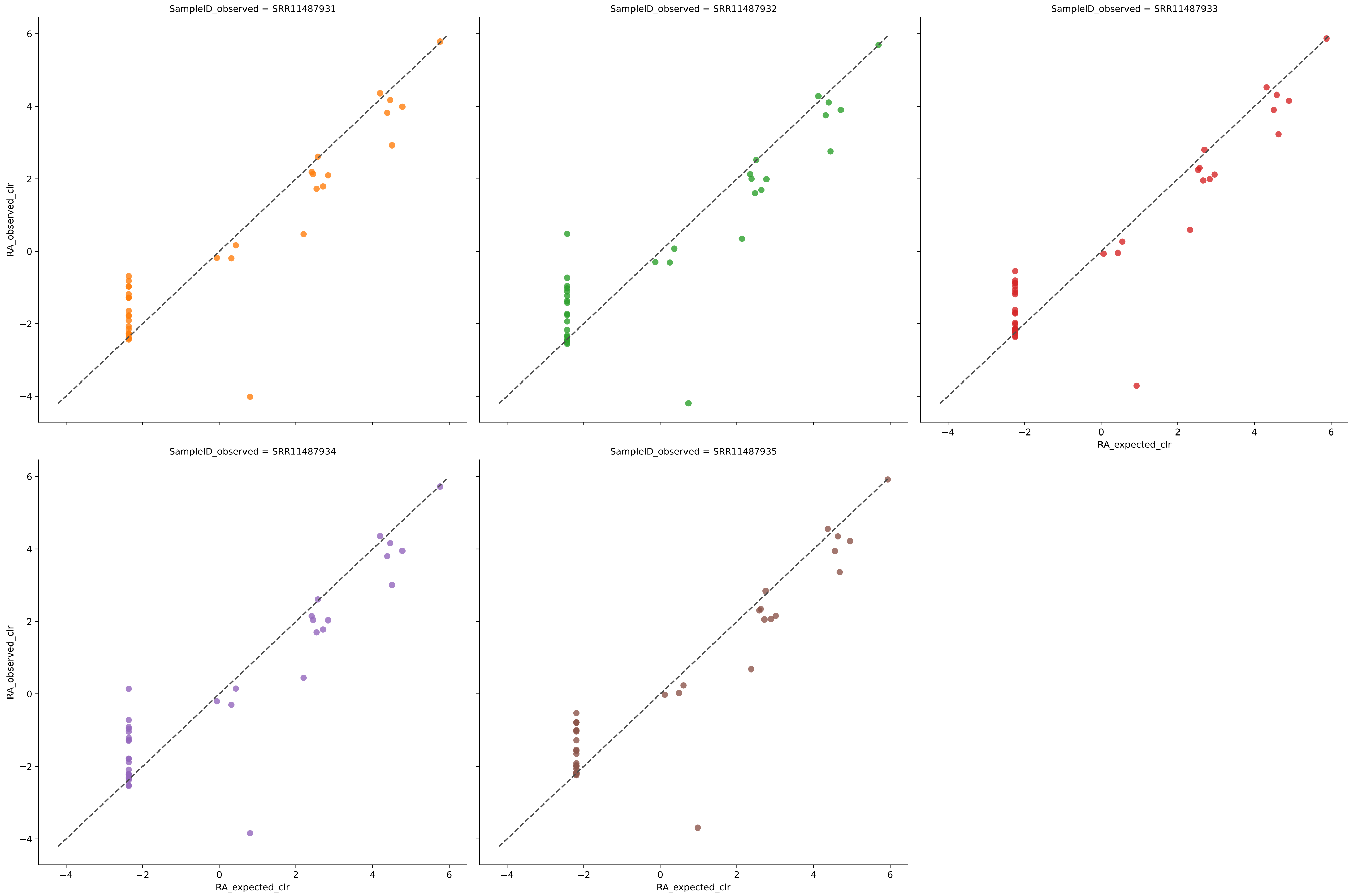
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	17	0.9142	0.0034	5.2528	0.8568	0.0060	100.0000	0.0000
SRR11487932	17	0.9028	0.0033	4.8354	0.8612	0.0062	100.0000	0.0000
SRR11487933	17	0.9066	0.0030	6.2762	0.8715	0.0058	100.0000	0.0000
SRR11487934	18	0.8966	0.0030	6.2508	0.8632	0.0060	100.0000	0.0095
SRR11487935	17	0.9113	0.0029	5.1244	0.8773	0.0056	100.0000	0.0000
Average	17	0.9063	0.0031	5.5479	0.8660	0.0059	100.0000	0.0019

Expected vs. Observed Relative Abundance for species using jams in Experiment Amos hilo with filter 0.0001



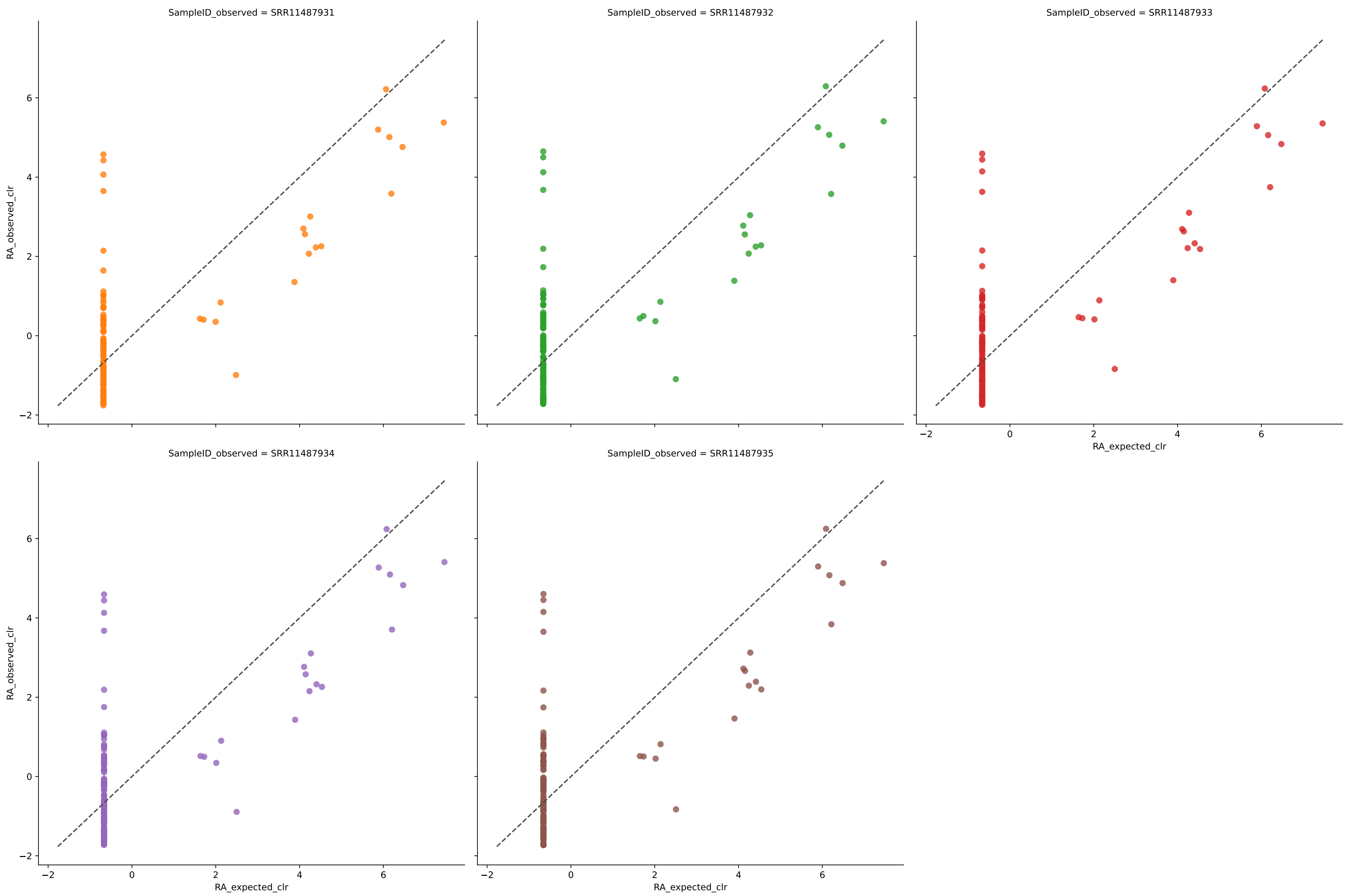
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	25	0.9070	0.0031	11.0466	0.8067	0.0058	100.0000	0.0387
SRR11487932	26	0.9022	0.0030	10.8425	0.8045	0.0058	100.0000	0.0257
SRR11487933	26	0.9127	0.0029	10.2667	0.8142	0.0054	100.0000	0.0264
SRR11487934	27	0.9063	0.0028	9.9614	0.8078	0.0055	94.7368	0.0568
SRR11487935	27	0.9190	0.0027	10.9765	0.8166	0.0051	100.0000	0.0475
Average	26	0.9094	0.0029	10.6188	0.8100	0.0055	98.9474	0.0390

Expected vs. Observed Relative Abundance for species using wgsa in Experiment Amos hilo with filter 0.0001



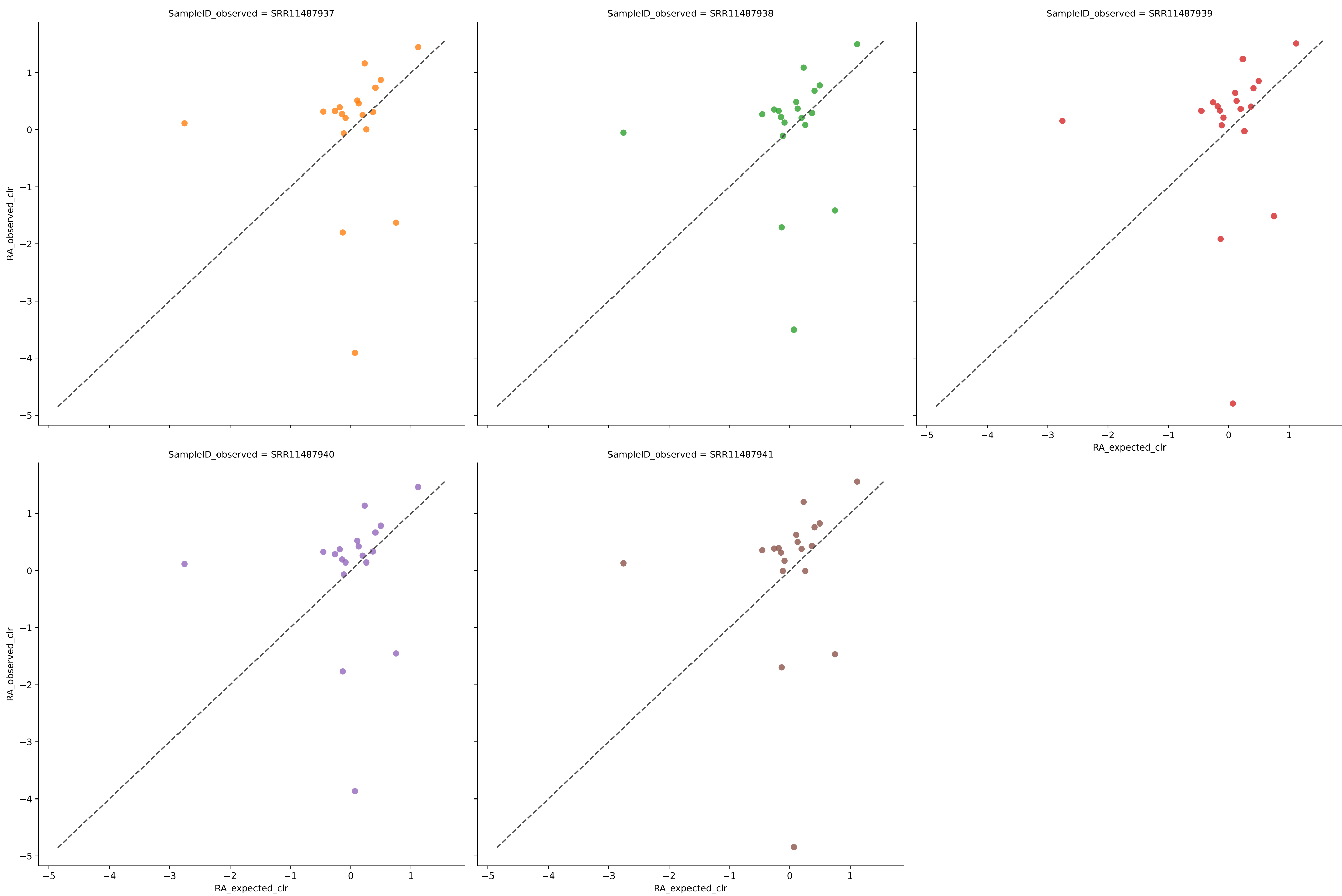
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	37	0.9156	0.0021	6.9120	0.8103	0.0056	100.0000	0.1344
SRR11487932	36	0.9142	0.0021	7.5119	0.8087	0.0056	100.0000	0.1741
SRR11487933	39	0.9235	0.0019	6.7056	0.8194	0.0050	100.0000	0.1383
SRR11487934	37	0.9201	0.0020	7.1014	0.8152	0.0053	100.0000	0.1614
SRR11487935	40	0.9268	0.0018	6.6829	0.8239	0.0049	100.0000	0.1418
Average	38	0.9200	0.0020	6.9828	0.8155	0.0053	100.0000	0.1500

Expected vs. Observed Relative Abundance for species using wol in Experiment Amos hilo with filter 0.0001



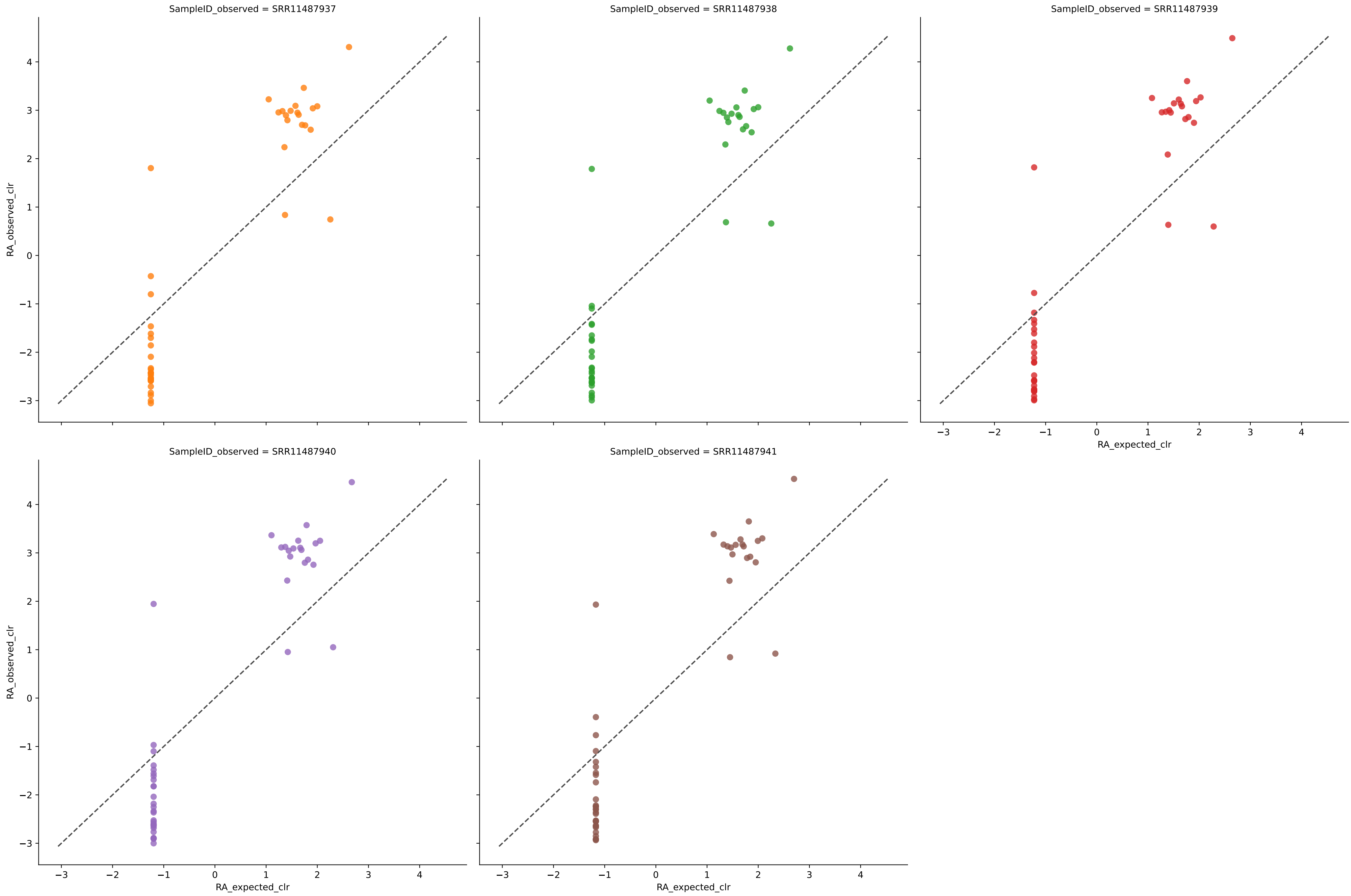
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	132	0.3933	0.0014	15.3644	0.5358	0.0061	100.0000	4.4667
SRR11487932	136	0.3782	0.0014	15.6193	0.5279	0.0061	100.0000	4.5055
SRR11487933	136	0.3874	0.0014	15.3812	0.5362	0.0060	100.0000	4.4498
SRR11487934	135	0.4006	0.0014	15.3556	0.5421	0.0060	100.0000	4.4106
SRR11487935	137	0.3946	0.0013	15.3100	0.5413	0.0060	100.0000	4.4071
Average	135	0.3908	0.0014	15.4061	0.5367	0.0060	100.0000	4.4479

Expected vs. Observed Relative Abundance for species using bio4 in Experiment Amos mixed with filter 0.0001



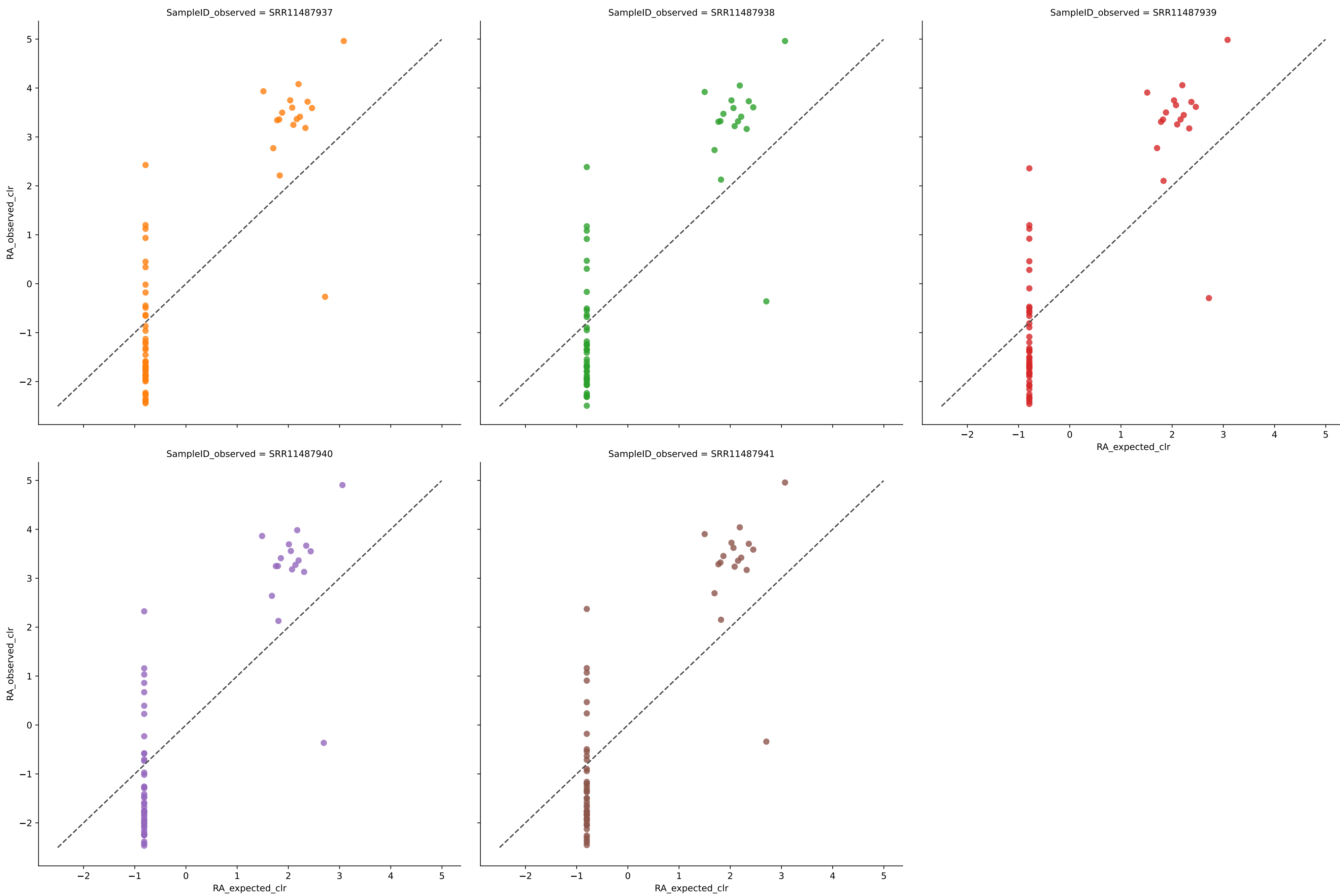
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	19	0.2750	0.0046	5.9654	0.7820	0.0062	100.0000	0.7960
SRR11487938	19	0.3349	0.0044	5.4644	0.7892	0.0060	100.0000	0.6985
SRR11487939	19	0.2702	0.0045	6.6548	0.7857	0.0062	100.0000	0.7874
SRR11487940	19	0.2963	0.0043	5.8315	0.7928	0.0061	100.0000	0.8118
SRR11487941	19	0.3061	0.0044	6.5860	0.7880	0.0061	100.0000	0.7704
Average	19	0.2965	0.0045	6.1004	0.7876	0.0061	100.0000	0.7728

Expected vs. Observed Relative Abundance for species using jams in Experiment Amos mixed with filter 0.0001



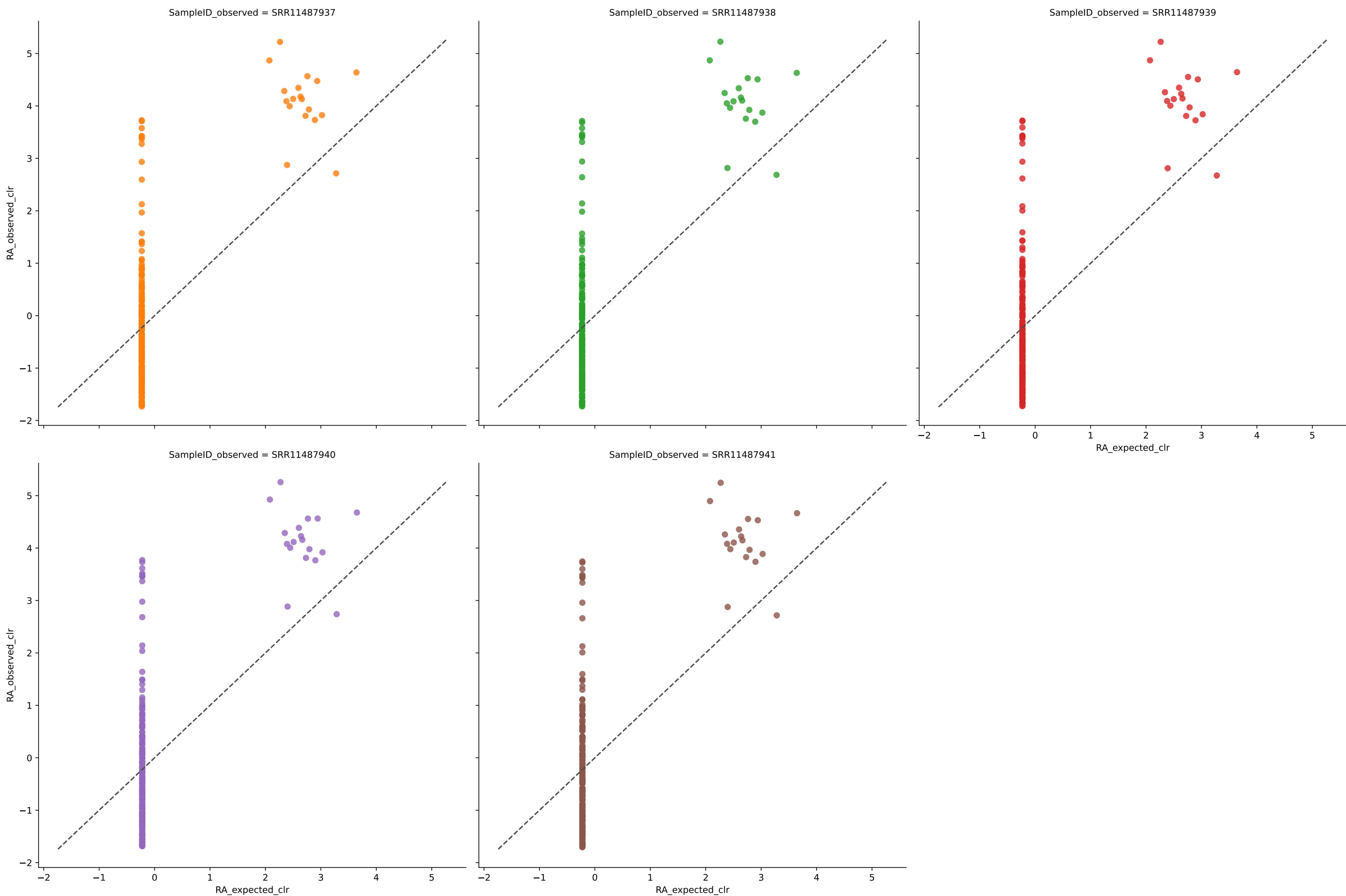
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	44	0.6924	0.0019	8.9566	0.7873	0.0039	100.0000	0.4777
SRR11487938	44	0.6900	0.0020	8.6917	0.7866	0.0039	100.0000	0.4834
SRR11487939	45	0.6954	0.0018	9.2600	0.7915	0.0039	100.0000	0.4152
SRR11487940	46	0.7031	0.0018	9.2386	0.7900	0.0038	100.0000	0.4645
SRR11487941	47	0.7027	0.0018	9.4680	0.7900	0.0038	100.0000	0.4604
Average	45	0.6967	0.0019	9.1230	0.7891	0.0039	100.0000	0.4602

Expected vs. Observed Relative Abundance for species using wgsa in Experiment Amos mixed with filter 0.0001



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	63	0.7024	0.0015	10.3044	0.7651	0.0037	100.0000	1.0083
SRR11487938	62	0.7004	0.0015	10.1740	0.7655	0.0037	100.0000	0.9737
SRR11487939	63	0.7030	0.0015	10.2158	0.7653	0.0037	100.0000	0.9766
SRR11487940	61	0.7009	0.0015	10.2320	0.7660	0.0038	100.0000	1.0195
SRR11487941	62	0.7023	0.0015	10.1174	0.7667	0.0037	100.0000	0.9705
Average	62	0.7018	0.0015	10.2087	0.7657	0.0037	100.0000	0.9897

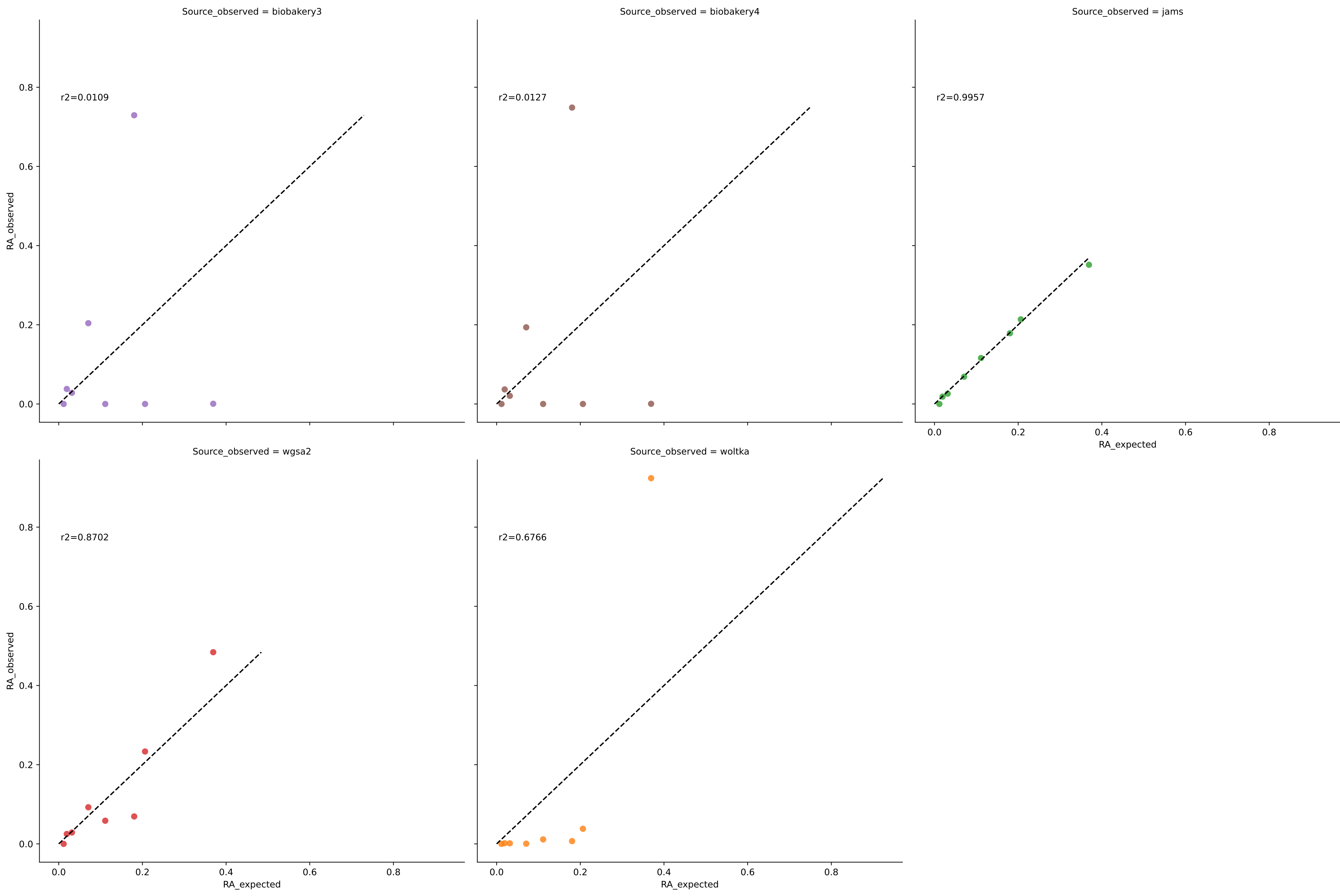
Expected vs. Observed Relative Abundance for species using wol in Experiment Amos mixed with filter 0.0001



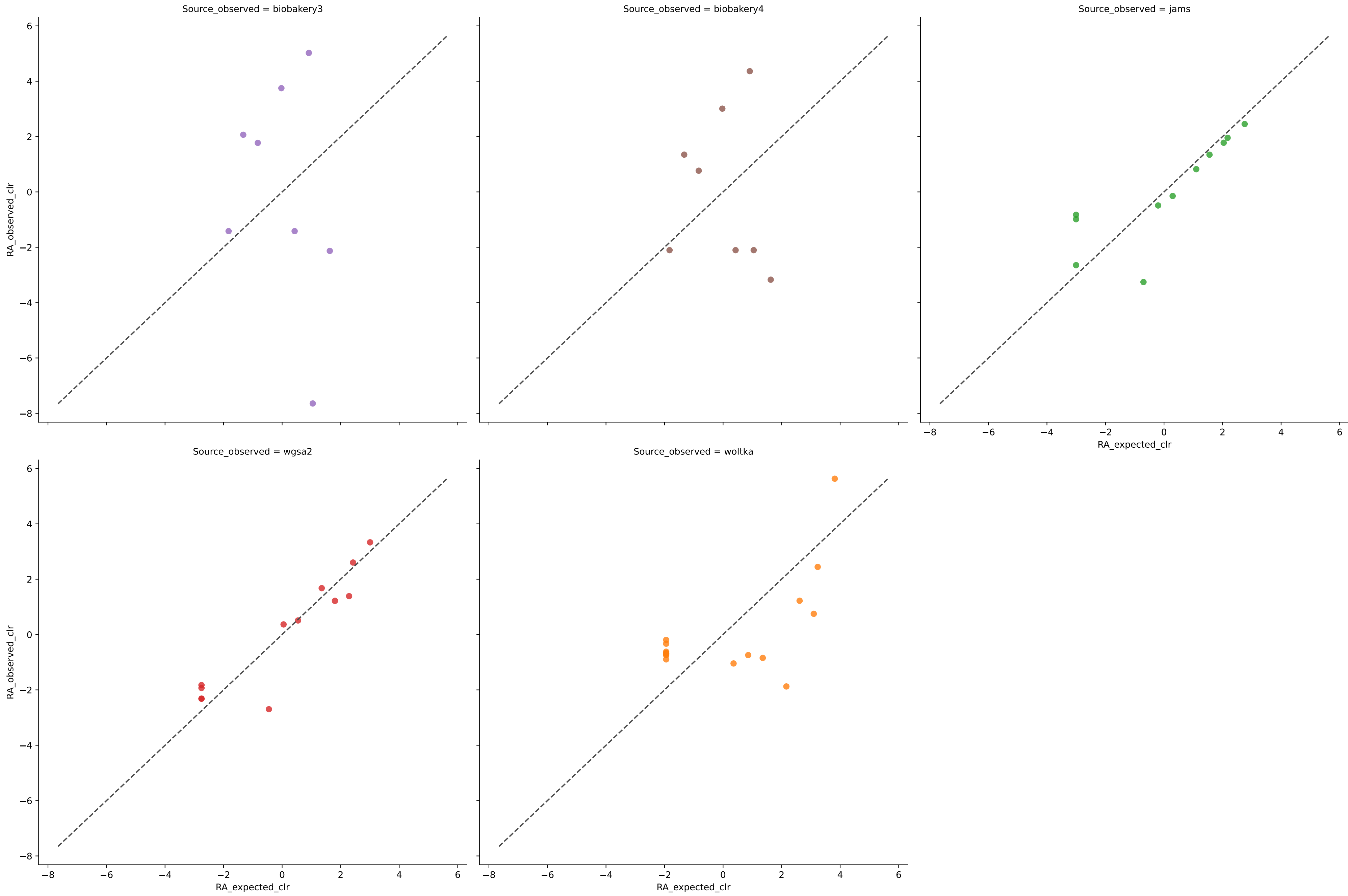
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	227	0.5159	0.0007	18.2253	0.6072	0.0023	100.0000	5.4074
SRR11487938	228	0.5100	0.0007	18.3025	0.6017	0.0023	100.0000	5.5093
SRR11487939	228	0.5178	0.0007	18.2743	0.6089	0.0023	100.0000	5.4155
SRR11487940	236	0.5146	0.0007	18.6713	0.6019	0.0023	100.0000	5.5401
SRR11487941	233	0.5153	0.0007	18.5325	0.6033	0.0023	100.0000	5.5195
Average	230	0.5147	0.0007	18.4012	0.6046	0.0023	100.0000	5.4784



# Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0.001)

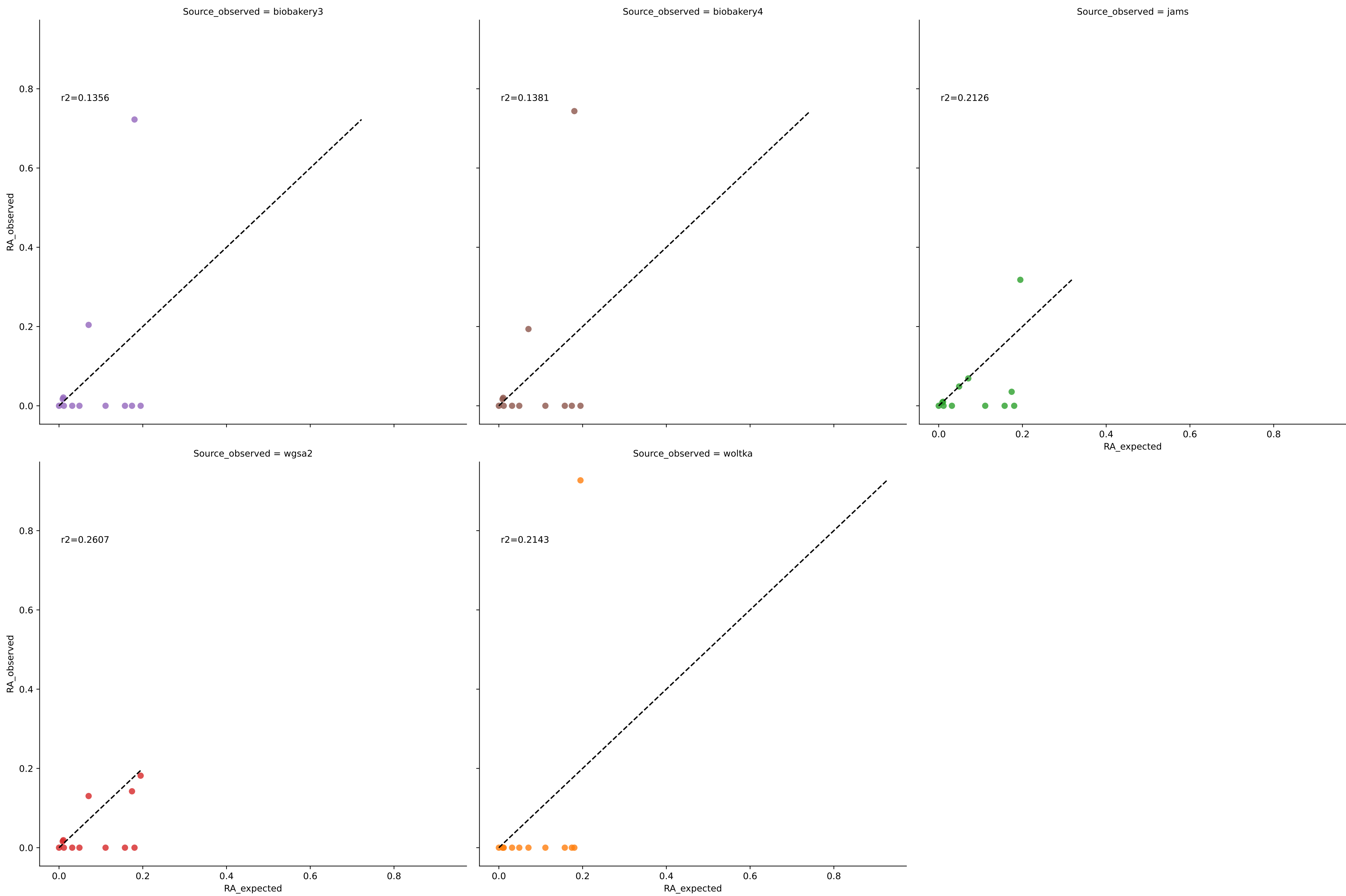


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0.001)

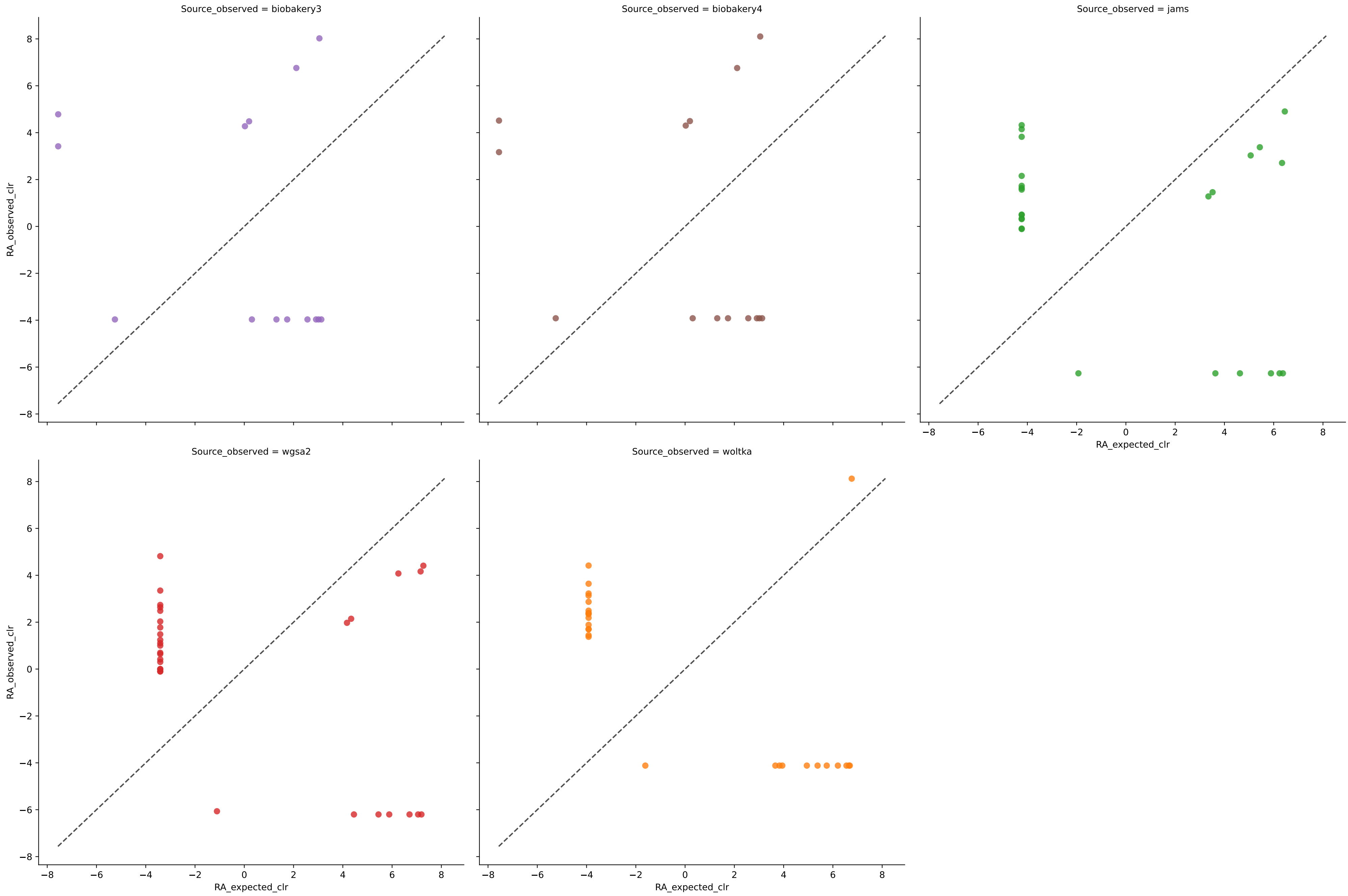


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.0109	0.1752	11.9443	0.2991	0.2526	75.0000	0.0000
biobakery4	8	0.0127	0.1772	8.3828	0.2912	0.2573	62.5000	0.0000
jams	11	0.9948	0.0071	4.0119	0.9610	0.0089	87.5000	2.6691
wgsa2	12	0.8841	0.0297	2.9102	0.8219	0.0498	87.5000	0.8699
woltka	17	0.6279	0.0672	7.3031	0.4290	0.1499	87.5000	1.6464

# Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0.001)

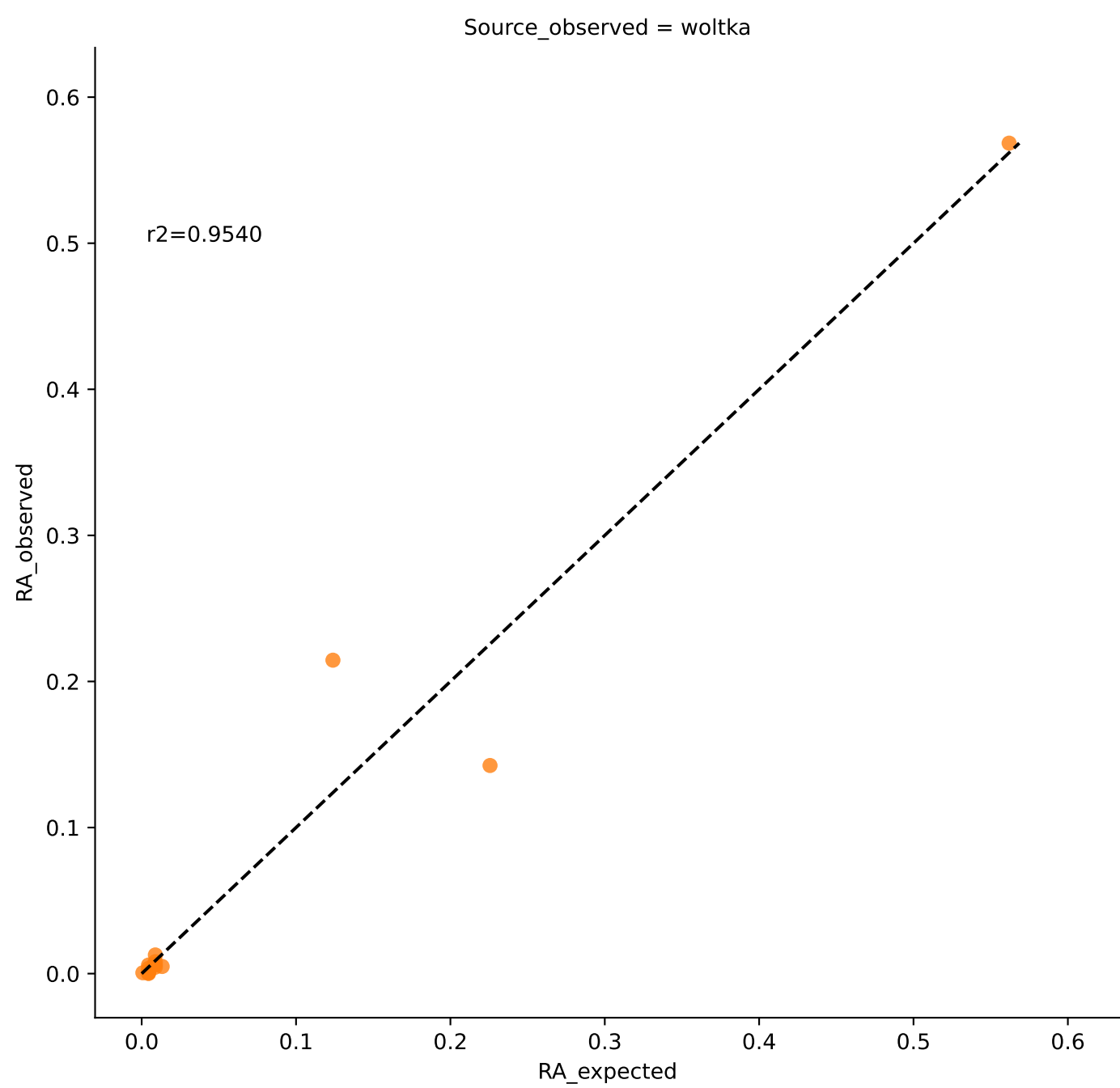
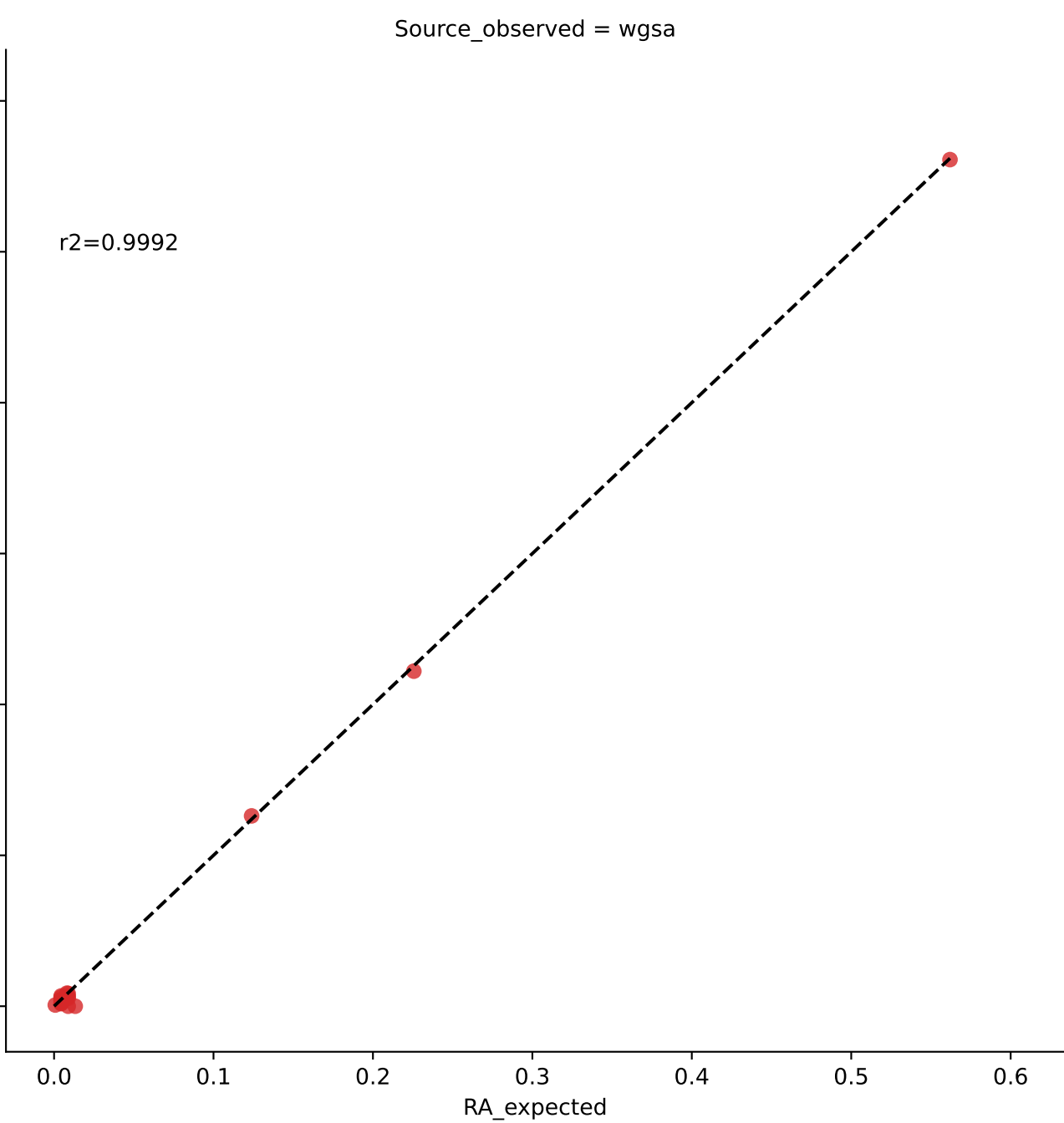
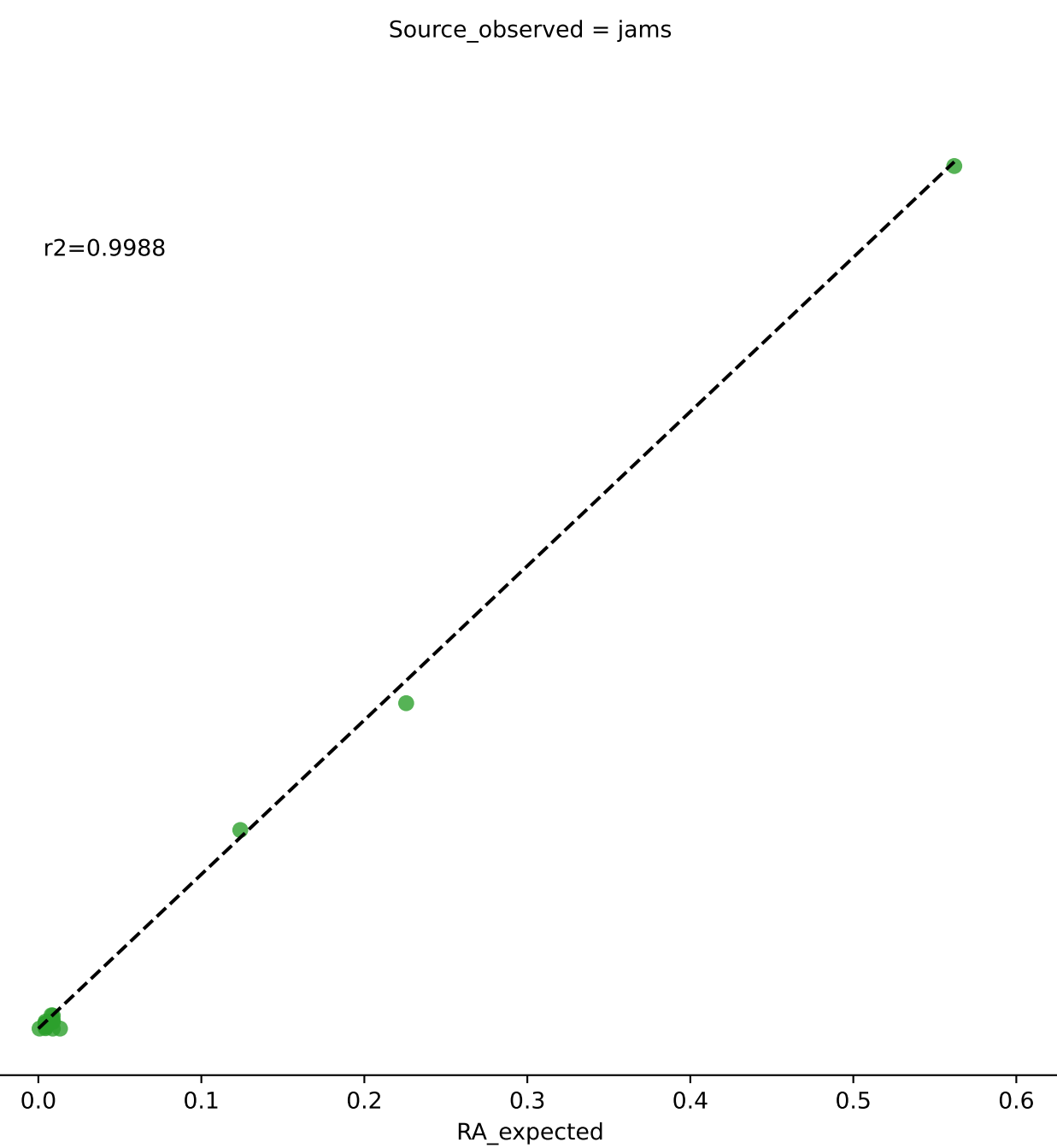
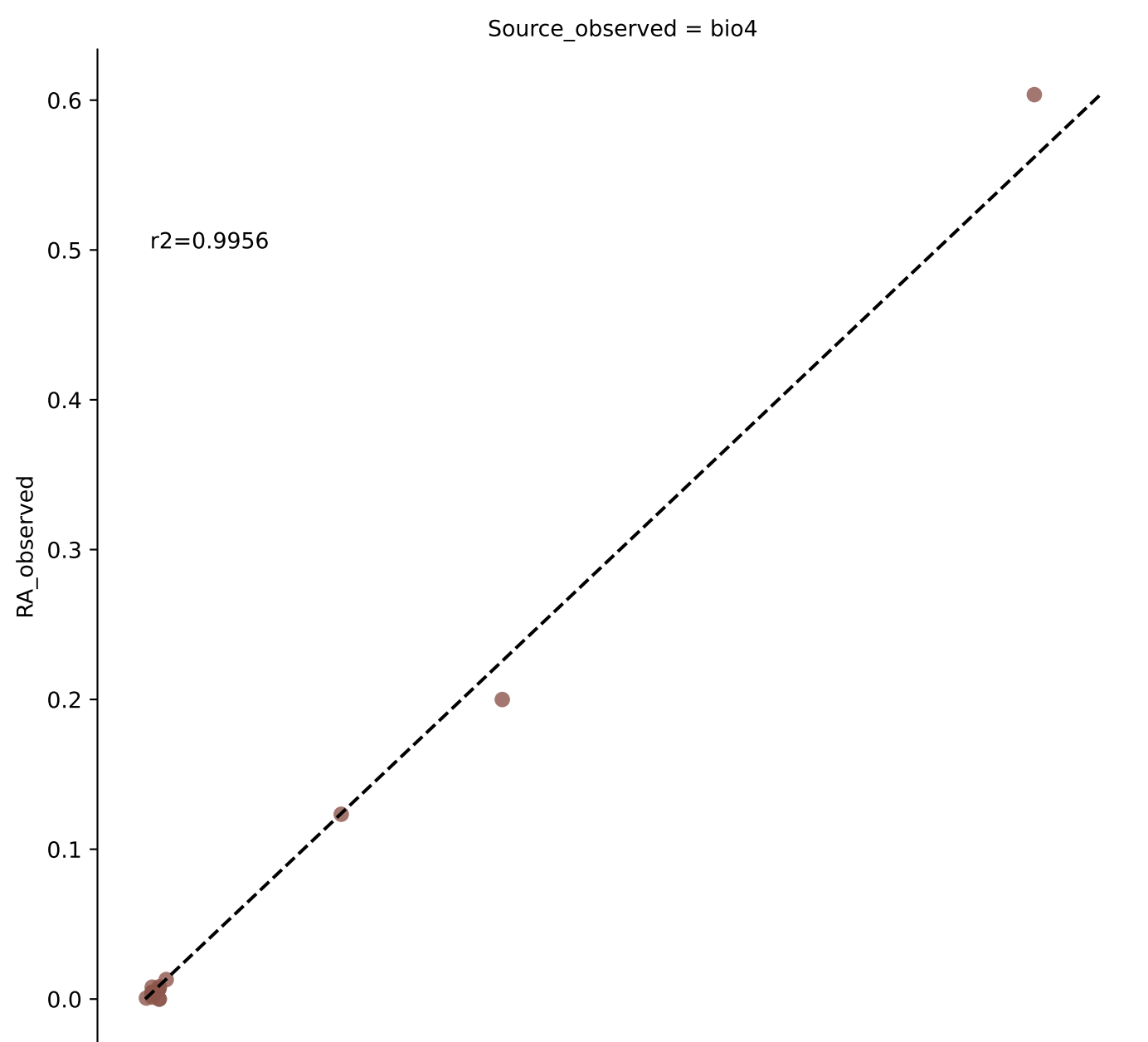


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0.001)

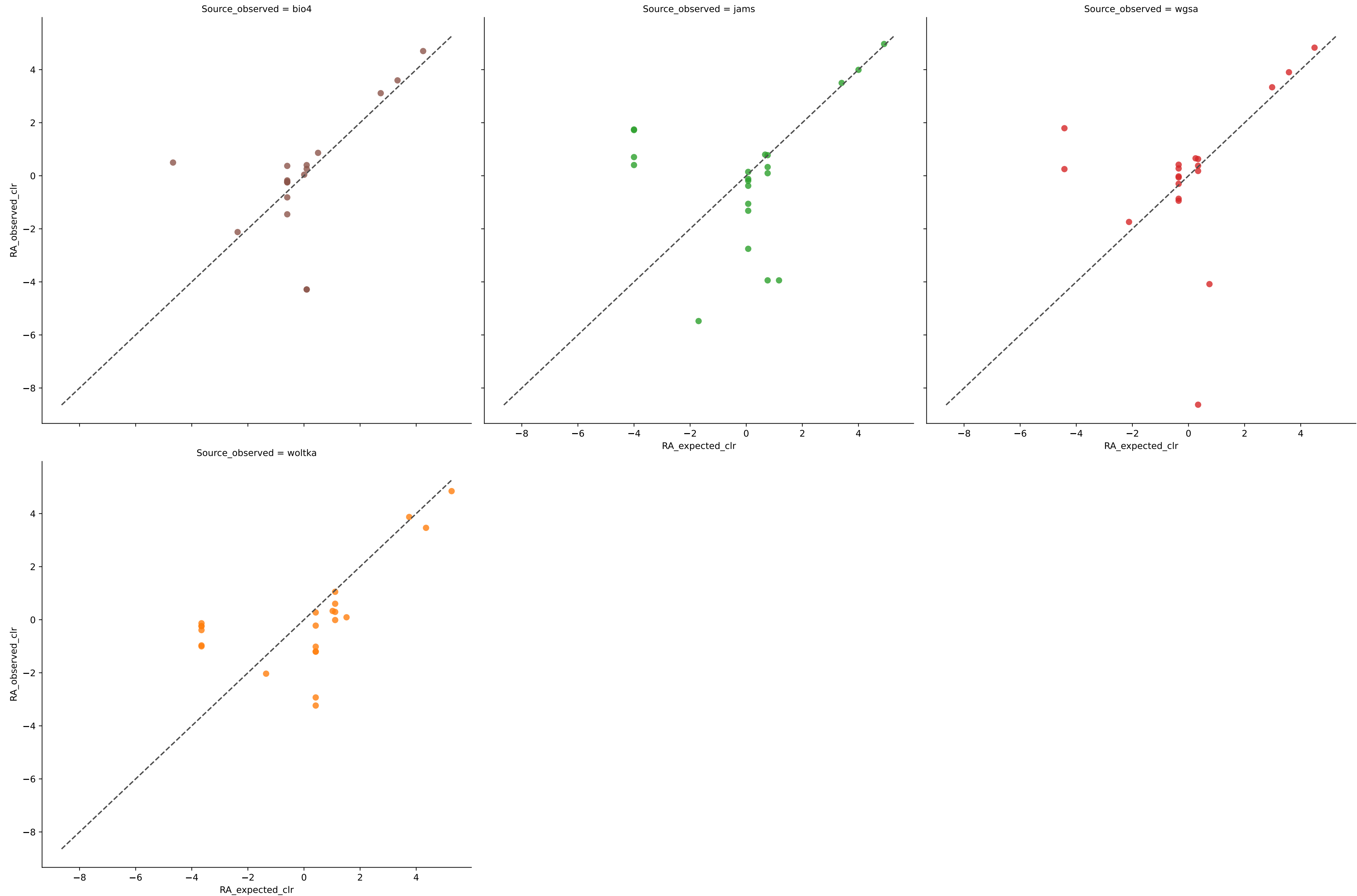


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	14	0.1458	0.1043	24.9967	0.2702	0.1736	33.3333	3.5494
biobakery4	14	0.1502	0.1043	24.6946	0.2702	0.1777	33.3333	2.5913
jams	25	0.0872	0.0507	34.7101	0.3668	0.0828	50.0000	51.0282
wgsa2	31	0.1018	0.0378	38.0086	0.4139	0.0719	50.0000	51.0827
woltka	27	0.2286	0.0596	39.2860	0.1949	0.1546	8.3333	7.3008

# Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 0.001)

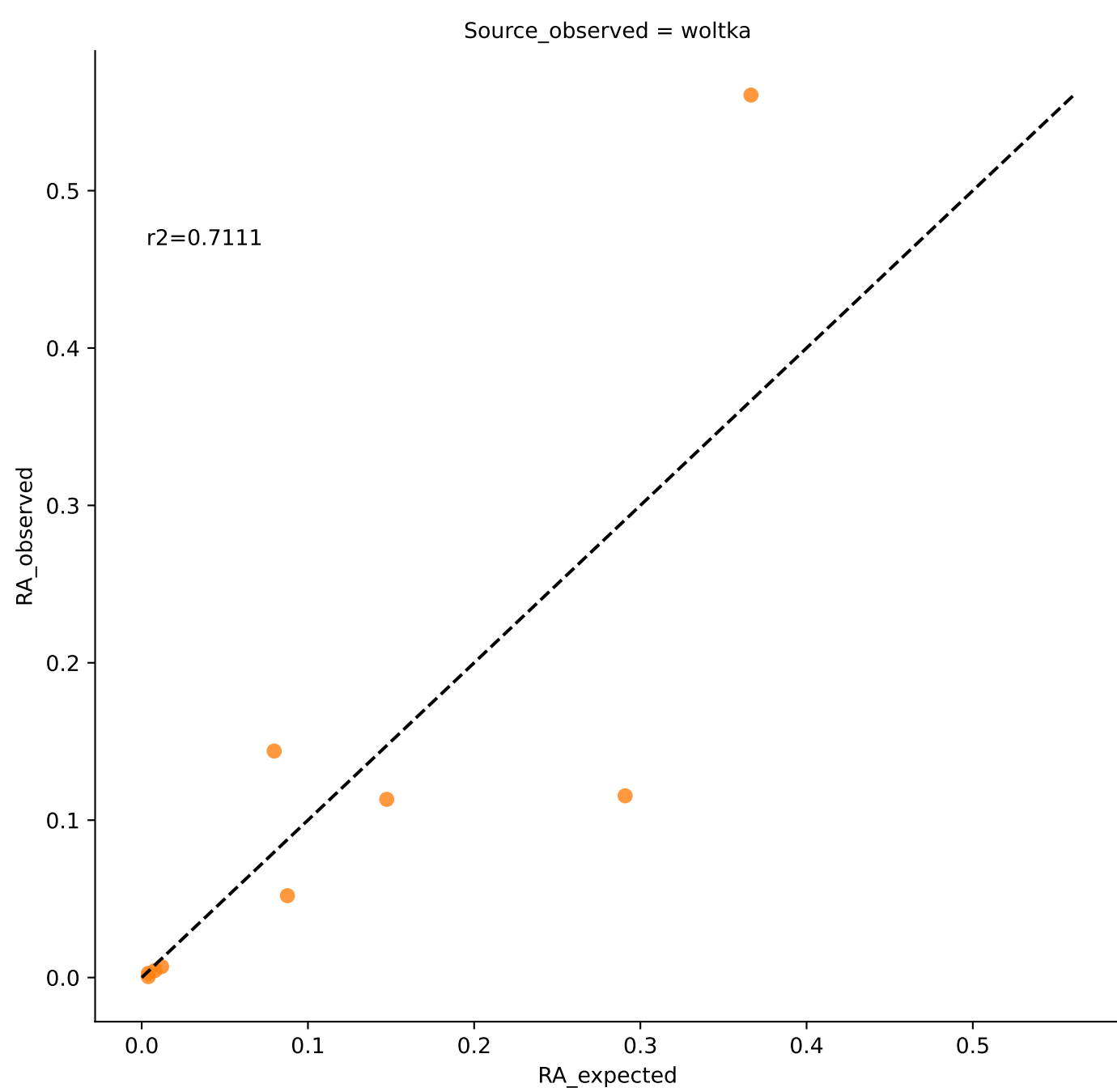
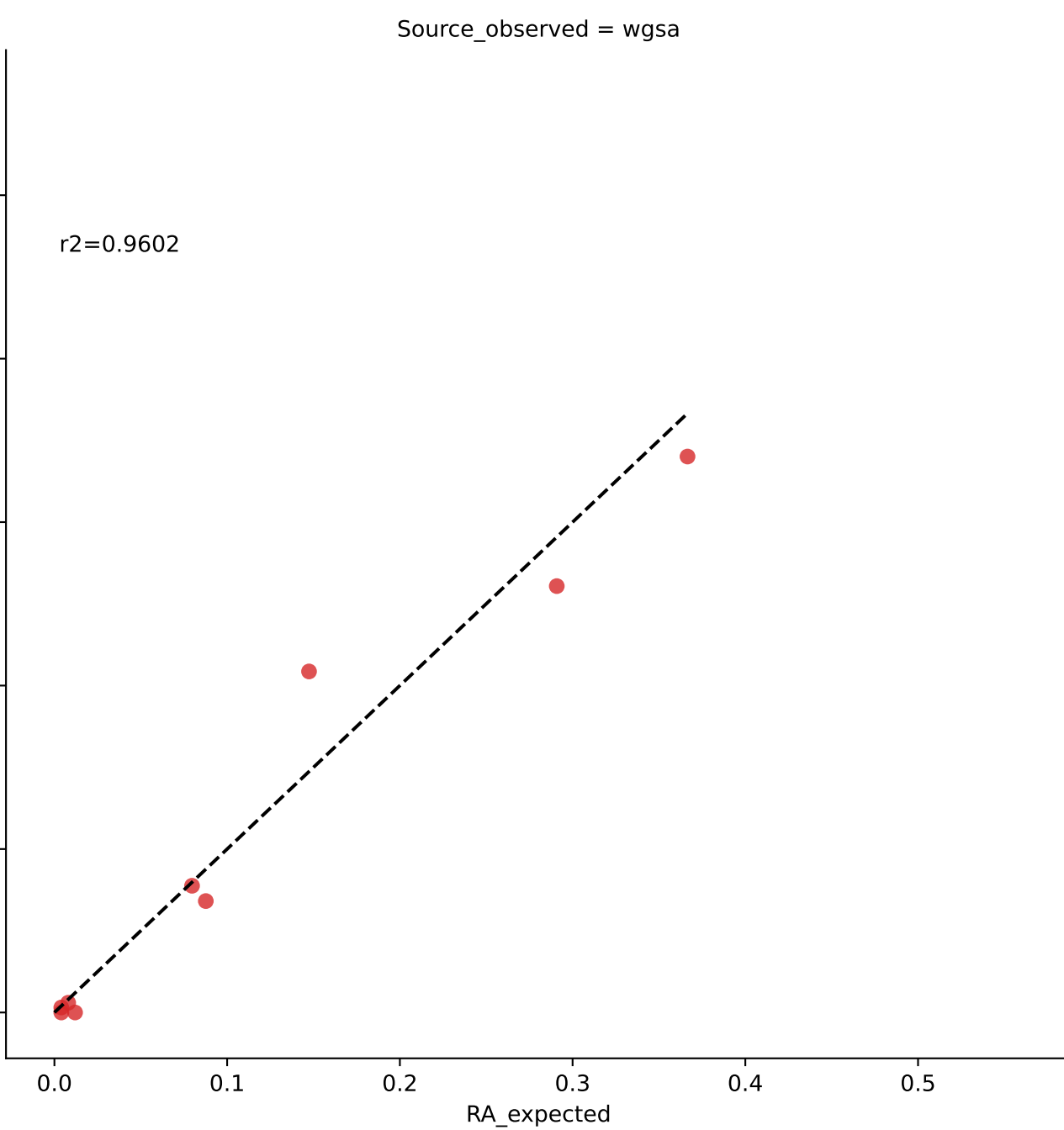
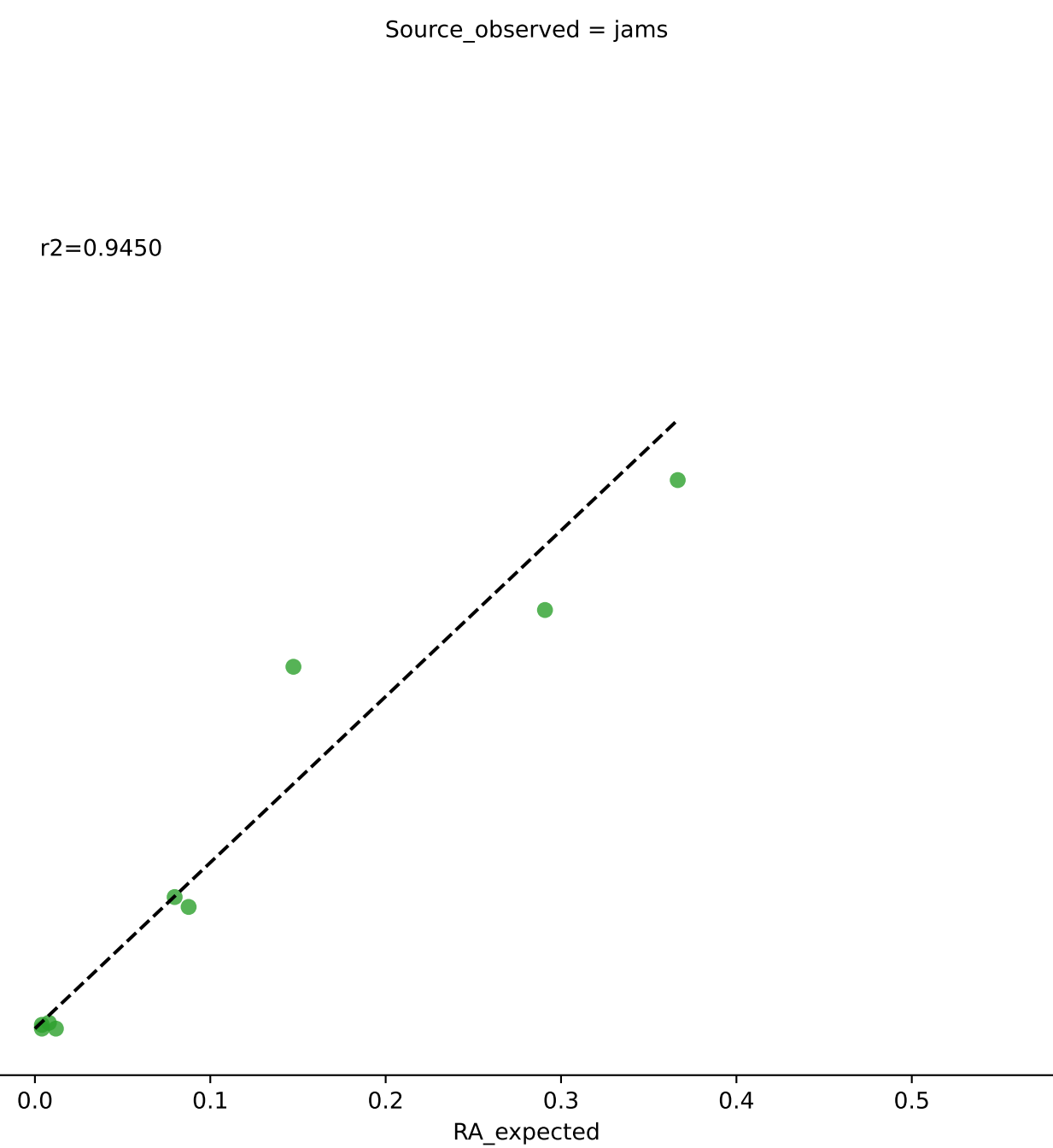
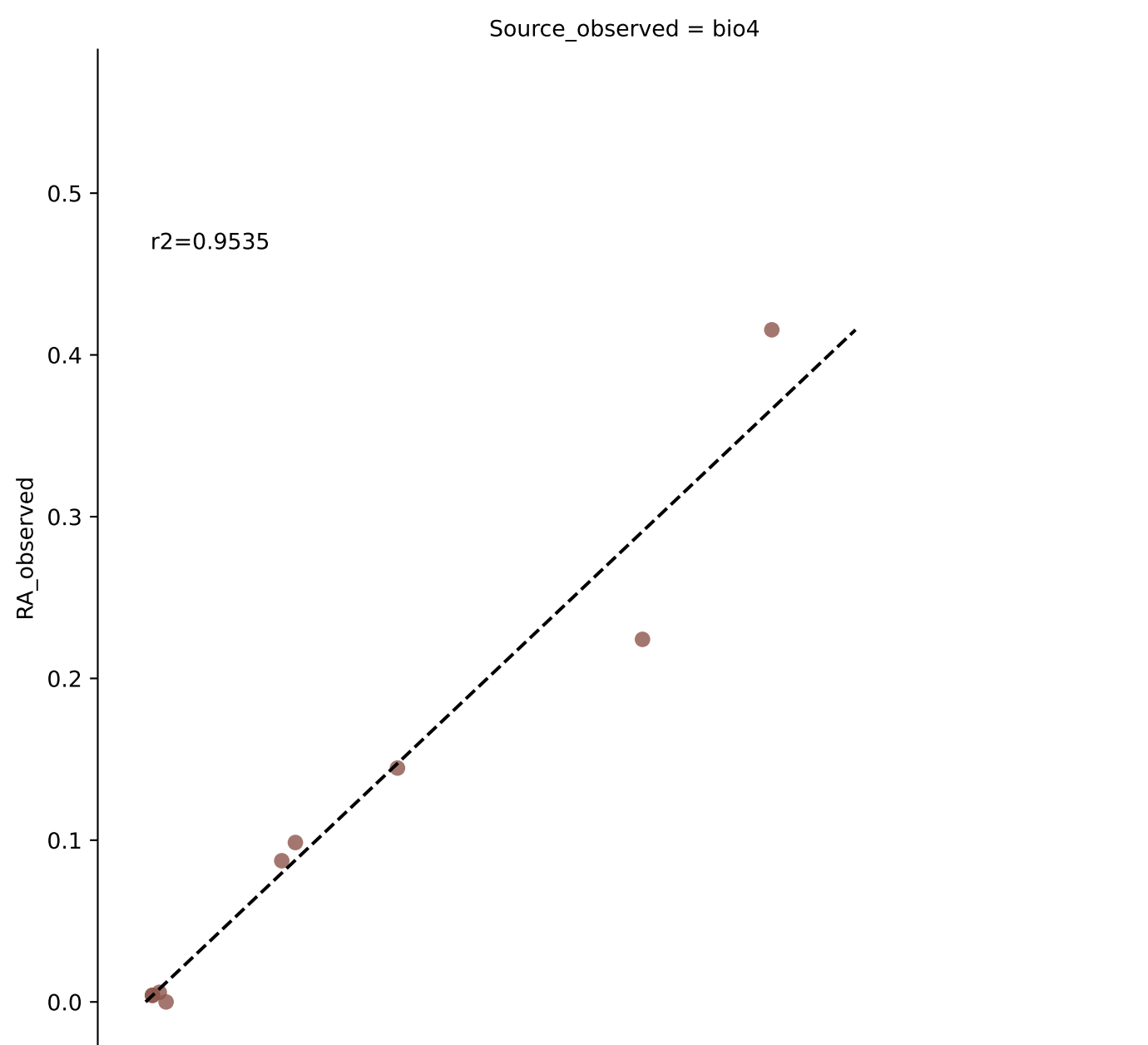


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 0.001)

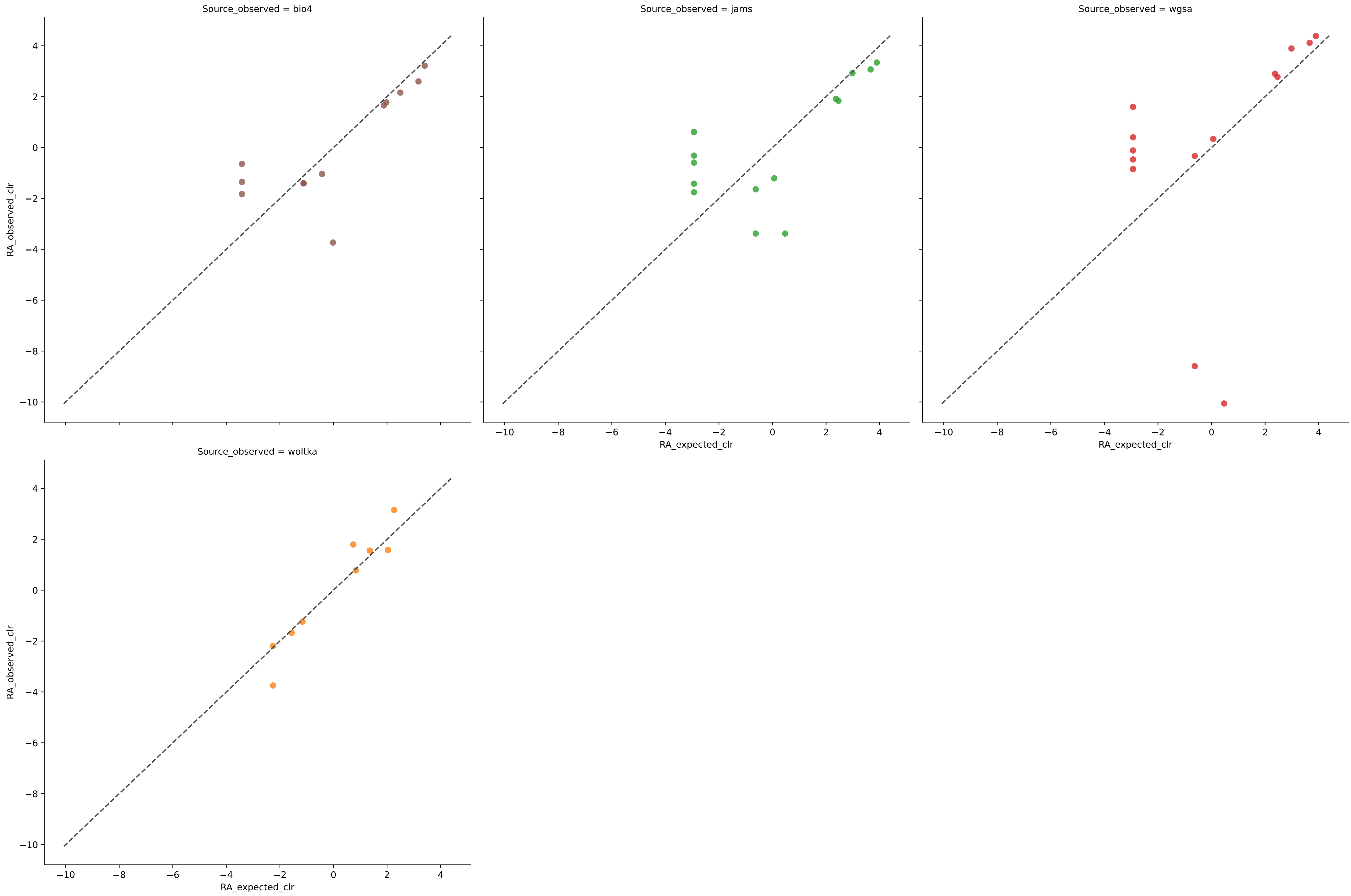


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	18	0.9952	0.0061	8.2529	0.9455	0.0122	88.2353	0.9028
jams	21	0.9952	0.0060	13.4904	0.9368	0.0089	88.2353	5.7757
wgsa	19	0.9968	0.0041	12.9172	0.9606	0.0075	94.1176	3.2689
woltka	23	0.9556	0.0104	9.9481	0.8801	0.0259	100.0000	1.7271

# Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0.001)



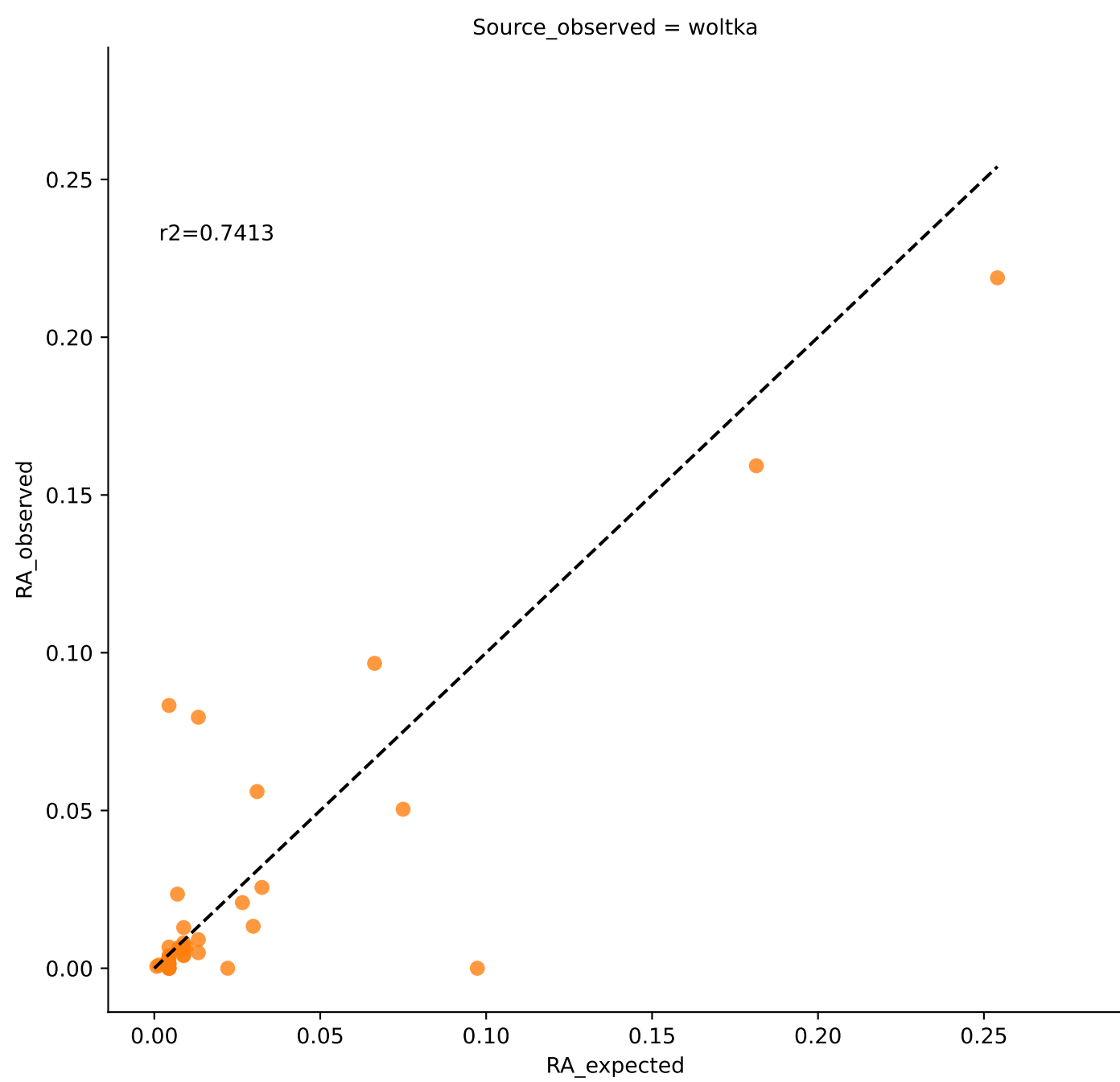
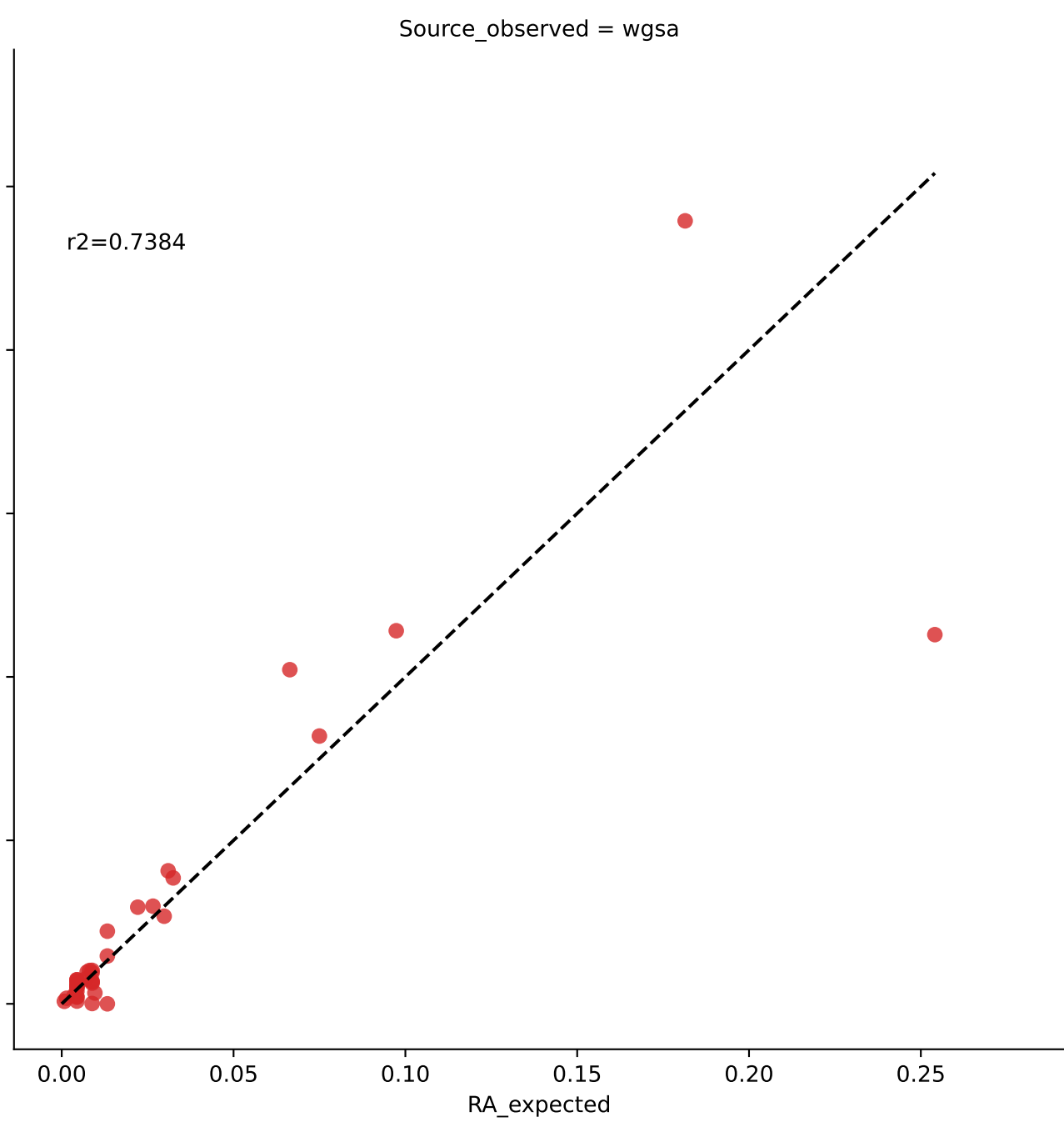
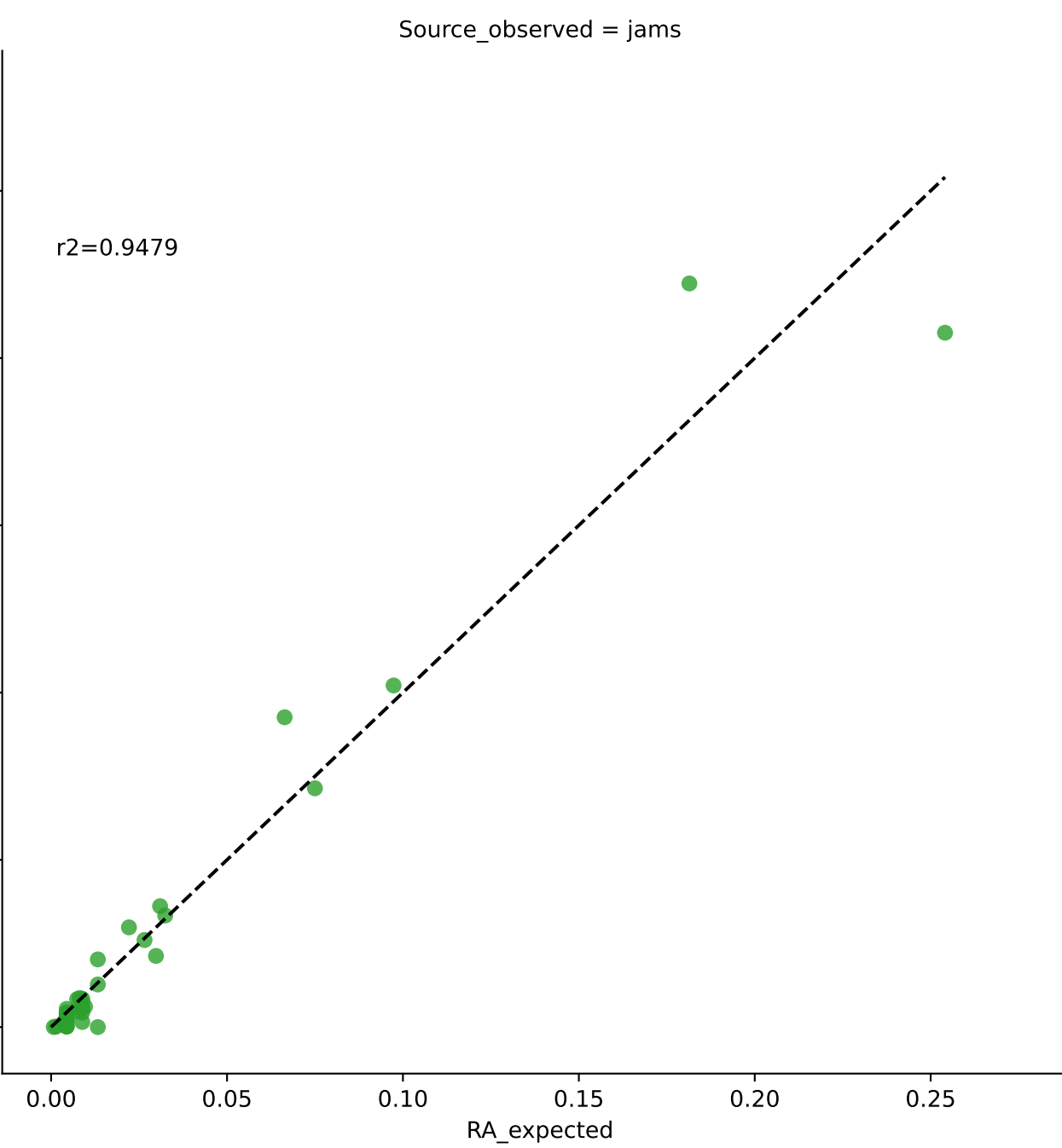
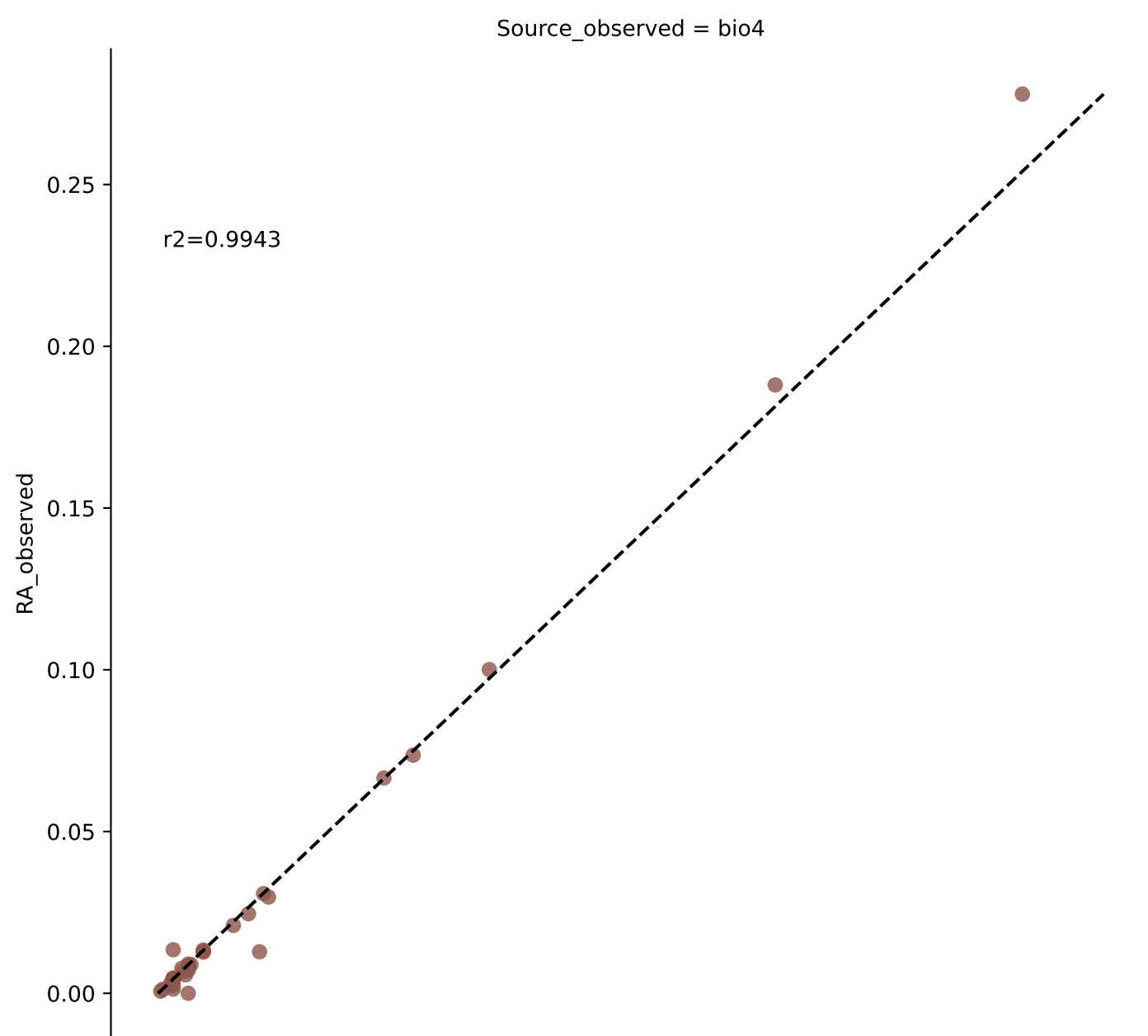
Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0.001)



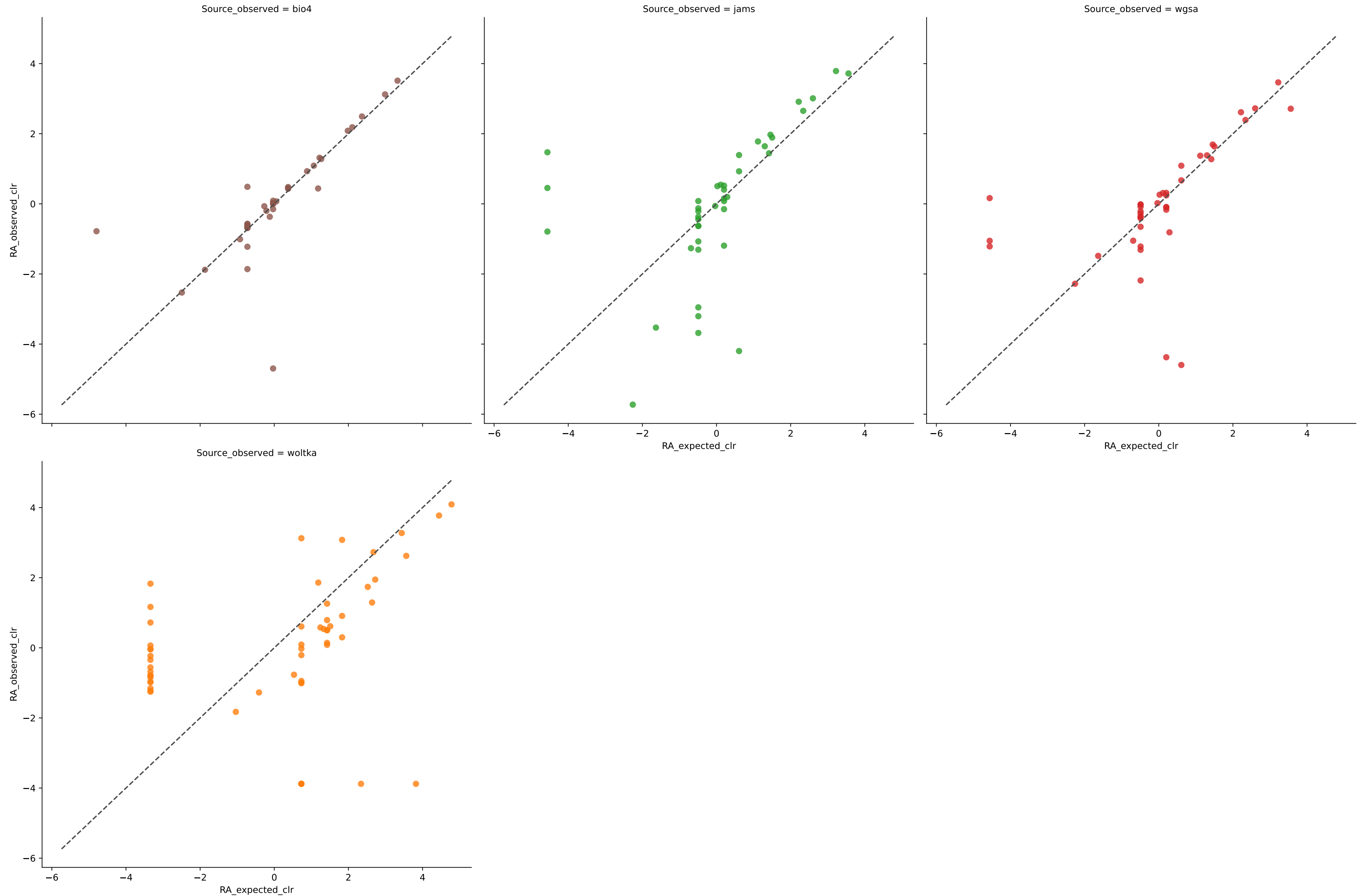
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	12	0.9591	0.0139	5.4279	0.9165	0.0246	88.8889	1.5800
jams	14	0.9538	0.0160	7.4044	0.8881	0.0250	77.7778	4.1447
wgsa	14	0.9659	0.0138	15.0382	0.9031	0.0214	100.0000	3.5674
woltka	9	0.7111	0.0574	2.0984	0.7415	0.0913	100.0000	0.0000



# Bivariate Linear Regression for Sample S1 in Experiment camsimGI (Species at filter threshold 0.001)

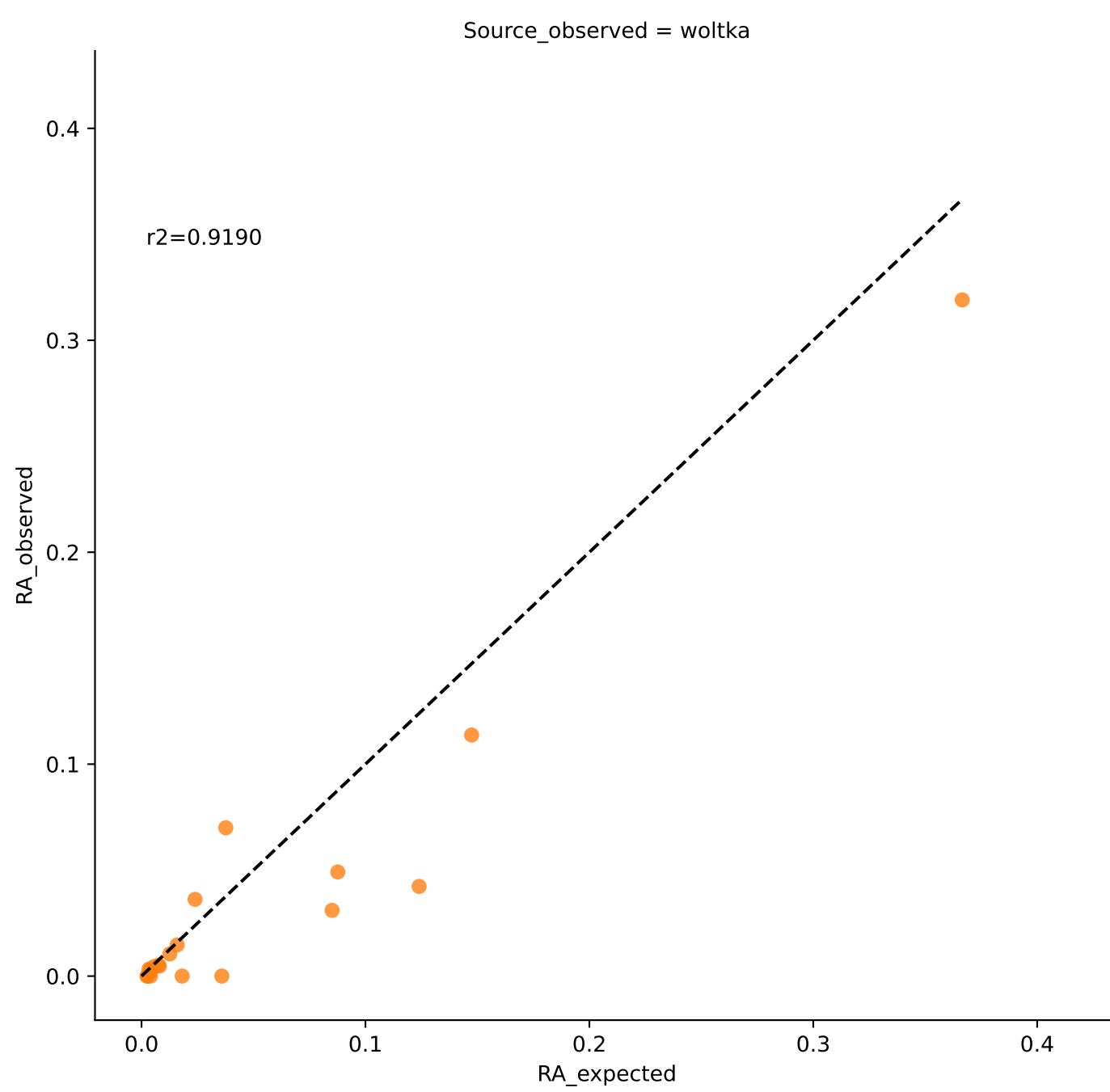
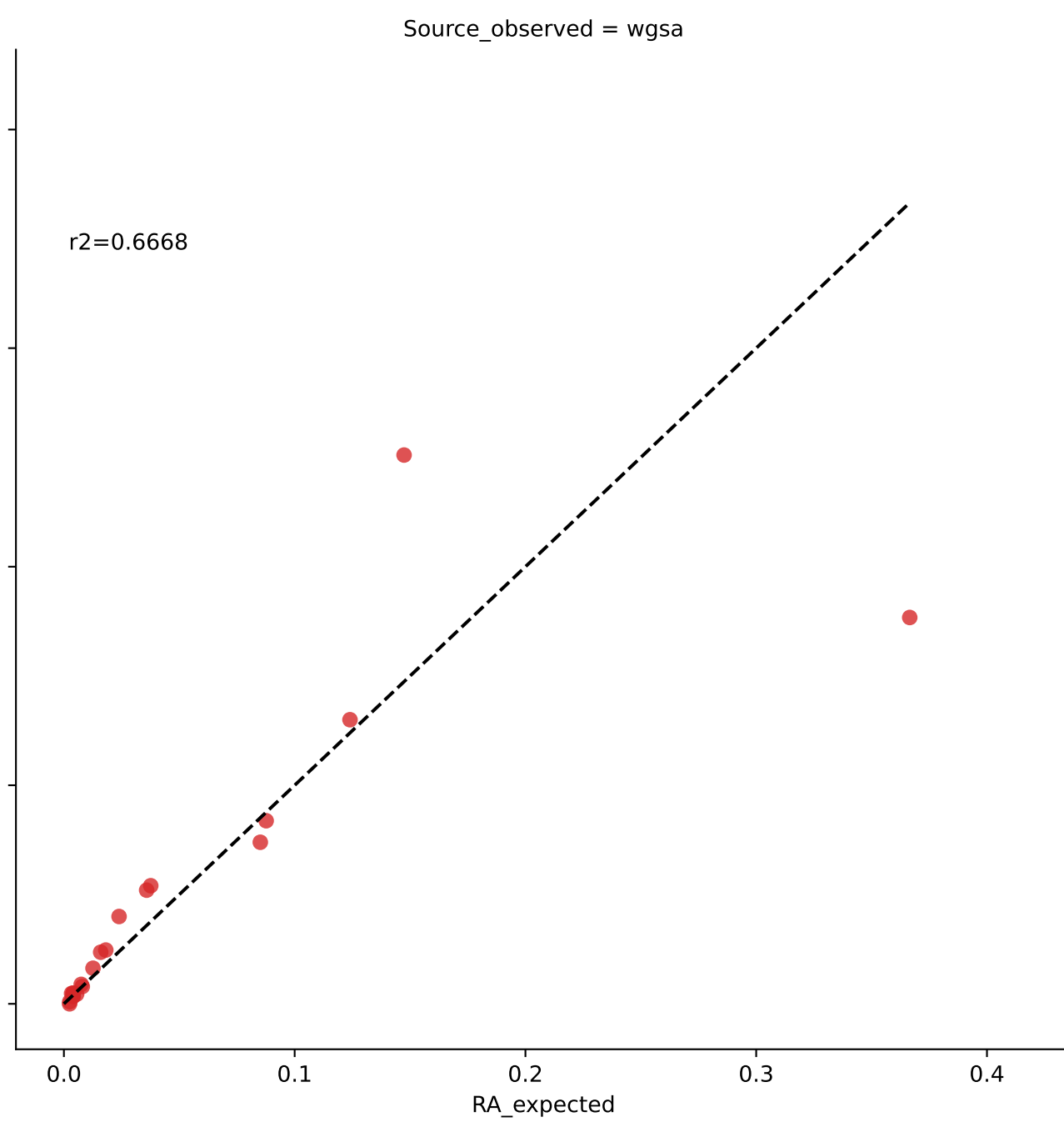
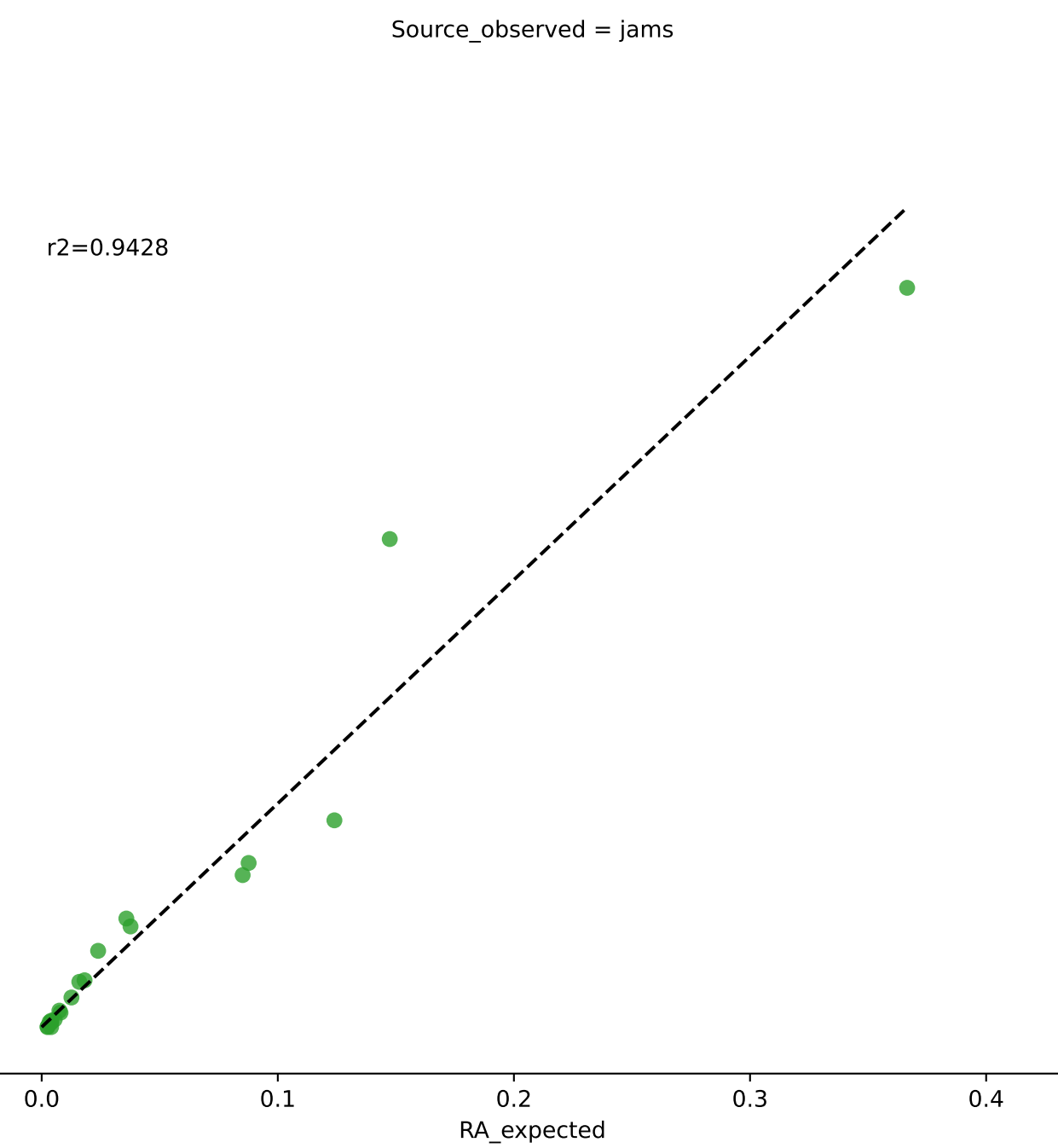
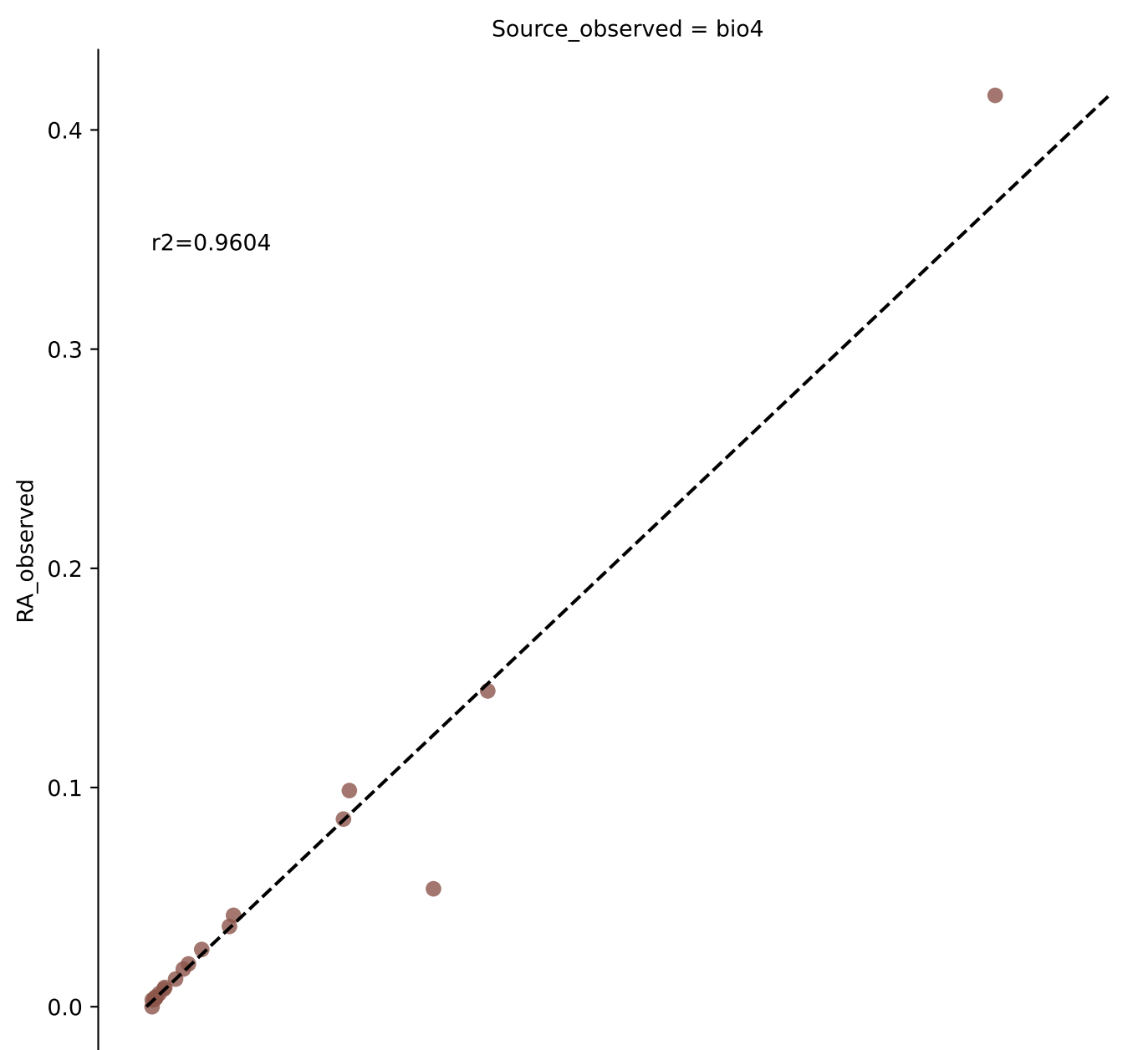


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 0.001)

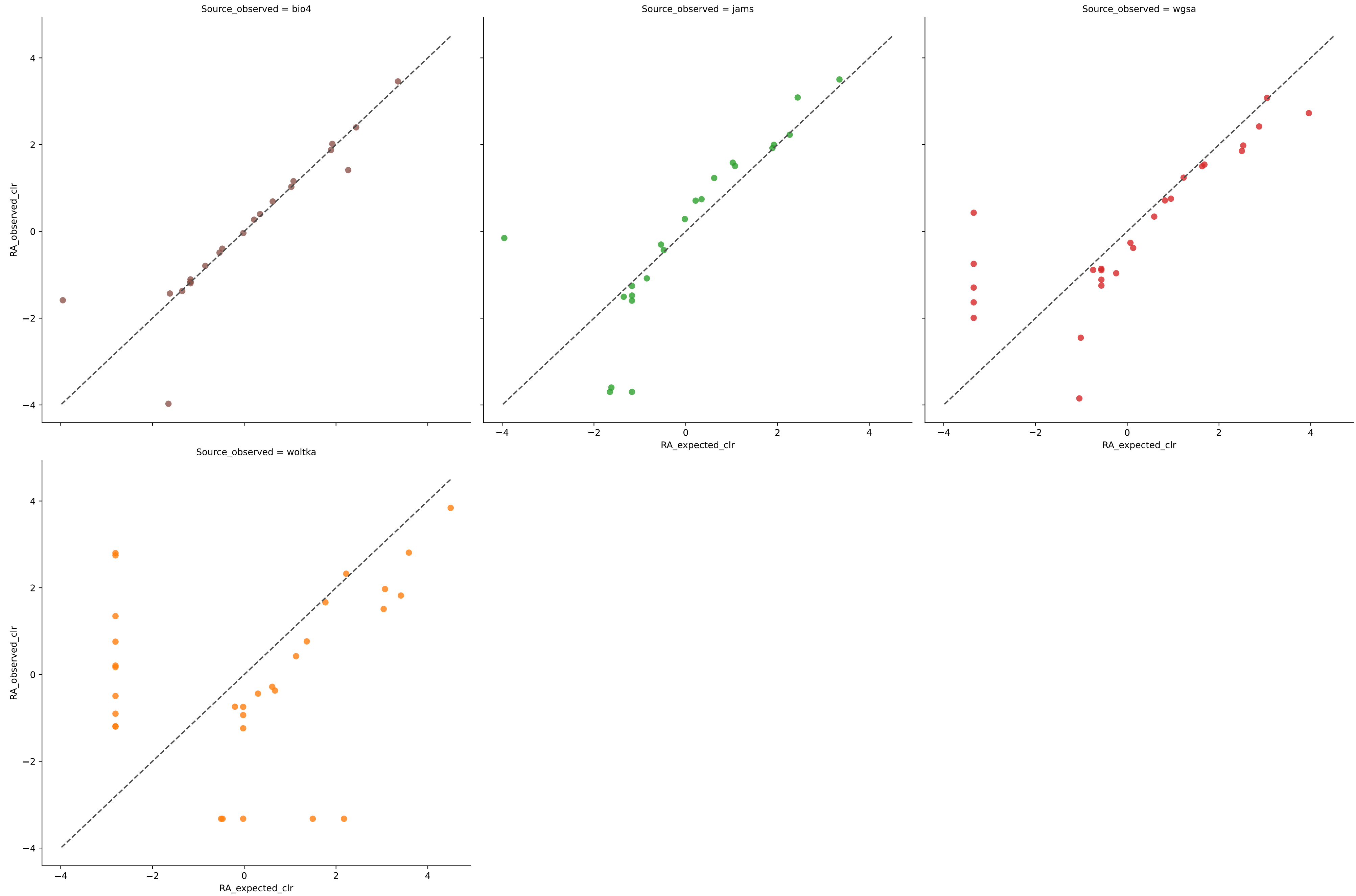


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	39	0.9940	0.0024	6.4648	0.9523	0.0054	97.3684	0.3791
jams	41	0.9429	0.0062	12.0625	0.8727	0.0118	97.3684	3.2108
wgsa	41	0.7421	0.0092	10.0944	0.8112	0.0250	97.3684	1.3651
woltka	56	0.7520	0.0106	19.8593	0.7034	0.0216	84.2105	7.3319

# Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 0.001)

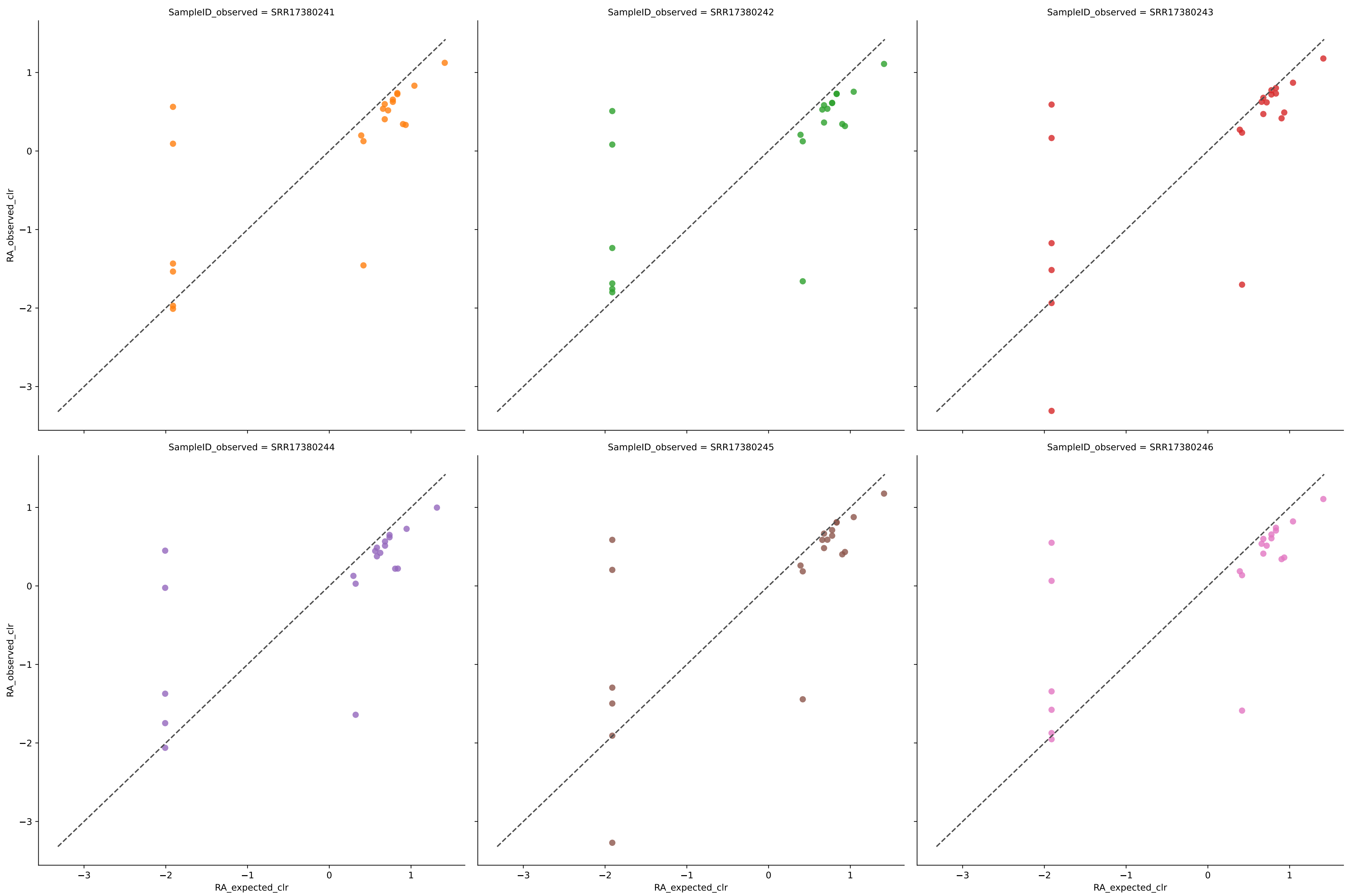


Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 0.001)



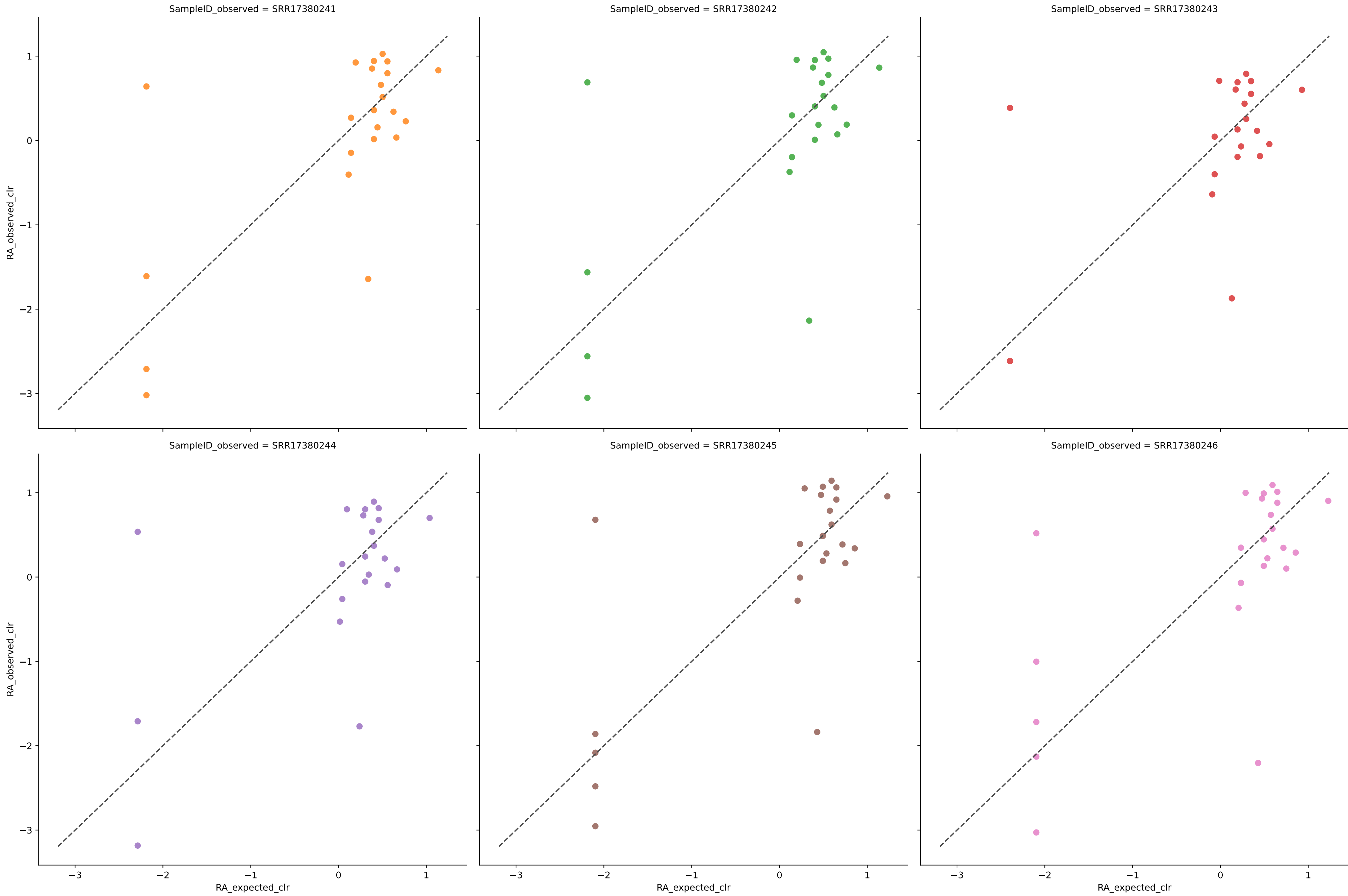
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	22	0.9606	0.0069	3.4376	0.9240	0.0185	95.2381	0.2679
jams	22	0.9431	0.0107	5.5841	0.8827	0.0194	90.4762	0.8545
wgsa	26	0.6847	0.0162	6.6627	0.7892	0.0431	95.2381	3.0263
woltka	31	0.7319	0.0215	14.7747	0.6674	0.0370	76.1905	28.7928

Expected vs. Observed Relative Abundance for species using bio4 in Experiment tourlousse with filter 0.001



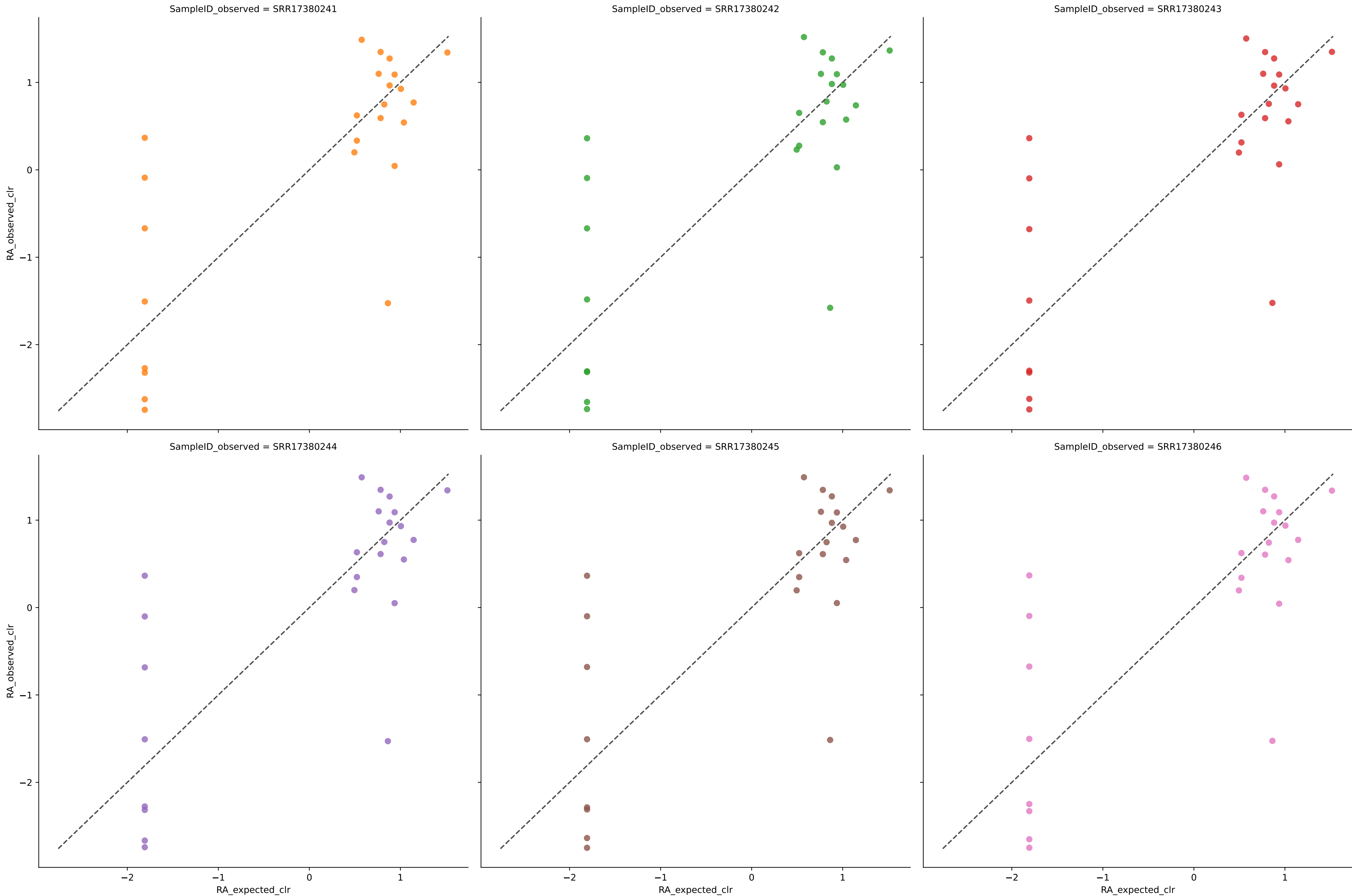
	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	21	0.6475	0.0021	3.8934	0.8679	0.0033	100.0000	2.0576
SRR17380242	21	0.6503	0.0021	3.9895	0.8644	0.0032	100.0000	2.0821
SRR17380243	21	0.6581	0.0020	4.2858	0.8696	0.0032	100.0000	1.9826
SRR17380244	20	0.6069	0.0021	3.9317	0.8696	0.0034	100.0000	1.9777
SRR17380245	21	0.6527	0.0020	4.1626	0.8691	0.0032	100.0000	2.0122
SRR17380246	21	0.6513	0.0021	3.9418	0.8682	0.0032	100.0000	2.0587
Average	21	0.6445	0.0021	4.0341	0.8681	0.0033	100.0000	2.0285

Expected vs. Observed Relative Abundance for species using jams in Experiment tourlousse with filter 0.001



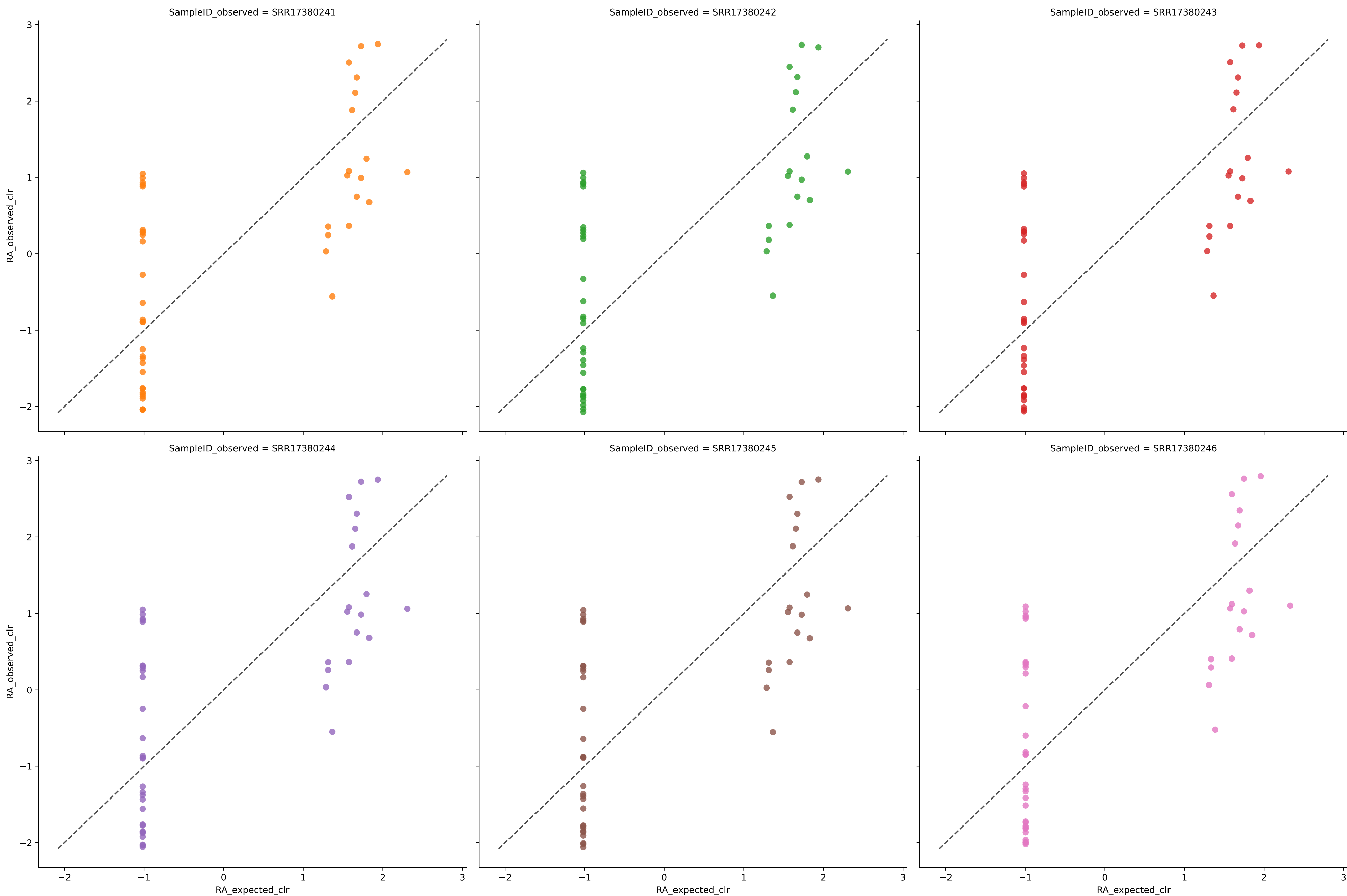
	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	23	0.2743	0.0032	4.0287	0.7783	0.0040	100.0000	1.1076
SRR17380242	23	0.2630	0.0032	4.3299	0.7762	0.0041	100.0000	1.1421
SRR17380243	21	0.1209	0.0035	3.8503	0.7812	0.0042	100.0000	0.9777
SRR17380244	22	0.1957	0.0034	4.0164	0.7790	0.0041	100.0000	1.0930
SRR17380245	24	0.3436	0.0031	4.0998	0.7775	0.0039	100.0000	1.0541
SRR17380246	24	0.3463	0.0031	4.3653	0.7750	0.0038	100.0000	1.1124
Average	23	0.2573	0.0032	4.1151	0.7779	0.0040	100.0000	1.0811

Expected vs. Observed Relative Abundance for species using wgsa in Experiment tourlousse with filter 0.001



	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	25	0.4833	0.0029	4.4315	0.7811	0.0039	100.0000	1.3081
SRR17380242	25	0.4804	0.0029	4.4757	0.7804	0.0039	100.0000	1.2792
SRR17380243	25	0.4821	0.0029	4.4246	0.7810	0.0039	100.0000	1.3015
SRR17380244	25	0.4860	0.0029	4.4270	0.7823	0.0039	100.0000	1.2922
SRR17380245	25	0.4851	0.0029	4.4181	0.7822	0.0039	100.0000	1.2996
SRR17380246	25	0.4849	0.0029	4.4306	0.7817	0.0039	100.0000	1.3036
Average	25	0.4836	0.0029	4.4346	0.7814	0.0039	100.0000	1.2974

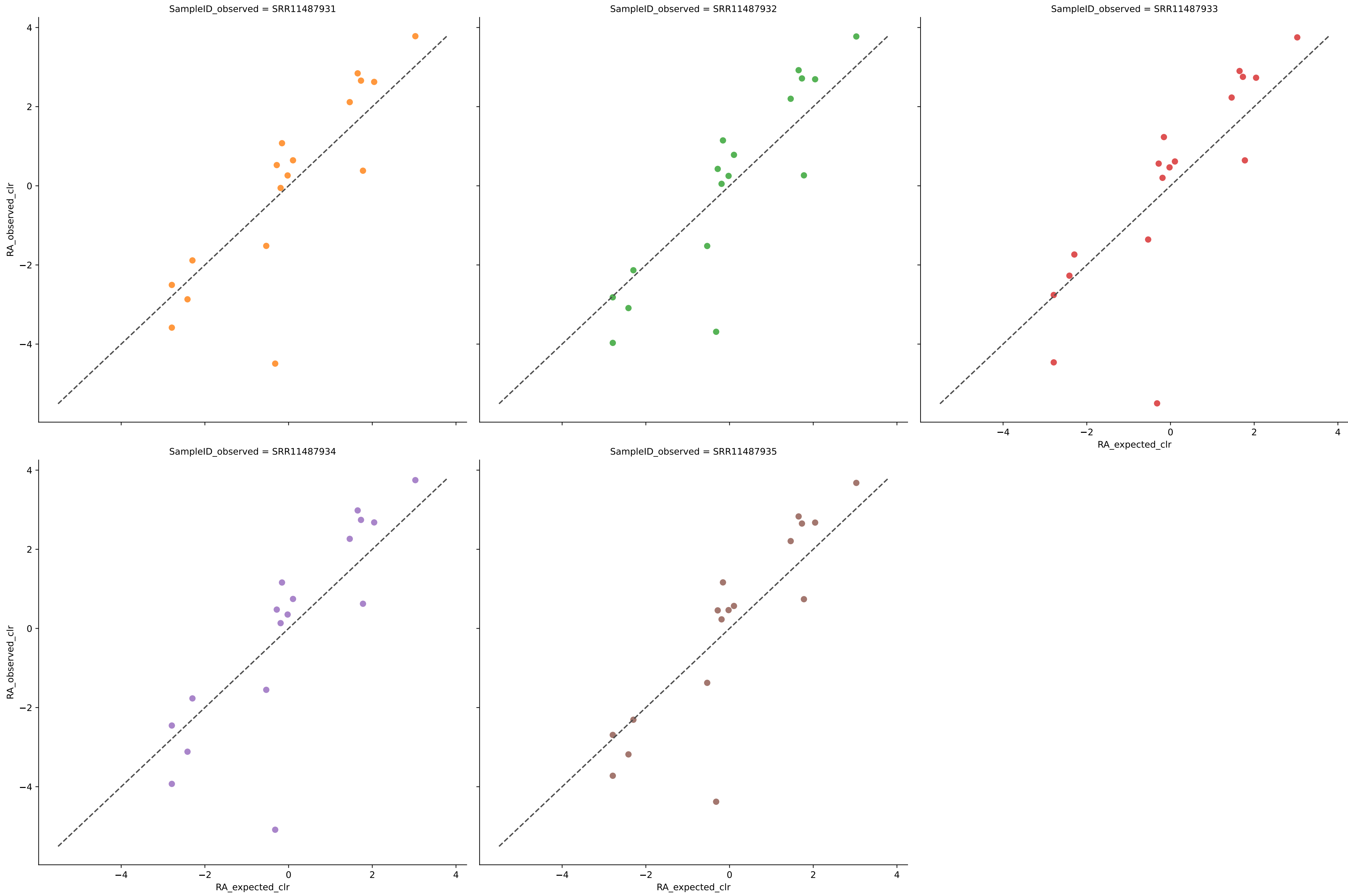
Expected vs. Observed Relative Abundance for species using woltka in Experiment tourlousse with filter 0.001



	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	47	0.3536	0.0031	7.2874	0.5550	0.0045	100.0000	3.5012
SRR17380242	47	0.3563	0.0031	7.3064	0.5568	0.0045	100.0000	3.5432
SRR17380243	47	0.3540	0.0031	7.3070	0.5552	0.0045	100.0000	3.5082
SRR17380244	47	0.3516	0.0031	7.3150	0.5544	0.0045	100.0000	3.4987
SRR17380245	47	0.3518	0.0032	7.3011	0.5540	0.0046	100.0000	3.4947
SRR17380246	48	0.3562	0.0031	7.3849	0.5539	0.0045	100.0000	3.5206
Average	47	0.3539	0.0031	7.3170	0.5549	0.0045	100.0000	3.5111

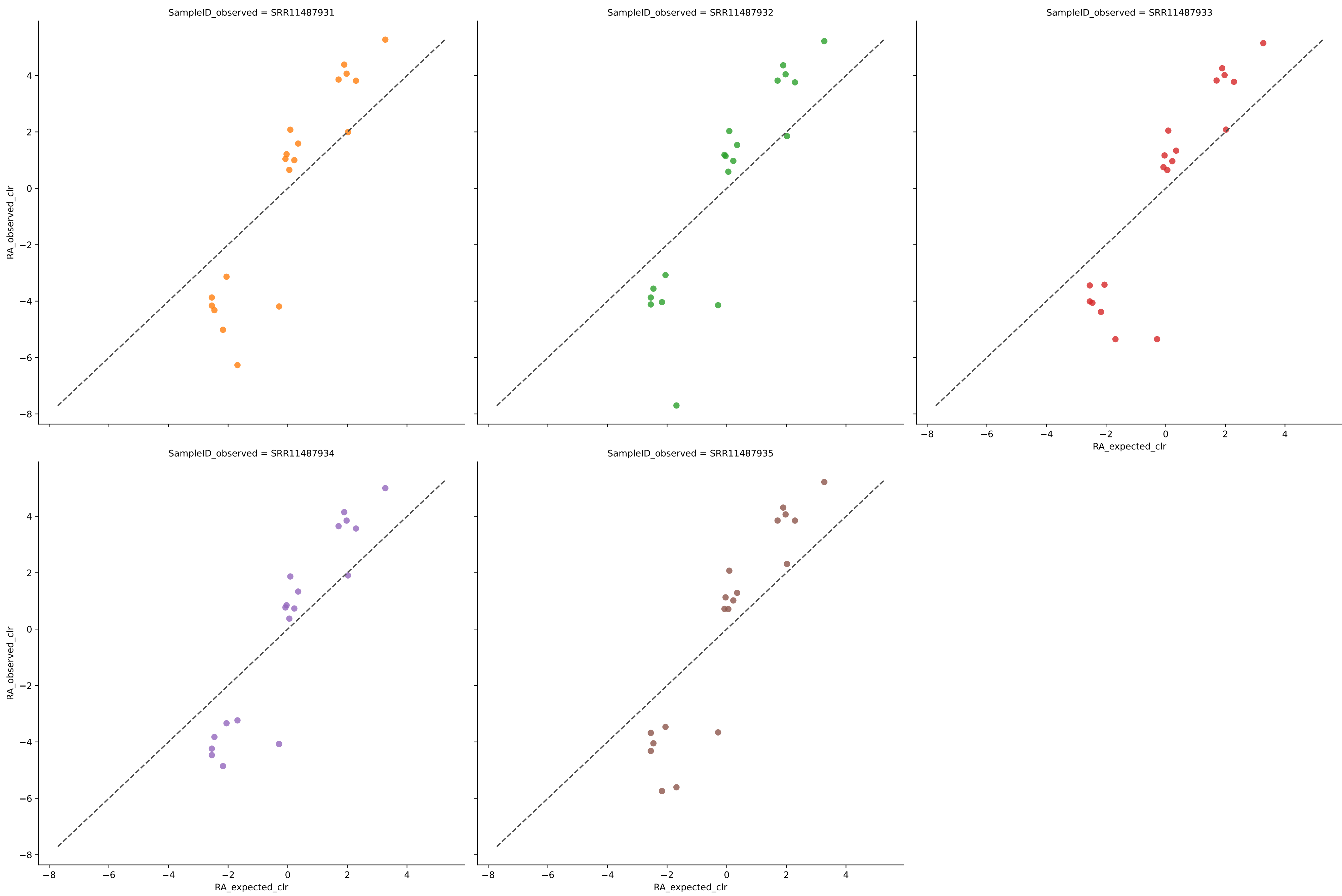


Expected vs. Observed Relative Abundance for species using bio4 in Experiment Amos hilo with filter 0.001



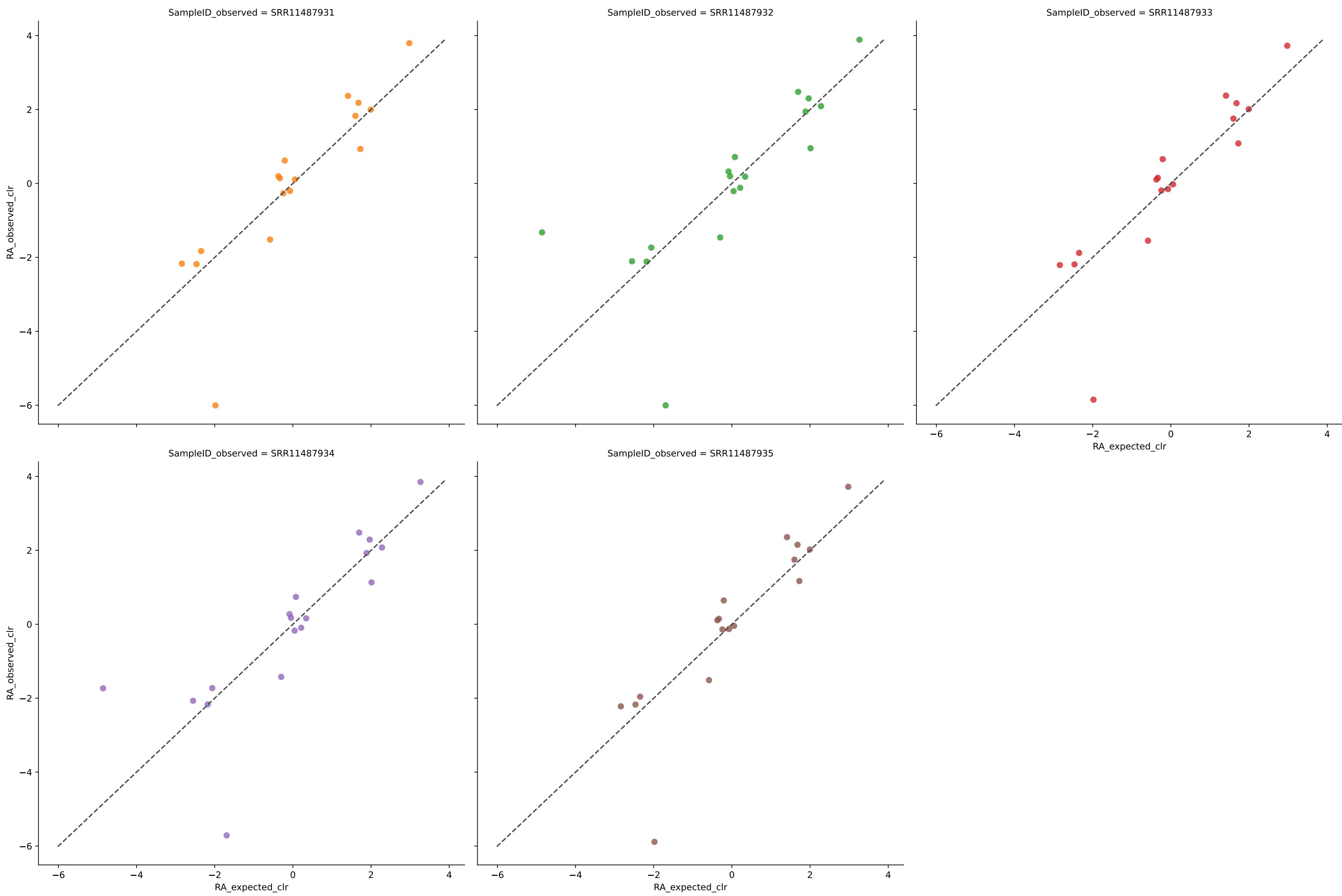
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	17	0.9142	0.0034	5.2528	0.8568	0.0060	100.0000	0.0000
SRR11487932	17	0.9028	0.0033	4.8354	0.8611	0.0062	100.0000	0.0000
SRR11487933	17	0.9066	0.0030	6.2762	0.8715	0.0058	100.0000	0.0000
SRR11487934	17	0.8944	0.0032	5.8814	0.8633	0.0062	100.0000	0.0000
SRR11487935	17	0.9113	0.0029	5.1244	0.8773	0.0056	100.0000	0.0000
Average	17	0.9059	0.0032	5.4740	0.8660	0.0060	100.0000	0.0000

Expected vs. Observed Relative Abundance for species using jams in Experiment Amos hilo with filter 0.001



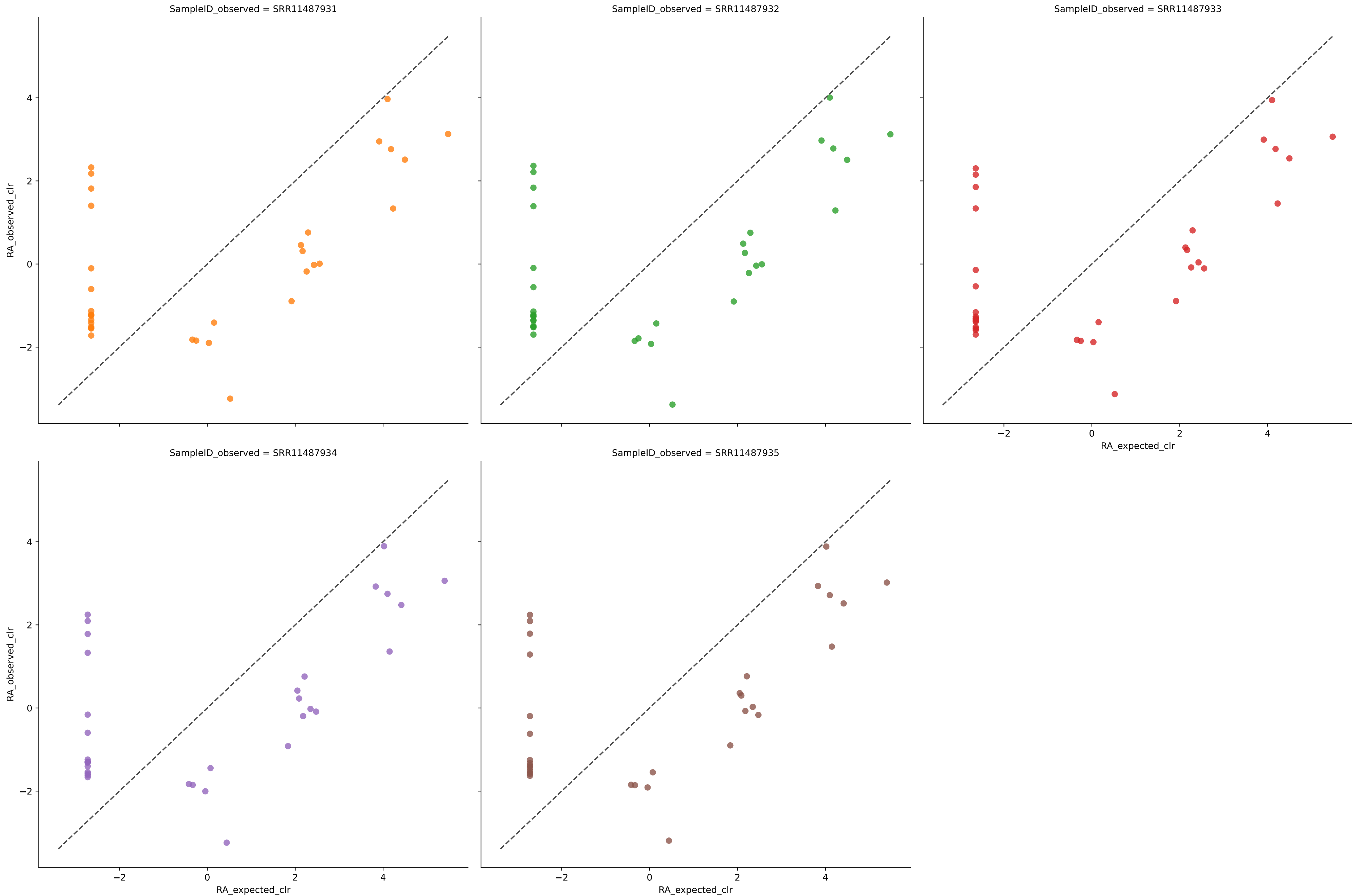
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	19	0.9021	0.0041	9.1725	0.8070	0.0067	100.0000	0.0000
SRR11487932	19	0.8961	0.0041	9.5318	0.8045	0.0068	100.0000	0.0000
SRR11487933	19	0.9069	0.0039	8.8944	0.8142	0.0063	100.0000	0.0000
SRR11487934	19	0.8996	0.0040	7.5502	0.8085	0.0066	94.7368	0.0000
SRR11487935	19	0.9133	0.0038	8.8004	0.8171	0.0062	100.0000	0.0000
Average	19	0.9036	0.0040	8.7899	0.8103	0.0065	98.9474	0.0000

Expected vs. Observed Relative Abundance for species using wgsa in Experiment Amos hilo with filter 0.001



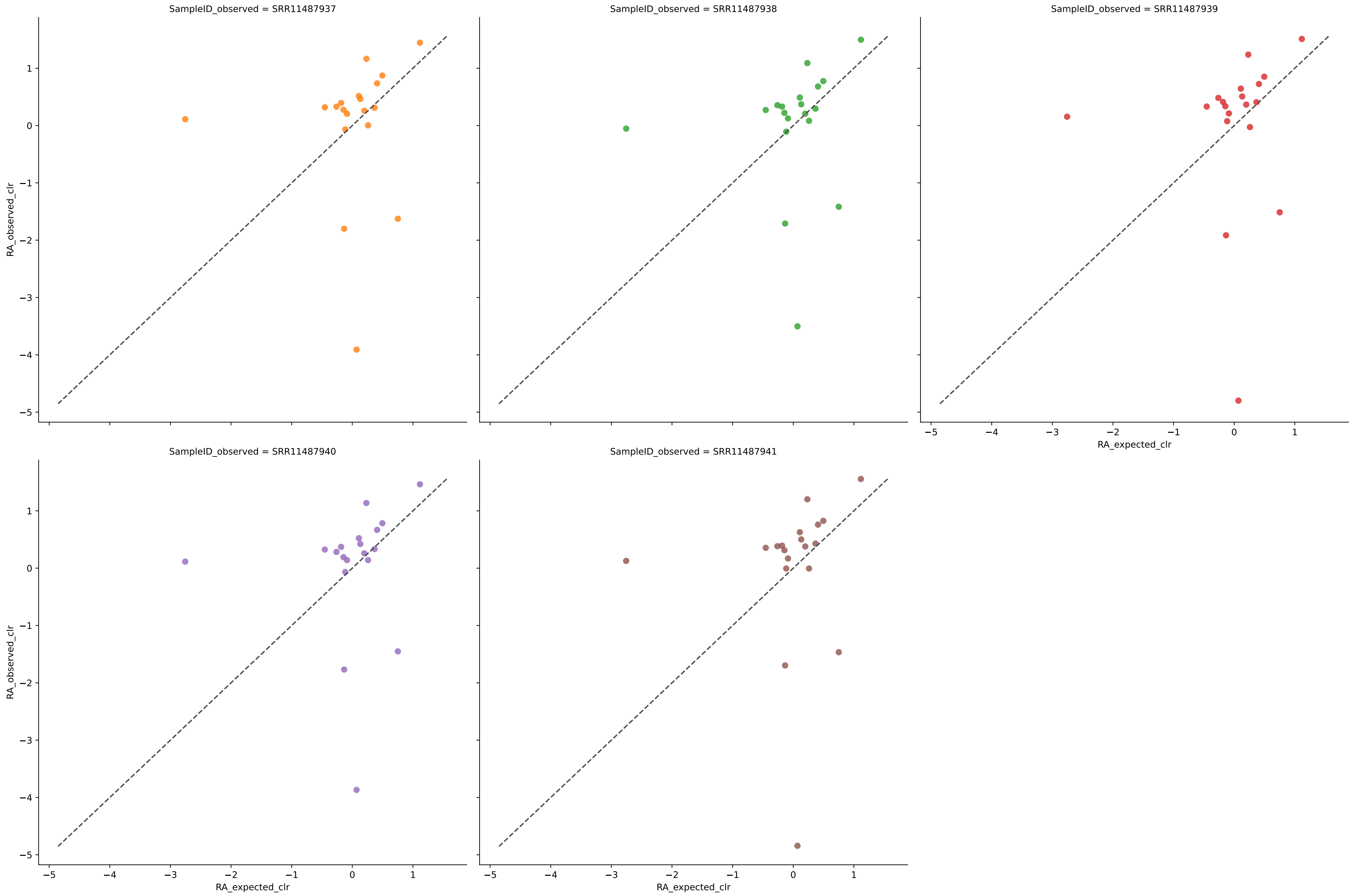
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	17	0.9122	0.0044	4.6517	0.8126	0.0084	100.0000	0.0000
SRR11487932	18	0.9107	0.0042	5.9848	0.8100	0.0081	100.0000	0.0548
SRR11487933	17	0.9187	0.0042	4.4721	0.8211	0.0077	100.0000	0.0000
SRR11487934	18	0.9159	0.0041	5.4943	0.8166	0.0077	100.0000	0.0373
SRR11487935	17	0.9223	0.0041	4.4669	0.8256	0.0076	100.0000	0.0000
Average	17	0.9159	0.0042	5.0140	0.8172	0.0079	100.0000	0.0184

Expected vs. Observed Relative Abundance for species using wol in Experiment Amos hilo with filter 0.001



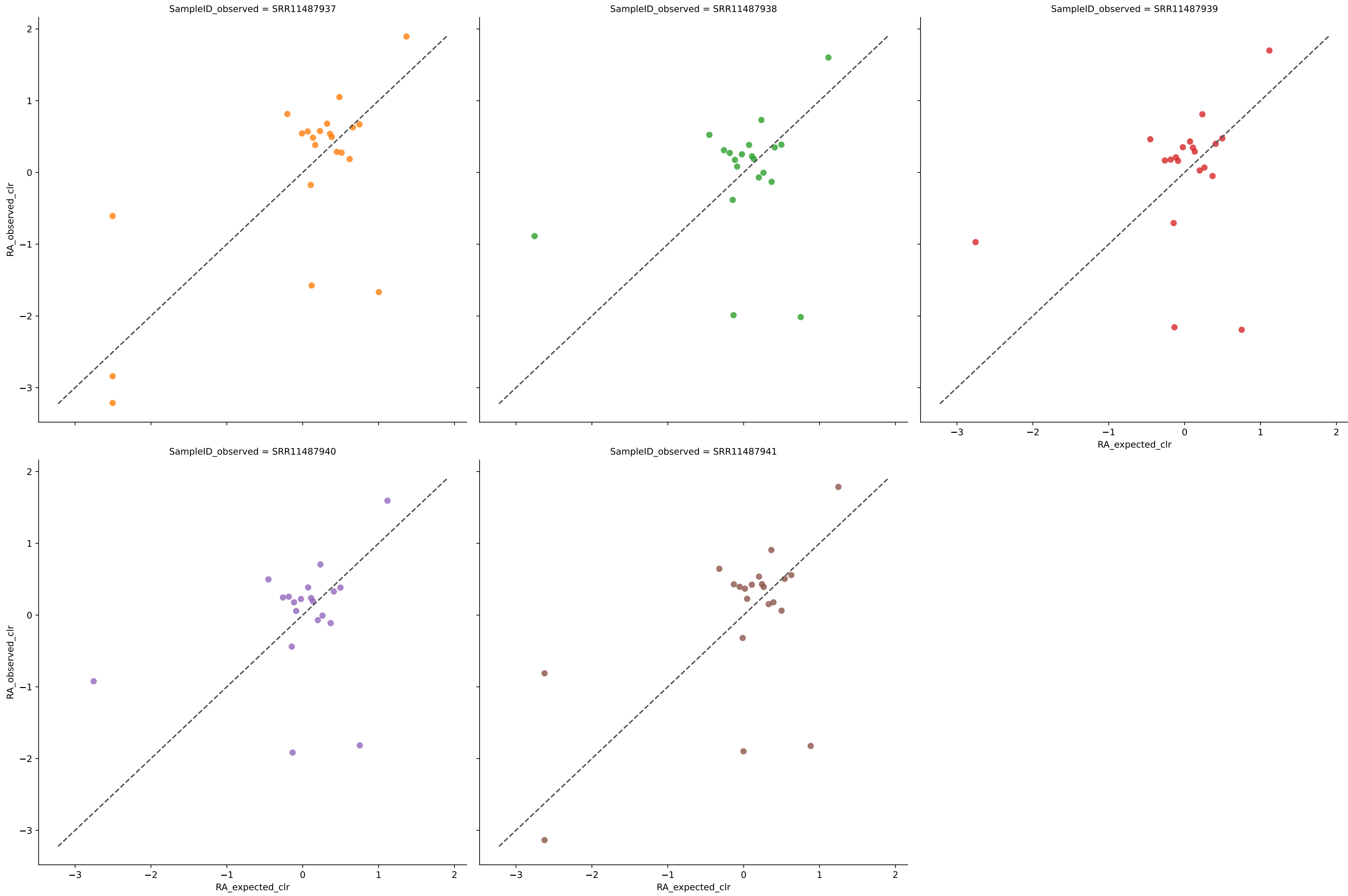
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	34	0.3265	0.0053	13.8359	0.5485	0.0121	100.0000	3.9312
SRR11487932	34	0.3106	0.0054	13.9491	0.5405	0.0124	100.0000	3.9611
SRR11487933	34	0.3190	0.0053	13.7288	0.5492	0.0122	100.0000	3.8947
SRR11487934	33	0.3300	0.0054	13.7102	0.5553	0.0122	100.0000	3.8551
SRR11487935	33	0.3231	0.0054	13.6208	0.5547	0.0122	100.0000	3.8368
Average	34	0.3218	0.0054	13.7690	0.5497	0.0122	100.0000	3.8958

Expected vs. Observed Relative Abundance for species using bio4 in Experiment Amos mixed with filter 0.001



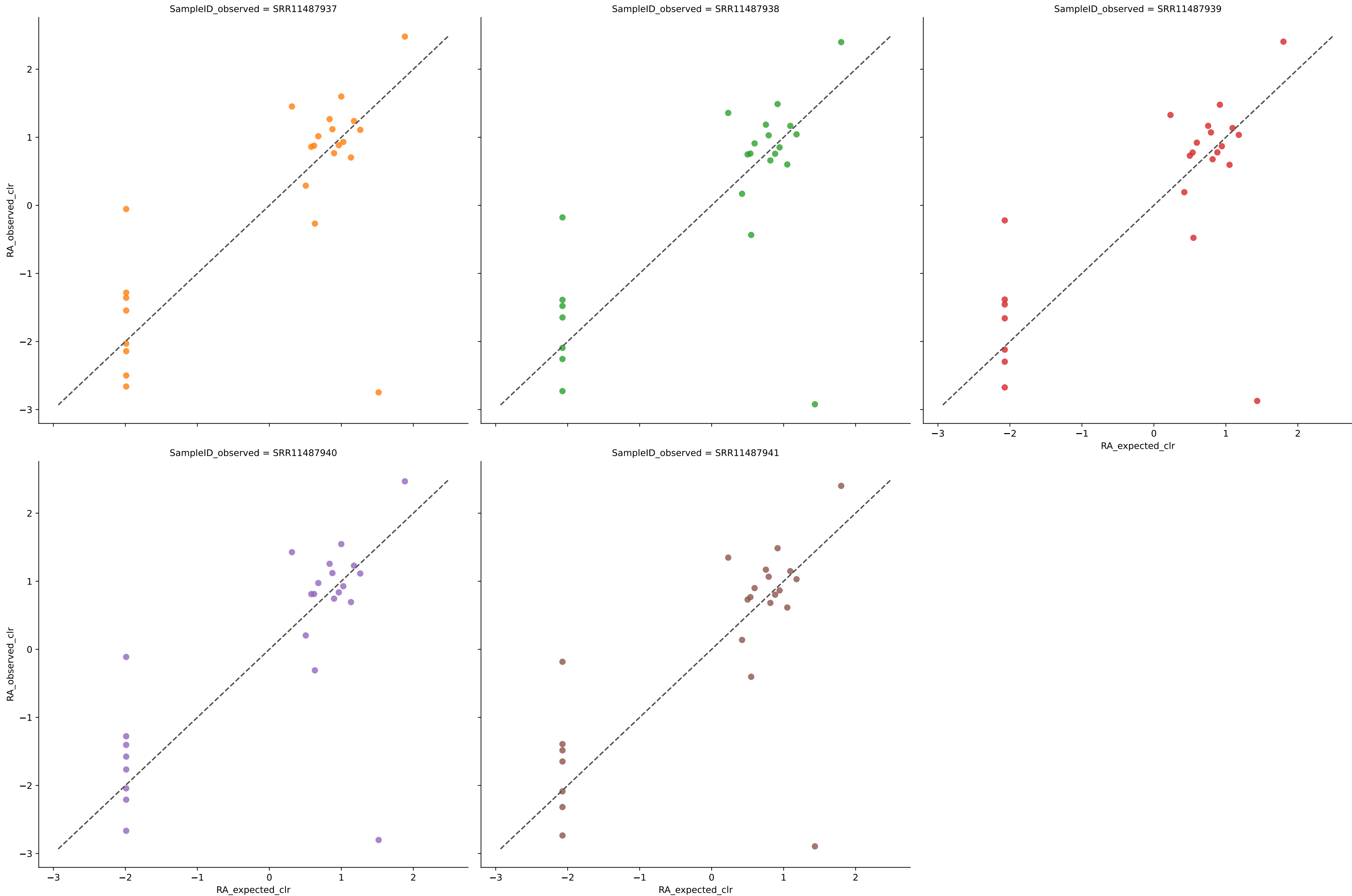
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	19	0.2750	0.0046	5.9654	0.7820	0.0062	100.0000	0.7960
SRR11487938	19	0.3349	0.0044	5.4644	0.7892	0.0060	100.0000	0.6985
SRR11487939	19	0.2702	0.0045	6.6548	0.7857	0.0062	100.0000	0.7874
SRR11487940	19	0.2963	0.0043	5.8315	0.7928	0.0061	100.0000	0.8118
SRR11487941	19	0.3061	0.0044	6.5860	0.7880	0.0061	100.0000	0.7704
Average	19	0.2965	0.0045	6.1004	0.7876	0.0061	100.0000	0.7728

Expected vs. Observed Relative Abundance for species using jams in Experiment Amos mixed with filter 0.001



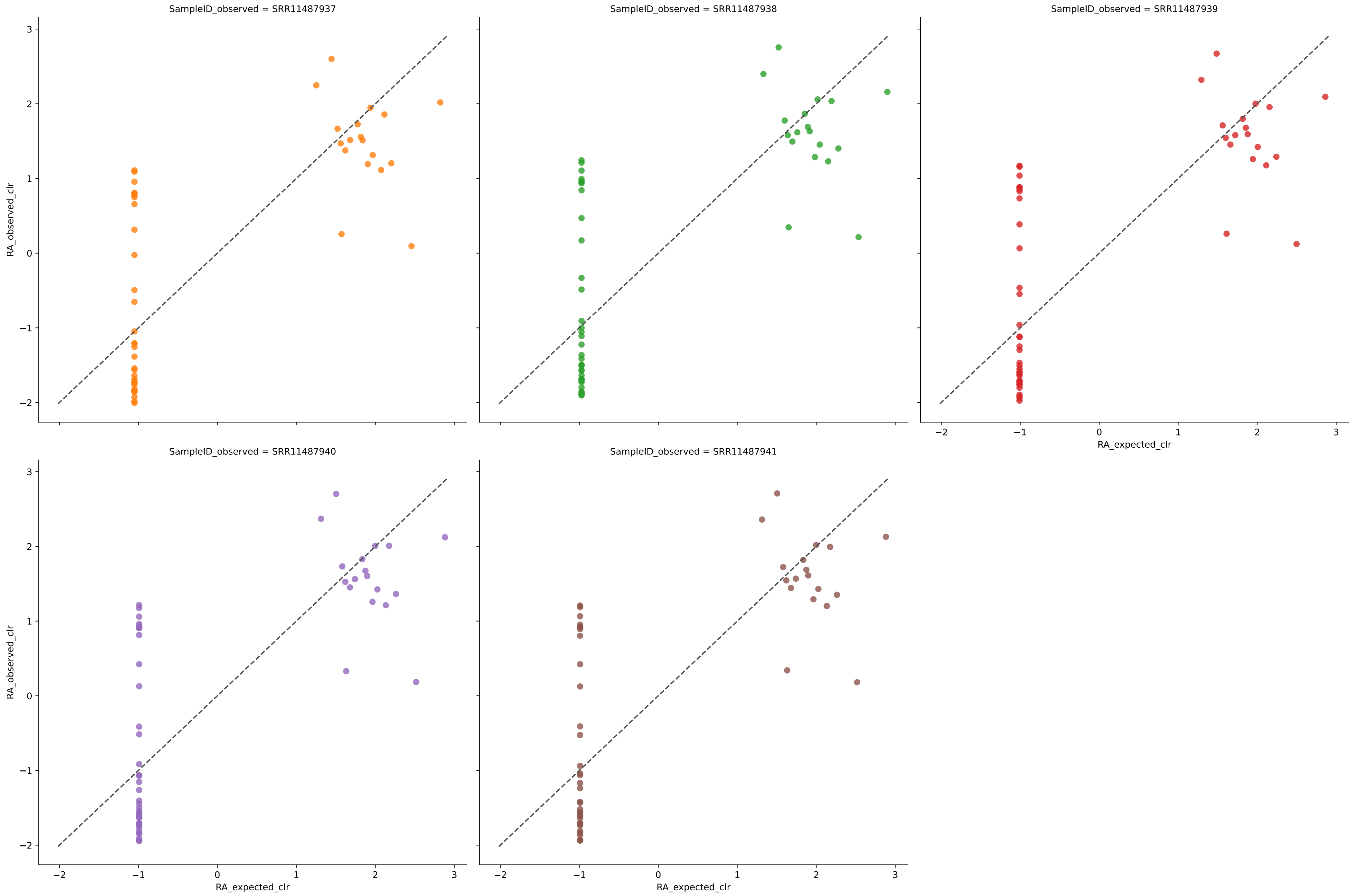
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	22	0.4748	0.0038	4.1491	0.7888	0.0055	100.0000	0.3694
SRR11487938	20	0.3898	0.0042	4.1620	0.7892	0.0059	100.0000	0.3211
SRR11487939	20	0.4313	0.0041	4.3416	0.7938	0.0058	100.0000	0.2718
SRR11487940	20	0.4043	0.0042	3.9628	0.7924	0.0058	100.0000	0.3137
SRR11487941	21	0.4526	0.0040	4.1575	0.7922	0.0057	100.0000	0.3183
Average	21	0.4306	0.0041	4.1546	0.7913	0.0057	100.0000	0.3189

Expected vs. Observed Relative Abundance for species using wgsa in Experiment Amos mixed with filter 0.001



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	25	0.5597	0.0037	5.2335	0.7693	0.0059	100.0000	0.7589
SRR11487938	24	0.5474	0.0038	5.2689	0.7698	0.0061	100.0000	0.7184
SRR11487939	24	0.5509	0.0038	5.2104	0.7699	0.0061	100.0000	0.7049
SRR11487940	25	0.5624	0.0037	5.2246	0.7700	0.0059	100.0000	0.7826
SRR11487941	24	0.5502	0.0038	5.2360	0.7711	0.0061	100.0000	0.7126
Average	24	0.5541	0.0037	5.2347	0.7700	0.0060	100.0000	0.7355

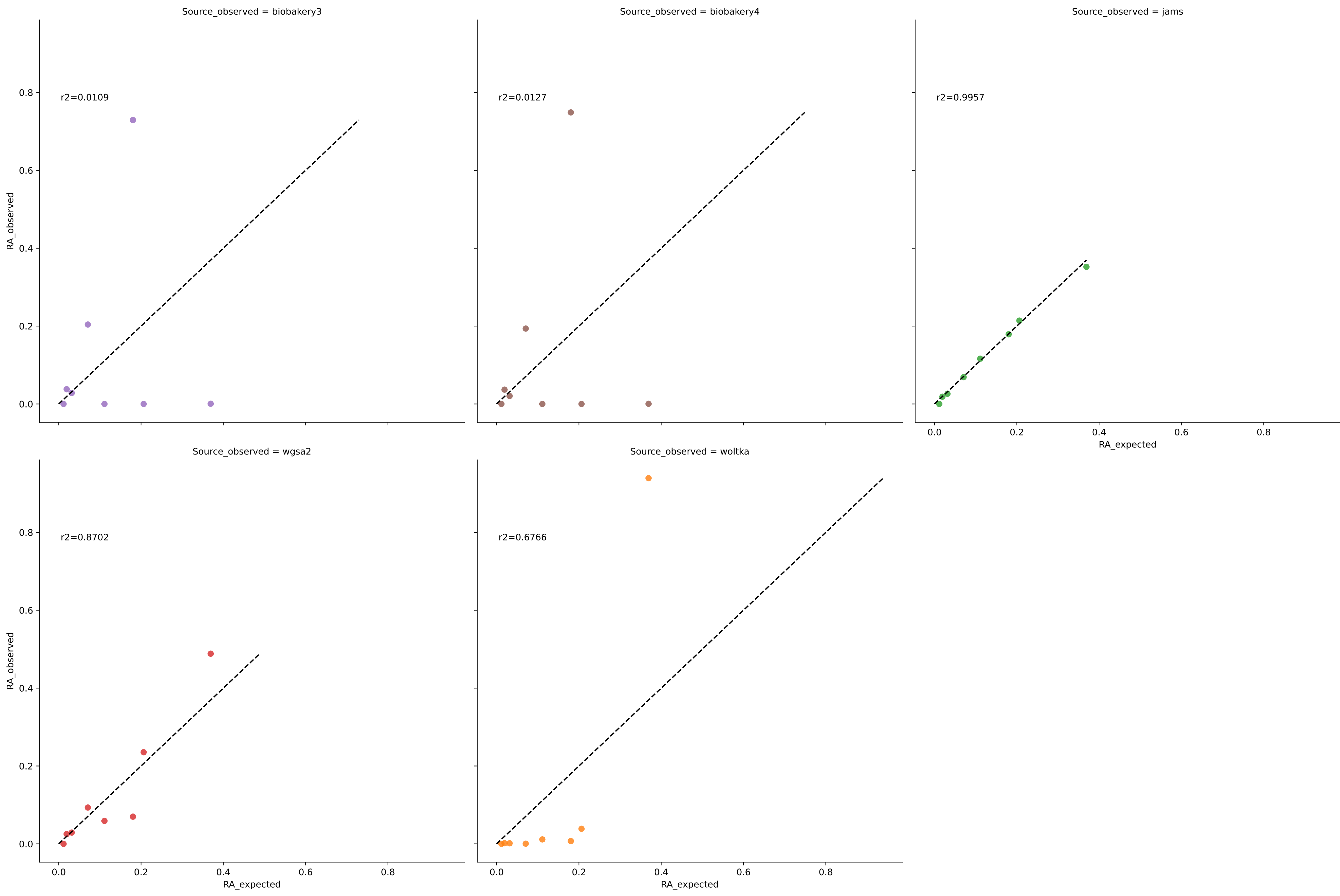
Expected vs. Observed Relative Abundance for species using wol in Experiment Amos mixed with filter 0.001



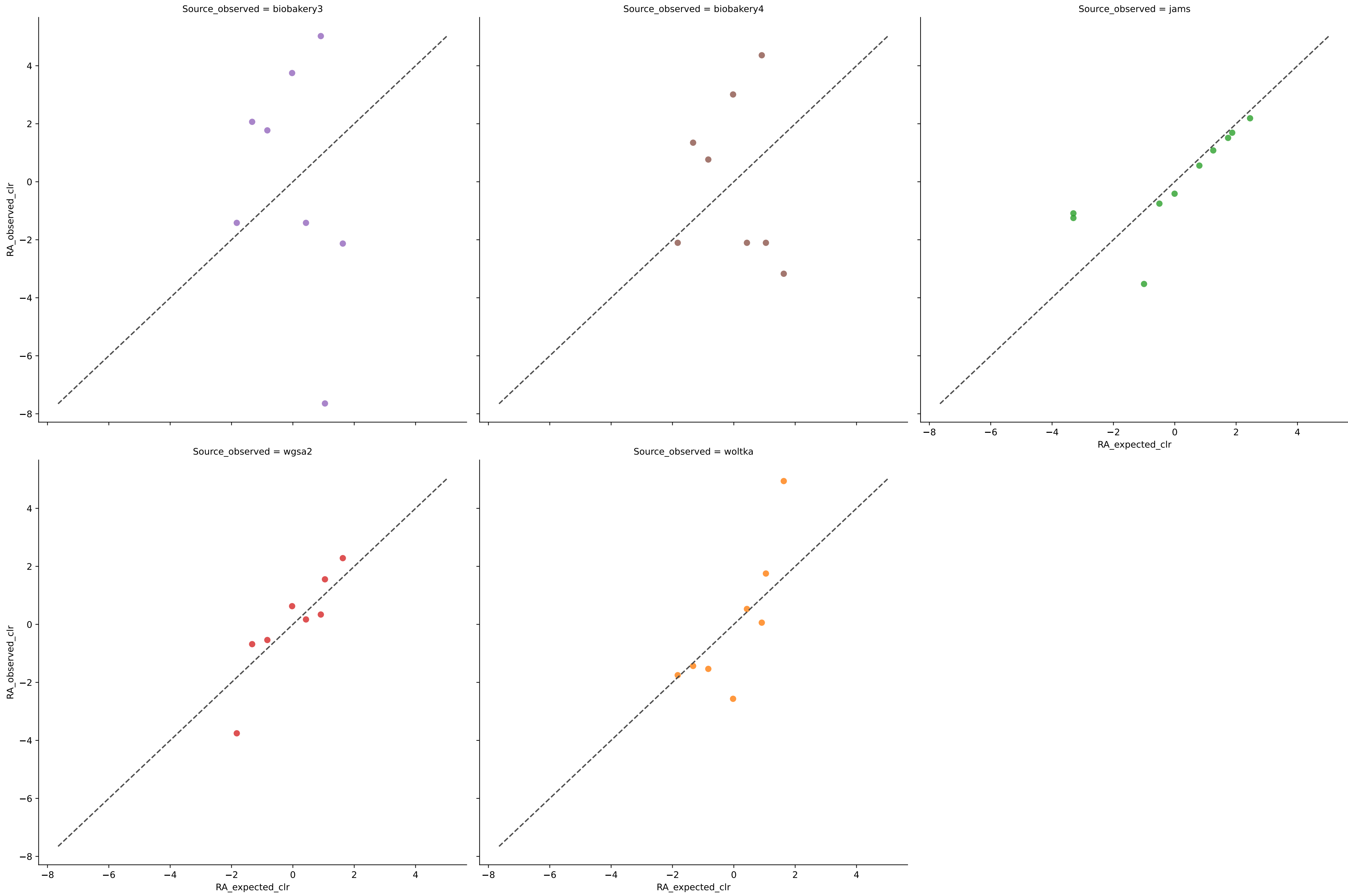
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	50	0.3644	0.0029	7.4103	0.6355	0.0049	100.0000	4.4819
SRR11487938	54	0.3751	0.0027	7.6934	0.6304	0.0048	100.0000	4.6515
SRR11487939	52	0.3758	0.0028	7.5309	0.6378	0.0048	100.0000	4.5318
SRR11487940	53	0.3749	0.0028	7.6194	0.6323	0.0048	100.0000	4.6312
SRR11487941	53	0.3762	0.0028	7.6134	0.6332	0.0048	100.0000	4.6185
Average	52	0.3733	0.0028	7.5735	0.6338	0.0048	100.0000	4.5830



# Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0.01)

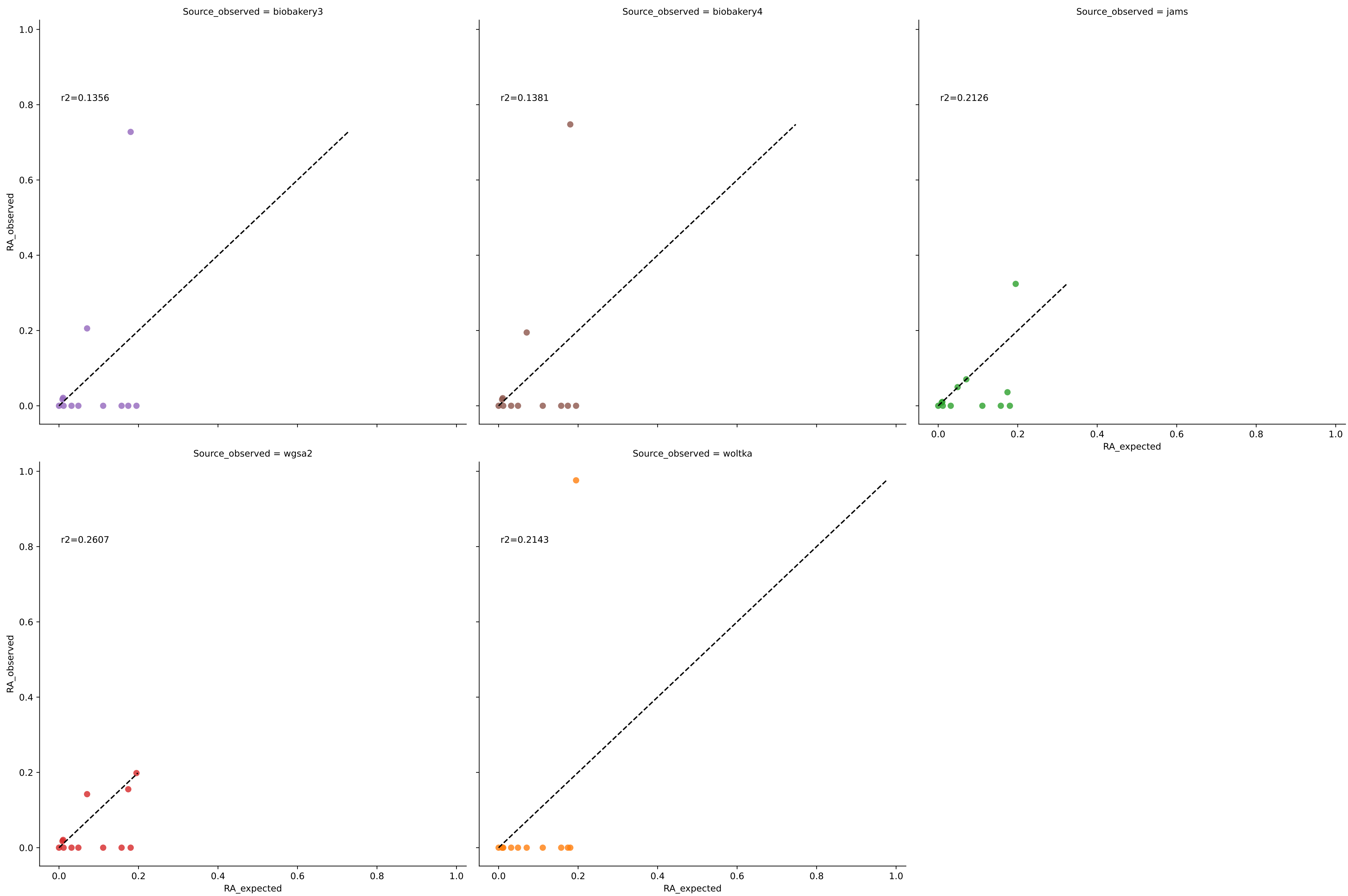


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0.01)

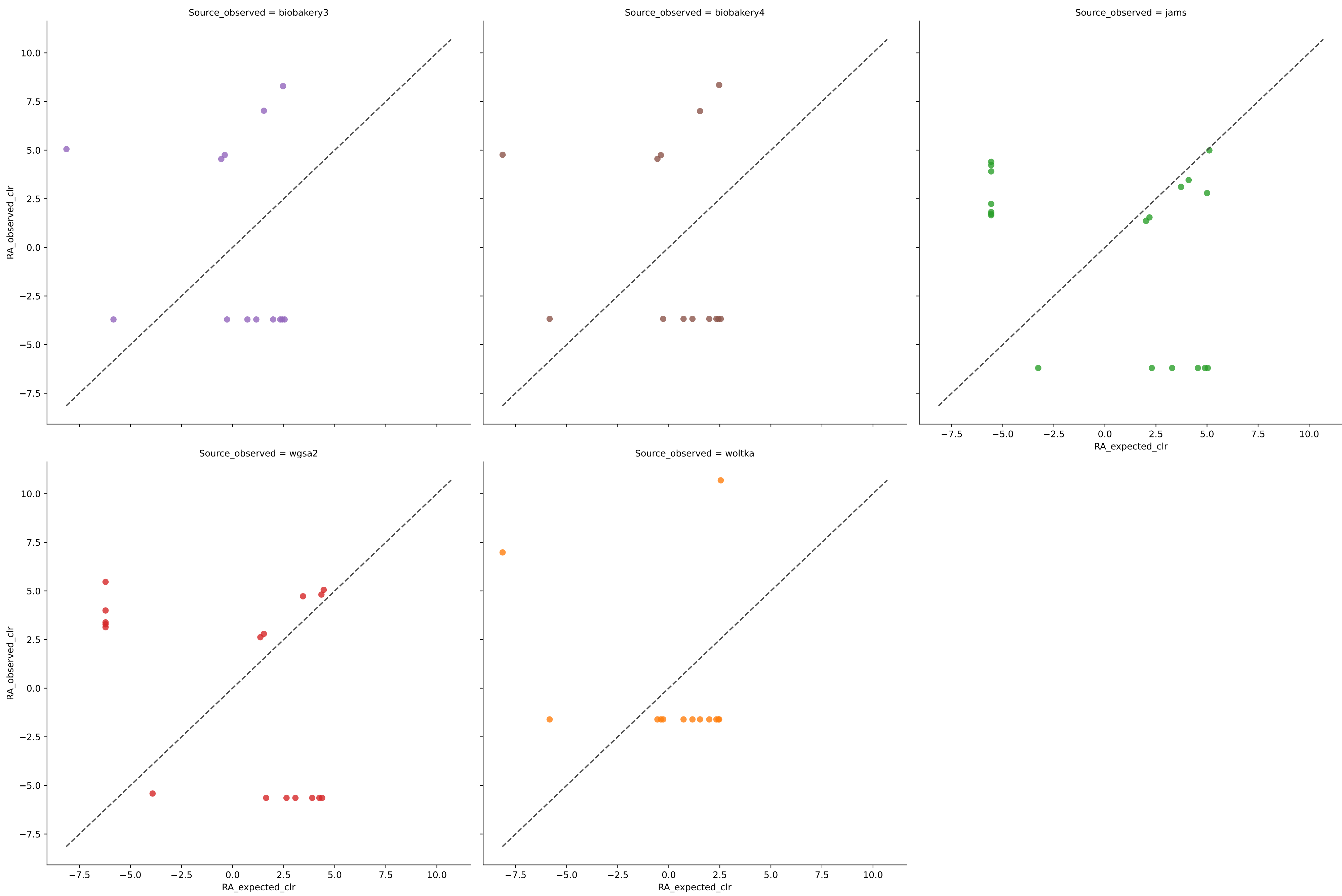


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.0109	0.1752	11.9443	0.2991	0.2526	75.0000	0.0000
biobakery4	8	0.0127	0.1772	8.3828	0.2912	0.2573	62.5000	0.0000
jams	10	0.9944	0.0075	3.9957	0.9624	0.0092	87.5000	2.4602
wgsa2	8	0.8702	0.0442	2.3923	0.8232	0.0619	87.5000	0.0000
woltka	8	0.6766	0.1425	4.3797	0.4300	0.2234	87.5000	0.0000

# Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0.01)

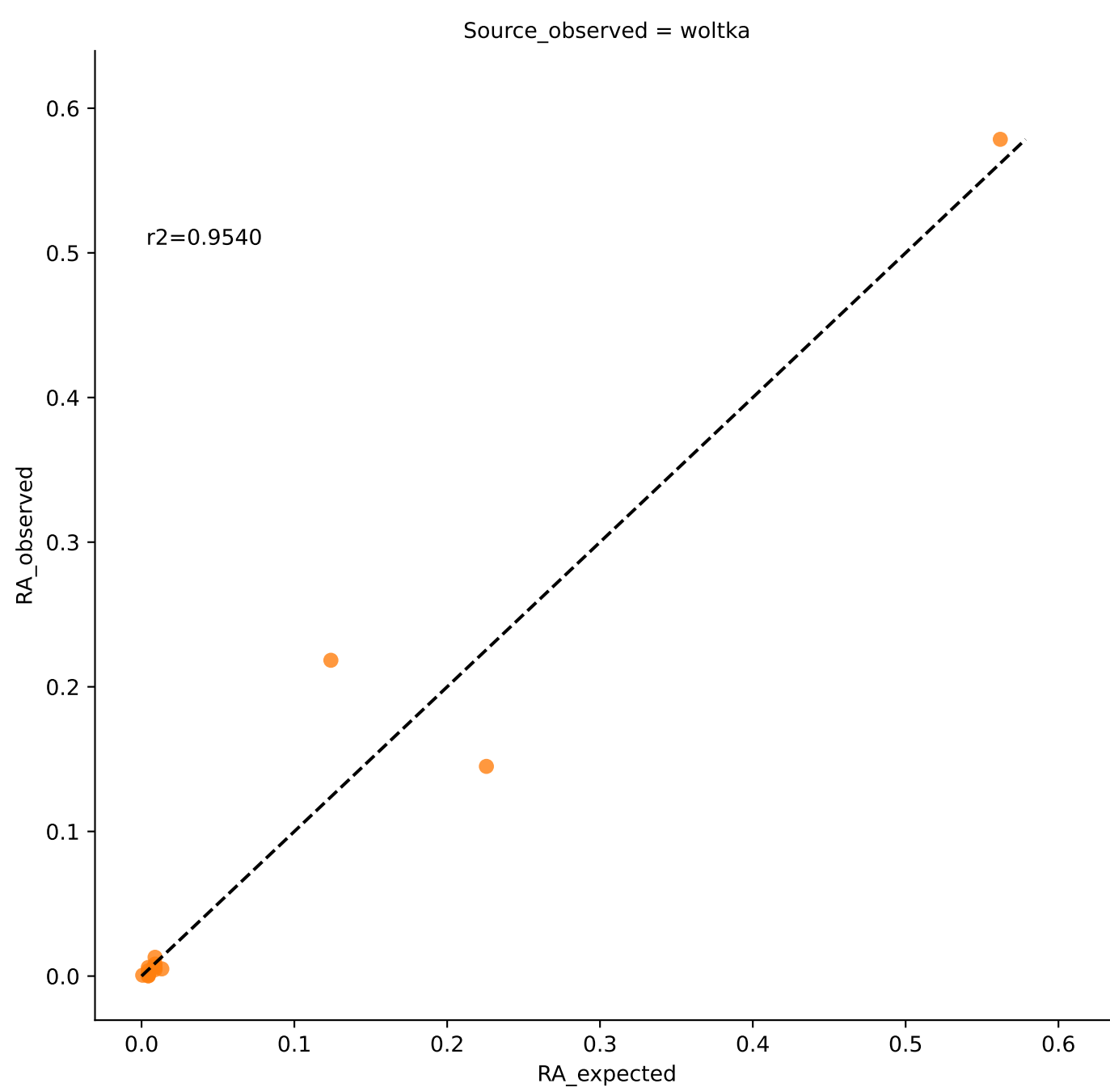
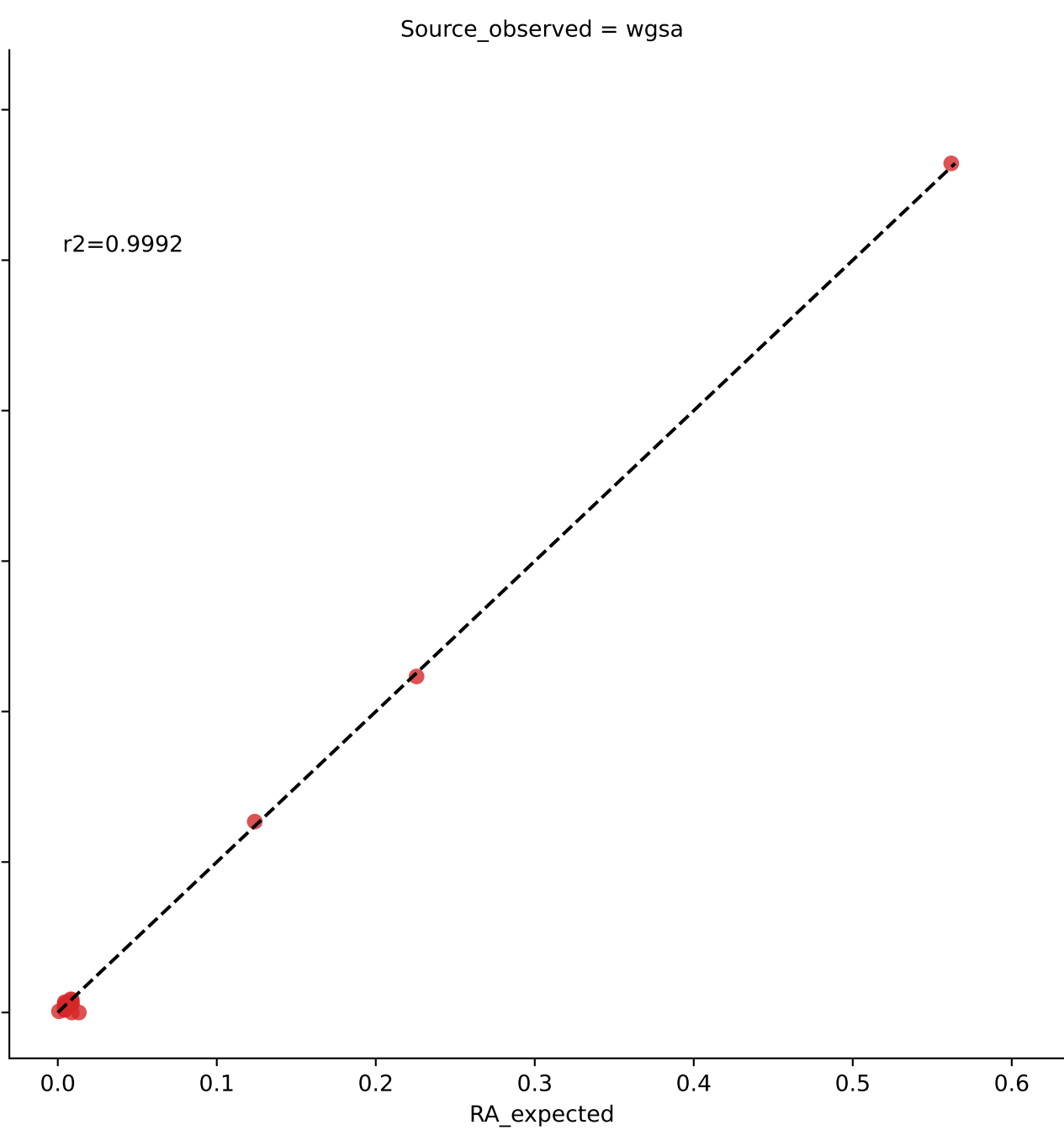
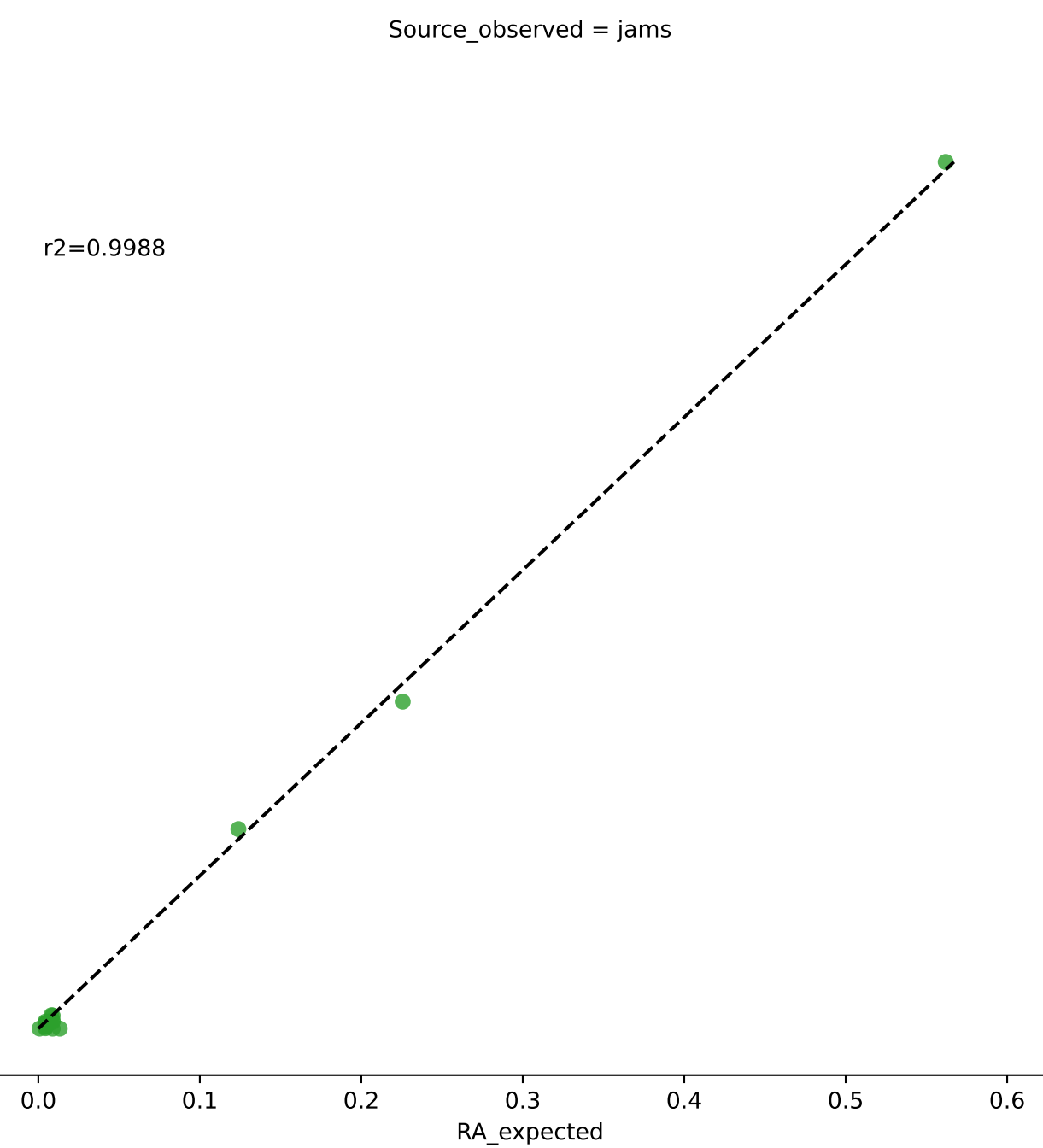
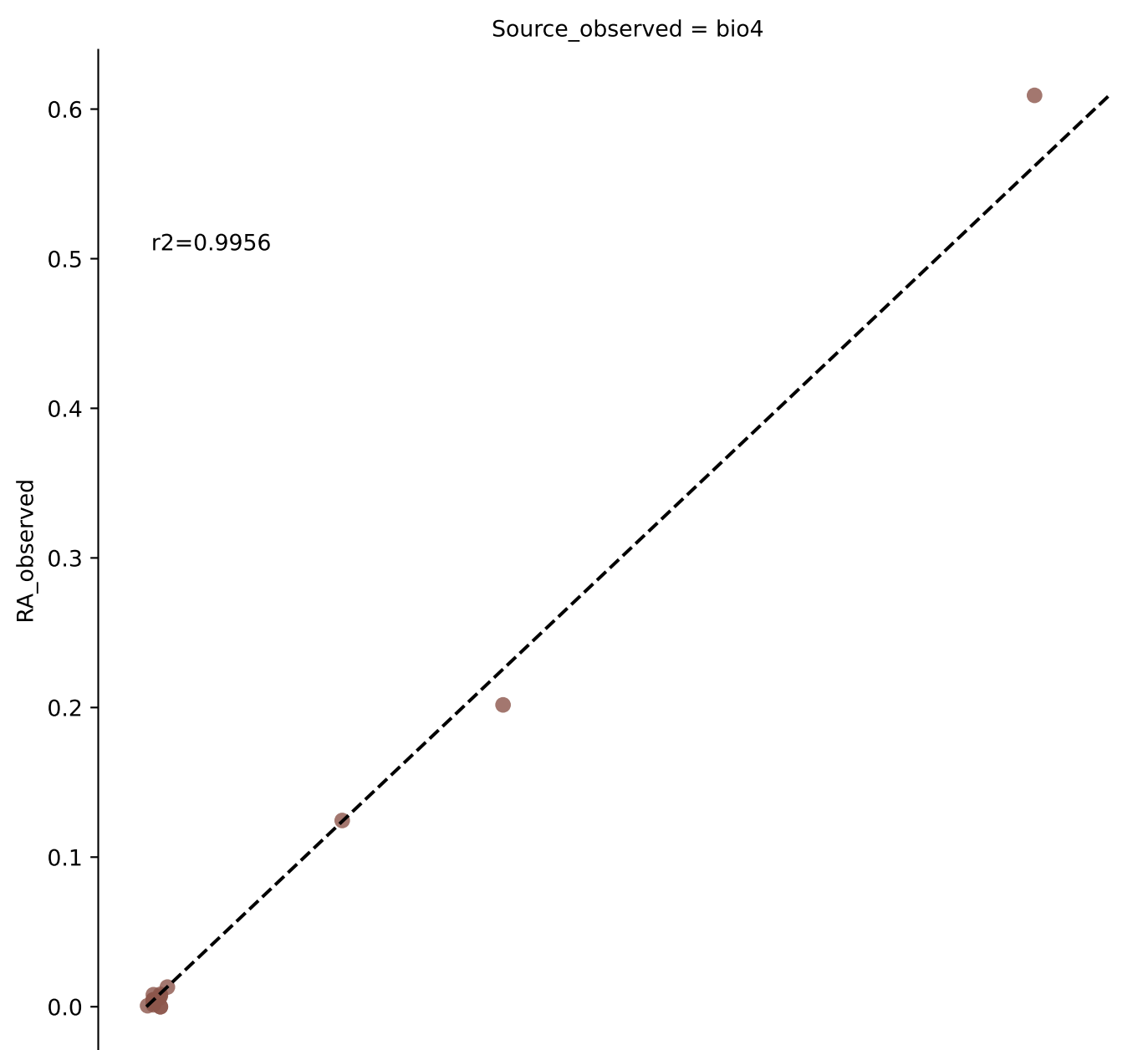


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0.01)

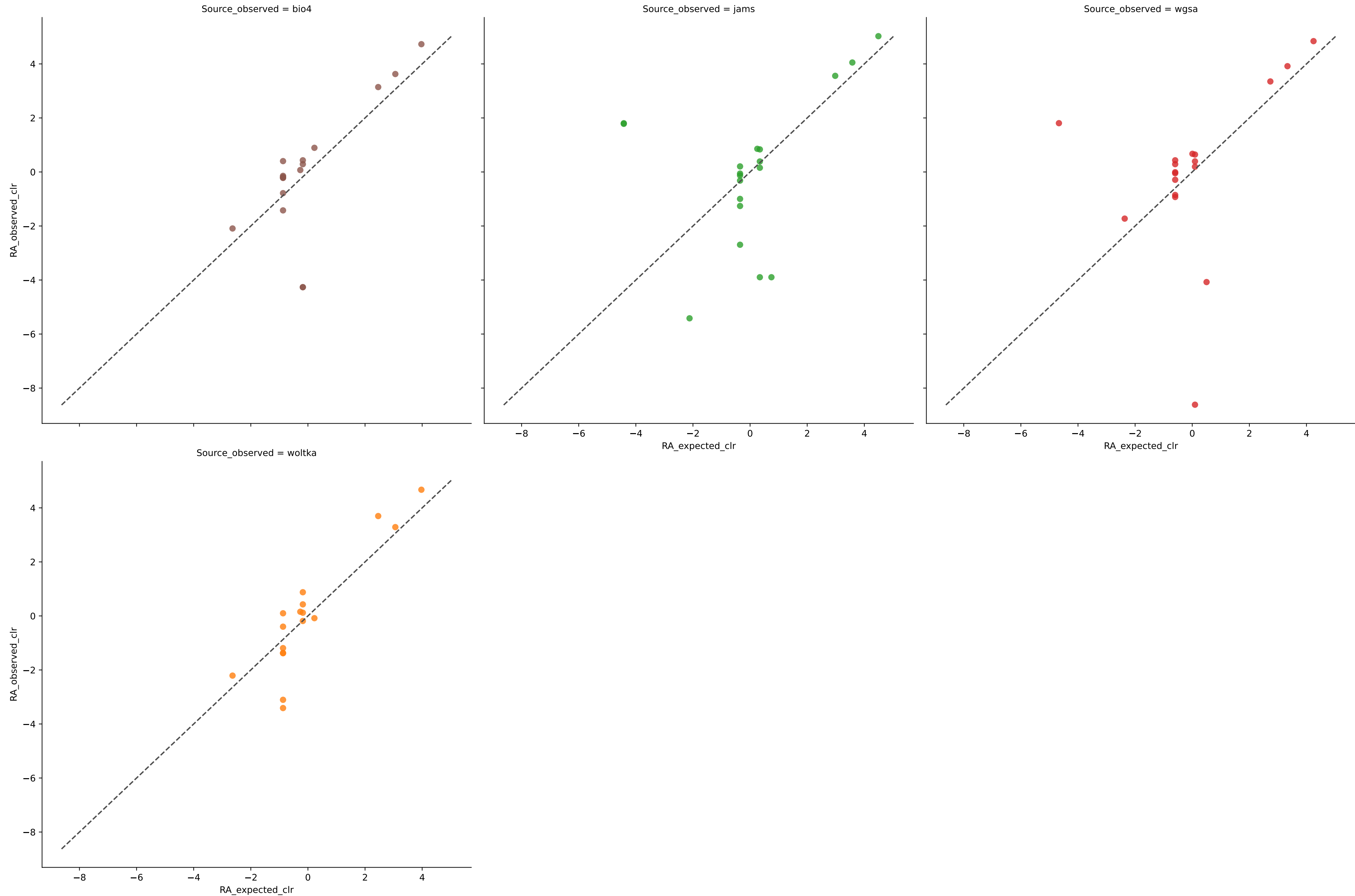


	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	13	0.1382	0.1123	22.2639	0.2702	0.1814	33.3333	2.8477
biobakery4	13	0.1426	0.1123	22.0538	0.2702	0.1854	33.3333	2.0672
jams	19	0.0486	0.0664	32.3825	0.3691	0.0961	50.0000	50.1032
wgsa2	17	0.0278	0.0659	31.7086	0.4400	0.1017	50.0000	46.6336
woltka	13	0.2100	0.1239	20.0301	0.1949	0.2352	8.3333	2.3966

# Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 0.01)

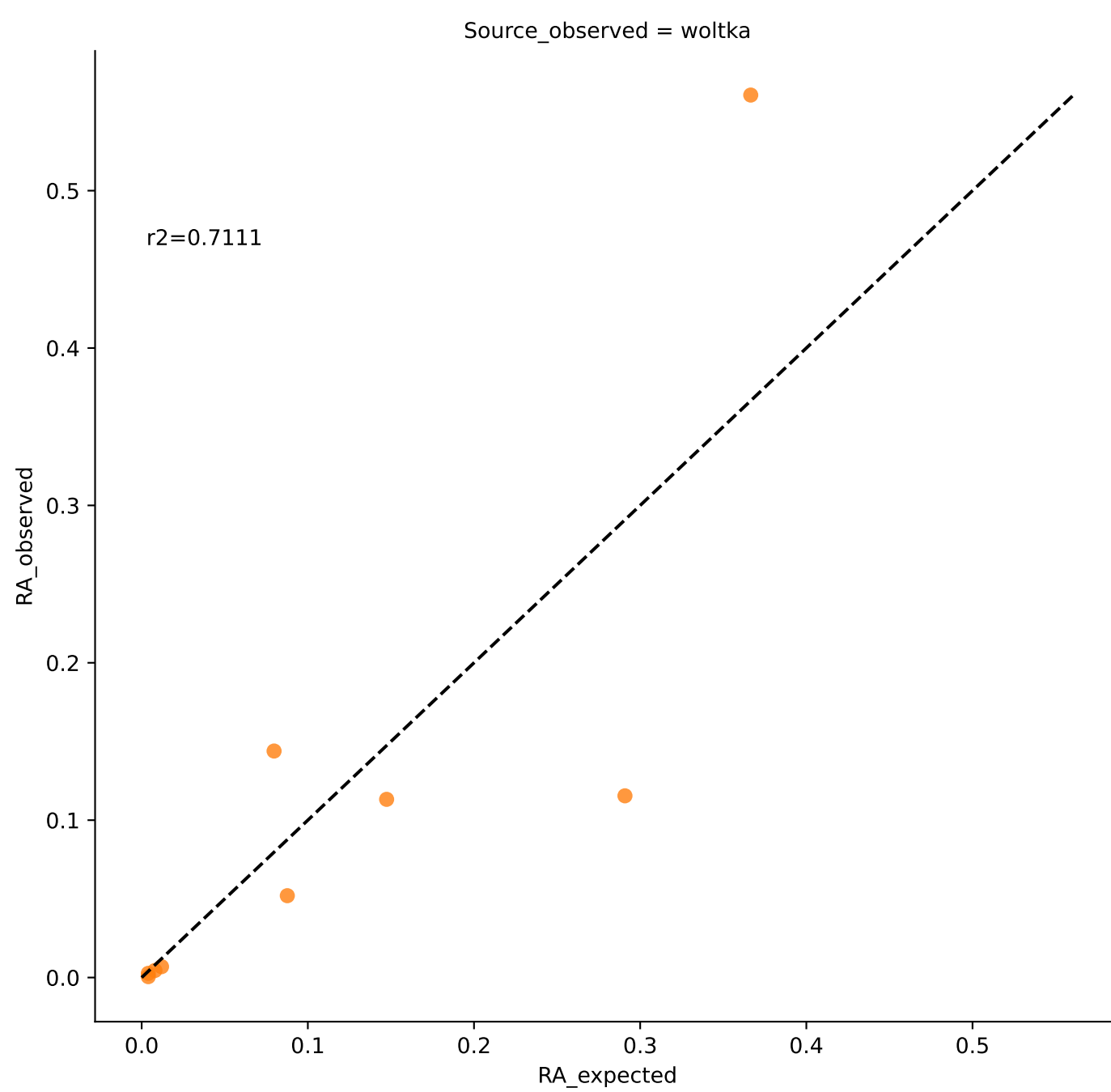
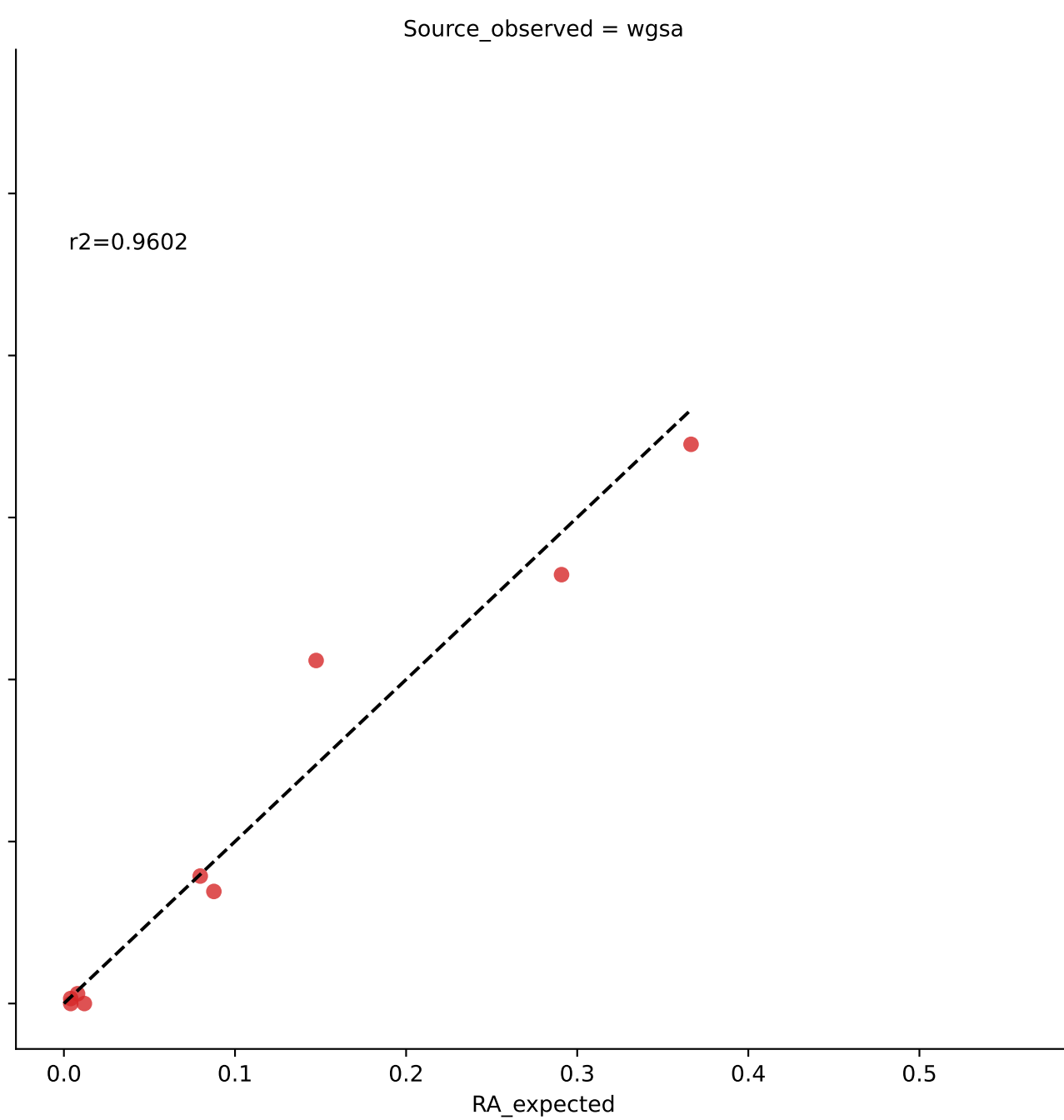
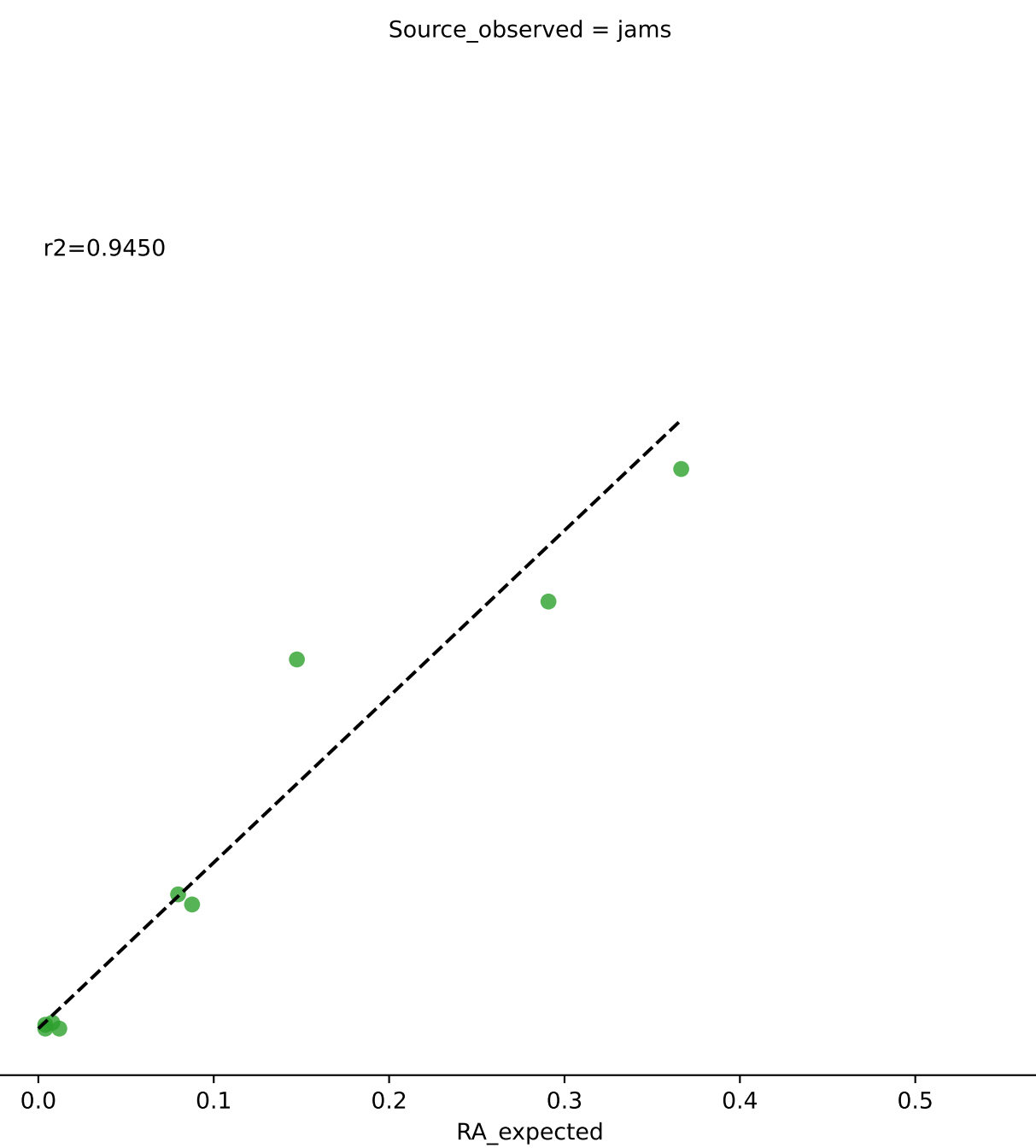
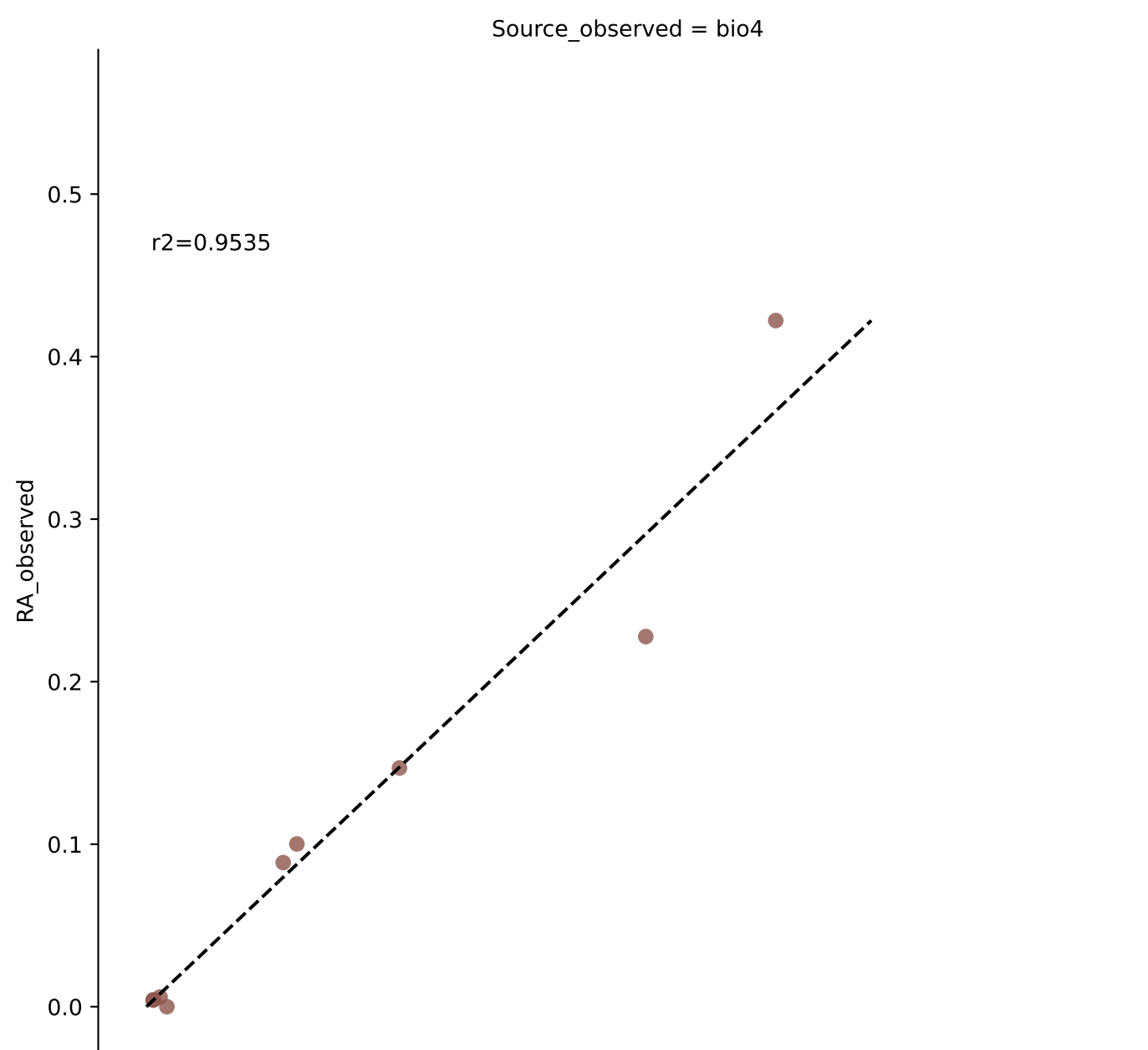


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 0.01)

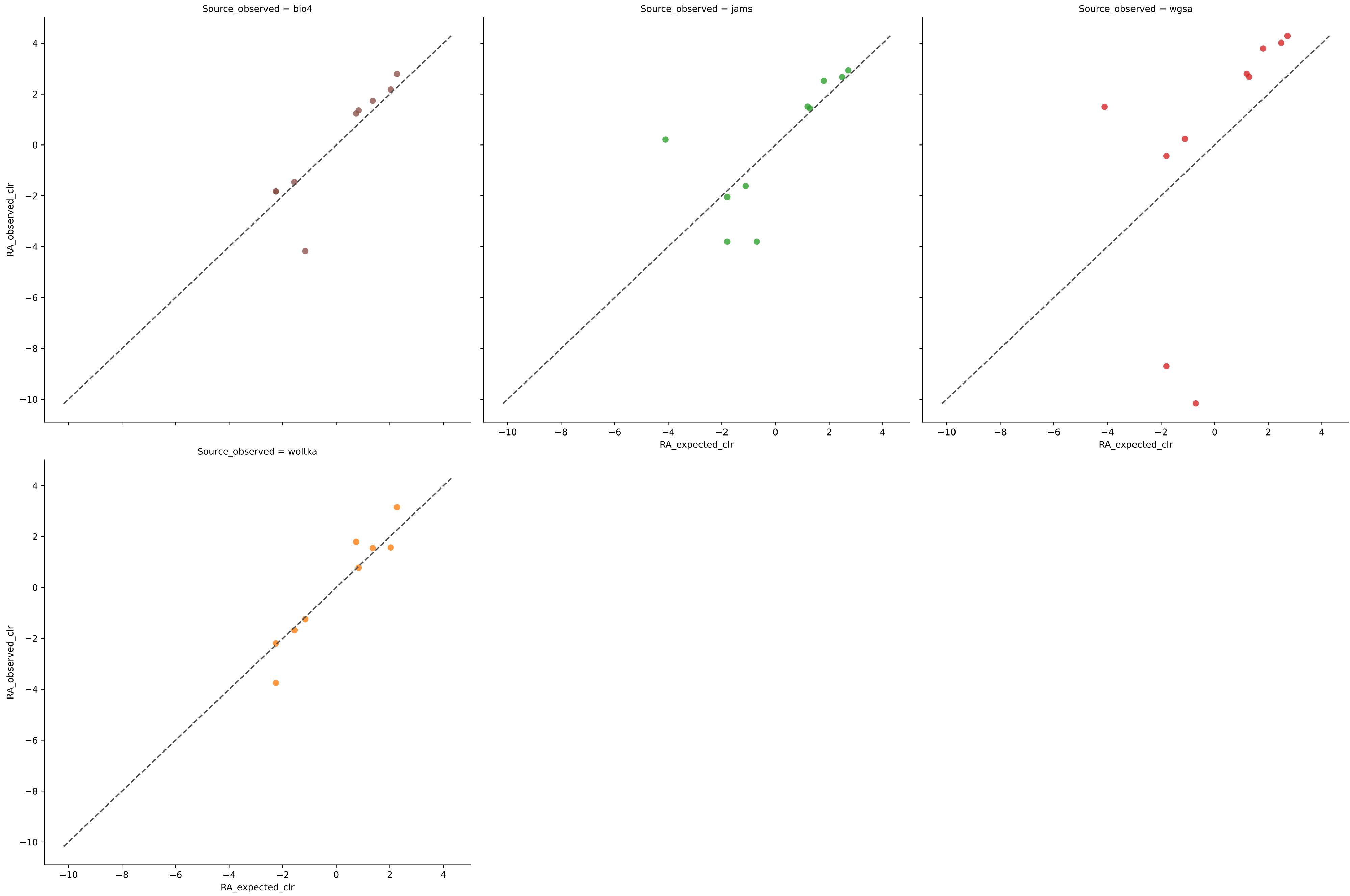


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	17	0.9956	0.0061	6.3250	0.9483	0.0133	88.2353	0.0000
jams	19	0.9954	0.0060	11.6759	0.9428	0.0090	88.2353	4.4668
wgsa	18	0.9968	0.0041	11.9939	0.9630	0.0076	94.1176	2.7079
woltka	17	0.9540	0.0137	4.1612	0.8833	0.0306	100.0000	0.0000

# Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0.01)



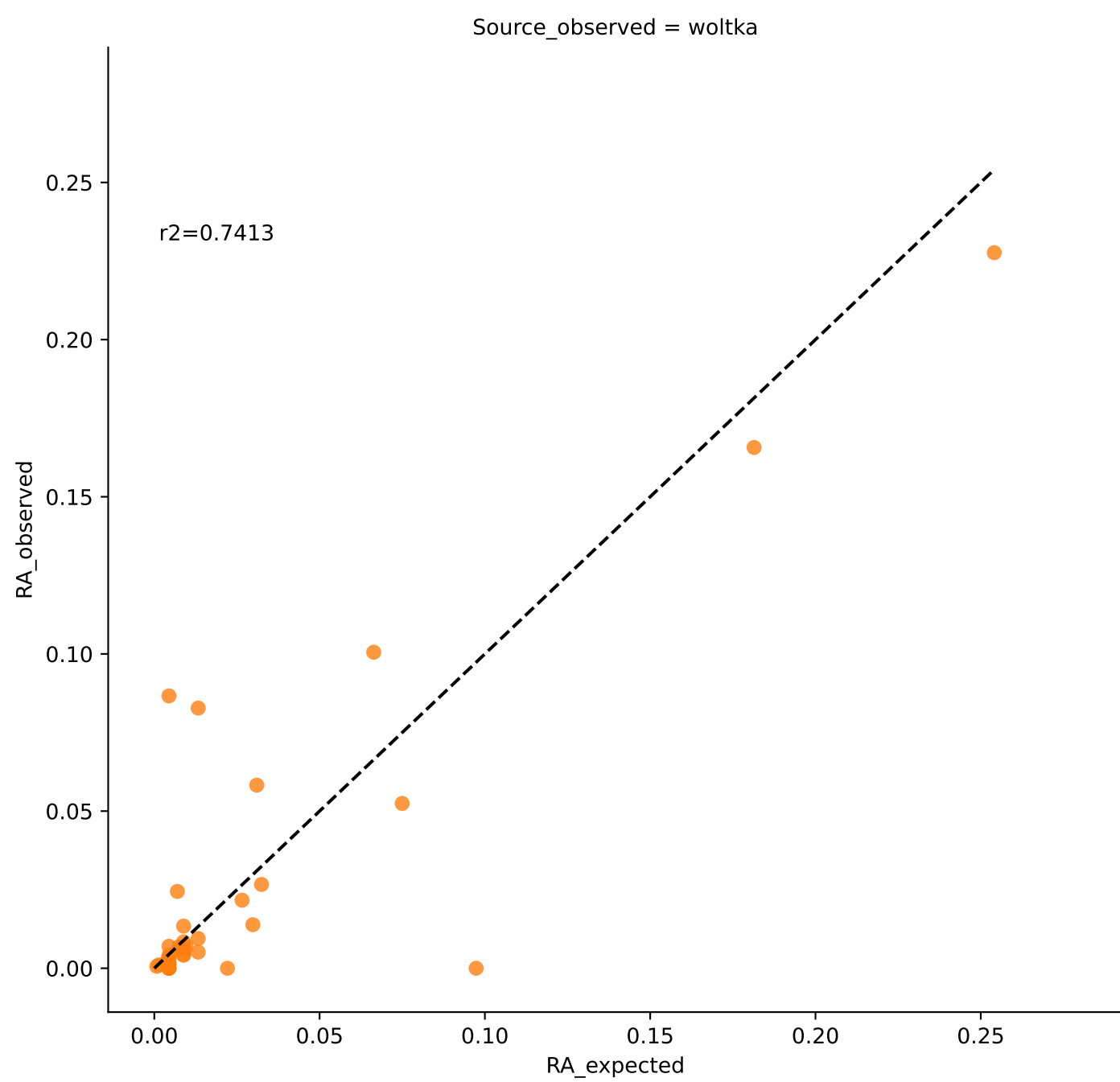
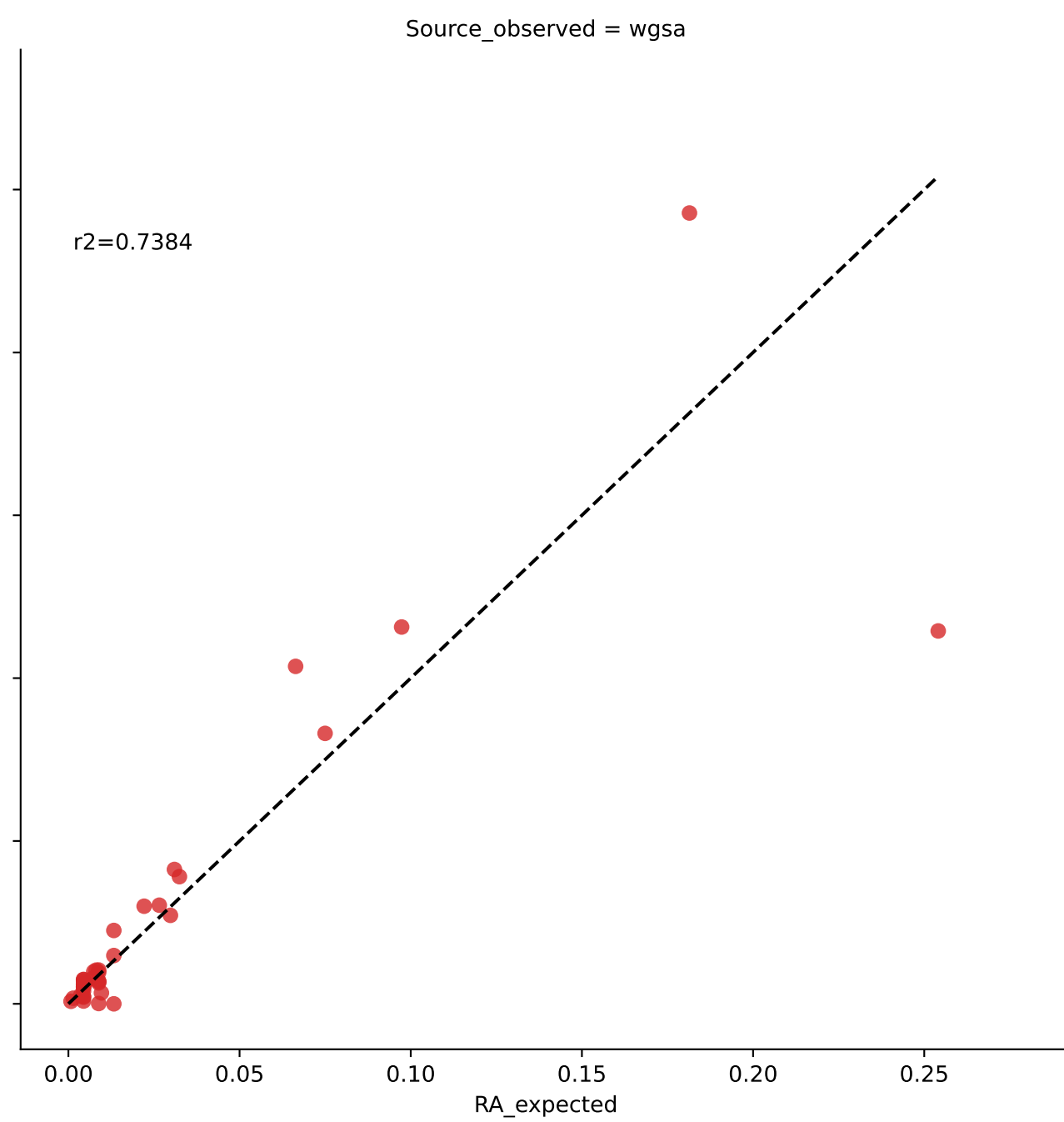
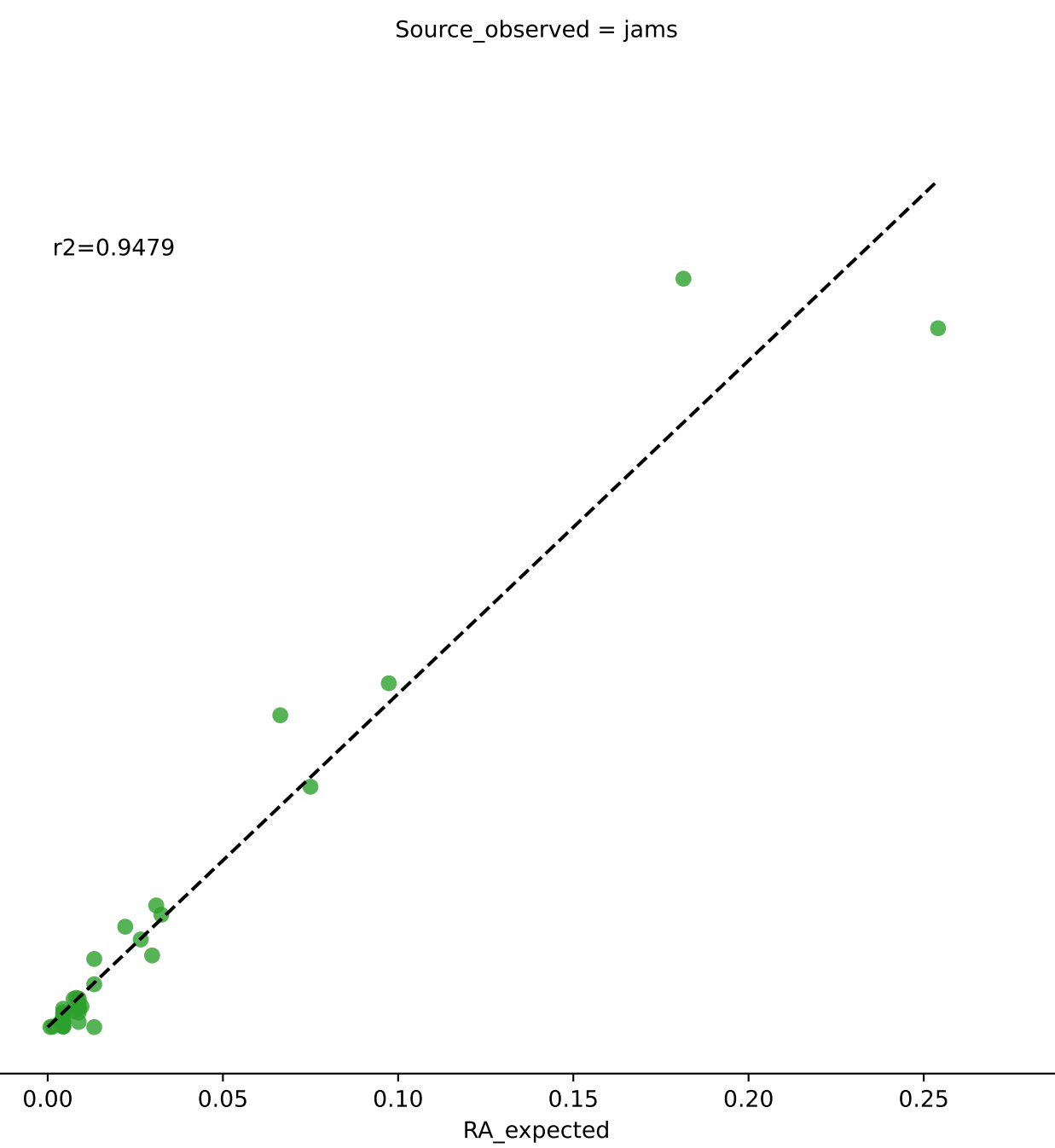
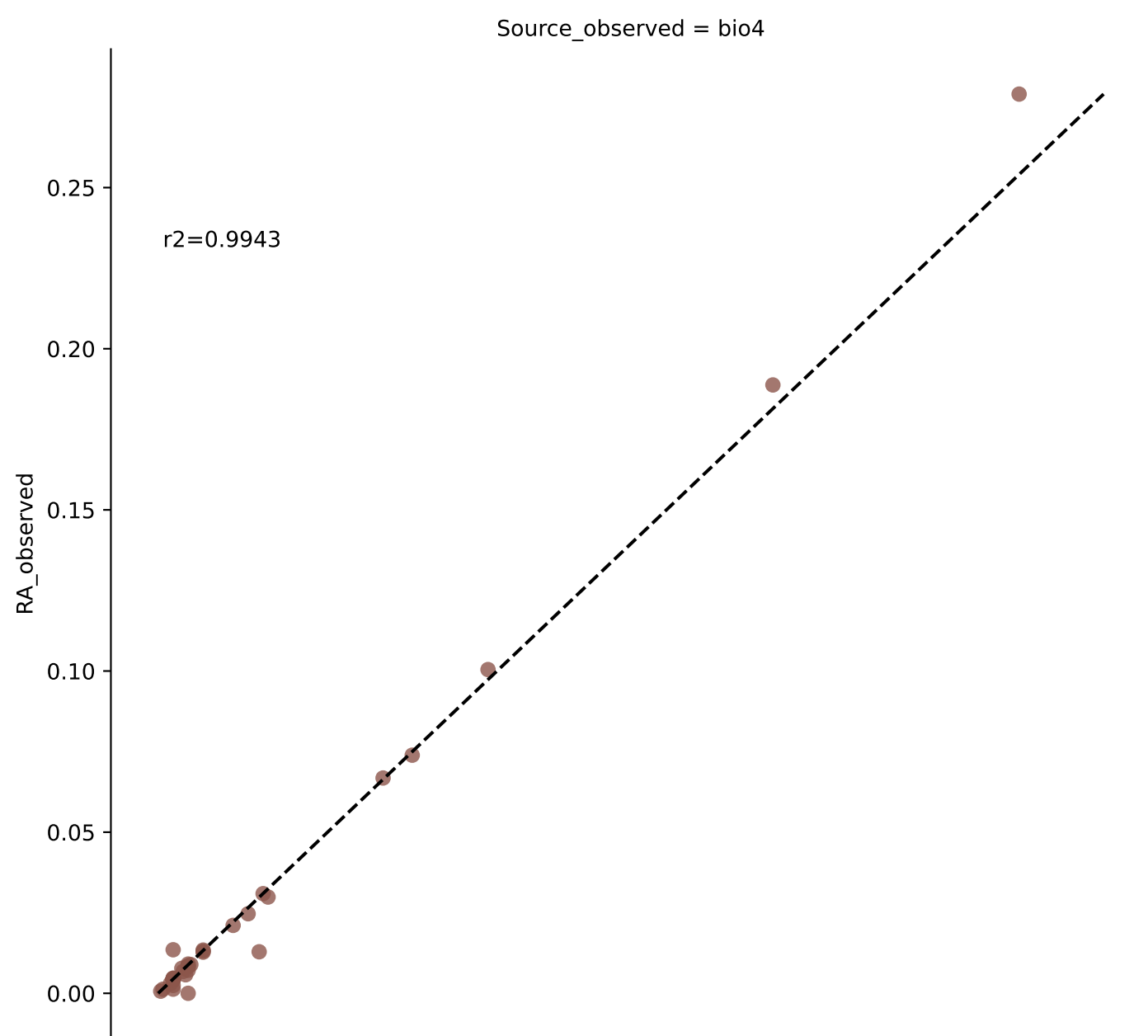
Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0.01)



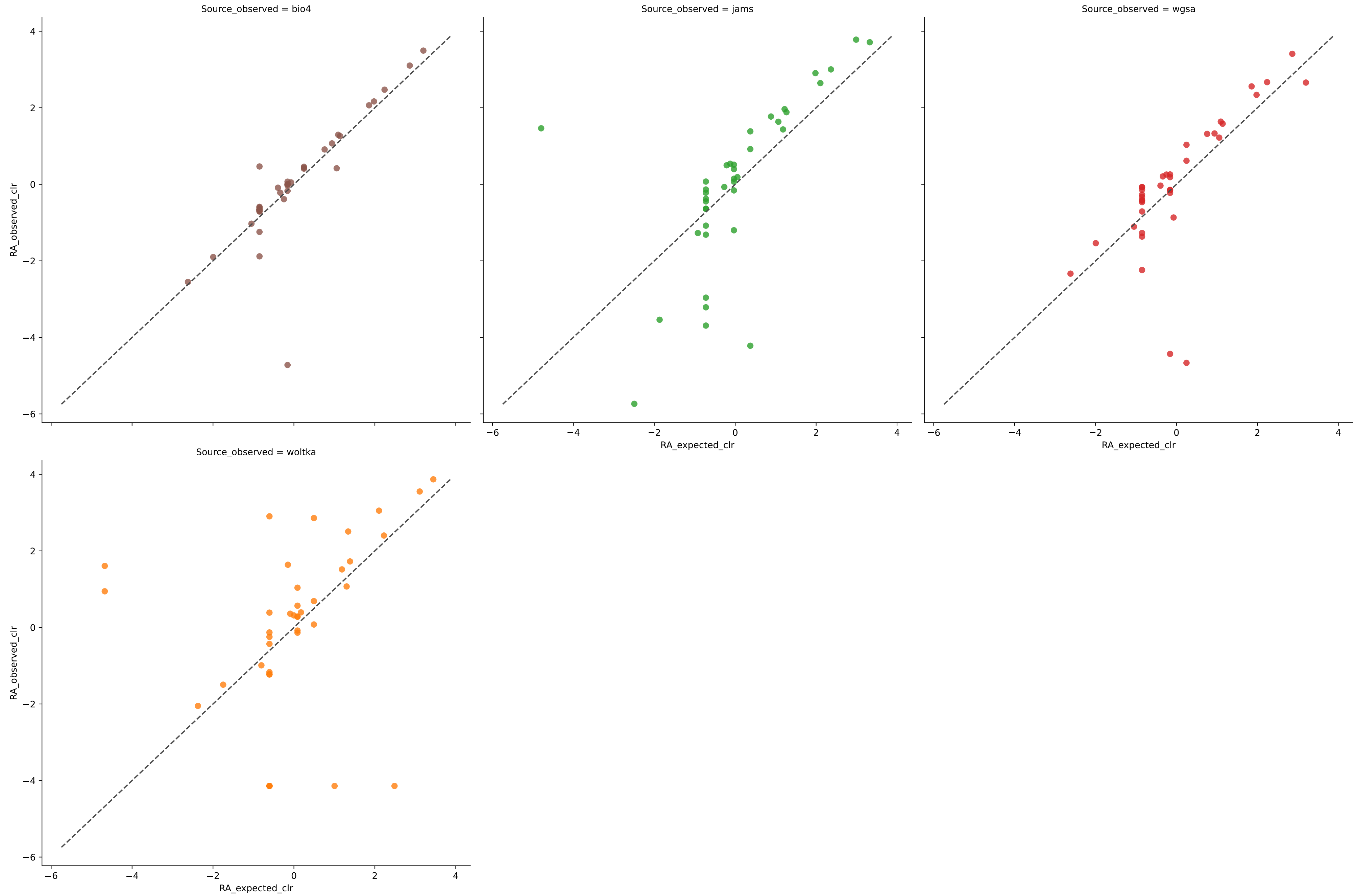
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	9	0.9535	0.0172	3.2287	0.9225	0.0288	88.8889	0.0000
jams	10	0.9457	0.0196	5.7663	0.9019	0.0291	77.7778	2.2047
wgsa	10	0.9599	0.0171	13.6115	0.9143	0.0250	100.0000	2.1360
woltka	9	0.7111	0.0574	2.0984	0.7415	0.0913	100.0000	0.0000



# Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 0.01)

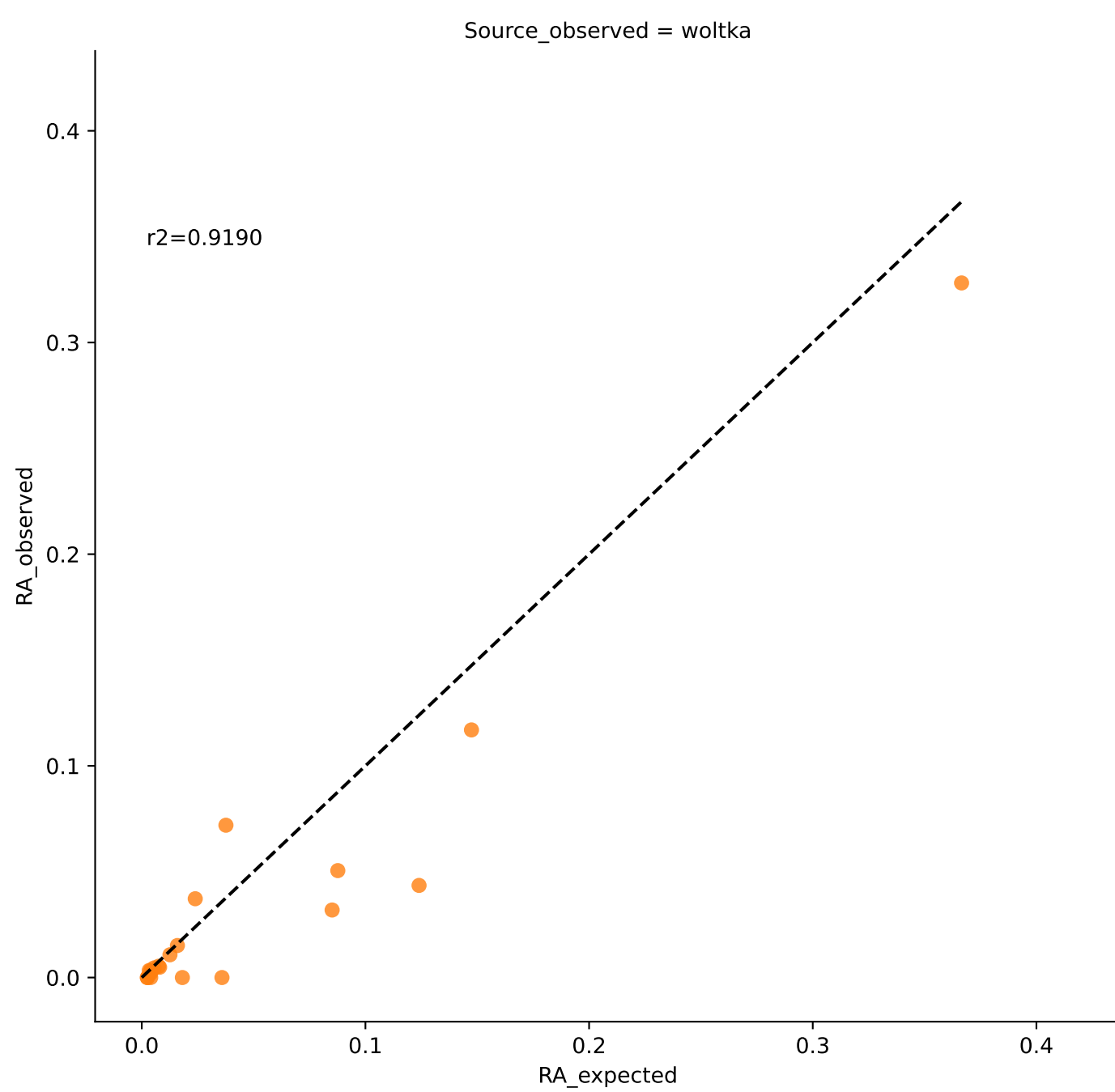
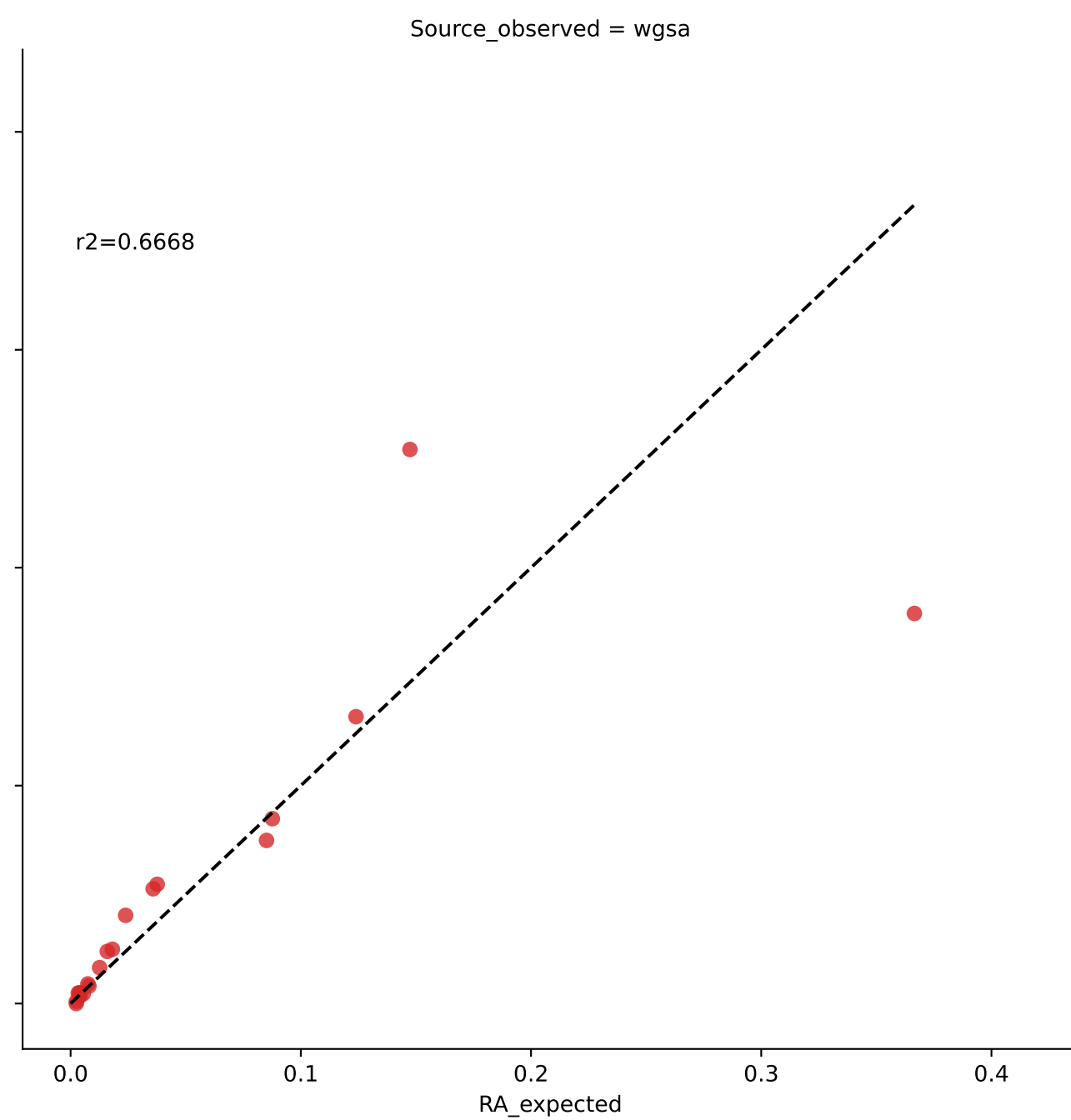
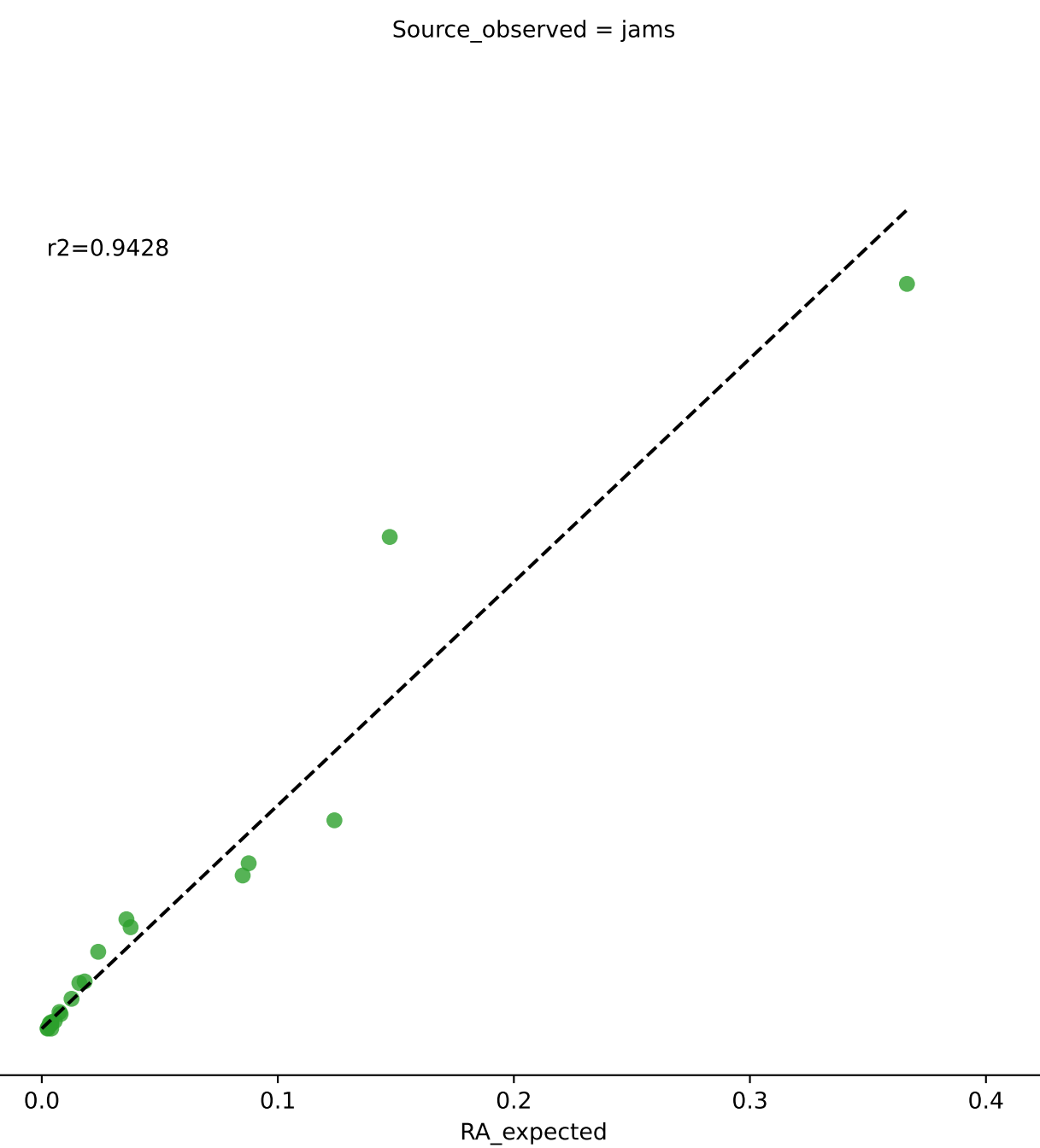
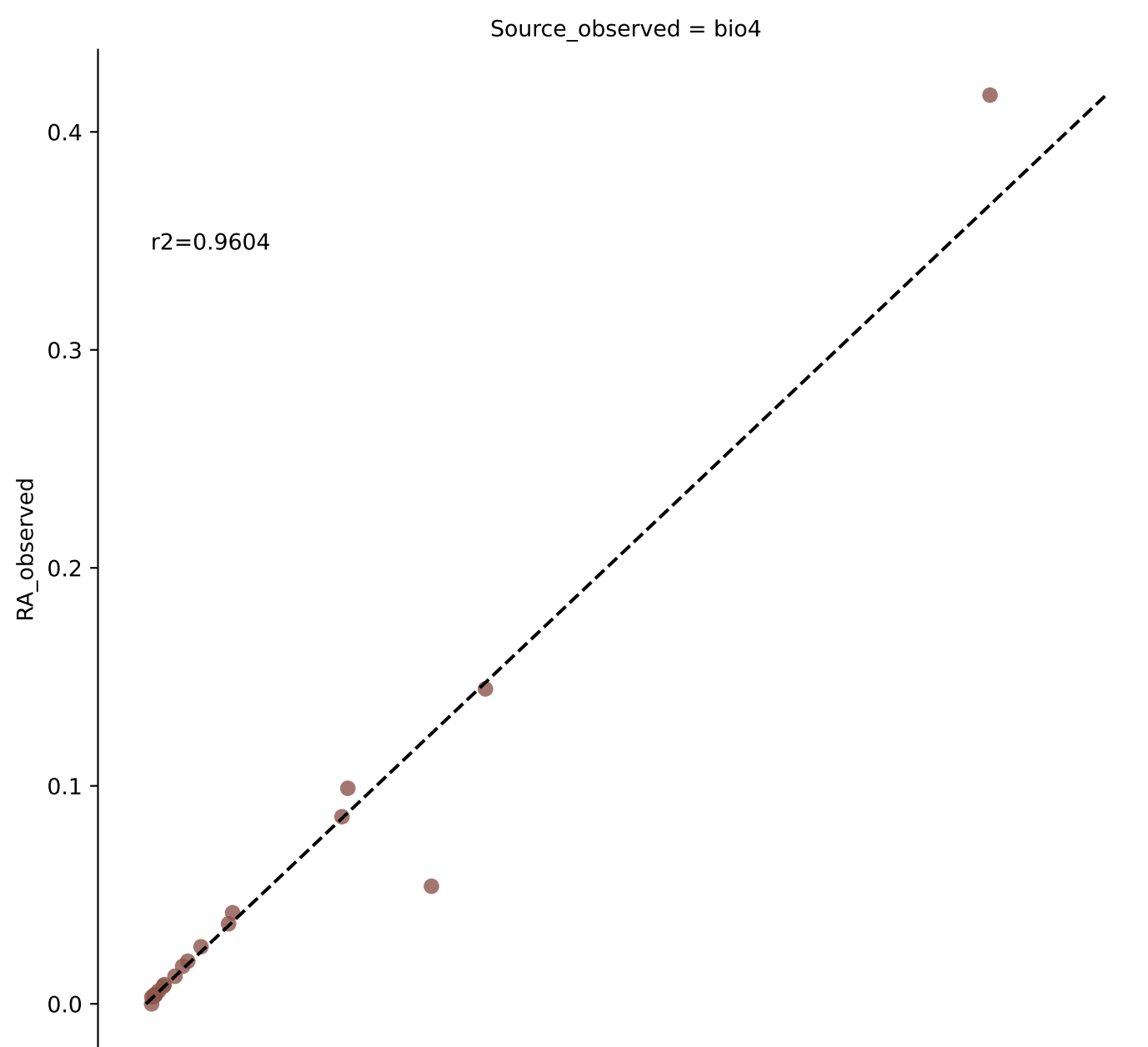


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 0.01)

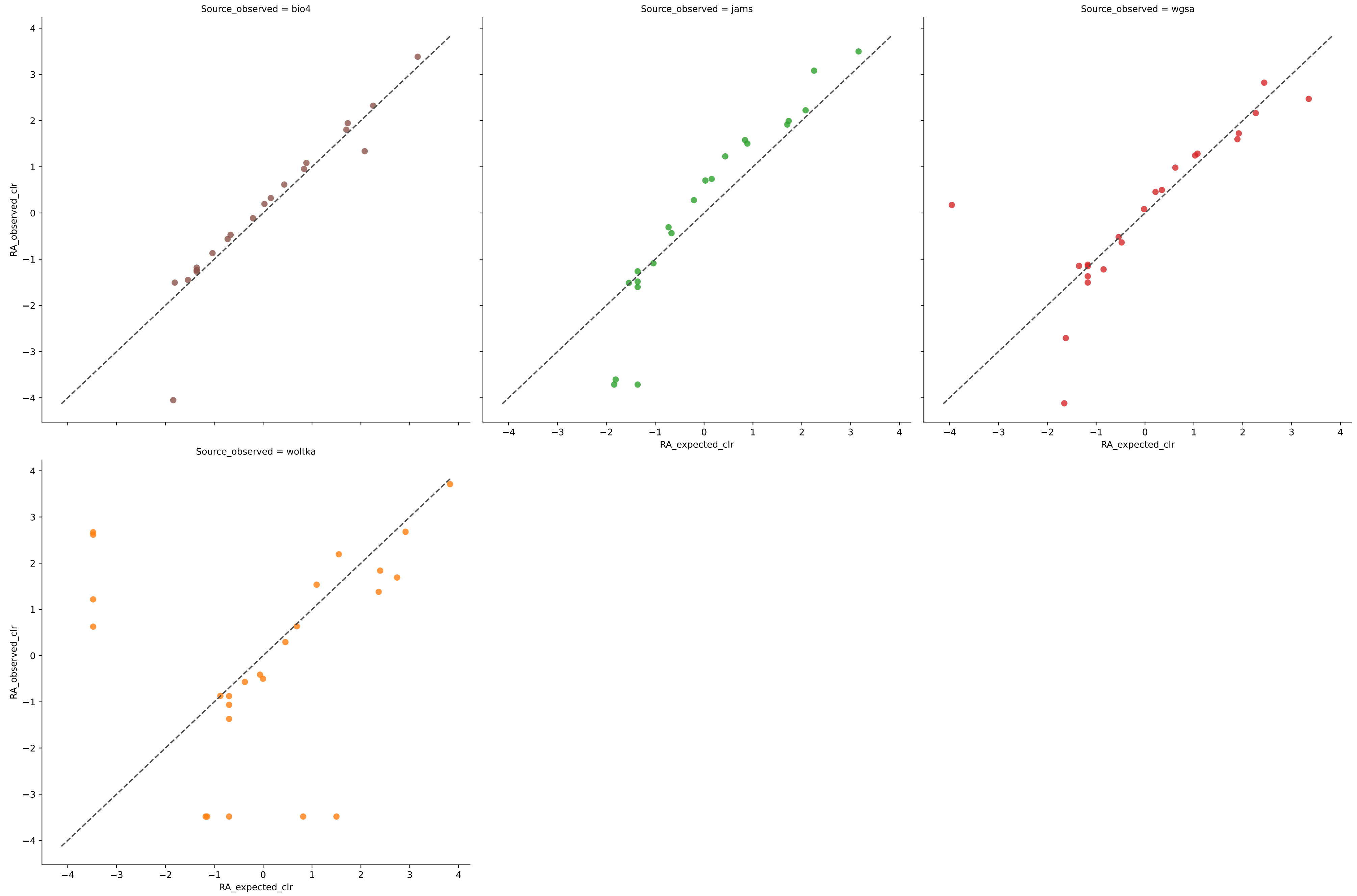


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	38	0.9943	0.0025	5.0280	0.9534	0.0055	97.3684	0.0000
jams	39	0.9430	0.0063	10.2099	0.8768	0.0121	97.3684	2.2137
wgsa	38	0.7384	0.0098	7.2570	0.8136	0.0260	97.3684	0.0000
woltka	40	0.7367	0.0137	14.8346	0.7263	0.0258	84.2105	3.5919

# Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 0.01)

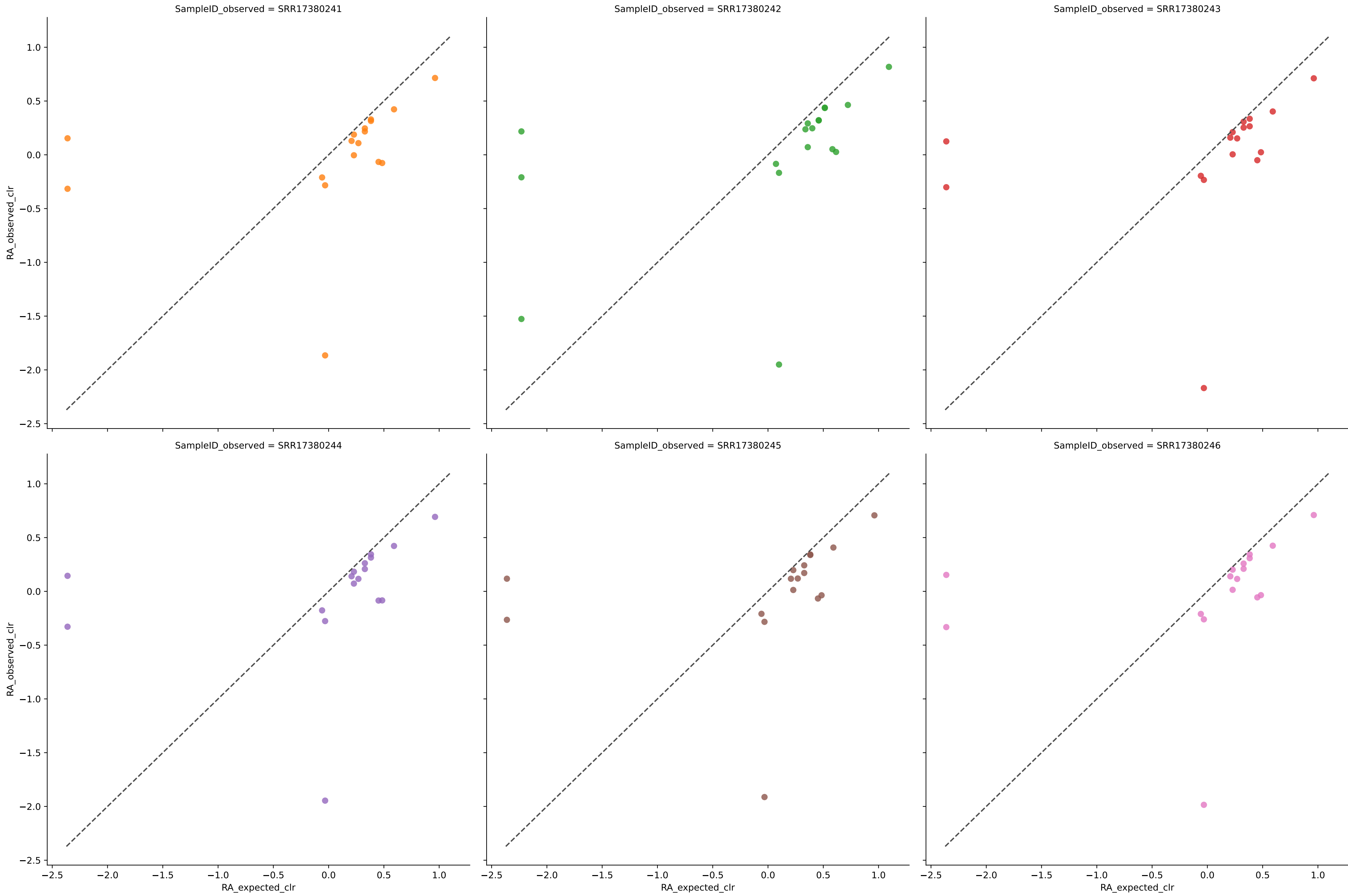


Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 0.01)



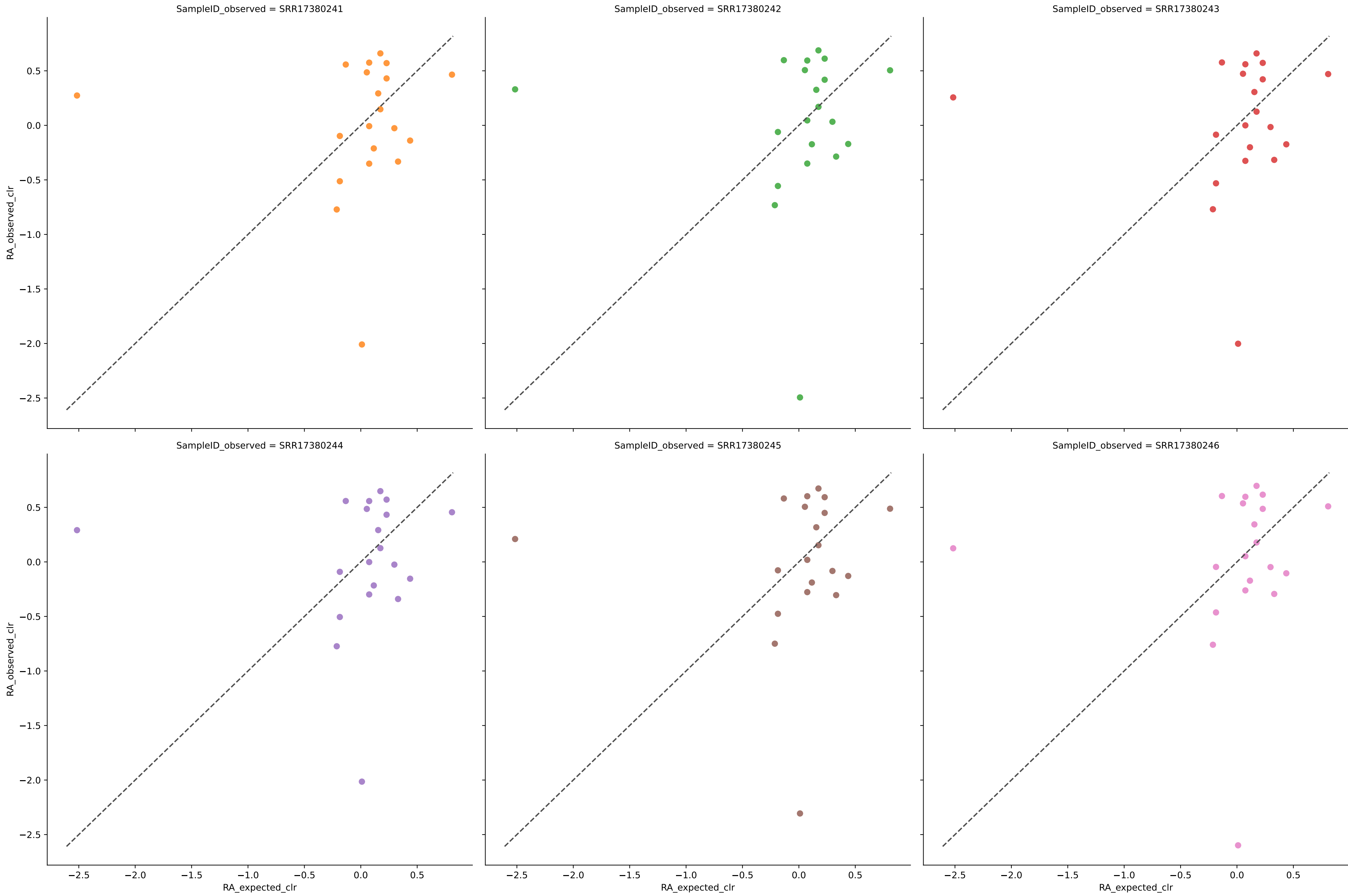
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	21	0.9604	0.0072	2.4406	0.9246	0.0190	95.2381	0.0000
jams	21	0.9428	0.0107	4.0141	0.8878	0.0198	90.4762	0.0000
wgsa	22	0.6696	0.0188	5.1027	0.7936	0.0467	95.2381	1.8014
woltka	25	0.7197	0.0252	13.4130	0.6846	0.0412	76.1905	26.7686

Expected vs. Observed Relative Abundance for species using bio4 in Experiment tourlousse with filter 0.01



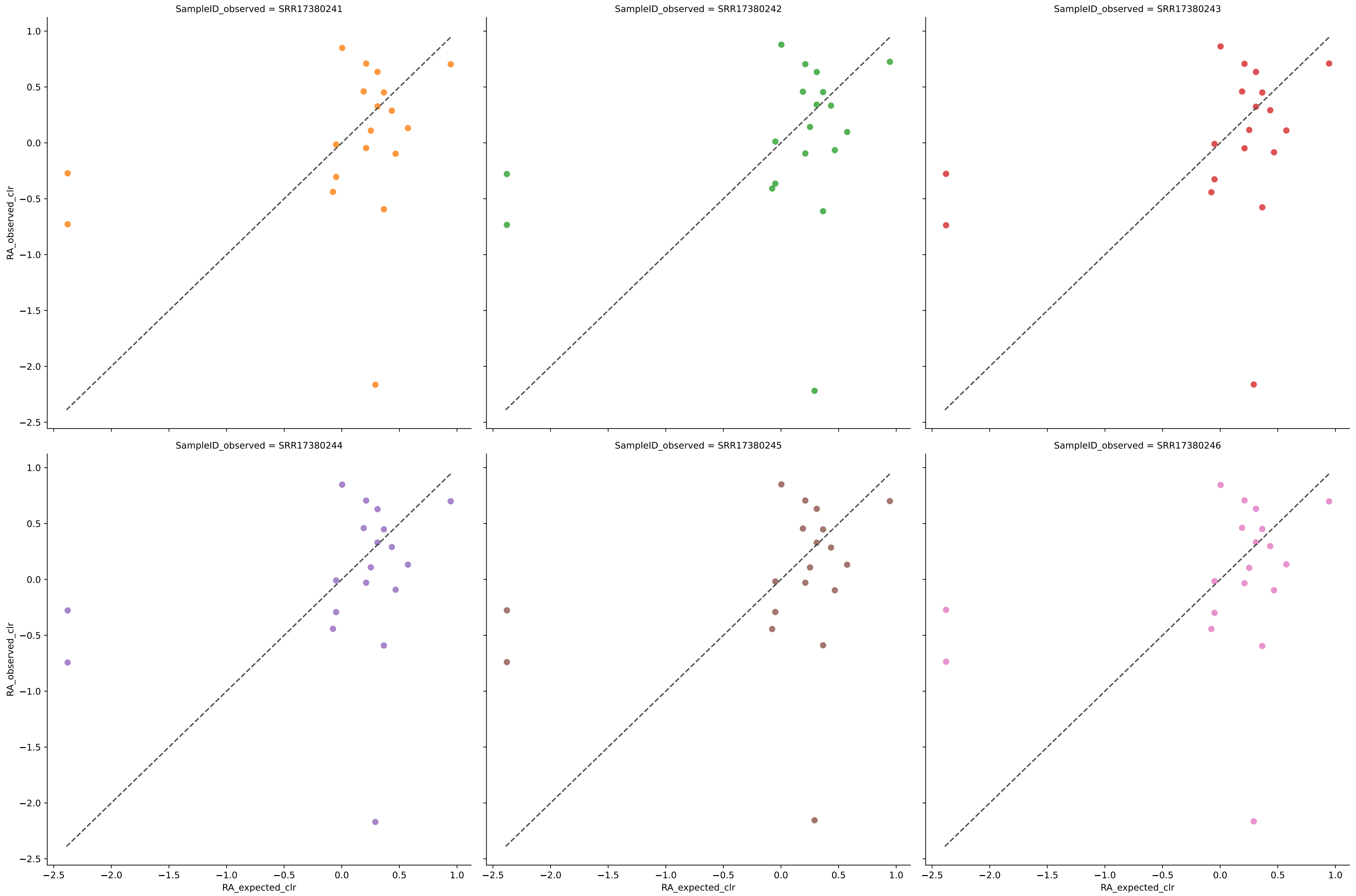
	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	17	0.3759	0.0023	3.8401	0.8801	0.0036	100.0000	1.6776
SRR17380242	18	0.4902	0.0023	3.9769	0.8713	0.0035	100.0000	1.8176
SRR17380243	17	0.3910	0.0023	3.9630	0.8792	0.0036	100.0000	1.6392
SRR17380244	17	0.3704	0.0023	3.8657	0.8788	0.0036	100.0000	1.6612
SRR17380245	17	0.3817	0.0023	3.8628	0.8804	0.0036	100.0000	1.6793
SRR17380246	17	0.3824	0.0023	3.8797	0.8812	0.0036	100.0000	1.6554
Average	17	0.3986	0.0023	3.8980	0.8785	0.0036	100.0000	1.6884

Expected vs. Observed Relative Abundance for species using jams in Experiment tourlousse with filter 0.01



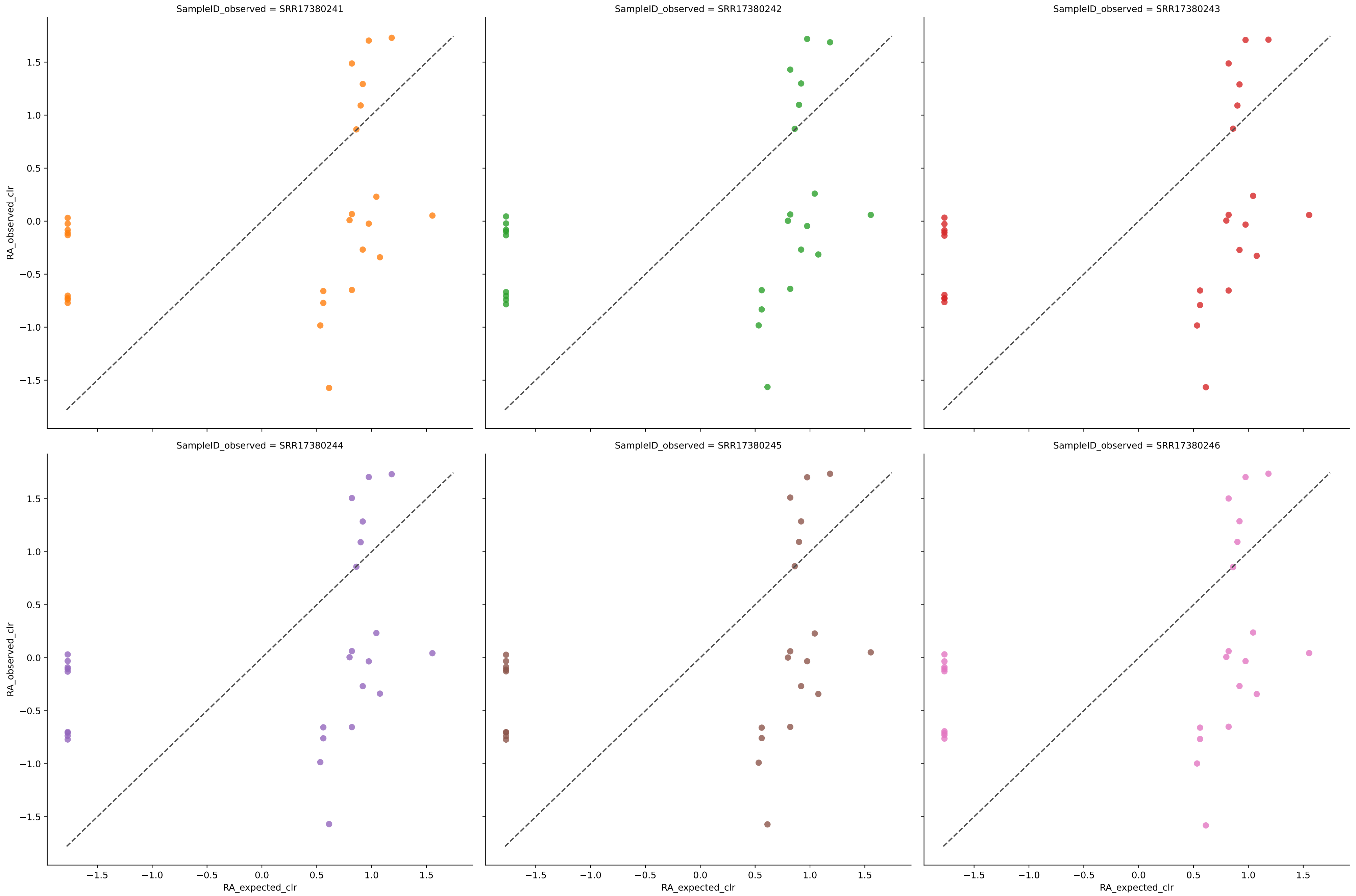
	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	20	0.0240	0.0036	3.8601	0.7820	0.0043	100.0000	0.9594
SRR17380242	20	0.0211	0.0037	4.1780	0.7800	0.0044	100.0000	0.9880
SRR17380243	20	0.0256	0.0036	3.8438	0.7823	0.0043	100.0000	0.9408
SRR17380244	20	0.0202	0.0036	3.8717	0.7820	0.0043	100.0000	0.9771
SRR17380245	20	0.0321	0.0036	3.9774	0.7818	0.0043	100.0000	0.8794
SRR17380246	20	0.0463	0.0036	4.1032	0.7828	0.0042	100.0000	0.7888
Average	20	0.0282	0.0036	3.9724	0.7818	0.0043	100.0000	0.9222

Expected vs. Observed Relative Abundance for species using wgsa in Experiment tourlousse with filter 0.01



	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	19	0.1600	0.0036	4.0178	0.7915	0.0045	100.0000	0.9215
SRR17380242	19	0.1611	0.0036	4.0565	0.7907	0.0045	100.0000	0.8997
SRR17380243	19	0.1602	0.0036	4.0102	0.7914	0.0045	100.0000	0.9166
SRR17380244	19	0.1616	0.0036	4.0084	0.7926	0.0045	100.0000	0.9115
SRR17380245	19	0.1612	0.0036	4.0017	0.7926	0.0045	100.0000	0.9160
SRR17380246	19	0.1608	0.0036	4.0131	0.7921	0.0045	100.0000	0.9185
Average	19	0.1608	0.0036	4.0180	0.7918	0.0045	100.0000	0.9140

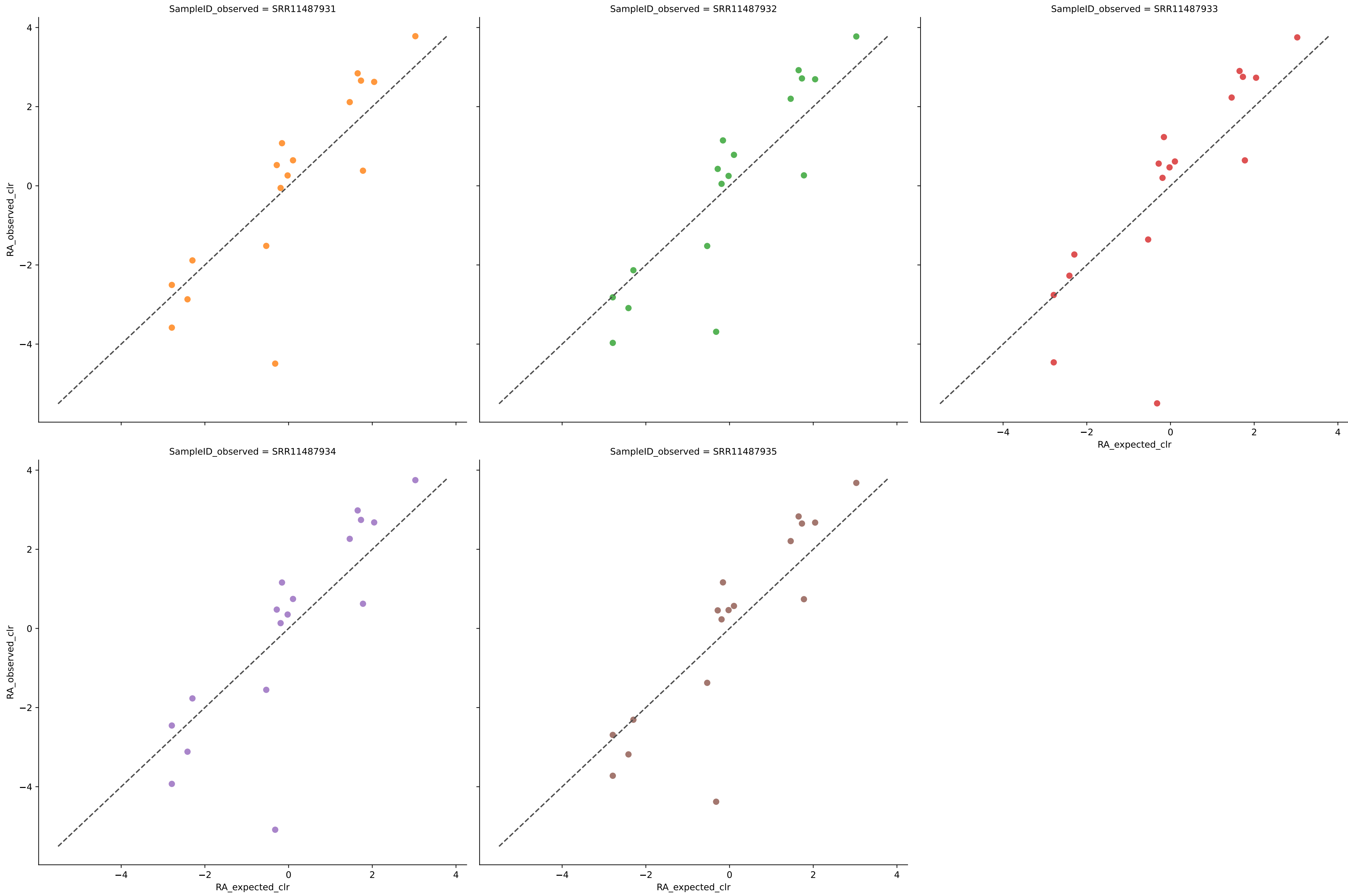
Expected vs. Observed Relative Abundance for species using woltka in Experiment tourlousse with filter 0.01



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	27	0.1679	0.0053	6.4288	0.5671	0.0062	100.0000	2.7501
SRR17380242	27	0.1682	0.0053	6.4367	0.5691	0.0061	100.0000	2.7856
SRR17380243	27	0.1677	0.0053	6.4308	0.5673	0.0062	100.0000	2.7585
SRR17380244	27	0.1665	0.0053	6.4337	0.5663	0.0062	100.0000	2.7515
SRR17380245	27	0.1669	0.0053	6.4343	0.5659	0.0062	100.0000	2.7463
SRR17380246	27	0.1665	0.0053	6.4450	0.5662	0.0062	100.0000	2.7537
Average	27	0.1673	0.0053	6.4349	0.5670	0.0062	100.0000	2.7576

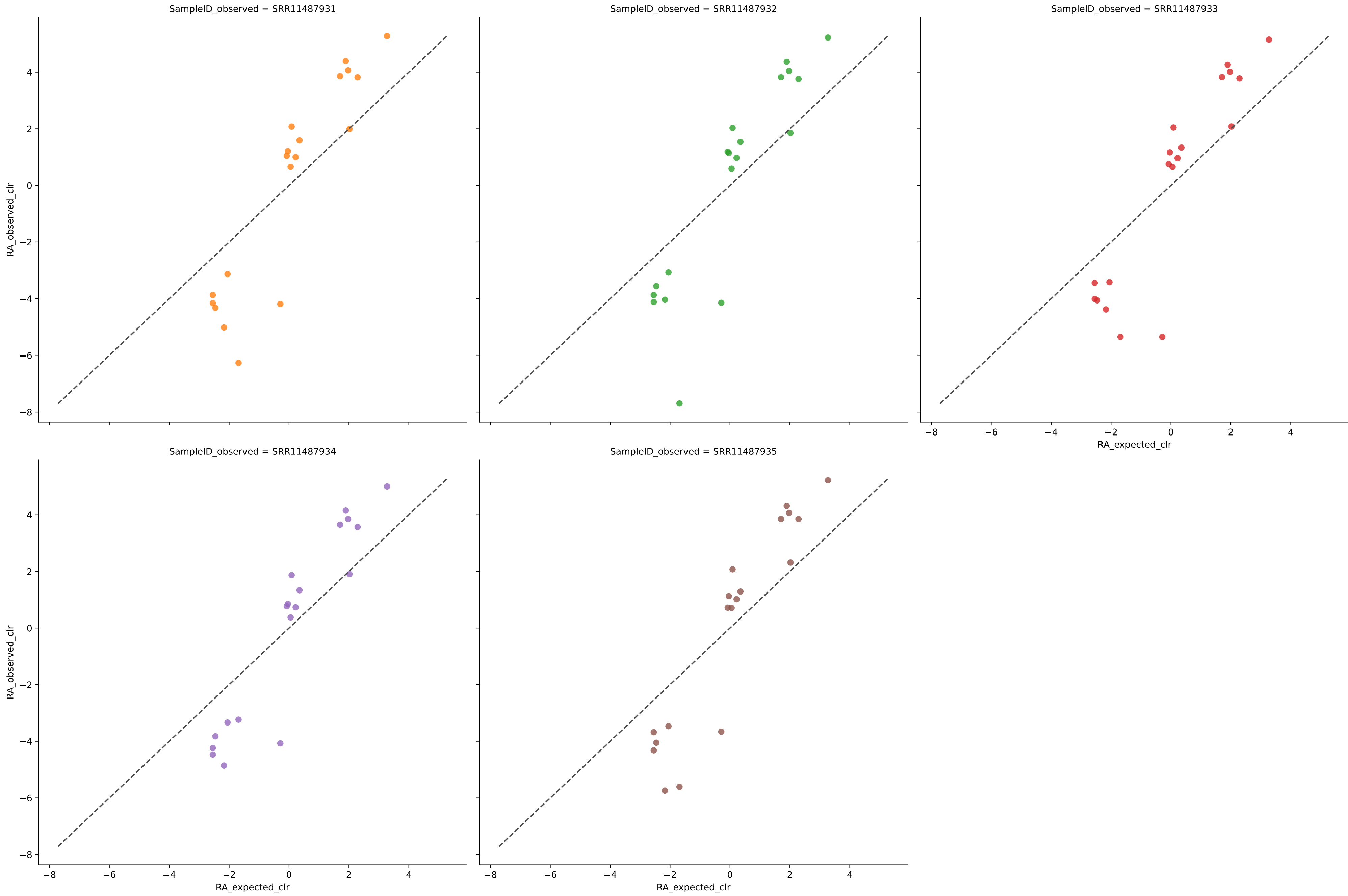


Expected vs. Observed Relative Abundance for species using bio4 in Experiment Amos hilo with filter 0.01



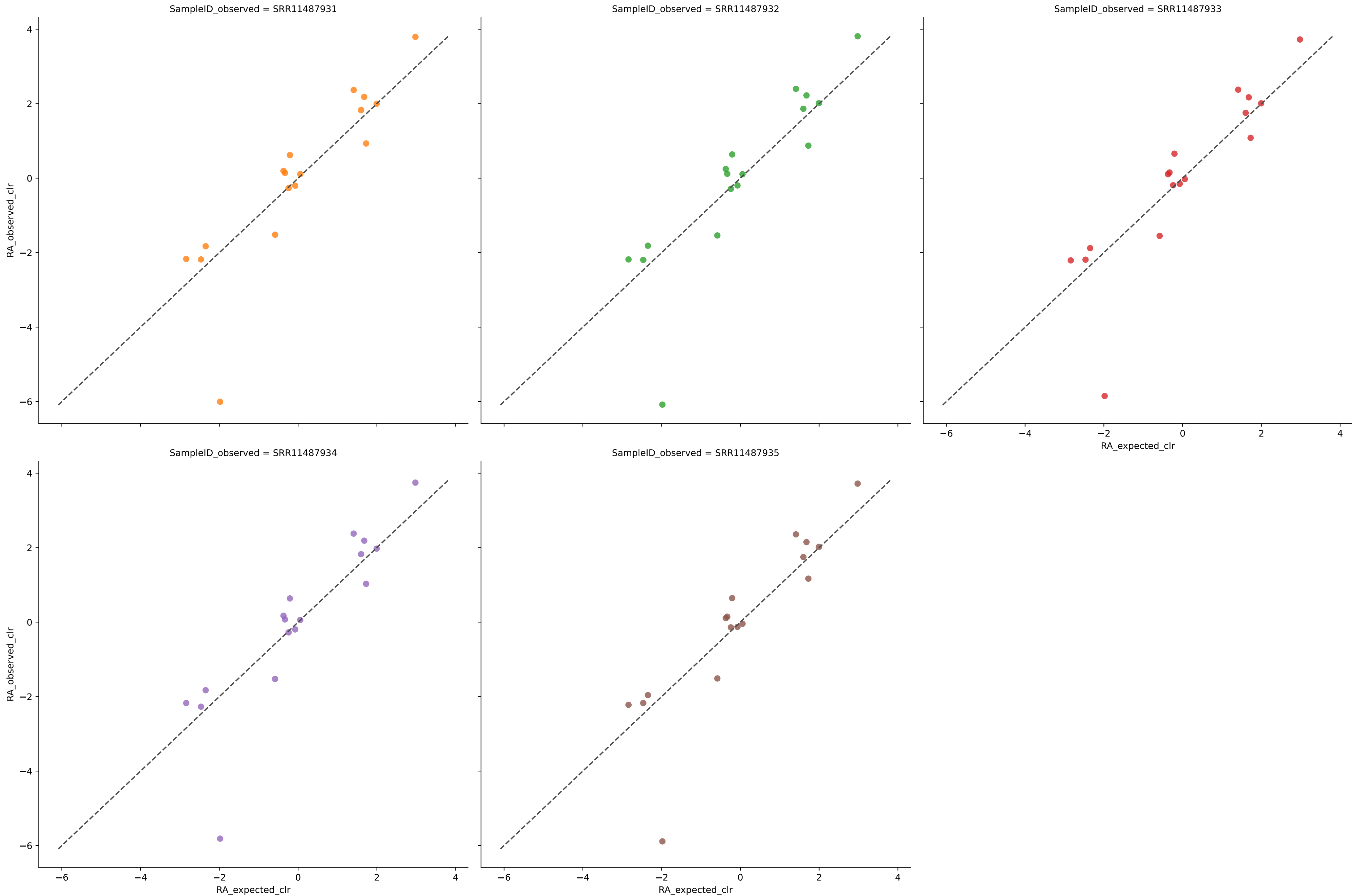
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	17	0.9142	0.0034	5.2528	0.8568	0.0060	100.0000	0.0000
SRR11487932	17	0.9028	0.0033	4.8354	0.8611	0.0062	100.0000	0.0000
SRR11487933	17	0.9066	0.0030	6.2762	0.8715	0.0058	100.0000	0.0000
SRR11487934	17	0.8944	0.0032	5.8814	0.8633	0.0062	100.0000	0.0000
SRR11487935	17	0.9113	0.0029	5.1244	0.8773	0.0056	100.0000	0.0000
Average	17	0.9059	0.0032	5.4740	0.8660	0.0060	100.0000	0.0000

Expected vs. Observed Relative Abundance for species using jams in Experiment Amos hilo with filter 0.01



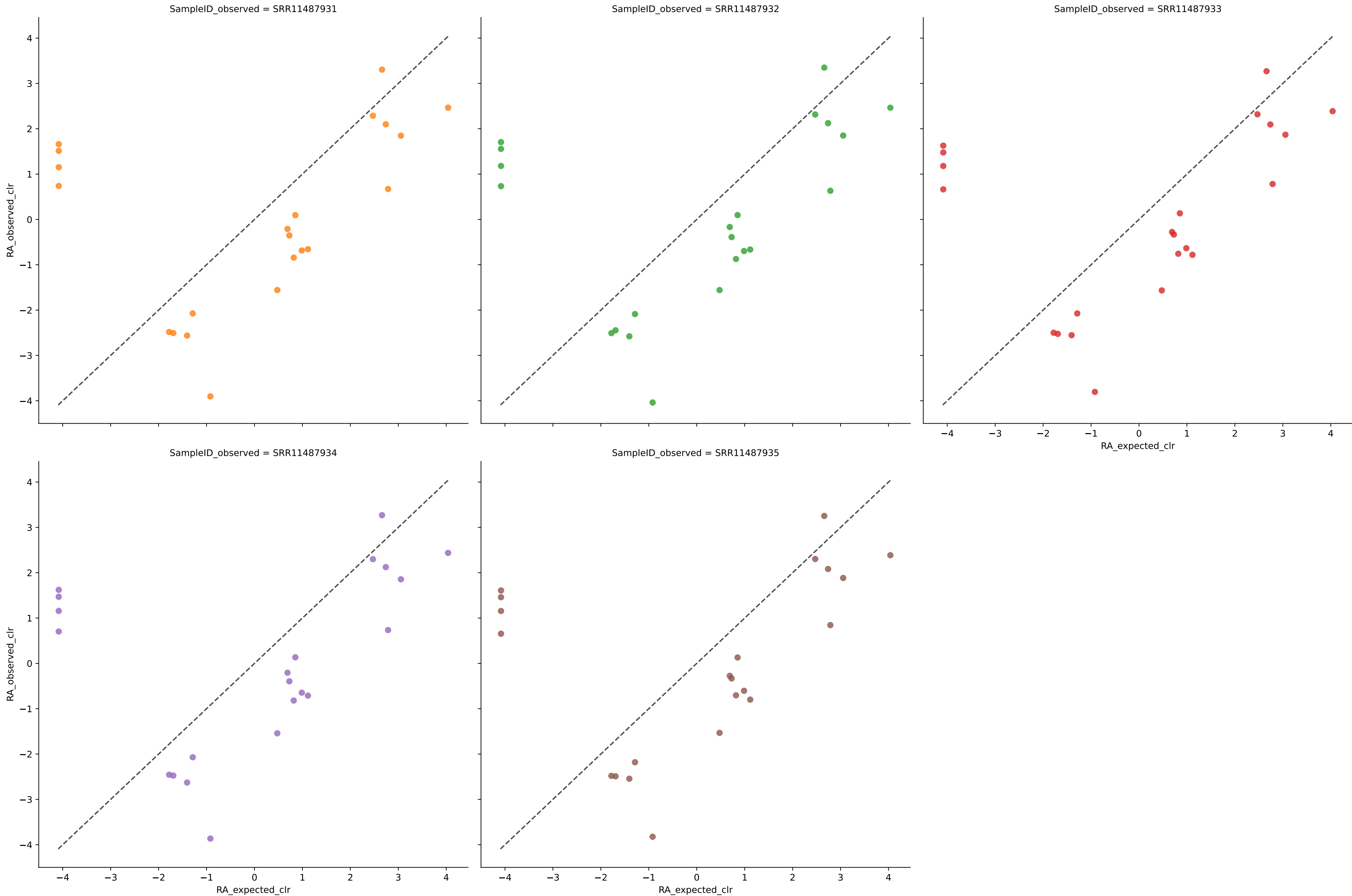
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	19	0.9021	0.0041	9.1725	0.8070	0.0067	100.0000	0.0000
SRR11487932	19	0.8961	0.0041	9.5318	0.8045	0.0068	100.0000	0.0000
SRR11487933	19	0.9069	0.0039	8.8944	0.8142	0.0063	100.0000	0.0000
SRR11487934	19	0.8996	0.0040	7.5502	0.8085	0.0066	94.7368	0.0000
SRR11487935	19	0.9133	0.0038	8.8004	0.8171	0.0062	100.0000	0.0000
Average	19	0.9036	0.0040	8.7899	0.8103	0.0065	98.9474	0.0000

Expected vs. Observed Relative Abundance for species using wgsa in Experiment Amos hilo with filter 0.01



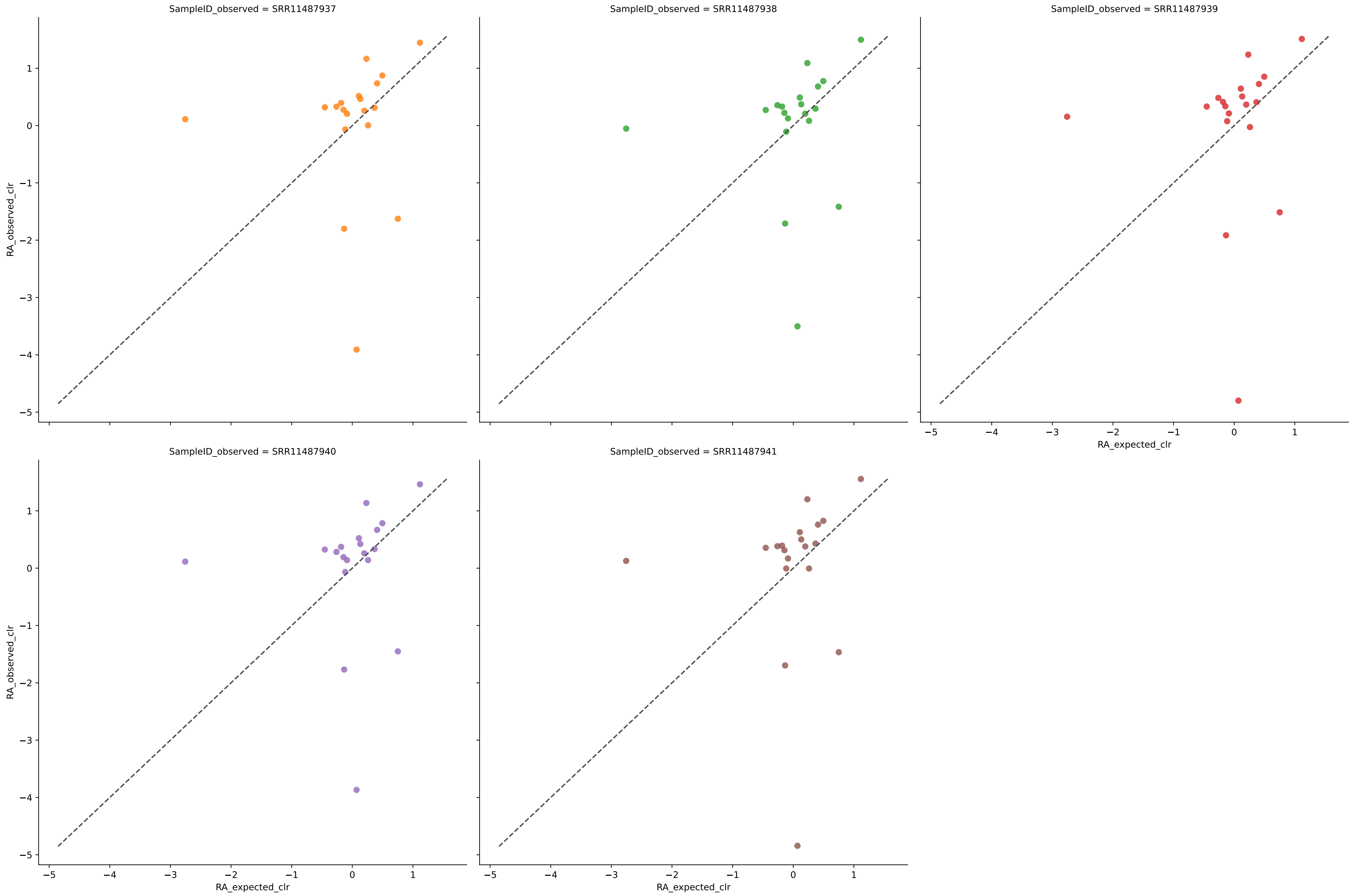
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	17	0.9122	0.0044	4.6517	0.8125	0.0085	100.0000	0.0000
SRR11487932	17	0.9108	0.0044	4.7533	0.8110	0.0084	100.0000	0.0000
SRR11487933	17	0.9187	0.0042	4.4721	0.8209	0.0077	100.0000	0.0000
SRR11487934	17	0.9158	0.0043	4.4548	0.8172	0.0079	100.0000	0.0000
SRR11487935	17	0.9223	0.0041	4.4669	0.8255	0.0076	100.0000	0.0000
Average	17	0.9160	0.0043	4.5598	0.8174	0.0080	100.0000	0.0000

Expected vs. Observed Relative Abundance for species using wol in Experiment Amos hilo with filter 0.01



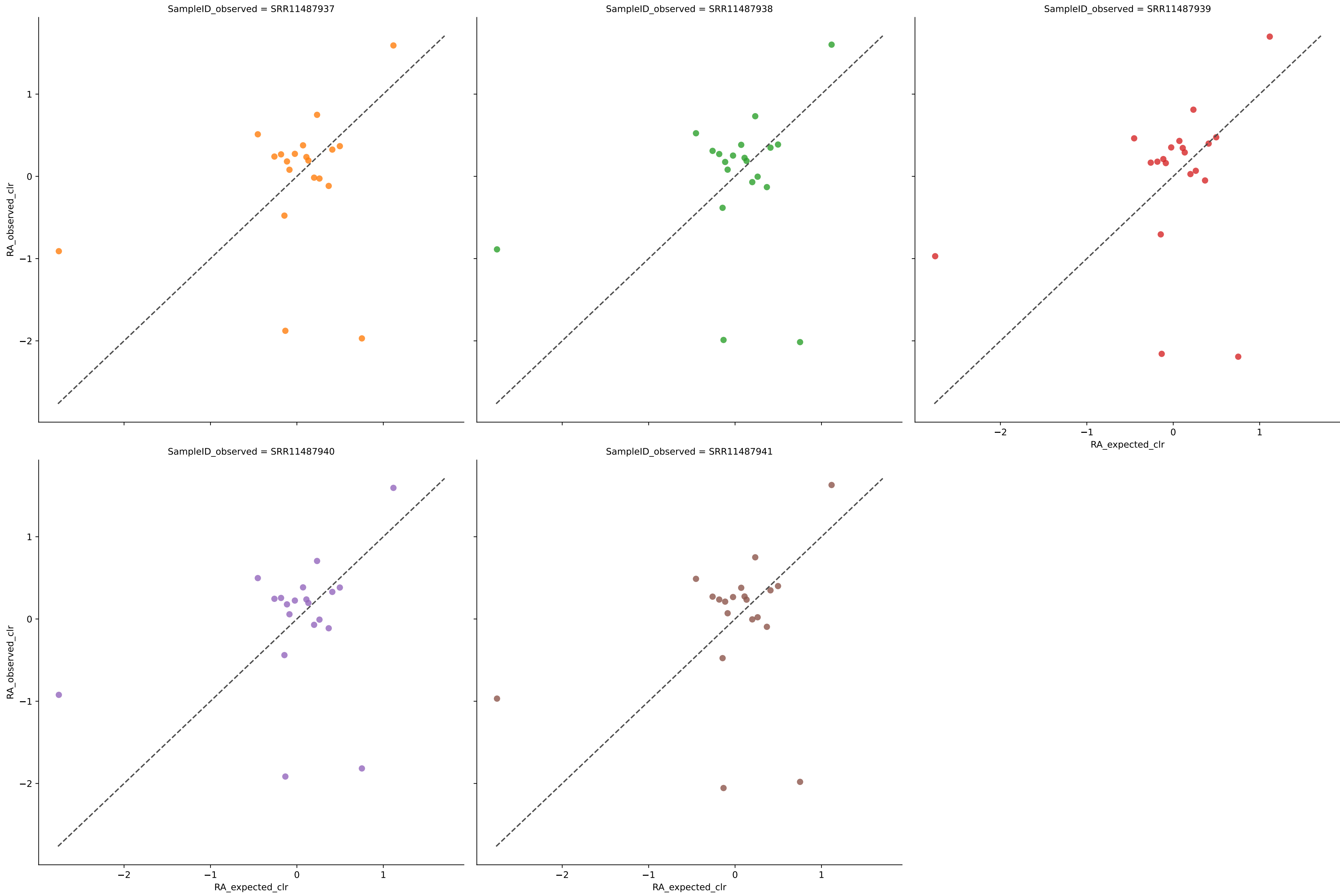
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	22	0.2717	0.0080	12.3122	0.5575	0.0152	100.0000	3.5417
SRR11487932	22	0.2562	0.0082	12.4116	0.5493	0.0155	100.0000	3.5746
SRR11487933	22	0.2633	0.0080	12.2311	0.5582	0.0152	100.0000	3.5092
SRR11487934	22	0.2776	0.0079	12.2441	0.5642	0.0150	100.0000	3.4897
SRR11487935	22	0.2703	0.0079	12.1843	0.5634	0.0151	100.0000	3.4801
Average	22	0.2678	0.0080	12.2766	0.5585	0.0152	100.0000	3.5191

Expected vs. Observed Relative Abundance for species using bio4 in Experiment Amos mixed with filter 0.01



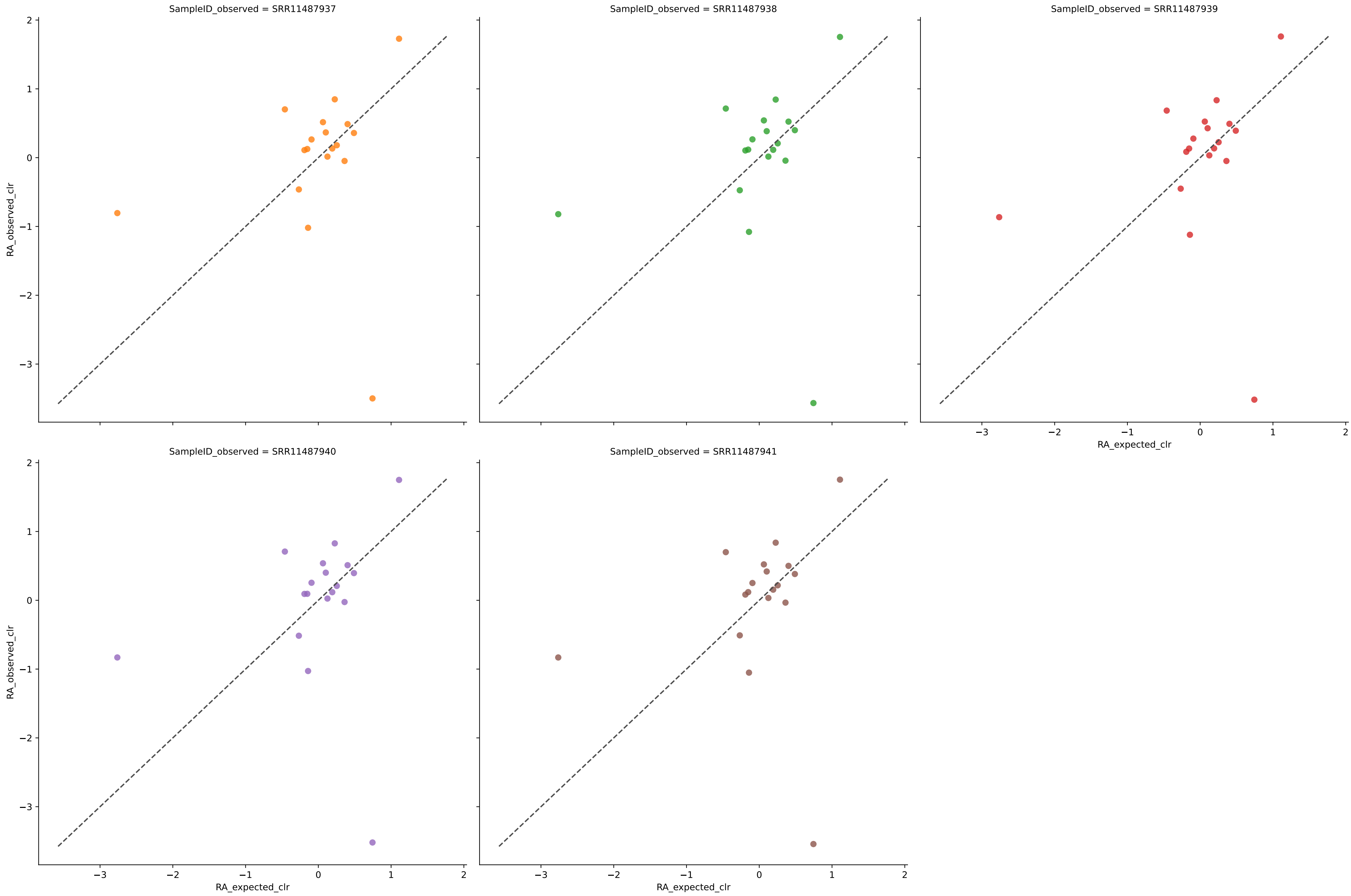
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	19	0.2750	0.0046	5.9654	0.7820	0.0062	100.0000	0.7960
SRR11487938	19	0.3349	0.0044	5.4644	0.7892	0.0060	100.0000	0.6985
SRR11487939	19	0.2702	0.0045	6.6548	0.7857	0.0062	100.0000	0.7874
SRR11487940	19	0.2963	0.0043	5.8315	0.7928	0.0061	100.0000	0.8118
SRR11487941	19	0.3061	0.0044	6.5860	0.7880	0.0061	100.0000	0.7704
Average	19	0.2965	0.0045	6.1004	0.7876	0.0061	100.0000	0.7728

Expected vs. Observed Relative Abundance for species using jams in Experiment Amos mixed with filter 0.01



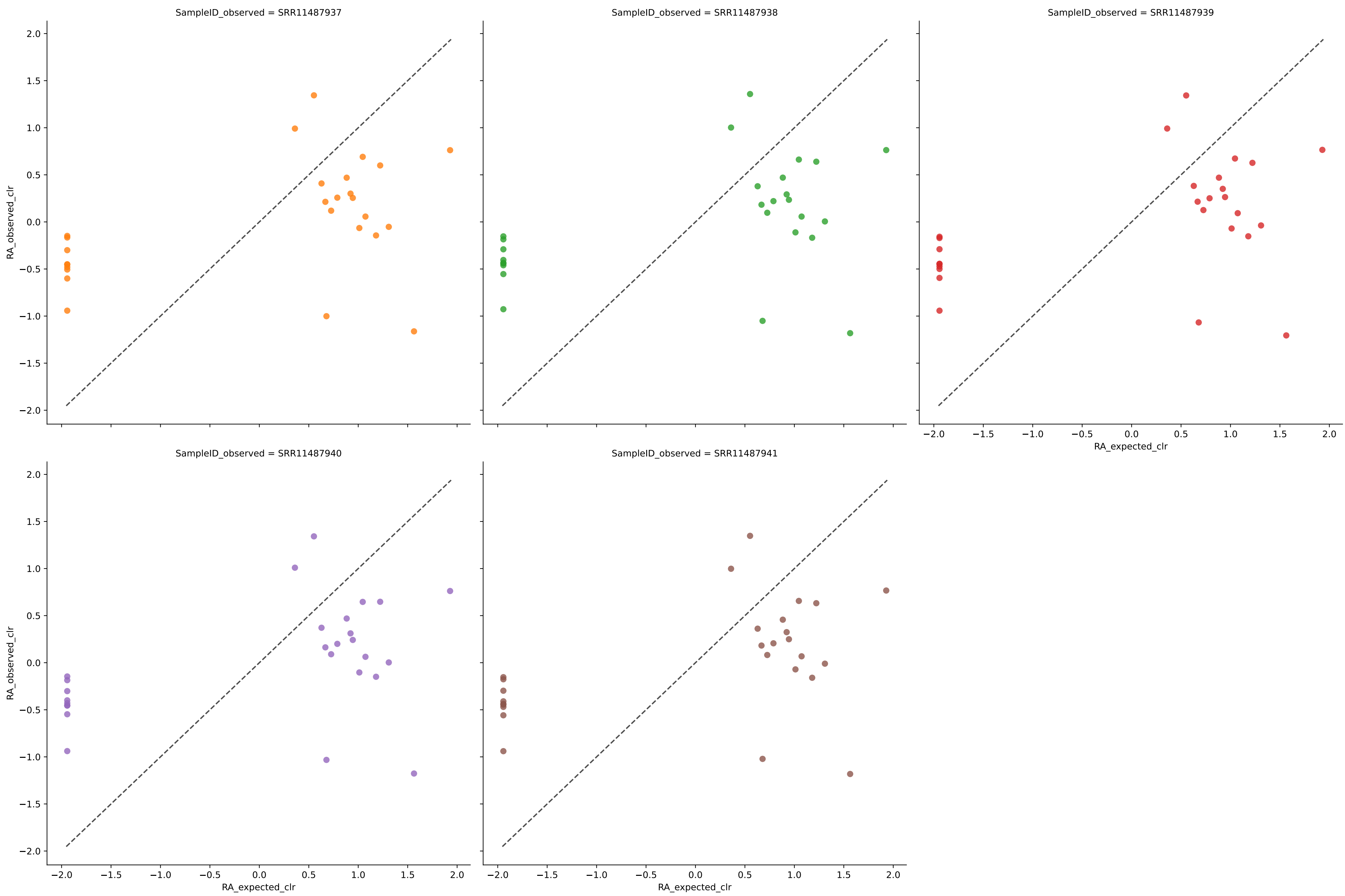
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	20	0.3930	0.0042	4.0676	0.7898	0.0058	100.0000	0.3130
SRR11487938	20	0.3898	0.0042	4.1620	0.7891	0.0059	100.0000	0.3214
SRR11487939	20	0.4313	0.0041	4.3416	0.7937	0.0058	100.0000	0.2720
SRR11487940	20	0.4043	0.0042	3.9628	0.7923	0.0058	100.0000	0.3140
SRR11487941	20	0.4099	0.0041	4.1242	0.7927	0.0058	100.0000	0.2901
Average	20	0.4057	0.0042	4.1317	0.7915	0.0058	100.0000	0.3021

Expected vs. Observed Relative Abundance for species using wgsa in Experiment Amos mixed with filter 0.01



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	18	0.3973	0.0049	5.0546	0.7762	0.0071	100.0000	0.3501
SRR11487938	18	0.4050	0.0049	5.1239	0.7762	0.0072	100.0000	0.3410
SRR11487939	18	0.4114	0.0049	5.0664	0.7763	0.0072	100.0000	0.3266
SRR11487940	18	0.4079	0.0049	5.0660	0.7776	0.0071	100.0000	0.3392
SRR11487941	18	0.4086	0.0049	5.0889	0.7774	0.0071	100.0000	0.3388
Average	18	0.4060	0.0049	5.0800	0.7767	0.0071	100.0000	0.3391

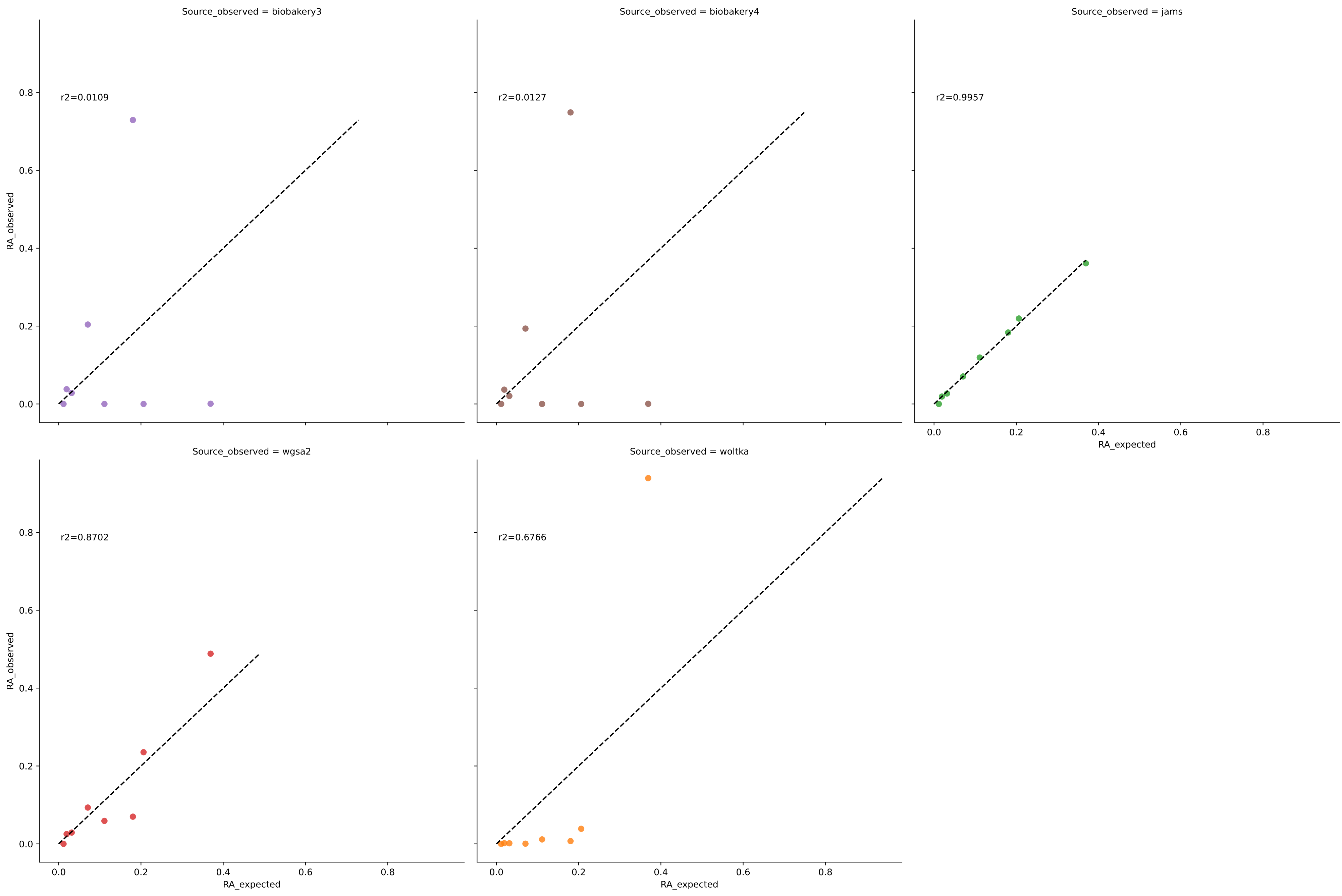
Expected vs. Observed Relative Abundance for species using wol in Experiment Amos mixed with filter 0.01



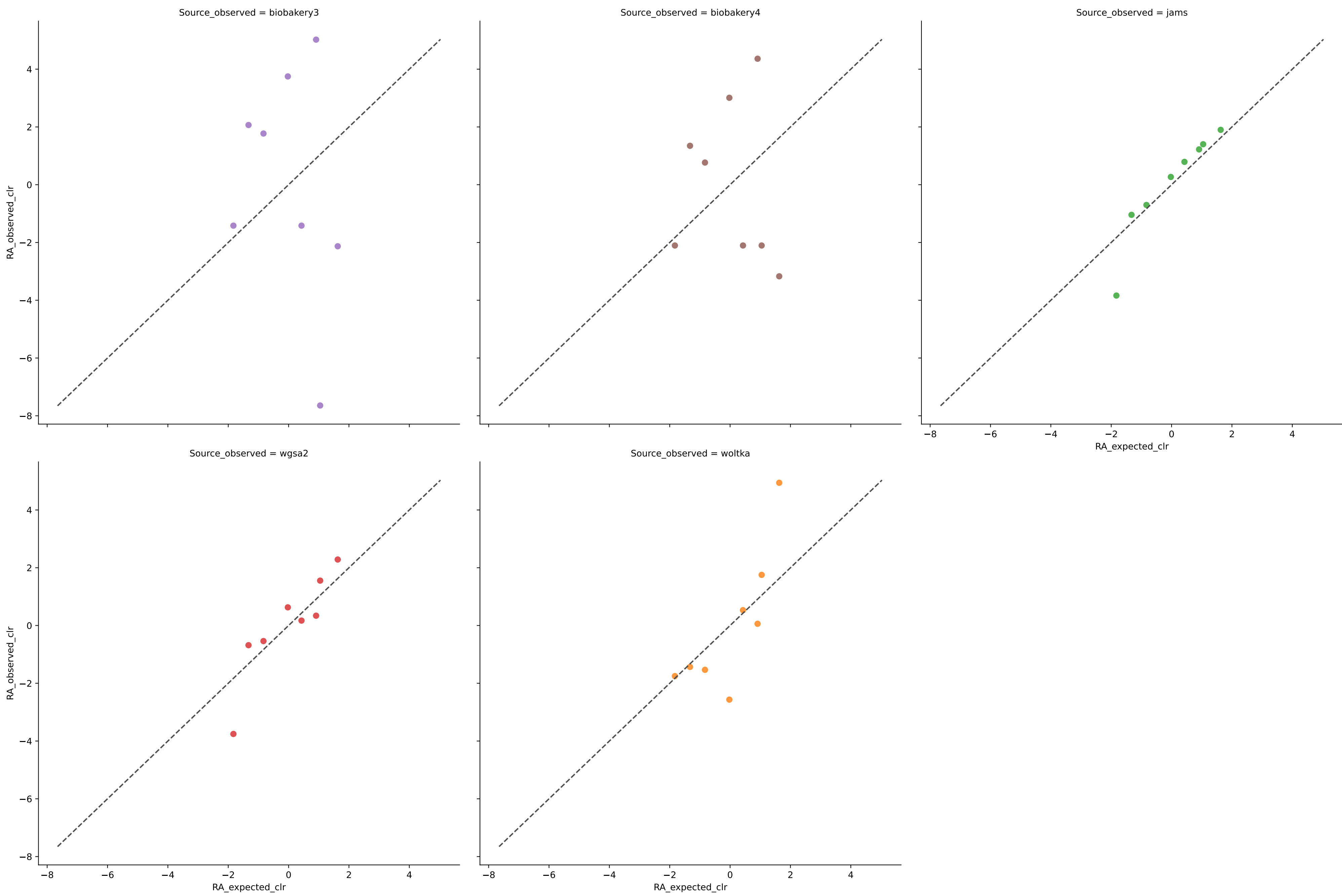
	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	27	0.0995	0.0050	6.4365	0.6588	0.0068	100.0000	3.6543
SRR11487938	27	0.0945	0.0051	6.5124	0.6561	0.0068	100.0000	3.7138
SRR11487939	27	0.1013	0.0050	6.4645	0.6622	0.0068	100.0000	3.6528
SRR11487940	27	0.0969	0.0050	6.5002	0.6577	0.0068	100.0000	3.7177
SRR11487941	27	0.0982	0.0050	6.4887	0.6591	0.0068	100.0000	3.7070
Average	27	0.0981	0.0050	6.4805	0.6588	0.0068	100.0000	3.6891



# Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0.1)

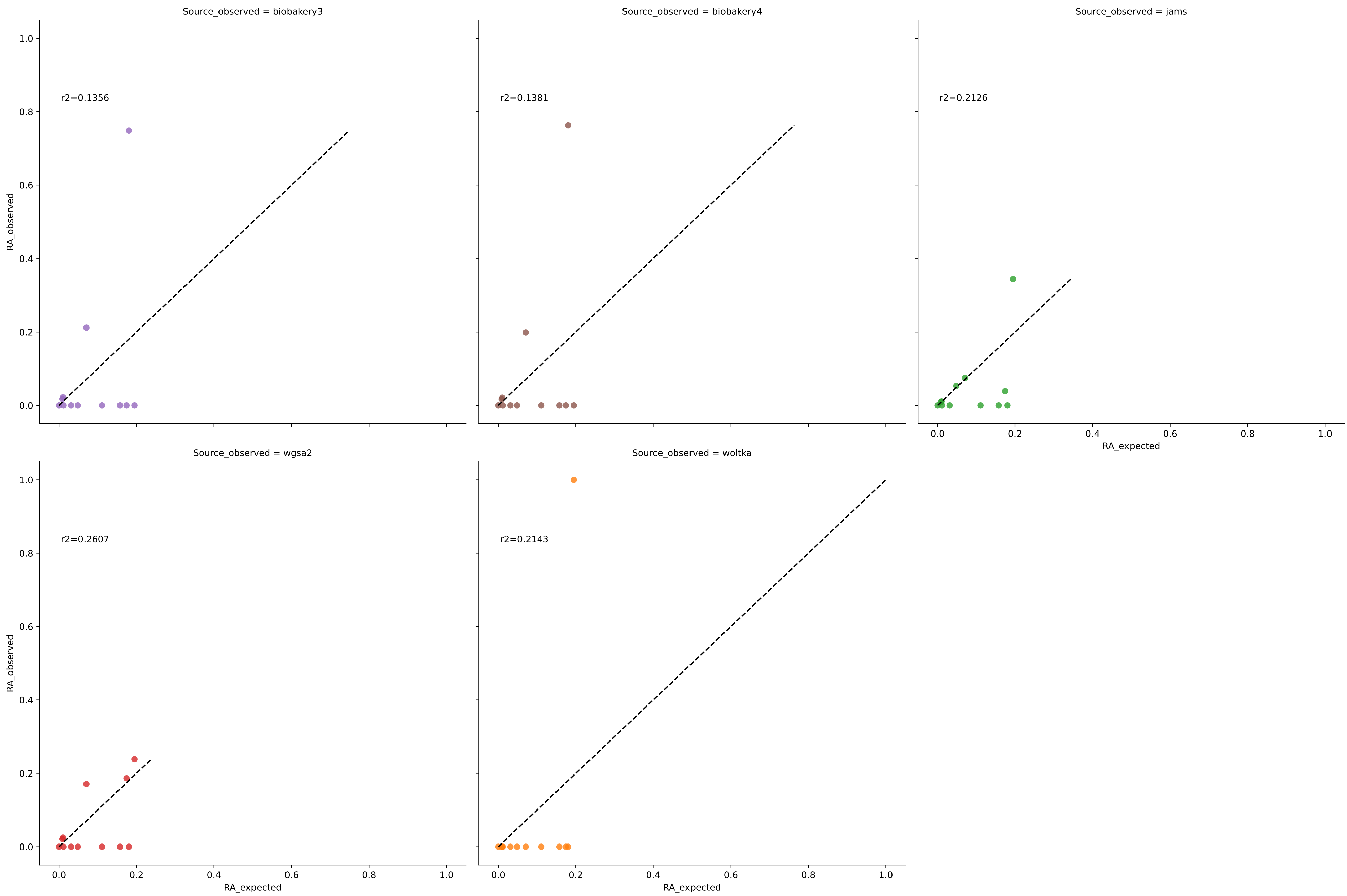


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0.1)

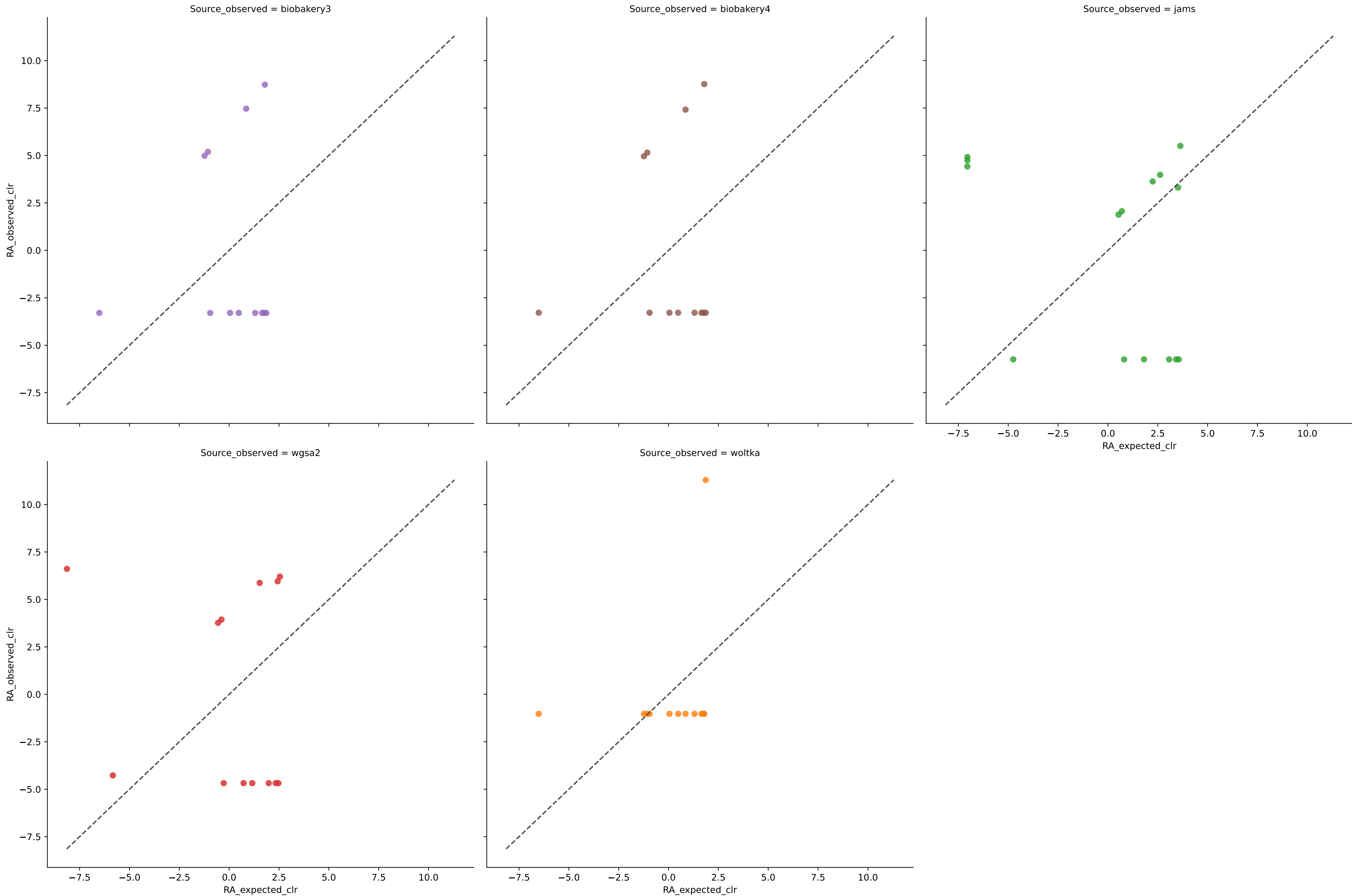


	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.0109	0.1752	11.9443	0.2991	0.2526	75.0000	0.0000
biobakery4	8	0.0127	0.1772	8.3828	0.2912	0.2573	62.5000	0.0000
jams	8	0.9957	0.0061	2.1565	0.9754	0.0077	87.5000	0.0000
wgsa2	8	0.8702	0.0442	2.3923	0.8232	0.0619	87.5000	0.0000
woltka	8	0.6766	0.1425	4.3797	0.4300	0.2234	87.5000	0.0000

# Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0.1)

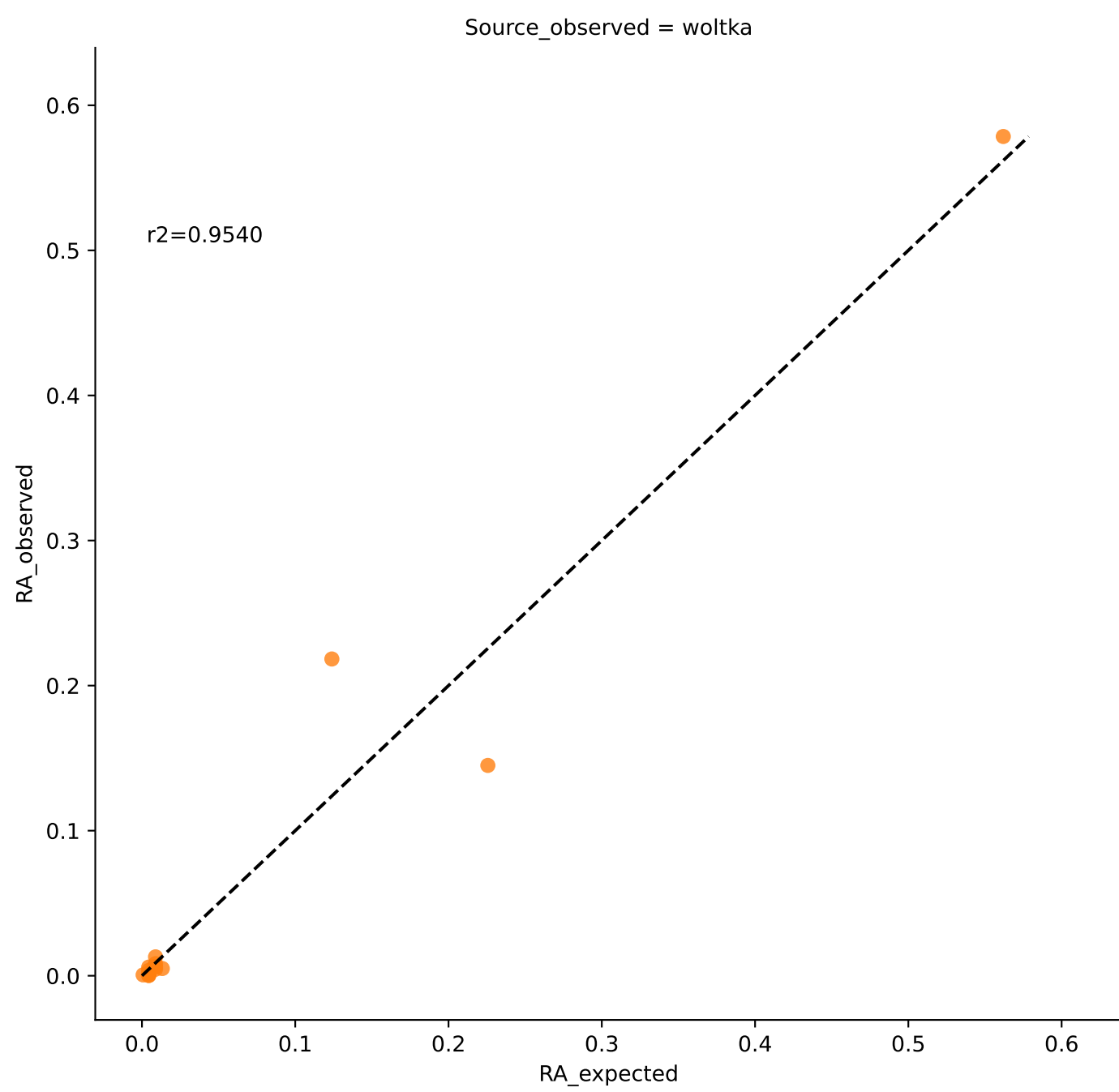
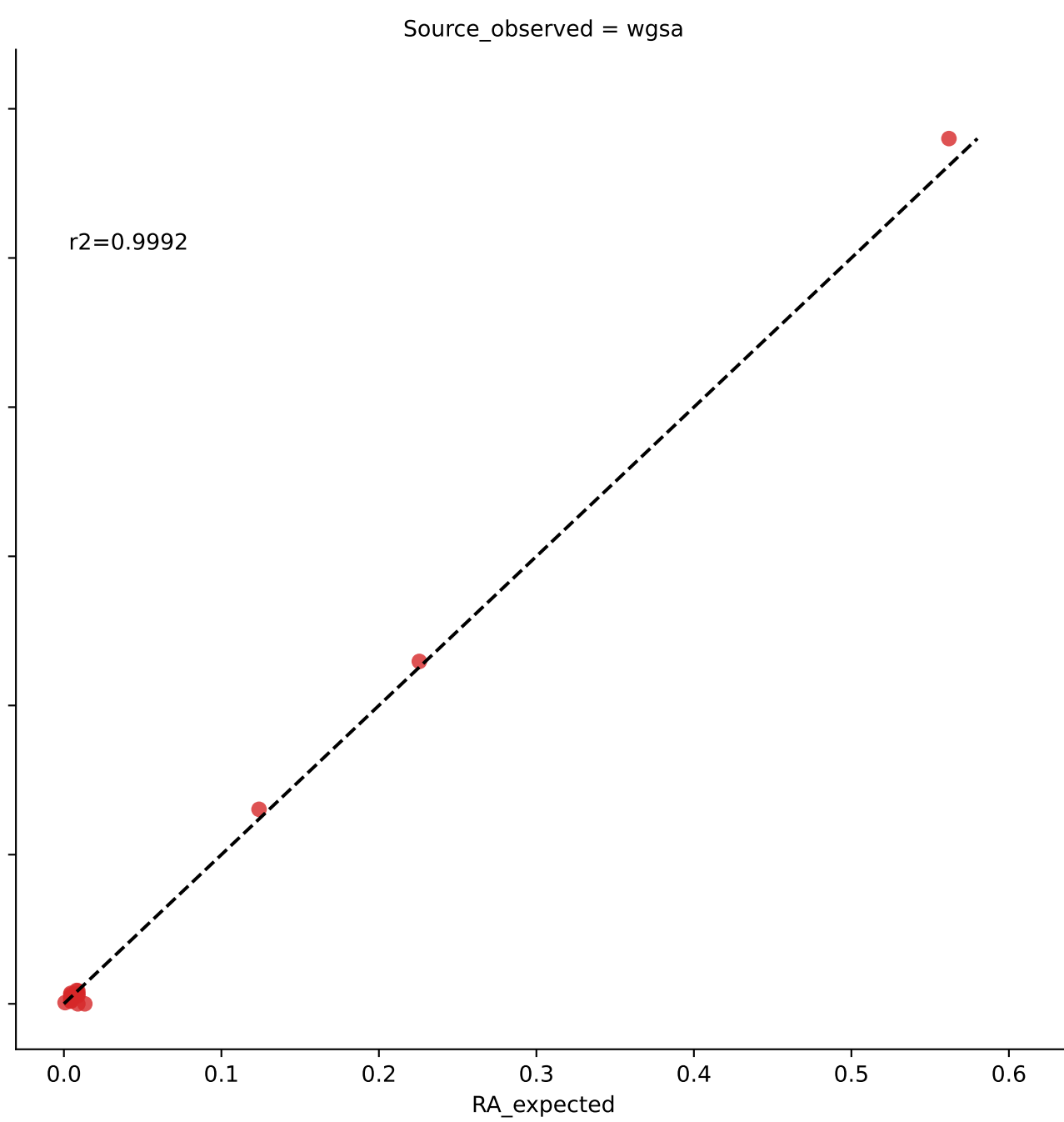
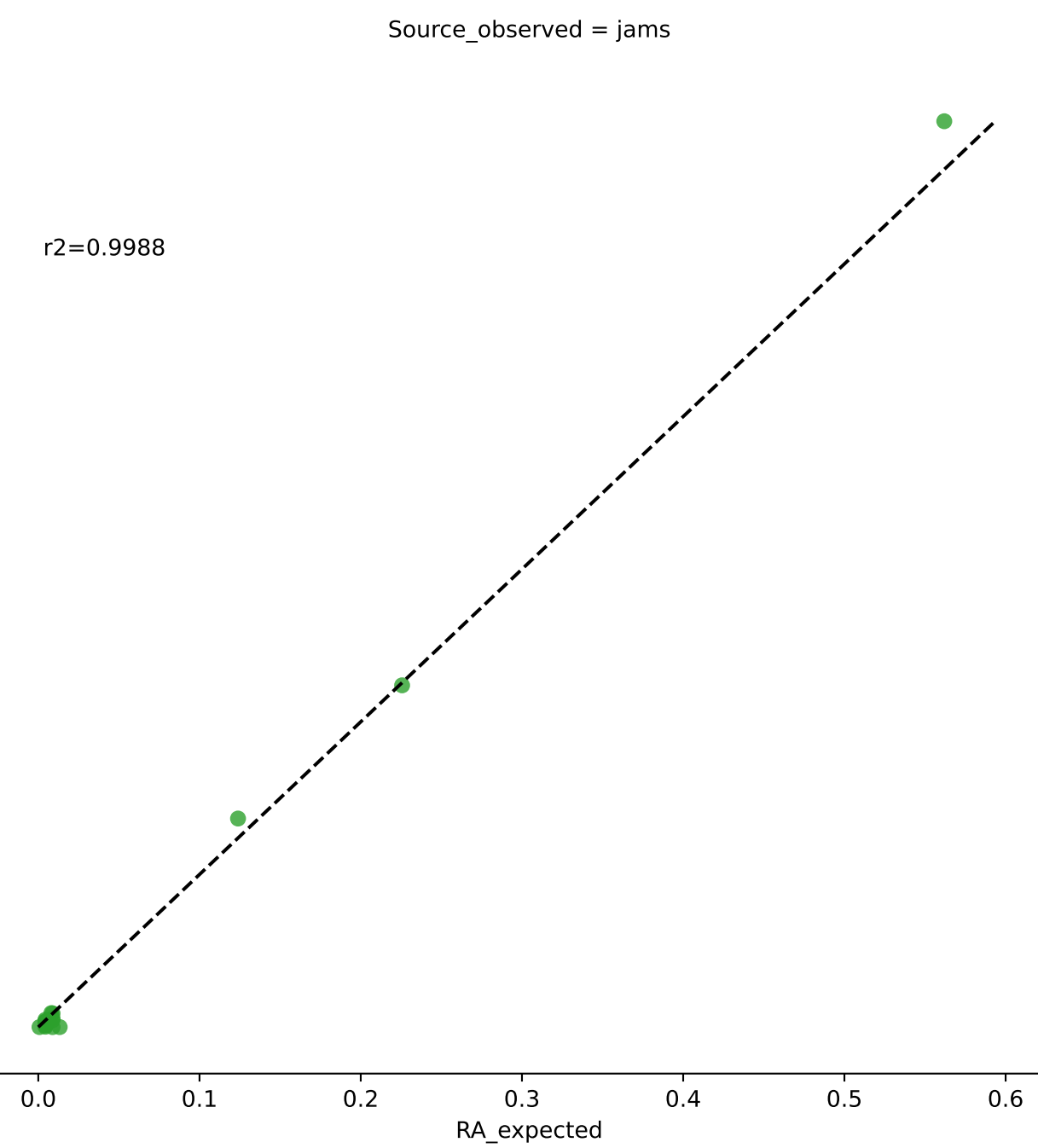
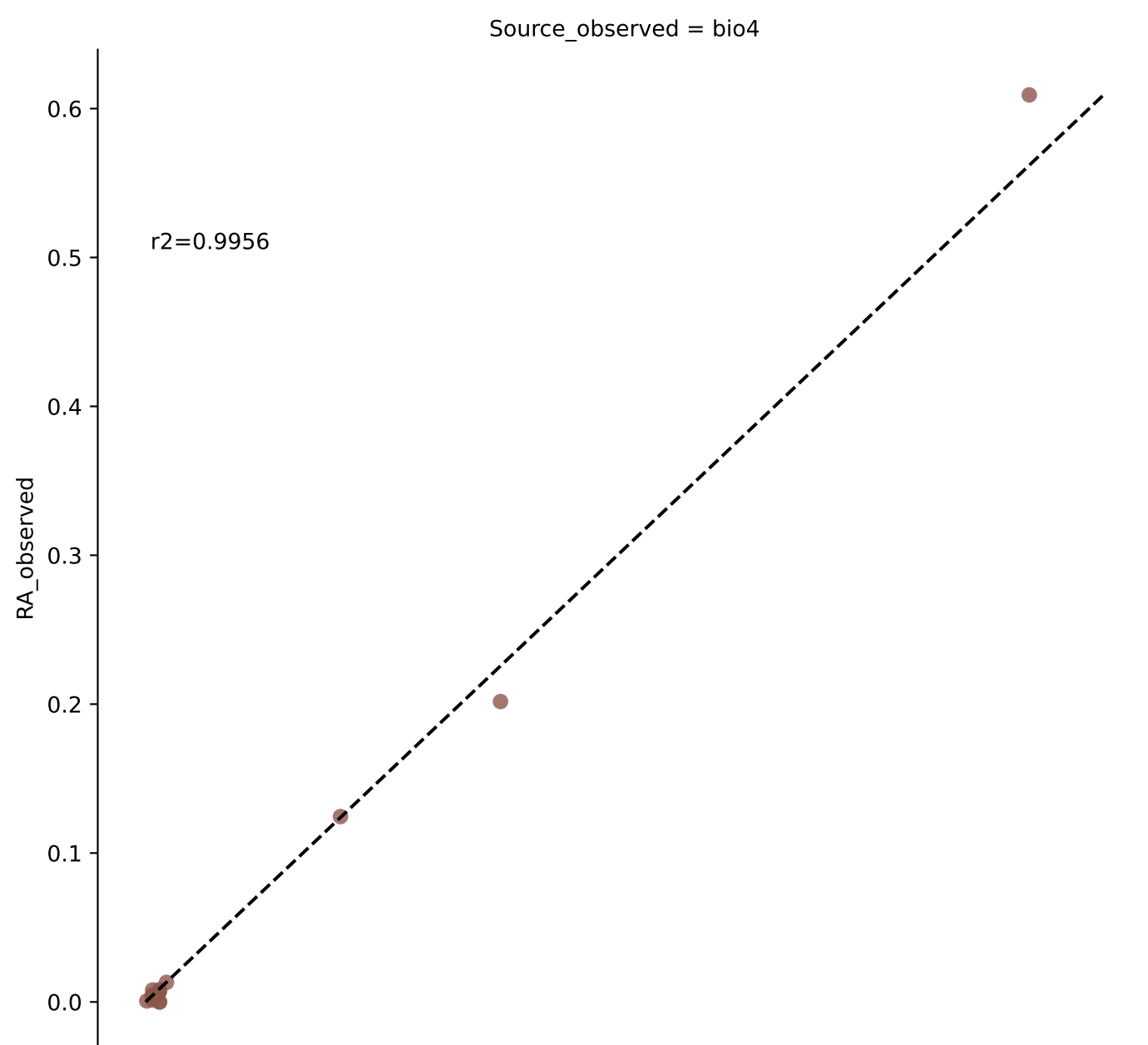


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0.1)

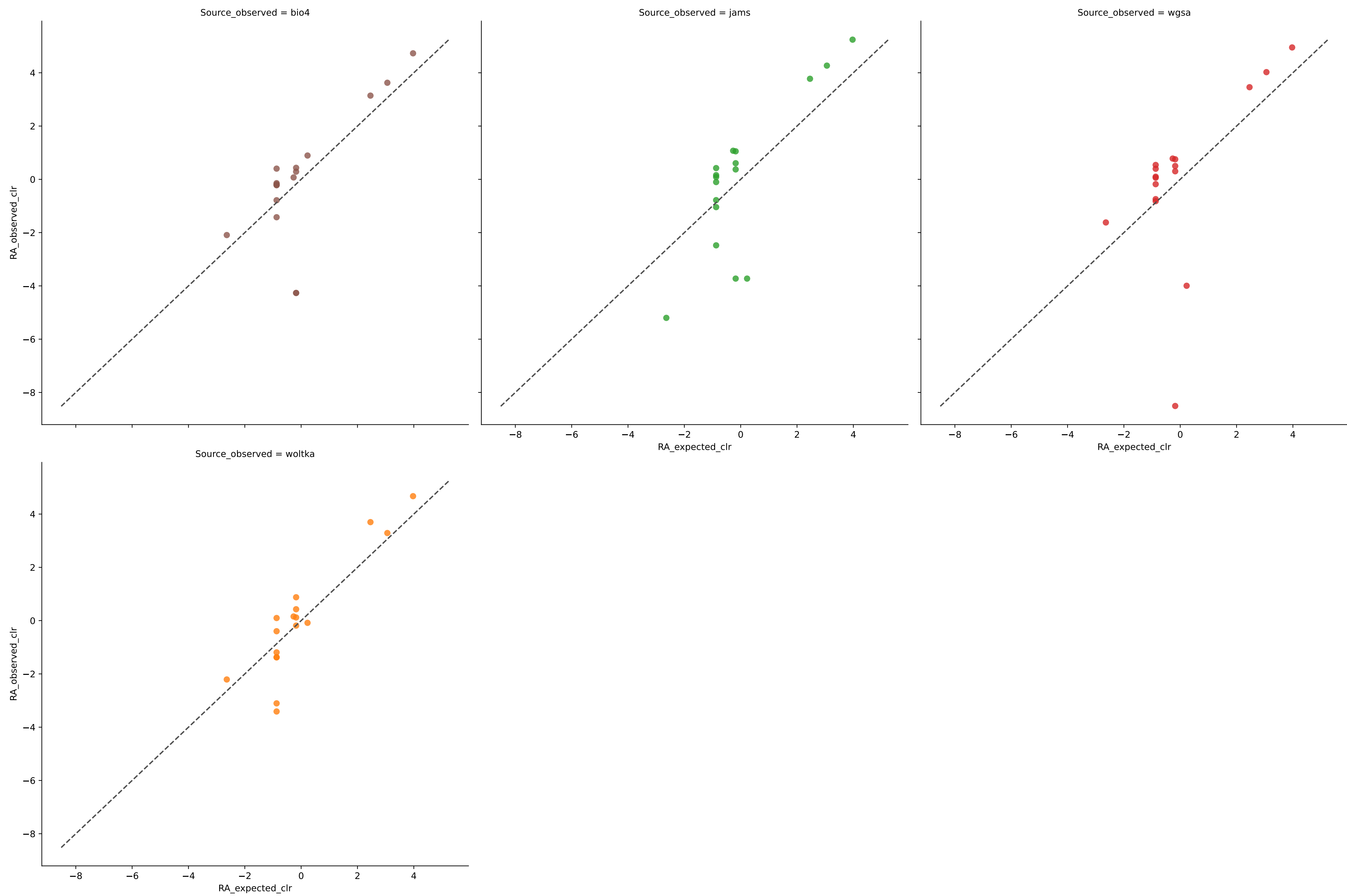


	Diversity	R <sup>2</sup>	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	12	0.1356	0.1216	17.5737	0.2702	0.1942	33.3333	0.0000
biobakery4	12	0.1381	0.1216	17.5288	0.2702	0.1970	33.3333	0.0000
jams	15	0.0206	0.0838	27.8266	0.3718	0.1120	50.0000	47.0174
wgsa2	13	0.0176	0.0832	23.0059	0.4591	0.1283	50.0000	35.8338
woltka	12	0.2143	0.1342	12.4164	0.1949	0.2511	8.3333	0.0000

# Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 0.1)

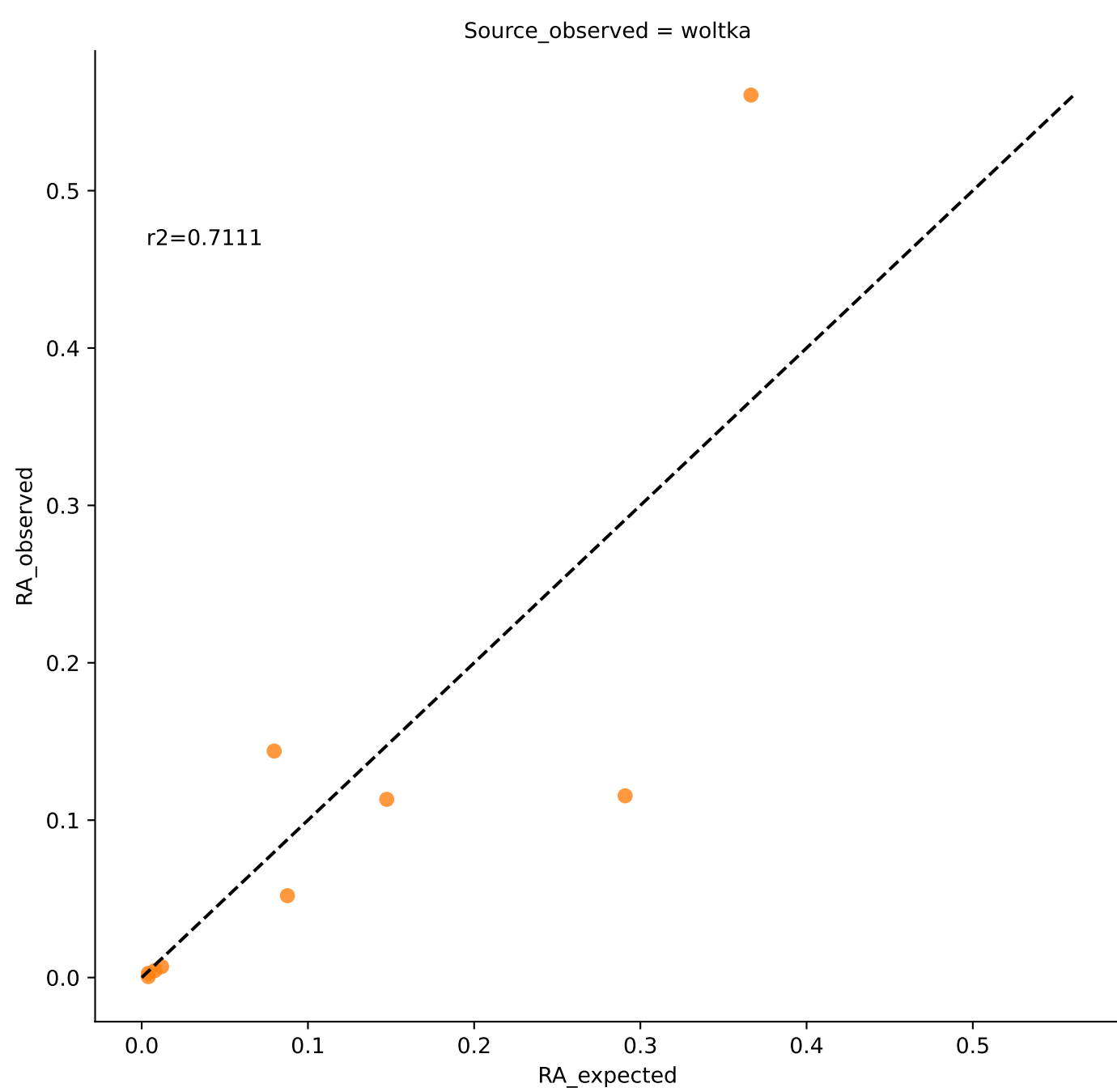
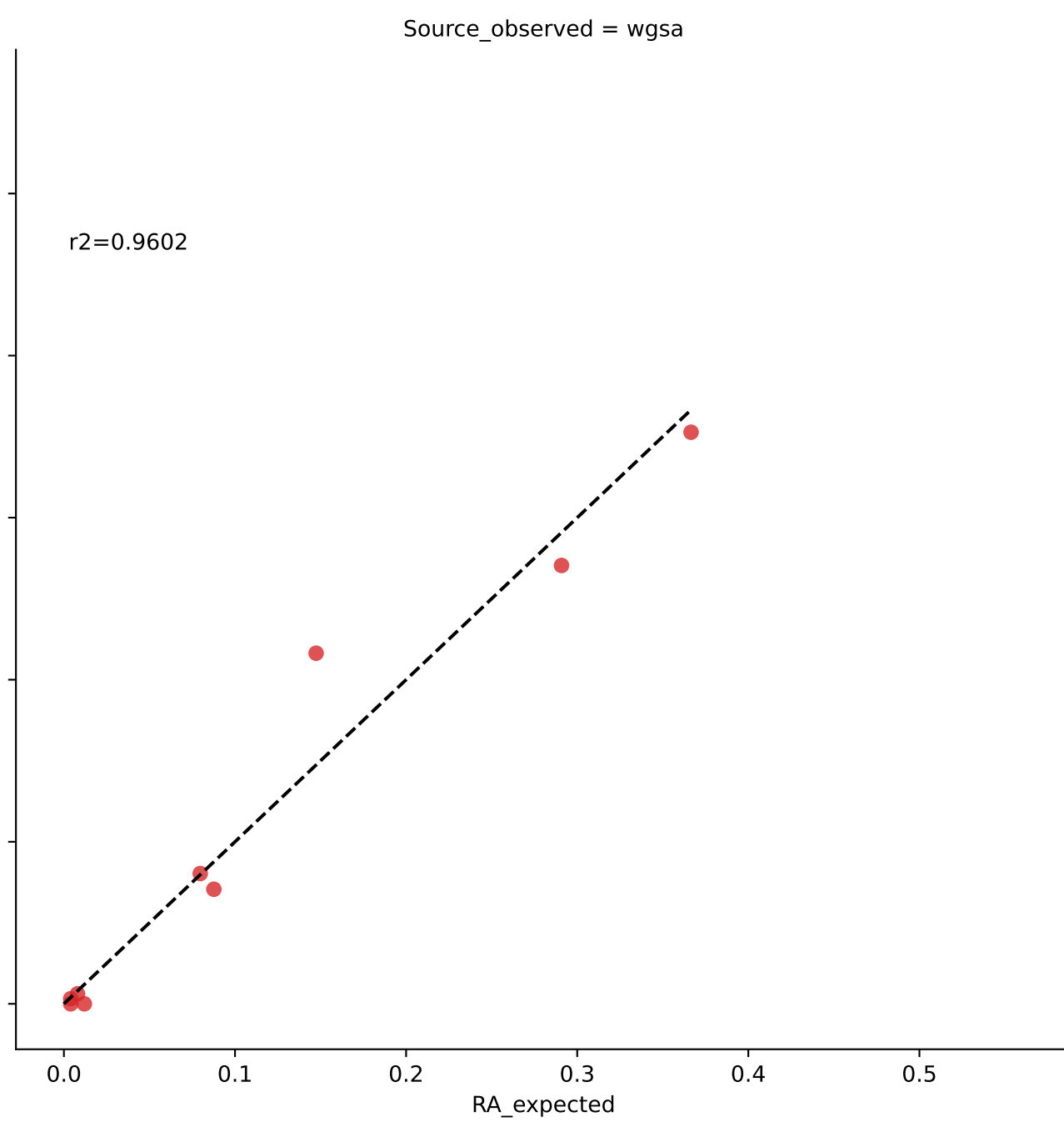
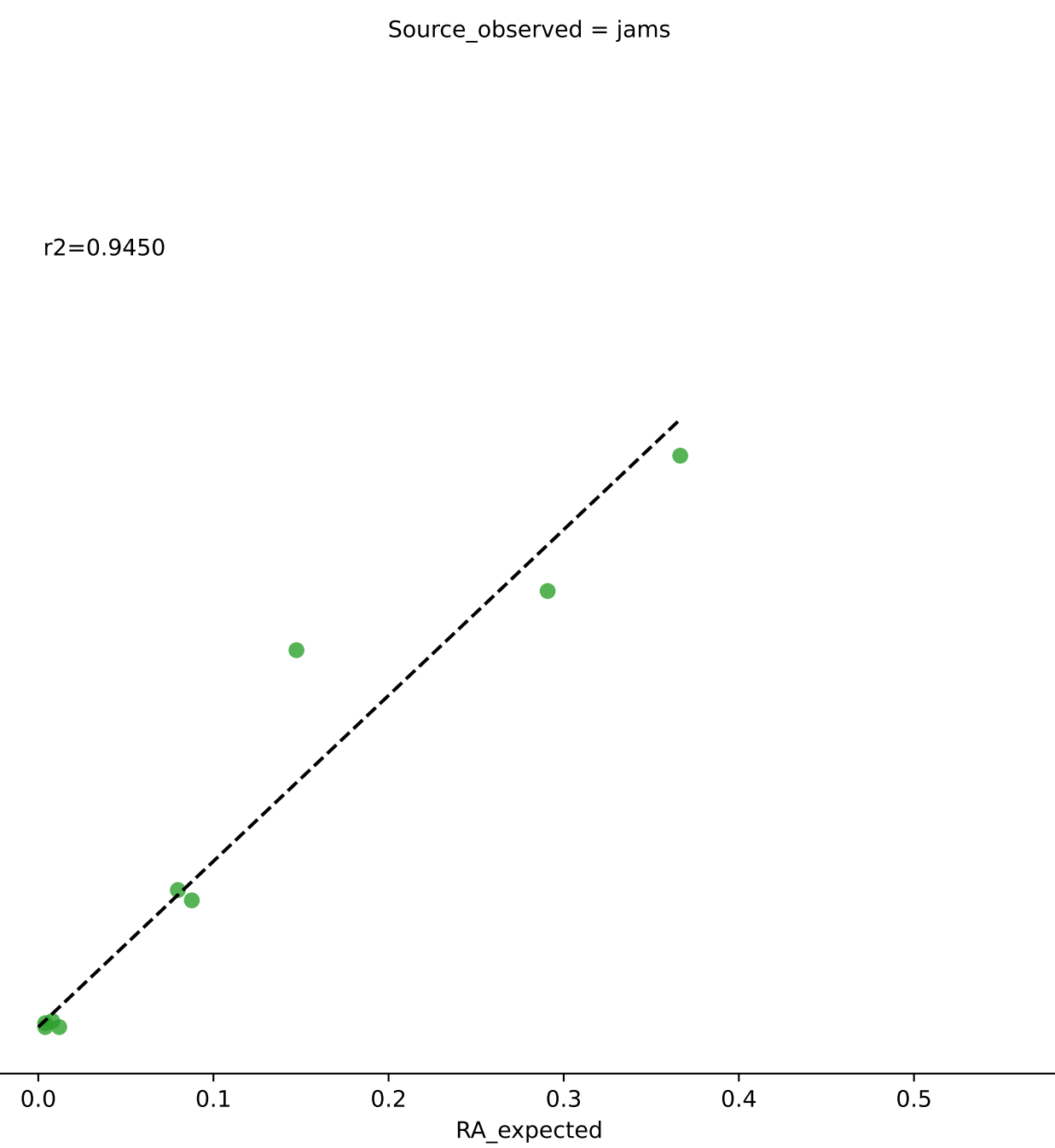
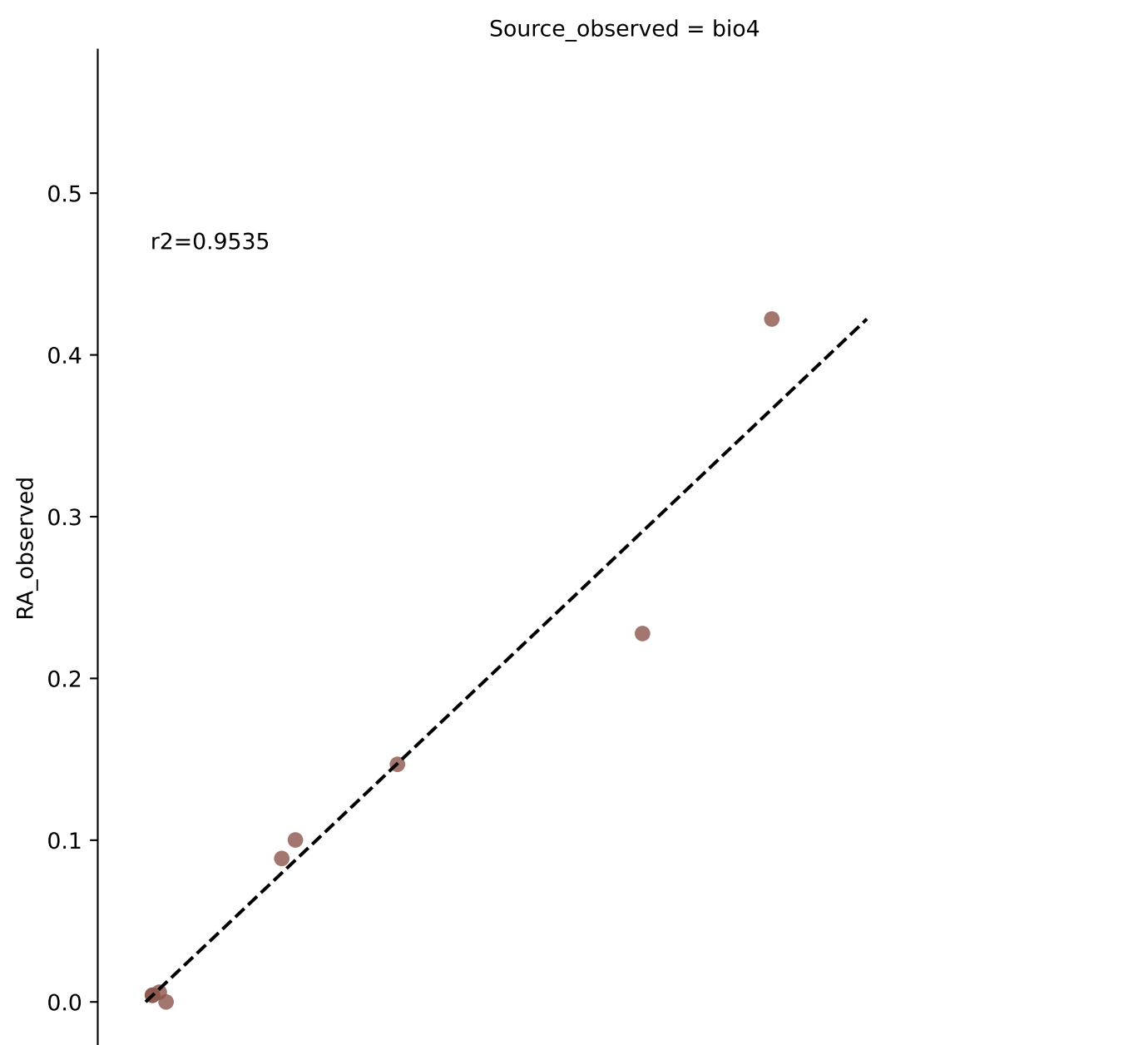


Bivariate Linear Regression for Sample S1 in Experiment camsimGI (Genus at filter threshold 0.1)

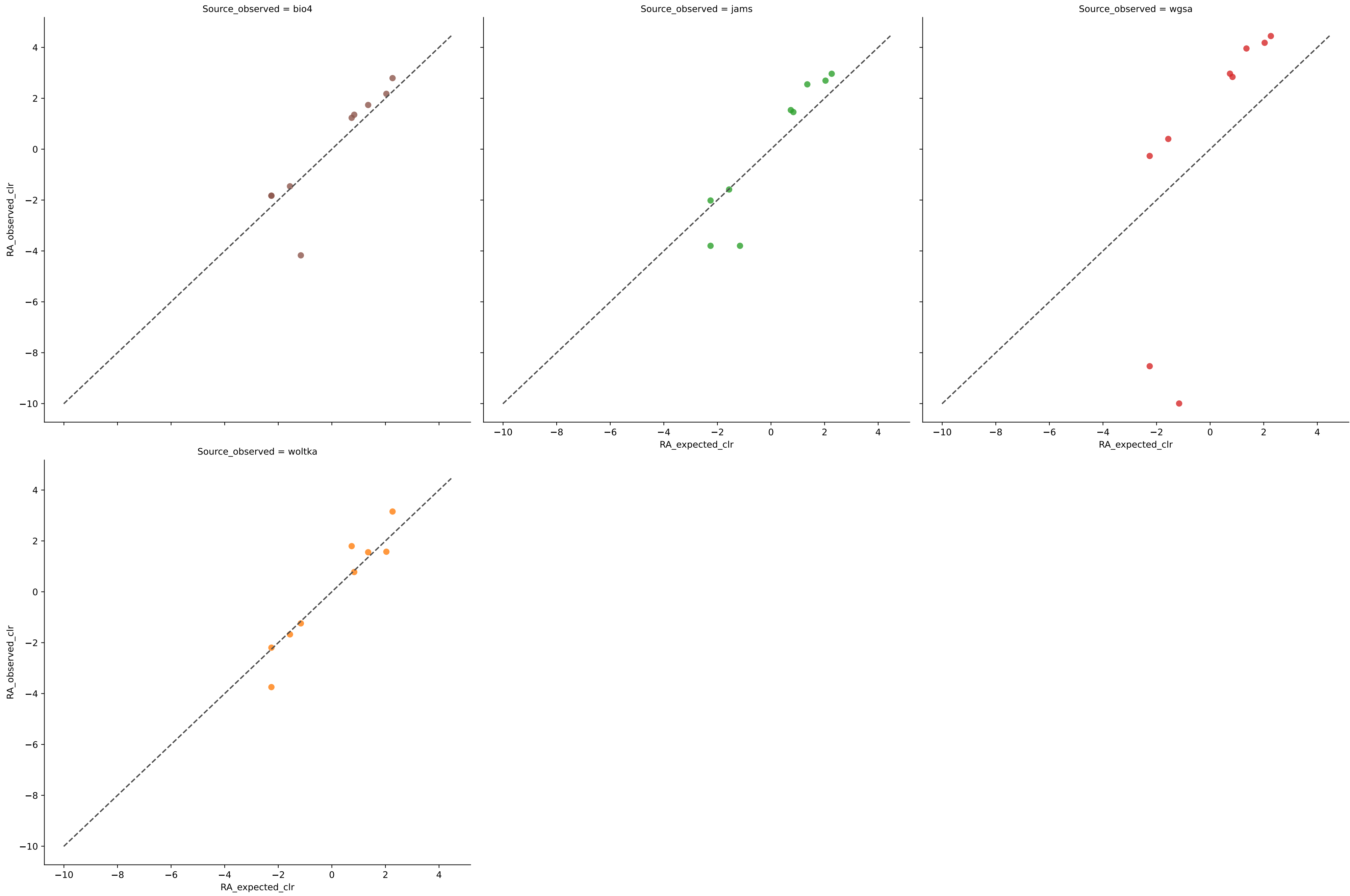


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	17	0.9956	0.0061	6.3250	0.9483	0.0133	88.2353	0.0000
jams	17	0.9988	0.0054	7.1180	0.9541	0.0094	88.2353	0.0000
wgsa	17	0.9992	0.0040	9.9850	0.9662	0.0063	94.1176	0.0000
woltka	17	0.9540	0.0137	4.1612	0.8833	0.0306	100.0000	0.0000

# Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0.1)



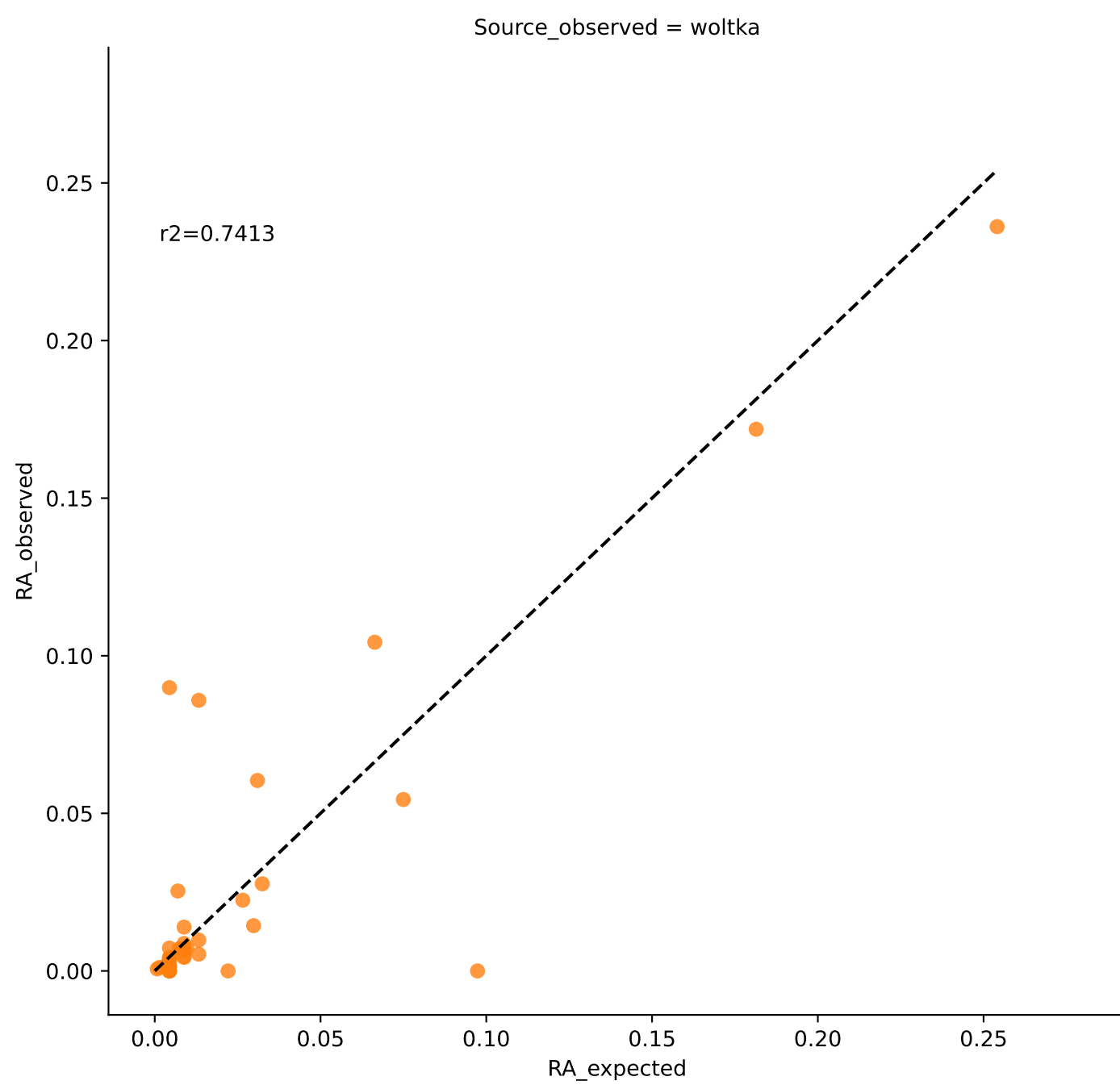
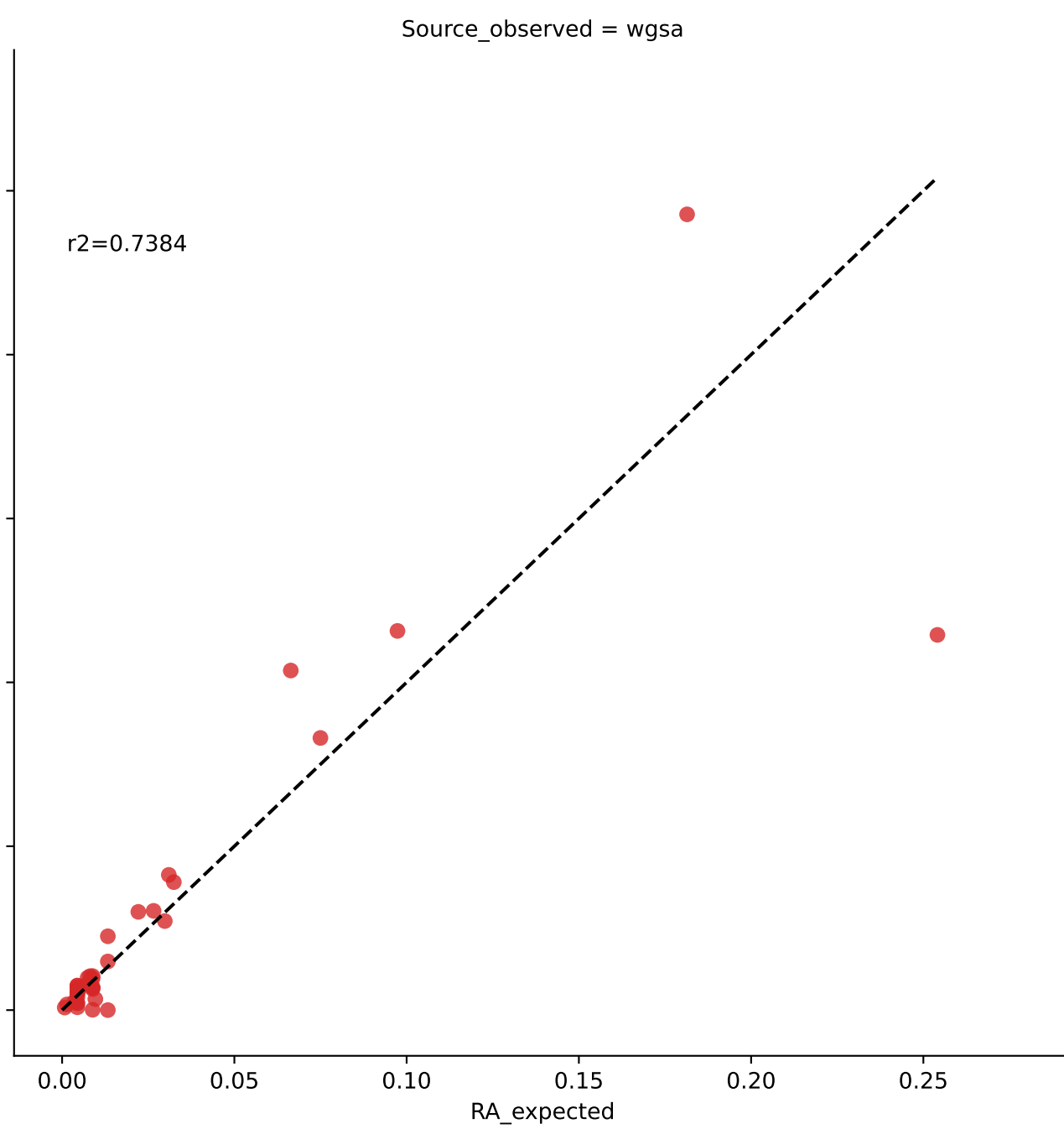
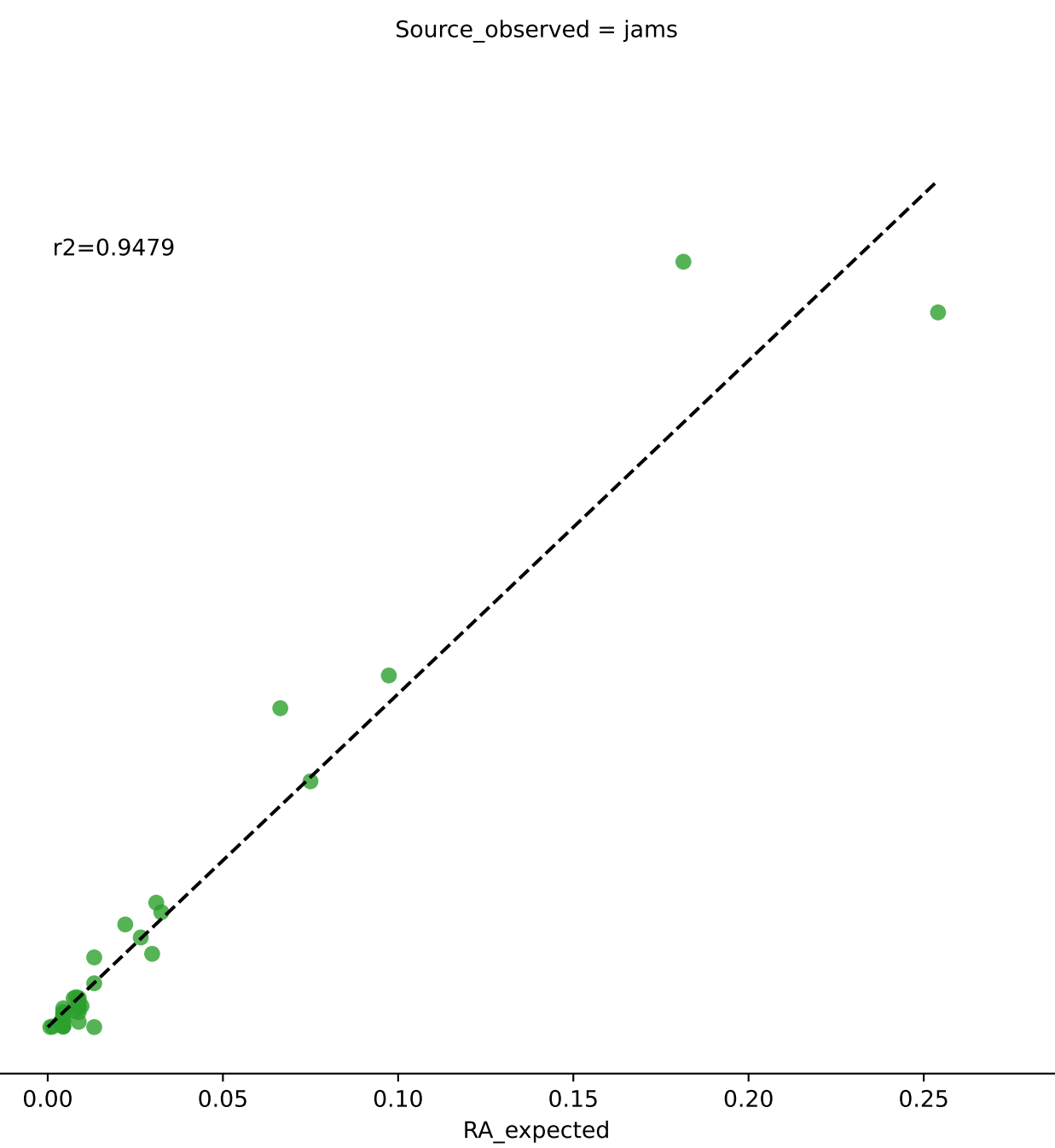
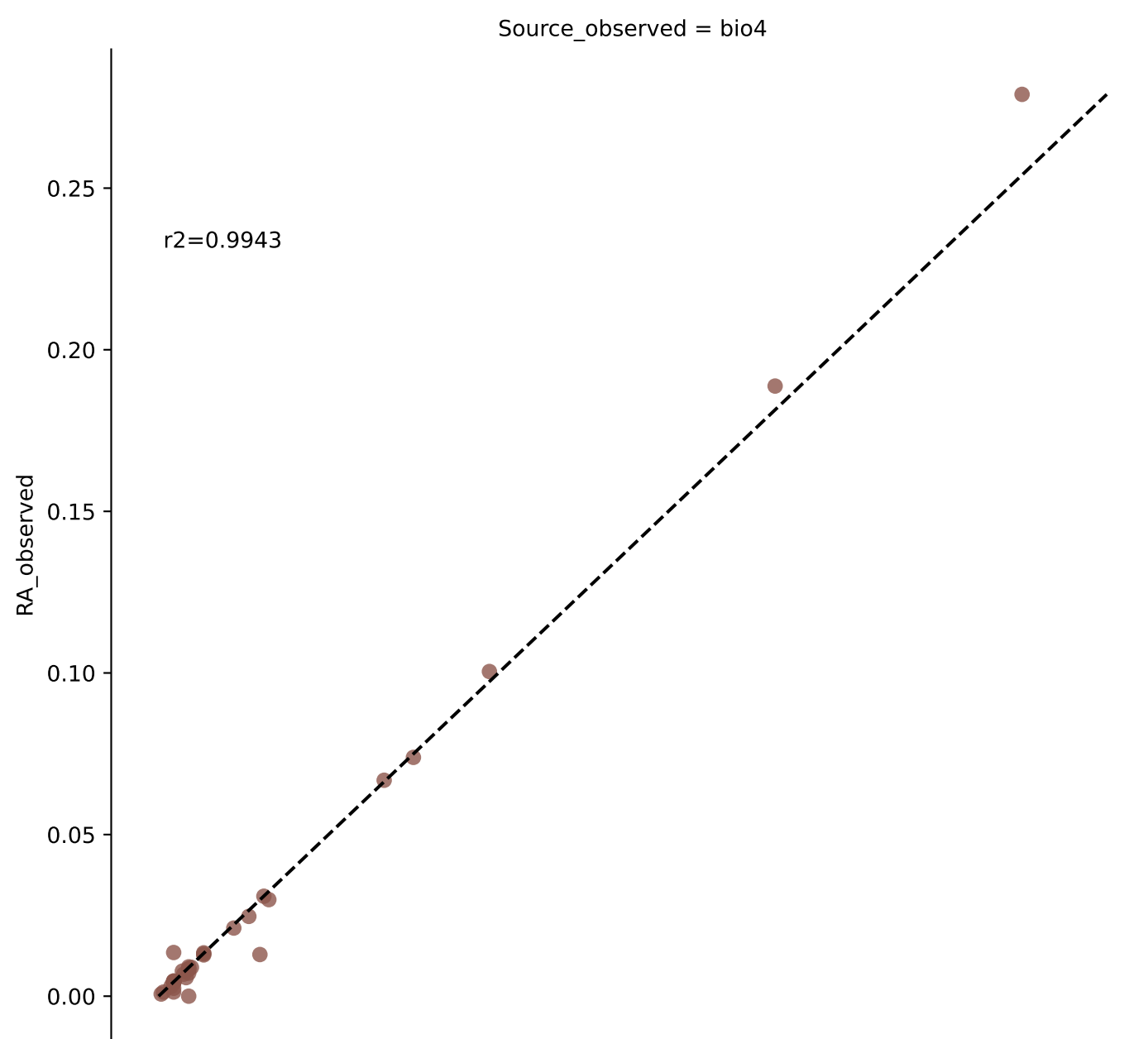
Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0.1)



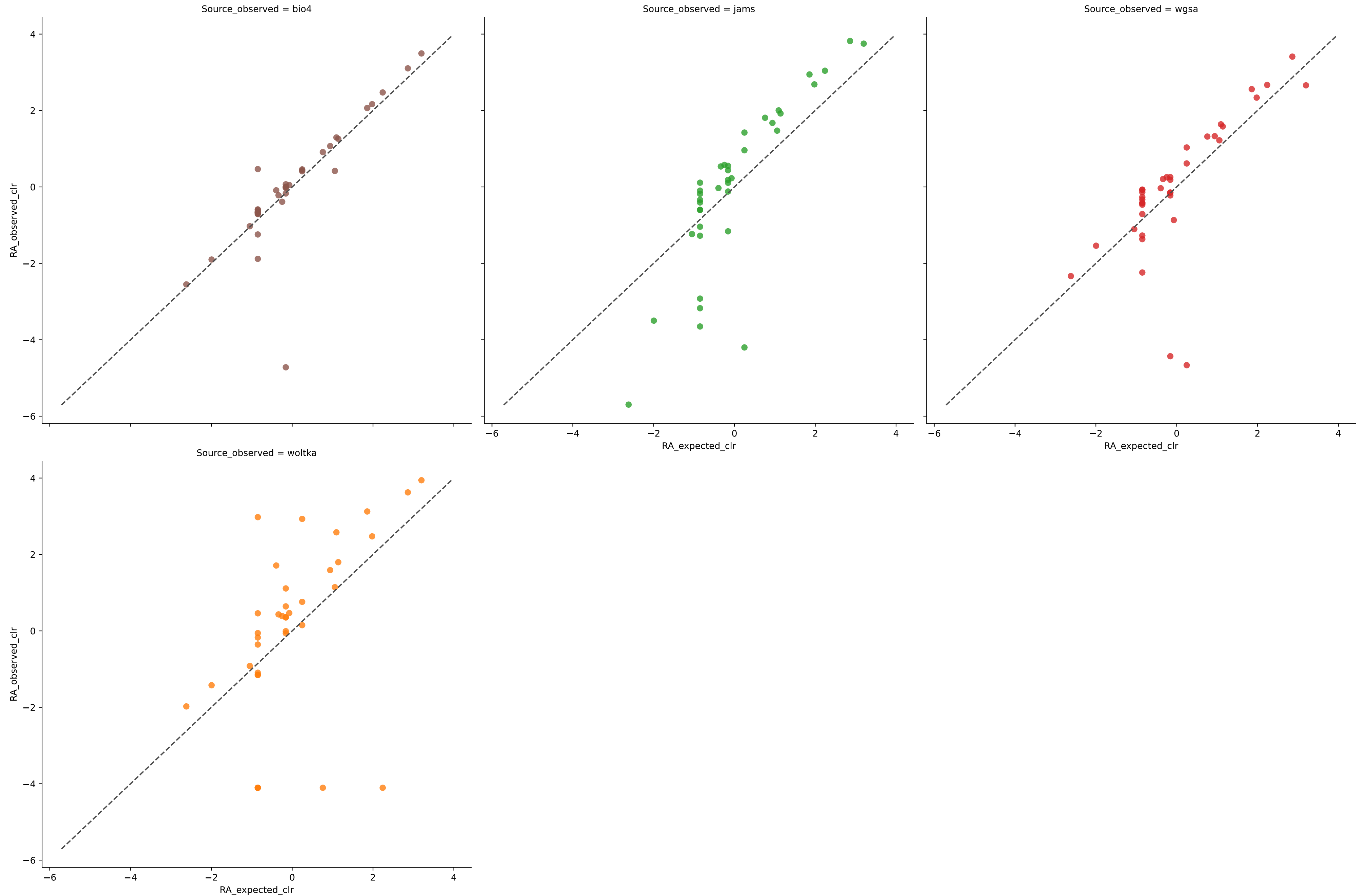
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	9	0.9535	0.0172	3.2287	0.9225	0.0288	88.8889	0.0000
jams	9	0.9450	0.0184	3.5752	0.9171	0.0297	77.7778	0.0000
wgsa	9	0.9602	0.0155	12.2649	0.9303	0.0254	100.0000	0.0000
woltka	9	0.7111	0.0574	2.0984	0.7415	0.0913	100.0000	0.0000



# Bivariate Linear Regression for Sample S1 in Experiment camsimGI (Species at filter threshold 0.1)

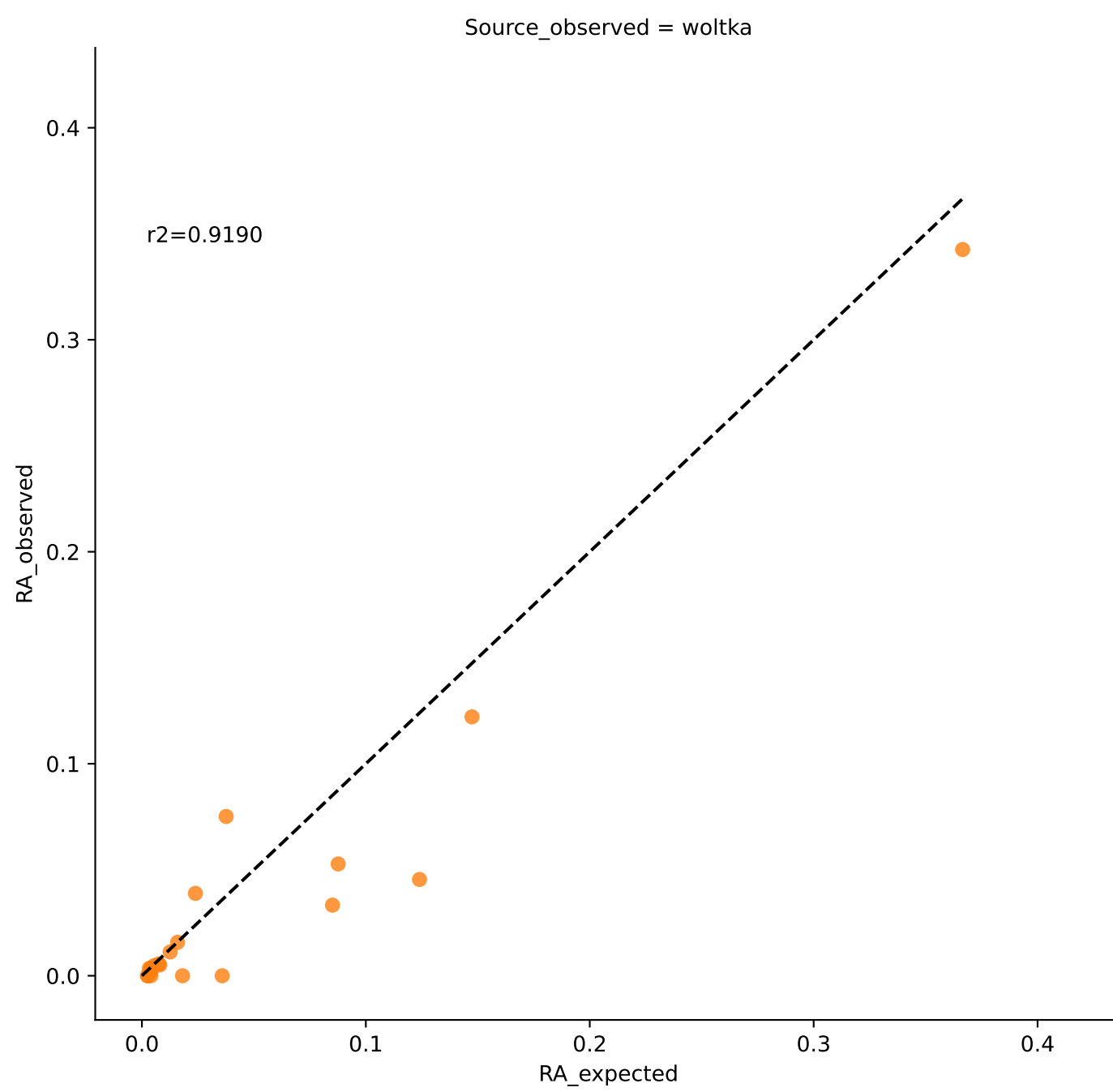
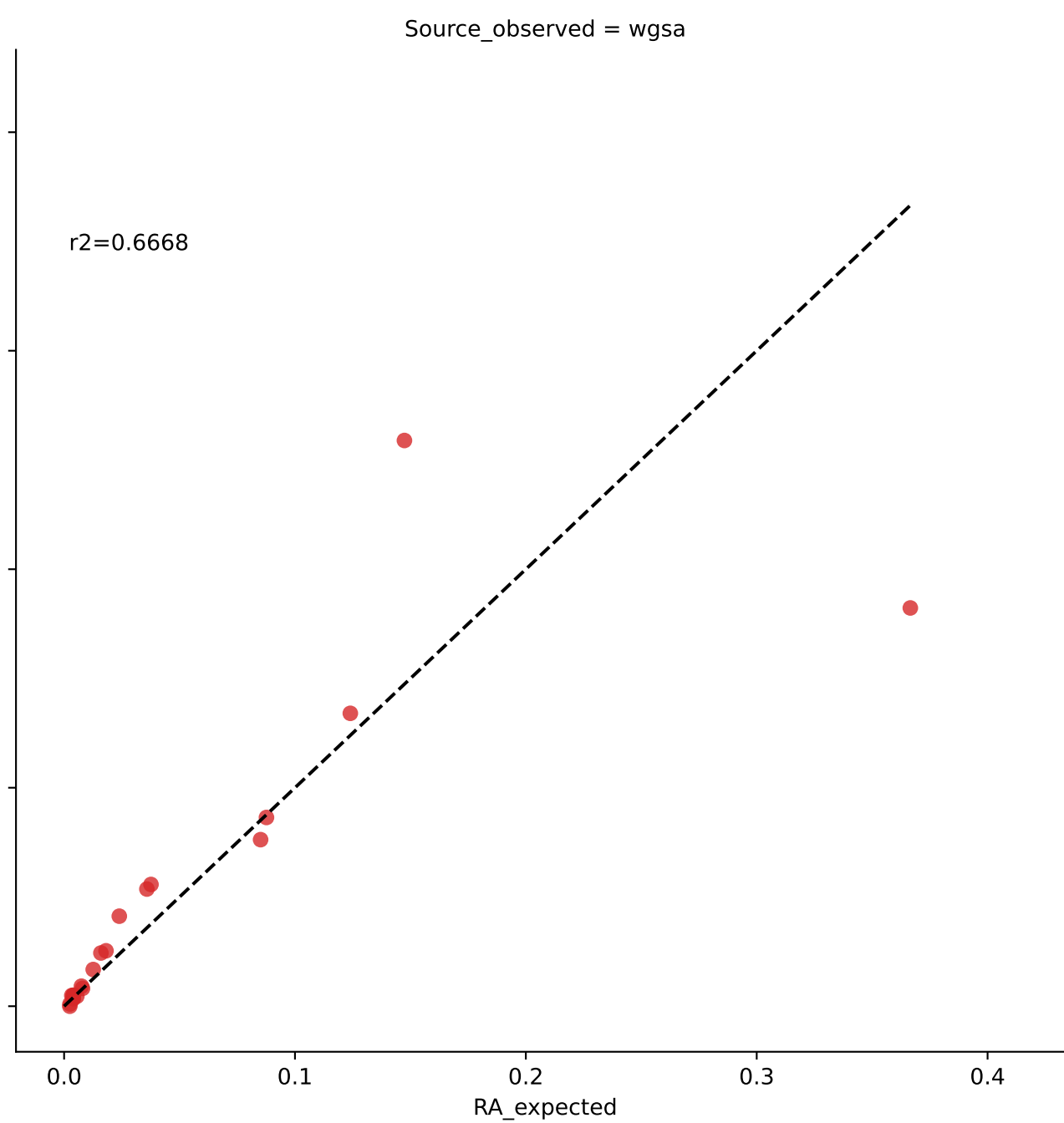
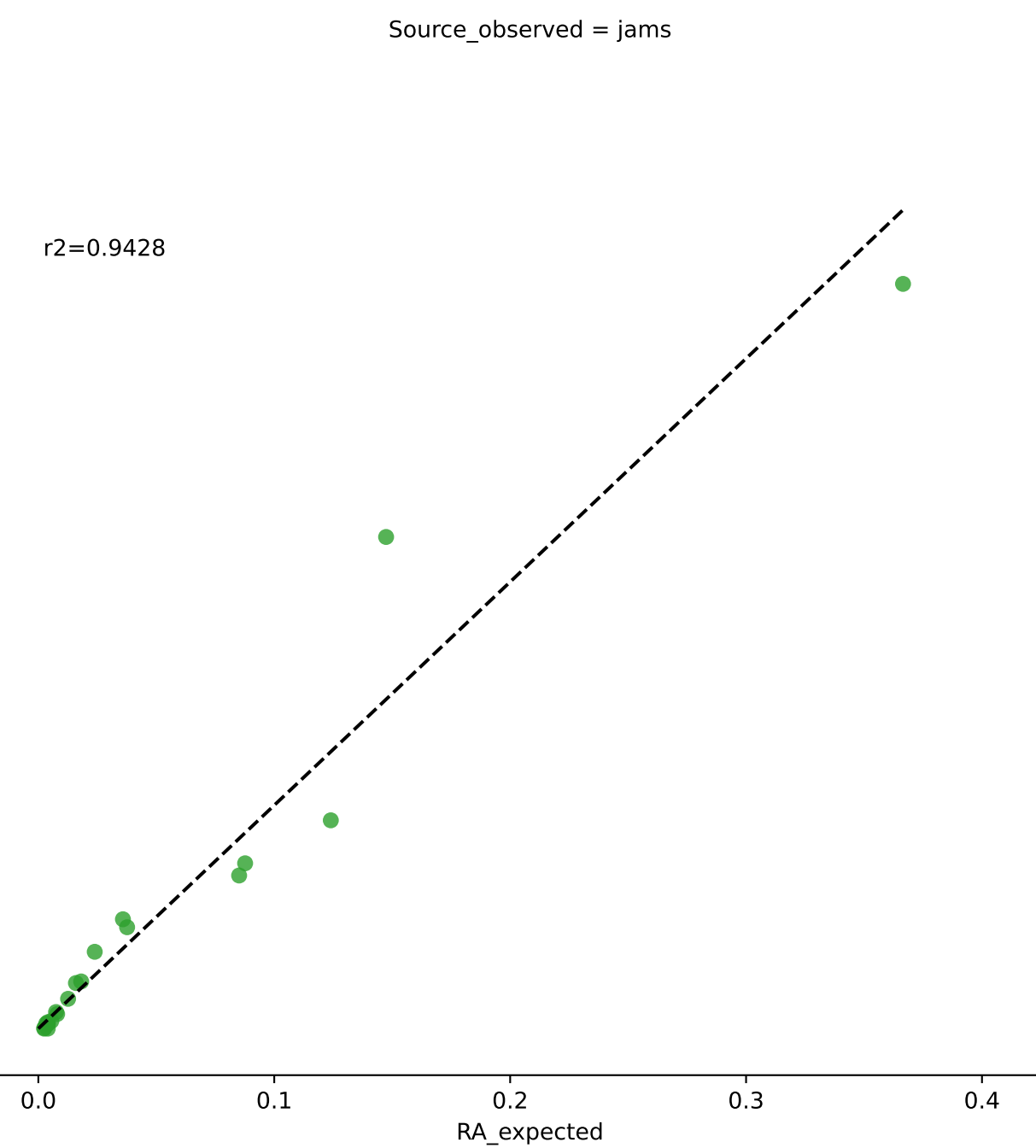
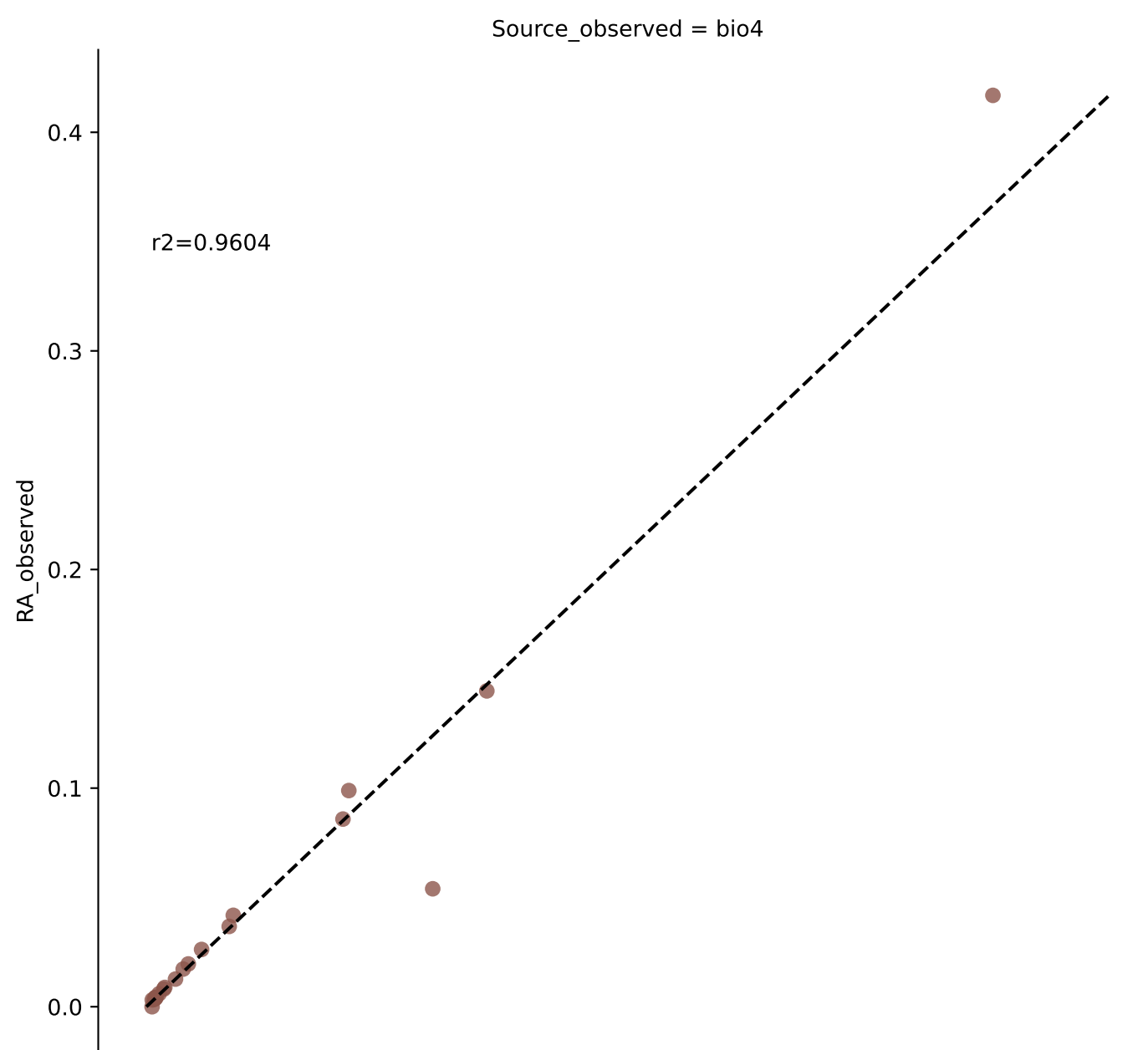


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 0.1)

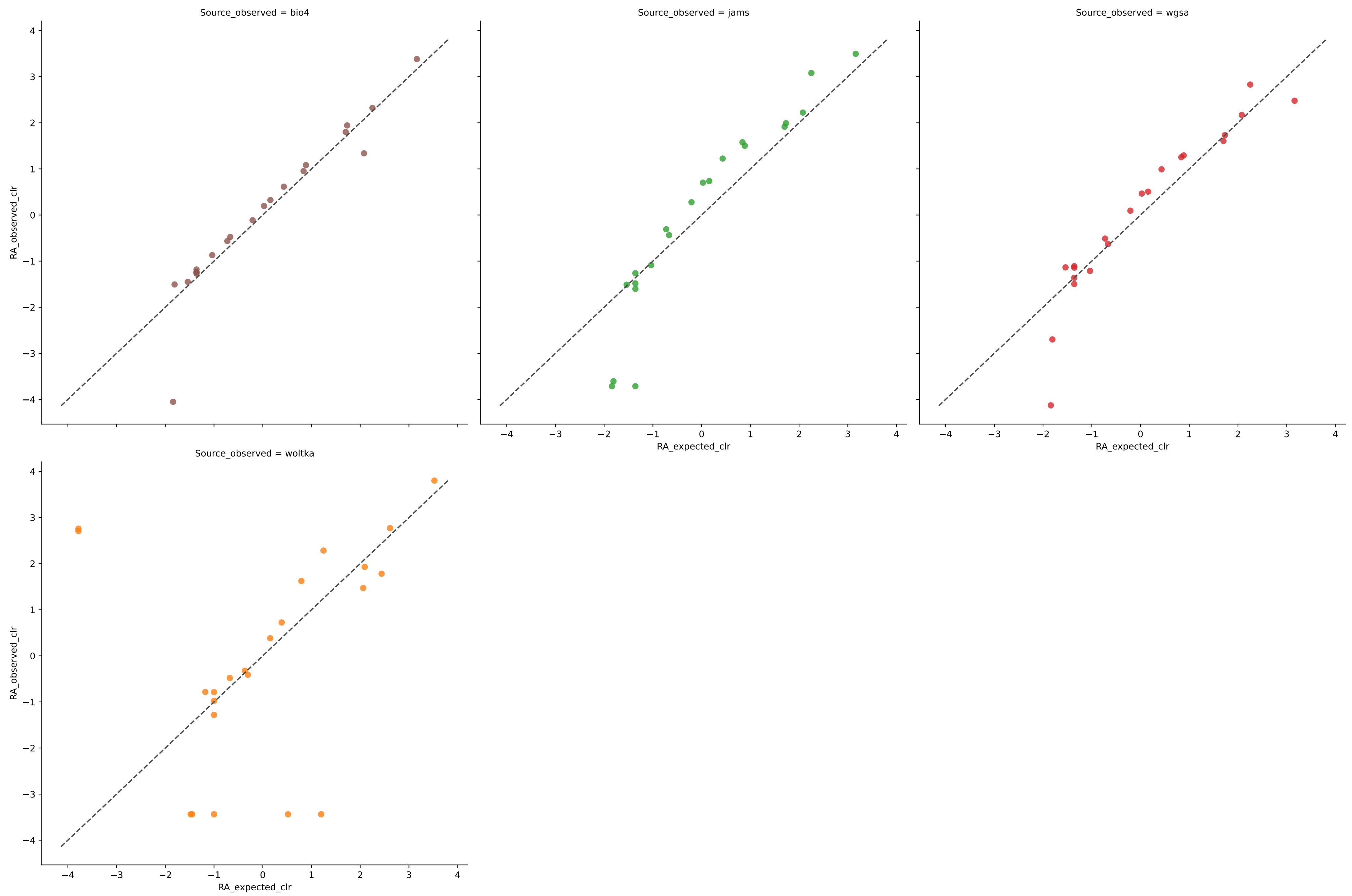


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	38	0.9943	0.0025	5.0280	0.9534	0.0055	97.3684	0.0000
jams	38	0.9479	0.0060	8.0148	0.8858	0.0120	97.3684	0.0000
wgsa	38	0.7384	0.0098	7.2570	0.8136	0.0260	97.3684	0.0000
woltka	38	0.7413	0.0132	12.1259	0.7483	0.0264	84.2105	0.0000

# Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 0.1)

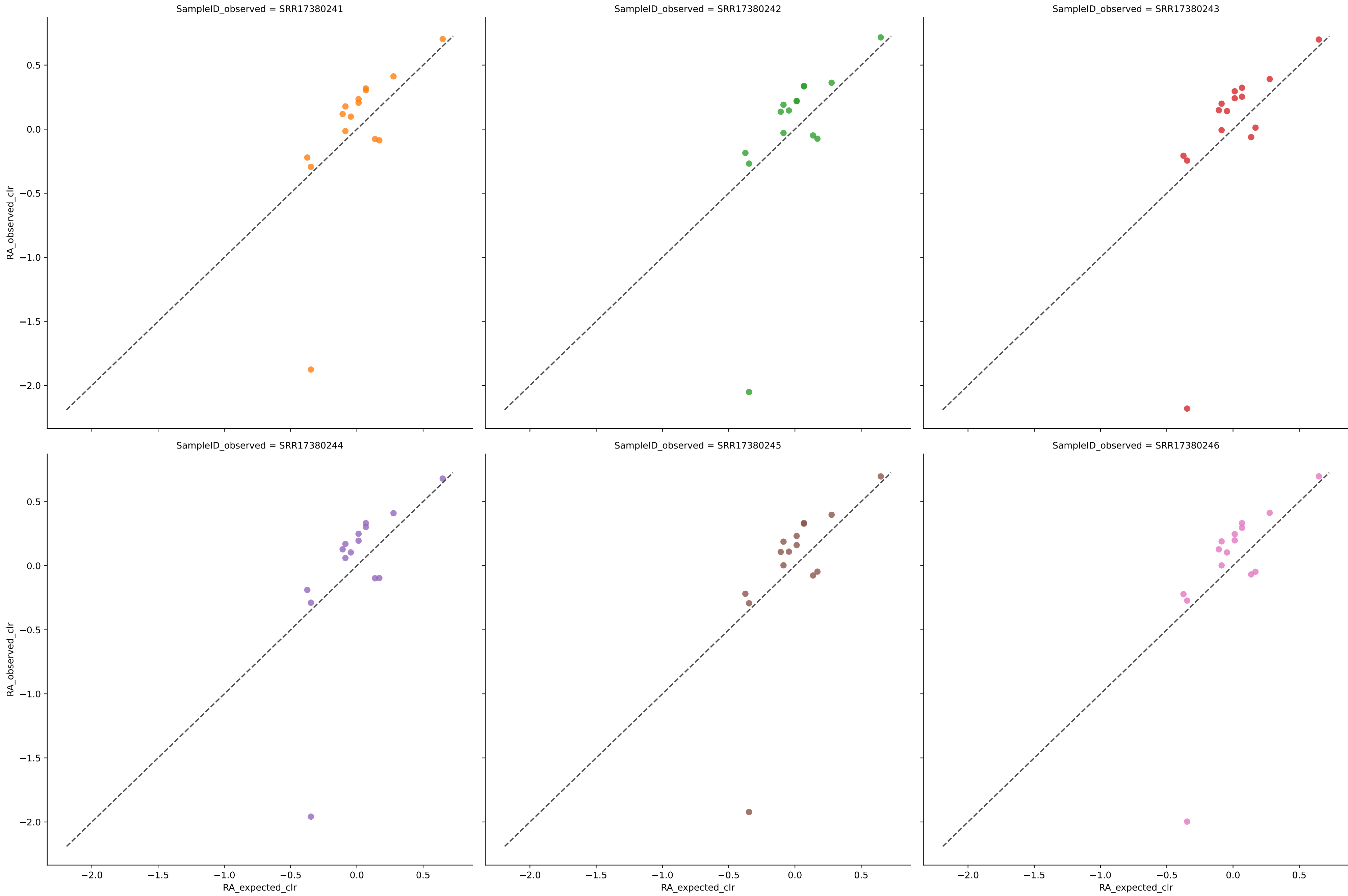


Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 0.1)



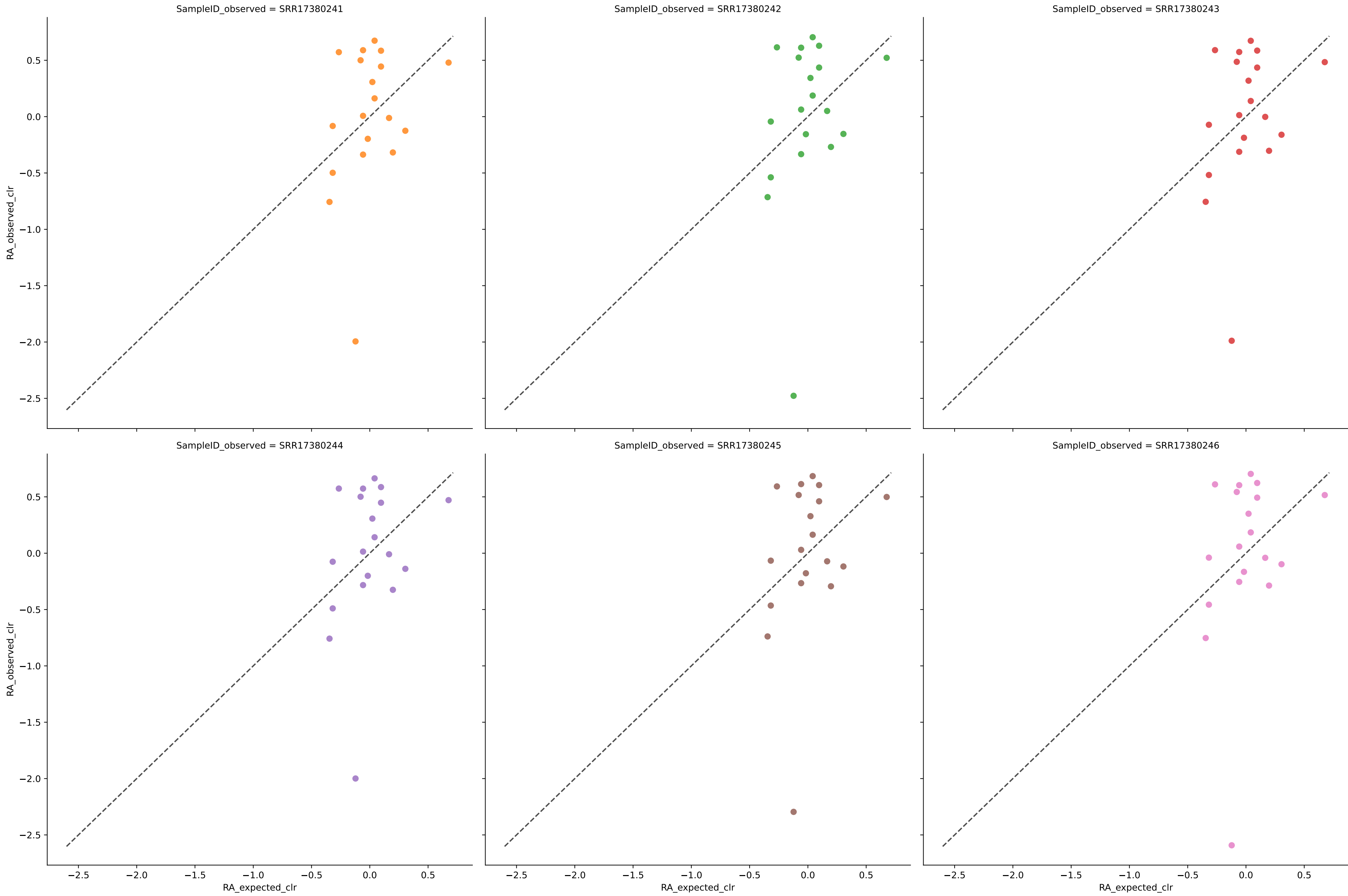
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
bio4	21	0.9604	0.0072	2.4406	0.9246	0.0190	95.2381	0.0000
jams	21	0.9428	0.0107	4.0141	0.8878	0.0198	90.4762	0.0000
wgsa	21	0.6668	0.0190	2.8763	0.8000	0.0476	95.2381	0.0000
woltka	23	0.7207	0.0251	11.7855	0.7119	0.0429	76.1905	23.5490

Expected vs. Observed Relative Abundance for species using bio4 in Experiment toulouse with filter 0.1



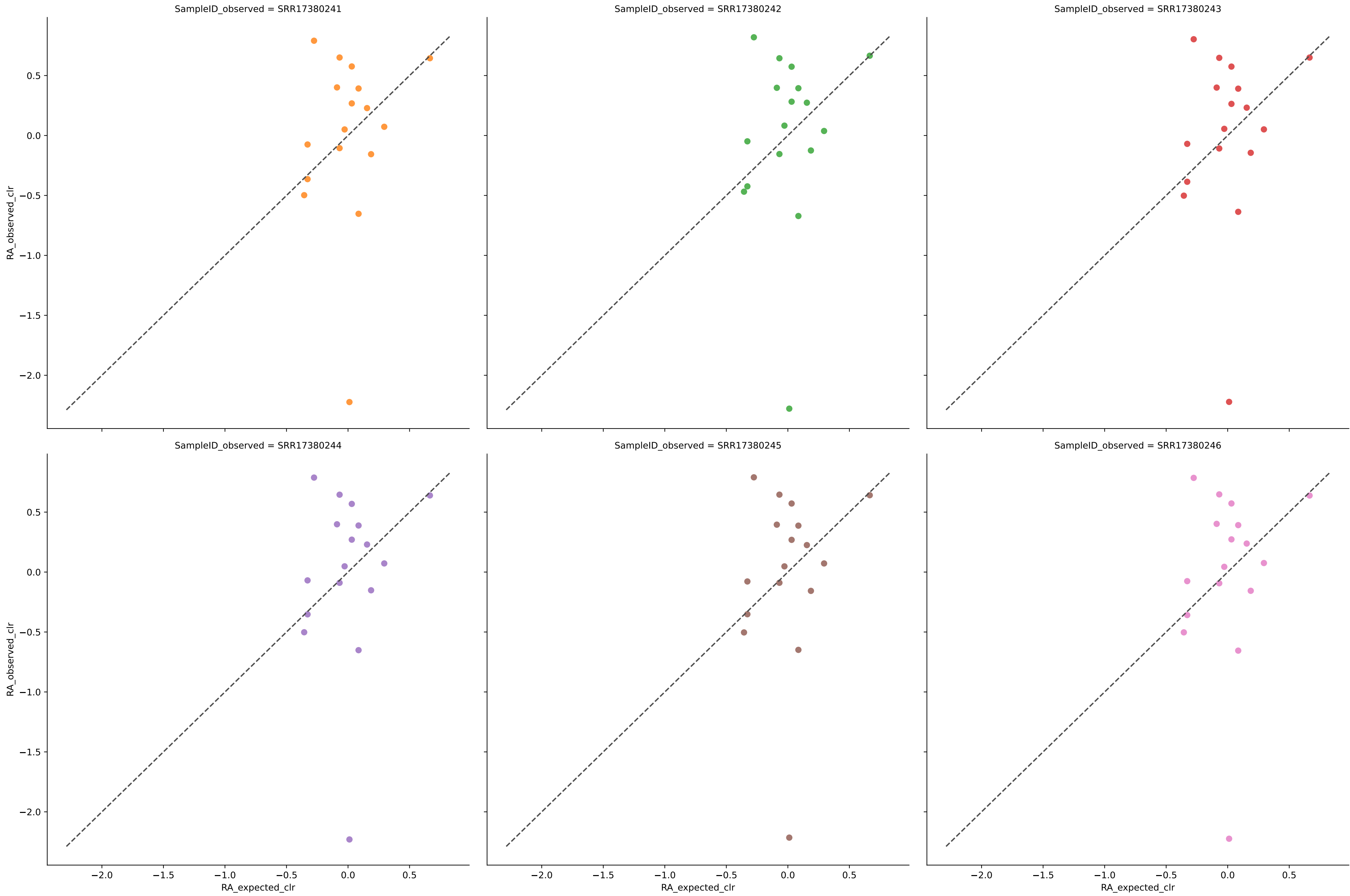
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	15	0.6580	0.0019	1.6881	0.9116	0.0024	100.0000	0.0000
SRR17380242	15	0.6413	0.0019	1.8598	0.9118	0.0024	100.0000	0.0000
SRR17380243	15	0.6410	0.0019	1.9753	0.9122	0.0024	100.0000	0.0000
SRR17380244	15	0.6213	0.0020	1.7771	0.9067	0.0025	100.0000	0.0000
SRR17380245	15	0.6560	0.0019	1.7266	0.9123	0.0024	100.0000	0.0000
SRR17380246	15	0.6525	0.0019	1.7985	0.9126	0.0024	100.0000	0.0000
Average	15	0.6450	0.0019	1.8042	0.9112	0.0024	100.0000	0.0000

Expected vs. Observed Relative Abundance for species using jams in Experiment tourlousse with filter 0.1



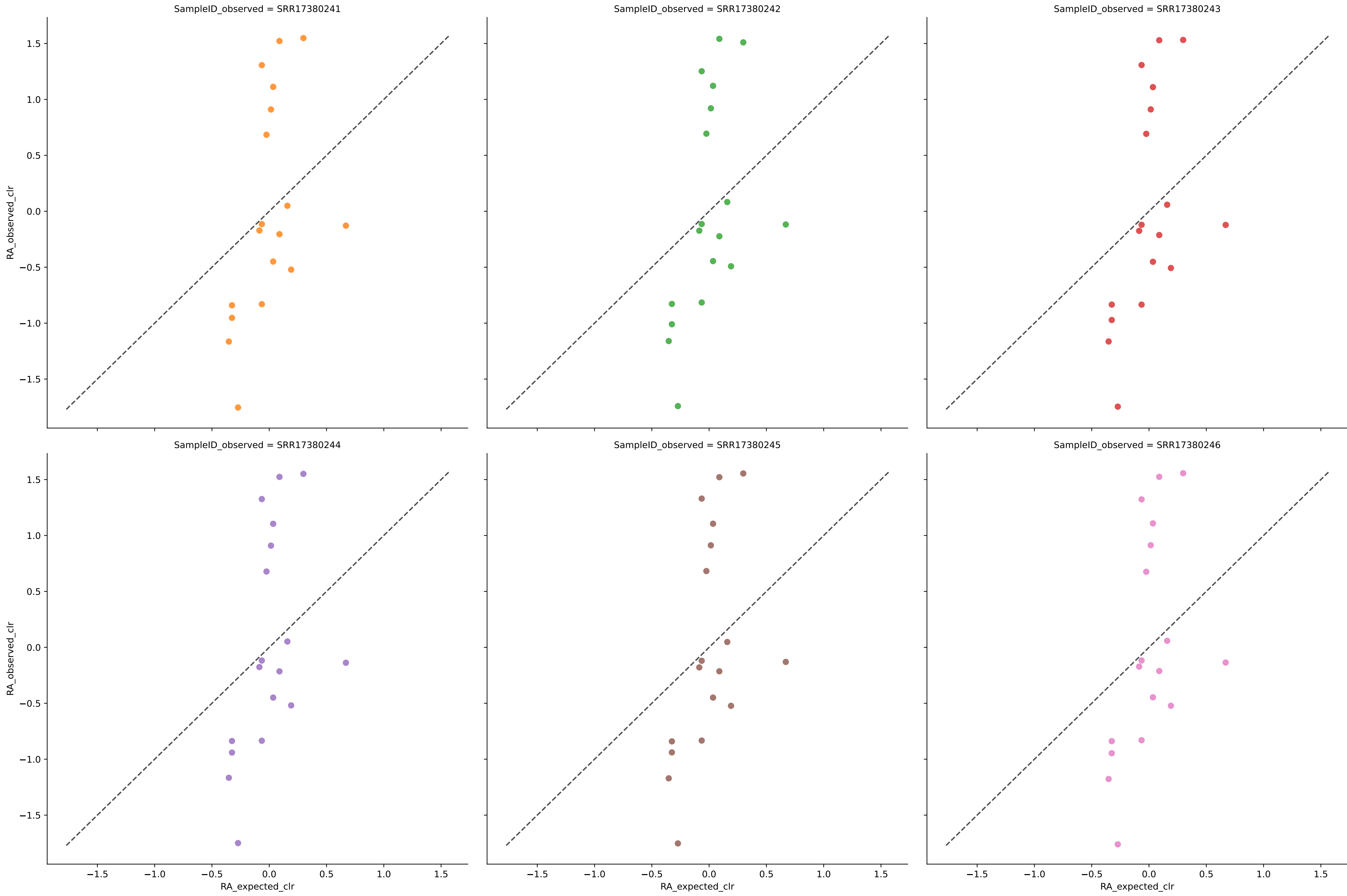
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	19	0.0708	0.0034	2.5904	0.8054	0.0040	100.0000	0.0000
SRR17380242	19	0.0721	0.0034	2.9884	0.8043	0.0040	100.0000	0.0000
SRR17380243	19	0.0698	0.0034	2.5858	0.8058	0.0040	100.0000	0.0000
SRR17380244	19	0.0677	0.0034	2.5877	0.8063	0.0040	100.0000	0.0000
SRR17380245	19	0.0672	0.0034	2.8284	0.8038	0.0040	100.0000	0.0000
SRR17380246	19	0.0686	0.0035	3.0816	0.8026	0.0040	100.0000	0.0000
Average	19	0.0694	0.0034	2.7771	0.8047	0.0040	100.0000	0.0000

Expected vs. Observed Relative Abundance for species using wgsa in Experiment tourlousse with filter 0.1



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	17	0.0590	0.0036	2.8548	0.8164	0.0047	100.0000	0.0000
SRR17380242	17	0.0604	0.0036	2.9179	0.8151	0.0047	100.0000	0.0000
SRR17380243	17	0.0587	0.0036	2.8541	0.8161	0.0047	100.0000	0.0000
SRR17380244	17	0.0580	0.0036	2.8556	0.8173	0.0047	100.0000	0.0000
SRR17380245	17	0.0584	0.0036	2.8434	0.8174	0.0047	100.0000	0.0000
SRR17380246	17	0.0586	0.0036	2.8533	0.8169	0.0047	100.0000	0.0000
Average	17	0.0588	0.0036	2.8632	0.8165	0.0047	100.0000	0.0000

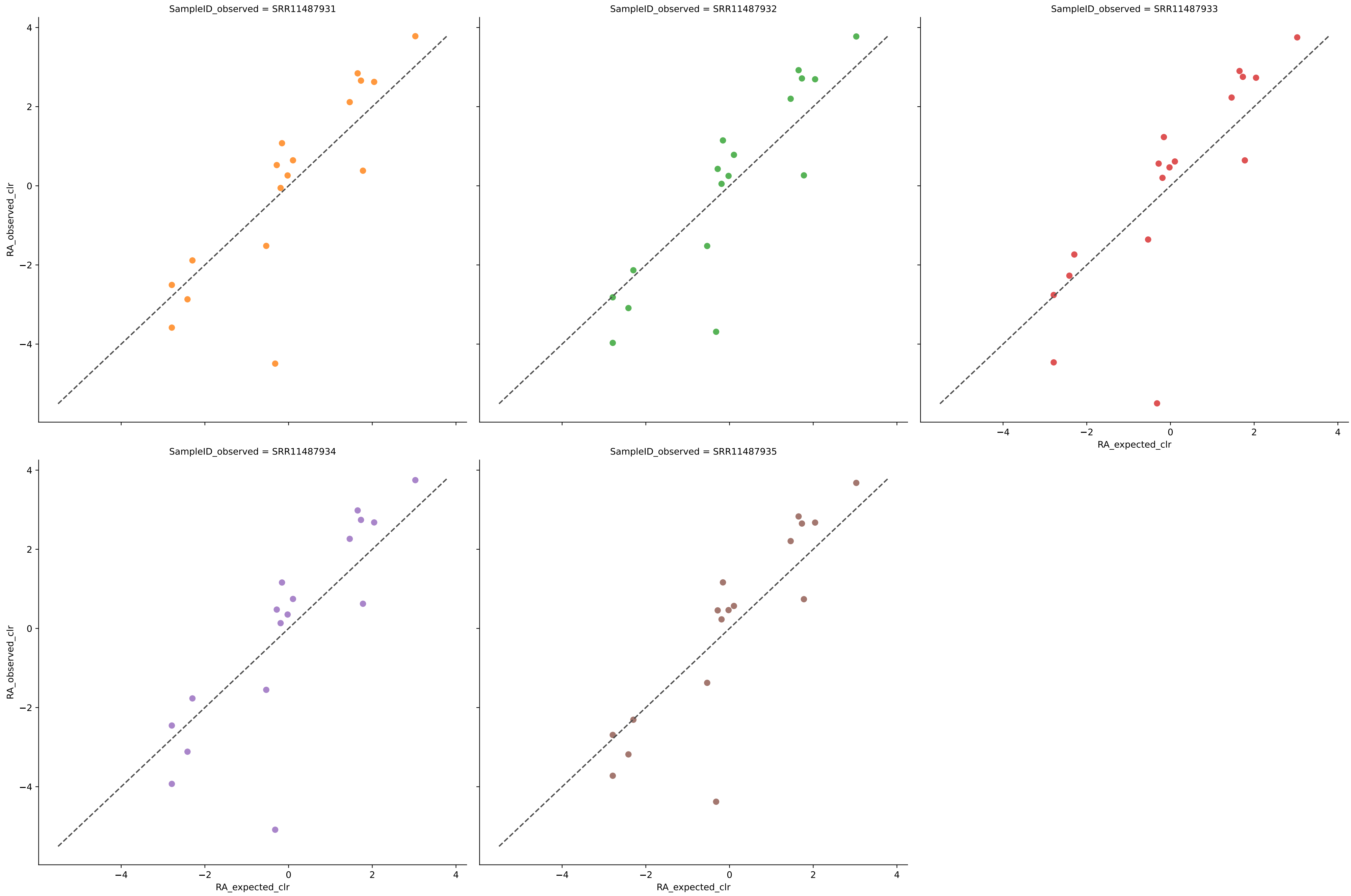
Expected vs. Observed Relative Abundance for species using woltka in Experiment tourlousse with filter 0.1



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	18	0.0578	0.0072	3.6808	0.6112	0.0085	100.0000	0.0000
SRR17380242	18	0.0587	0.0071	3.6547	0.6145	0.0083	100.0000	0.0000
SRR17380243	18	0.0573	0.0072	3.6761	0.6116	0.0084	100.0000	0.0000
SRR17380244	18	0.0566	0.0072	3.6851	0.6103	0.0085	100.0000	0.0000
SRR17380245	18	0.0569	0.0072	3.6902	0.6098	0.0085	100.0000	0.0000
SRR17380246	18	0.0572	0.0072	3.6944	0.6102	0.0085	100.0000	0.0000
Average	18	0.0574	0.0072	3.6802	0.6113	0.0084	100.0000	0.0000

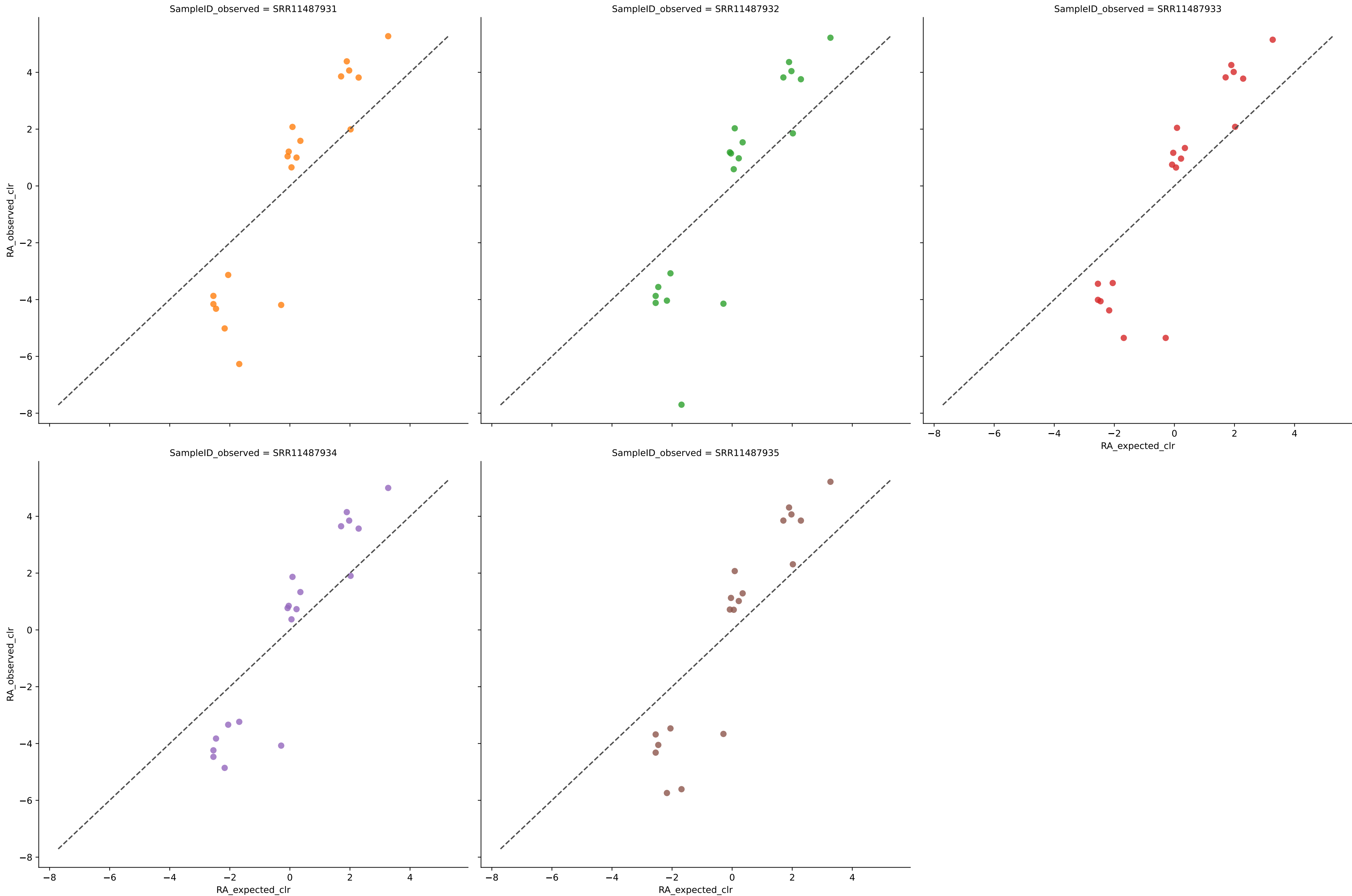


Expected vs. Observed Relative Abundance for species using bio4 in Experiment Amos hilo with filter 0.1



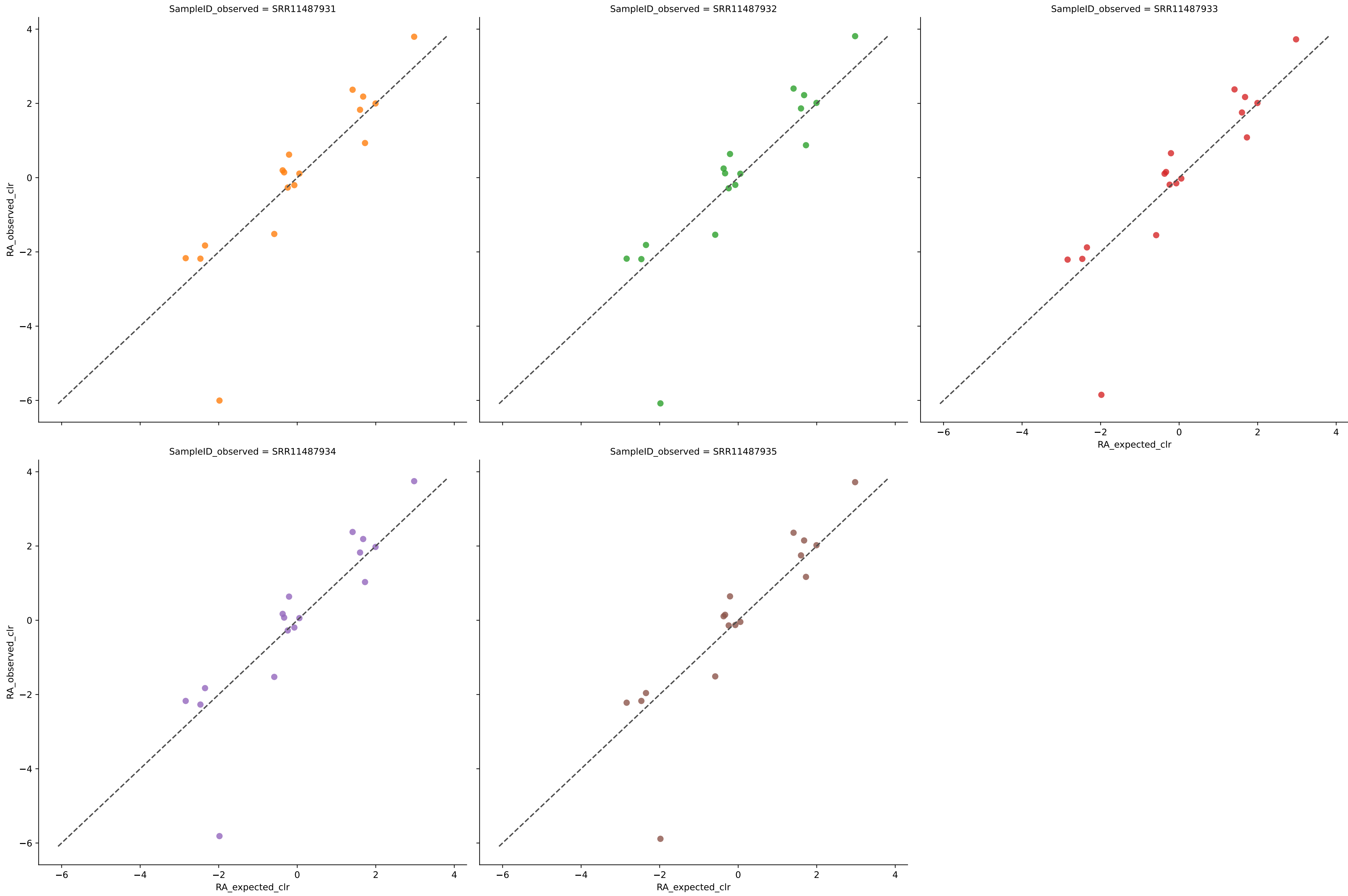
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	17	0.9142	0.0034	5.2528	0.8568	0.0060	100.0000	0.0000
SRR11487932	17	0.9028	0.0033	4.8354	0.8611	0.0062	100.0000	0.0000
SRR11487933	17	0.9066	0.0030	6.2762	0.8715	0.0058	100.0000	0.0000
SRR11487934	17	0.8944	0.0032	5.8814	0.8633	0.0062	100.0000	0.0000
SRR11487935	17	0.9113	0.0029	5.1244	0.8773	0.0056	100.0000	0.0000
Average	17	0.9059	0.0032	5.4740	0.8660	0.0060	100.0000	0.0000

Expected vs. Observed Relative Abundance for species using jams in Experiment Amos hilo with filter 0.1



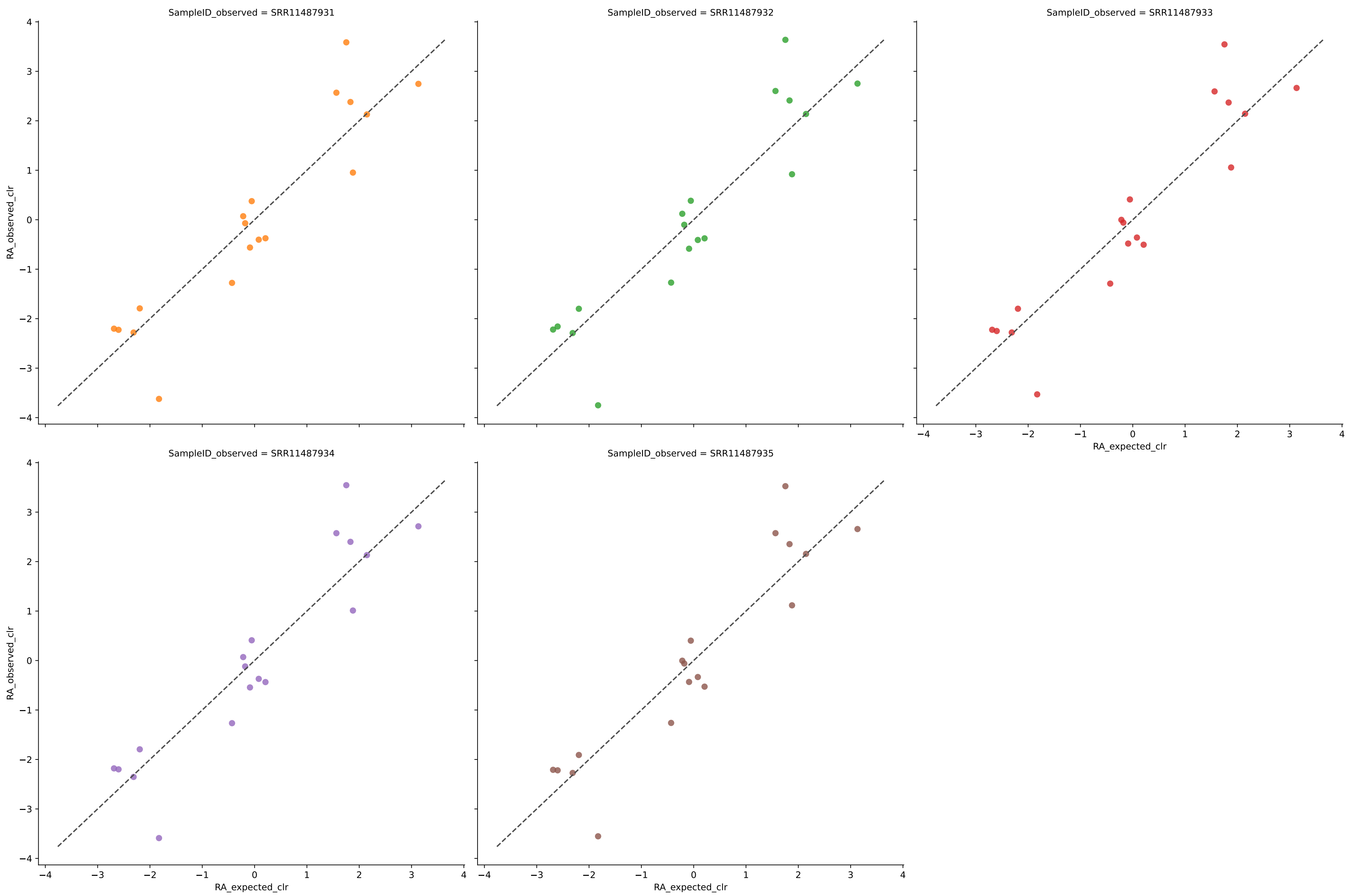
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	19	0.9021	0.0041	9.1725	0.8070	0.0067	100.0000	0.0000
SRR11487932	19	0.8961	0.0041	9.5318	0.8045	0.0068	100.0000	0.0000
SRR11487933	19	0.9069	0.0039	8.8944	0.8142	0.0063	100.0000	0.0000
SRR11487934	19	0.8996	0.0040	7.5502	0.8085	0.0066	94.7368	0.0000
SRR11487935	19	0.9133	0.0038	8.8004	0.8171	0.0062	100.0000	0.0000
Average	19	0.9036	0.0040	8.7899	0.8103	0.0065	98.9474	0.0000

Expected vs. Observed Relative Abundance for species using wgsa in Experiment Amos hilo with filter 0.1



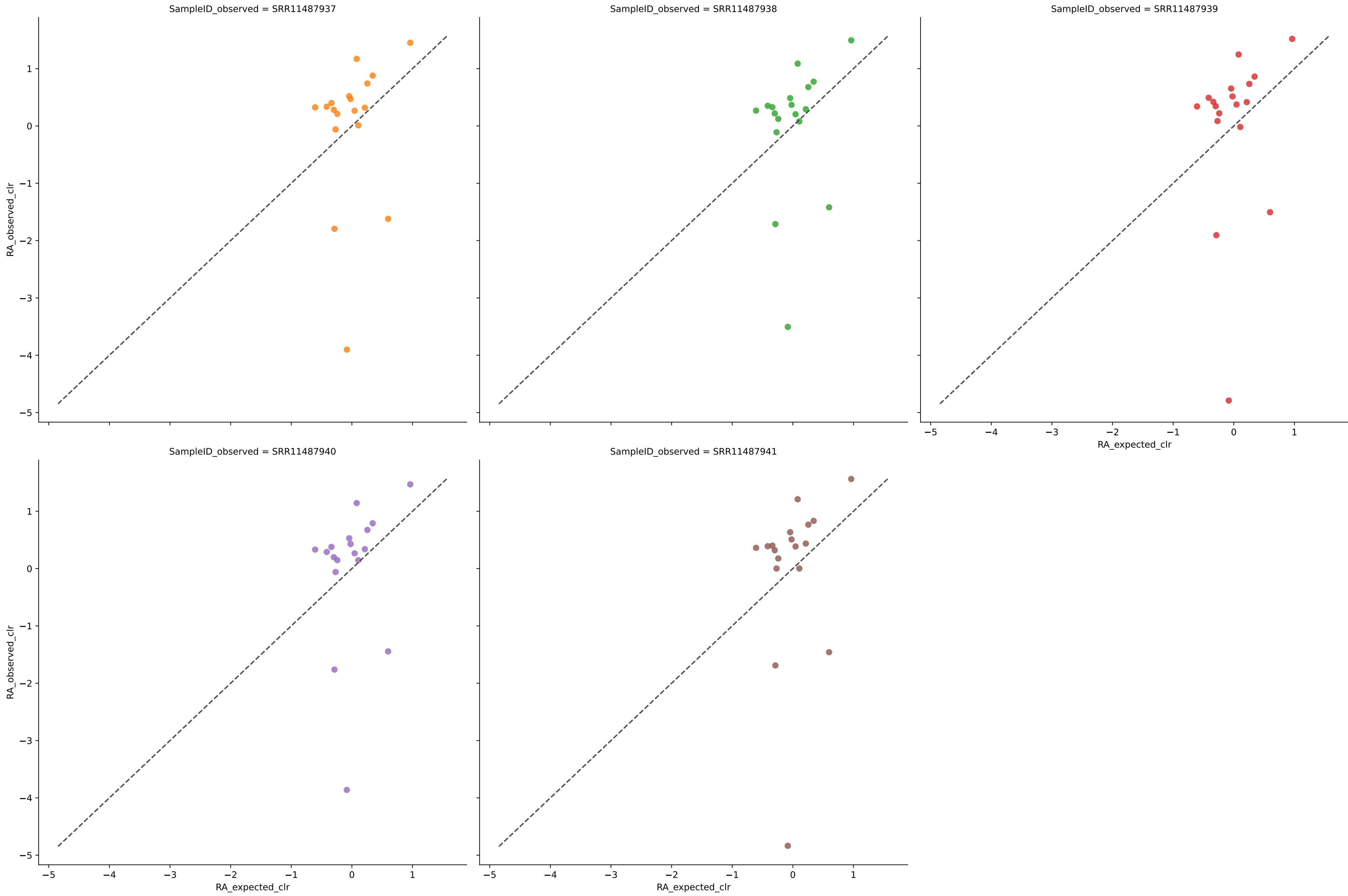
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	17	0.9122	0.0044	4.6517	0.8125	0.0085	100.0000	0.0000
SRR11487932	17	0.9108	0.0044	4.7533	0.8110	0.0084	100.0000	0.0000
SRR11487933	17	0.9187	0.0042	4.4721	0.8209	0.0077	100.0000	0.0000
SRR11487934	17	0.9158	0.0043	4.4548	0.8172	0.0079	100.0000	0.0000
SRR11487935	17	0.9223	0.0041	4.4669	0.8255	0.0076	100.0000	0.0000
Average	17	0.9160	0.0043	4.5598	0.8174	0.0080	100.0000	0.0000

Expected vs. Observed Relative Abundance for species using wol in Experiment Amos hilo with filter 0.1



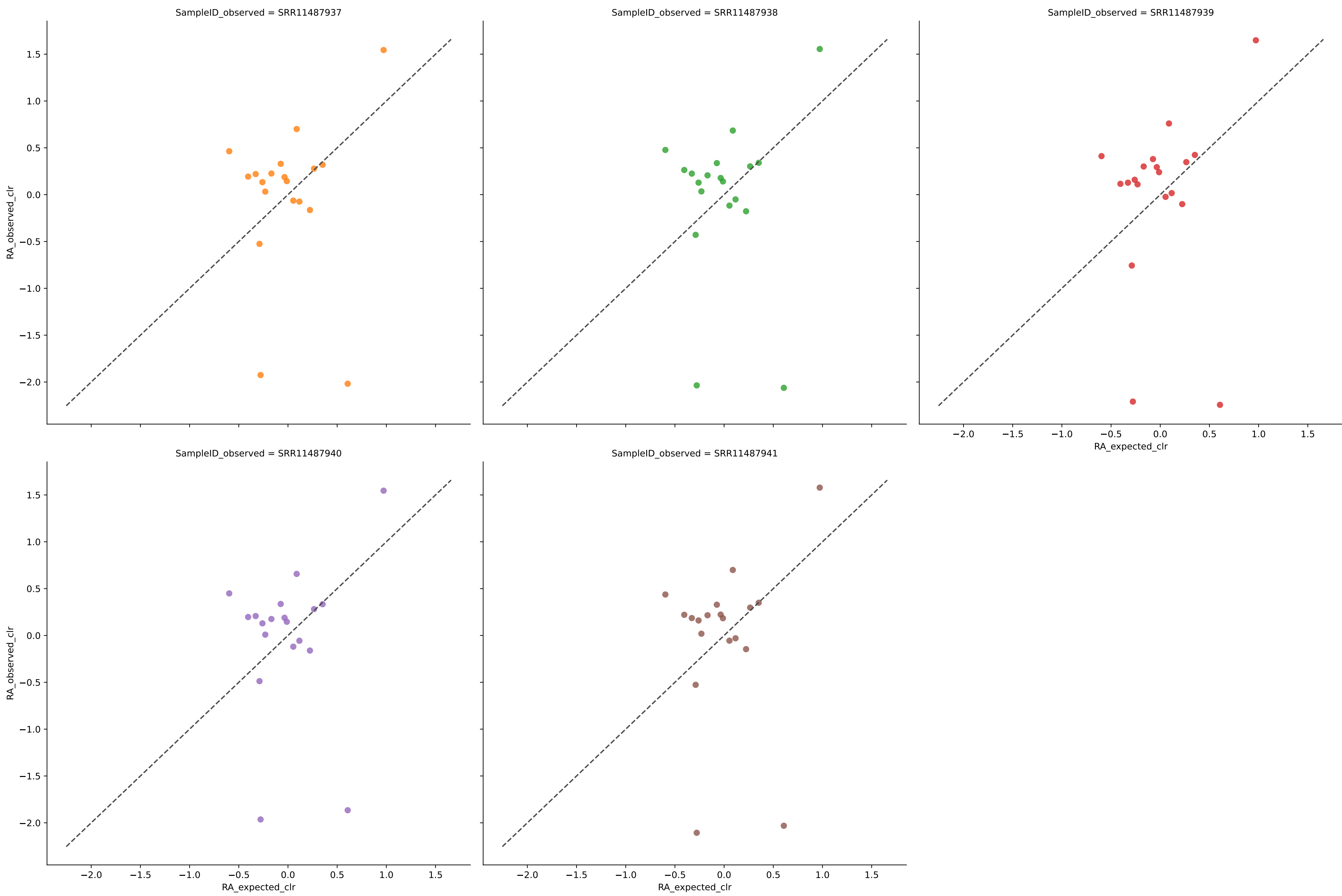
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	18	0.2914	0.0083	3.3507	0.6248	0.0177	100.0000	0.0000
SRR11487932	18	0.2756	0.0085	3.4846	0.6160	0.0181	100.0000	0.0000
SRR11487933	18	0.2816	0.0084	3.2745	0.6226	0.0177	100.0000	0.0000
SRR11487934	18	0.2963	0.0083	3.3150	0.6261	0.0175	100.0000	0.0000
SRR11487935	18	0.2883	0.0083	3.2343	0.6285	0.0176	100.0000	0.0000
Average	18	0.2866	0.0084	3.3318	0.6236	0.0177	100.0000	0.0000

Expected vs. Observed Relative Abundance for species using bio4 in Experiment Amos mixed with filter 0.1



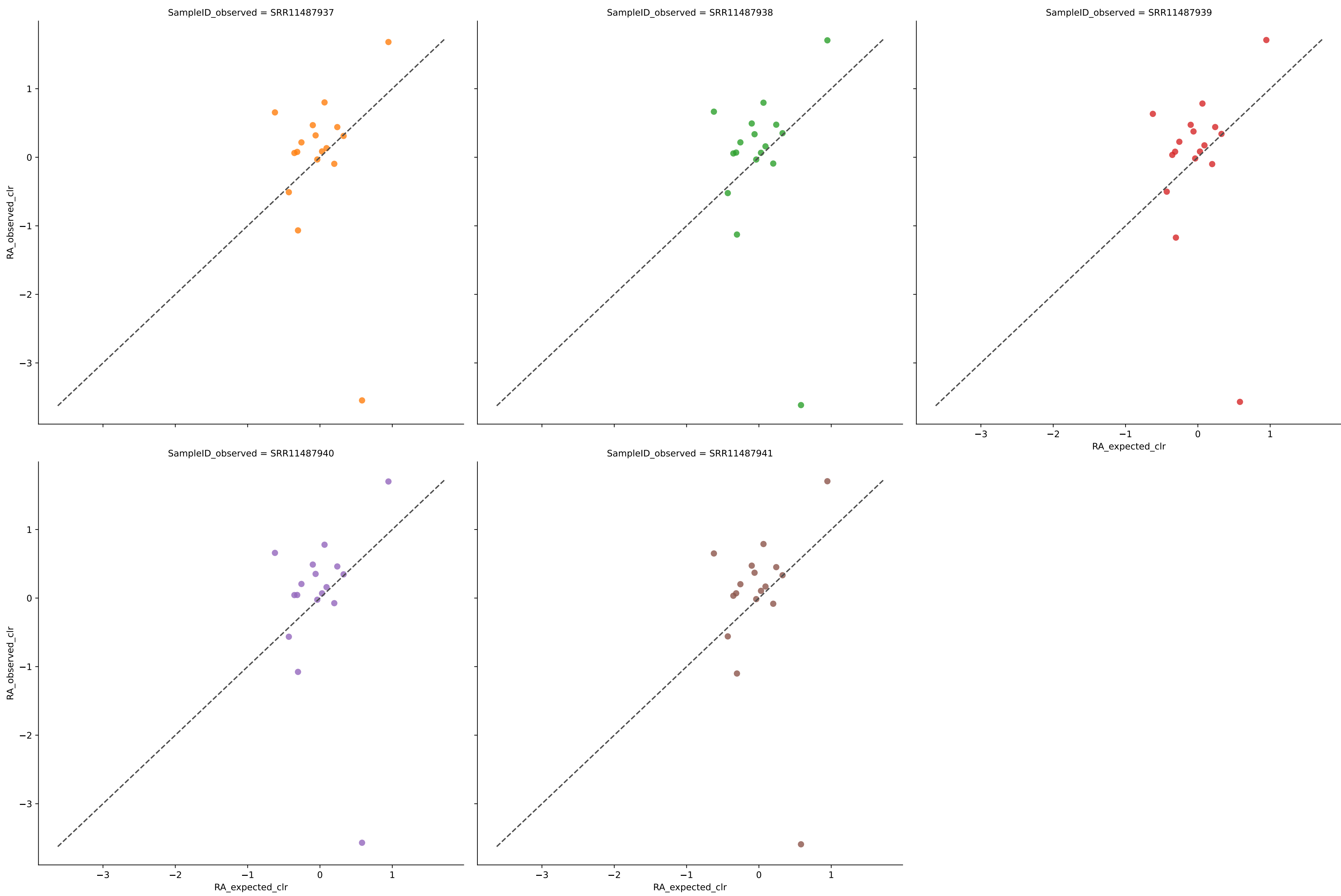
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	18	0.2996	0.0047	5.1875	0.7896	0.0063	100.0000	0.0000
SRR11487938	18	0.3547	0.0045	4.7066	0.7951	0.0062	100.0000	0.0000
SRR11487939	18	0.2928	0.0046	5.9450	0.7933	0.0063	100.0000	0.0000
SRR11487940	18	0.3277	0.0044	5.0307	0.8012	0.0061	100.0000	0.0000
SRR11487941	18	0.3332	0.0045	5.8823	0.7954	0.0063	100.0000	0.0000
Average	18	0.3216	0.0045	5.3504	0.7949	0.0062	100.0000	0.0000

Expected vs. Observed Relative Abundance for species using jams in Experiment Amos mixed with filter 0.1



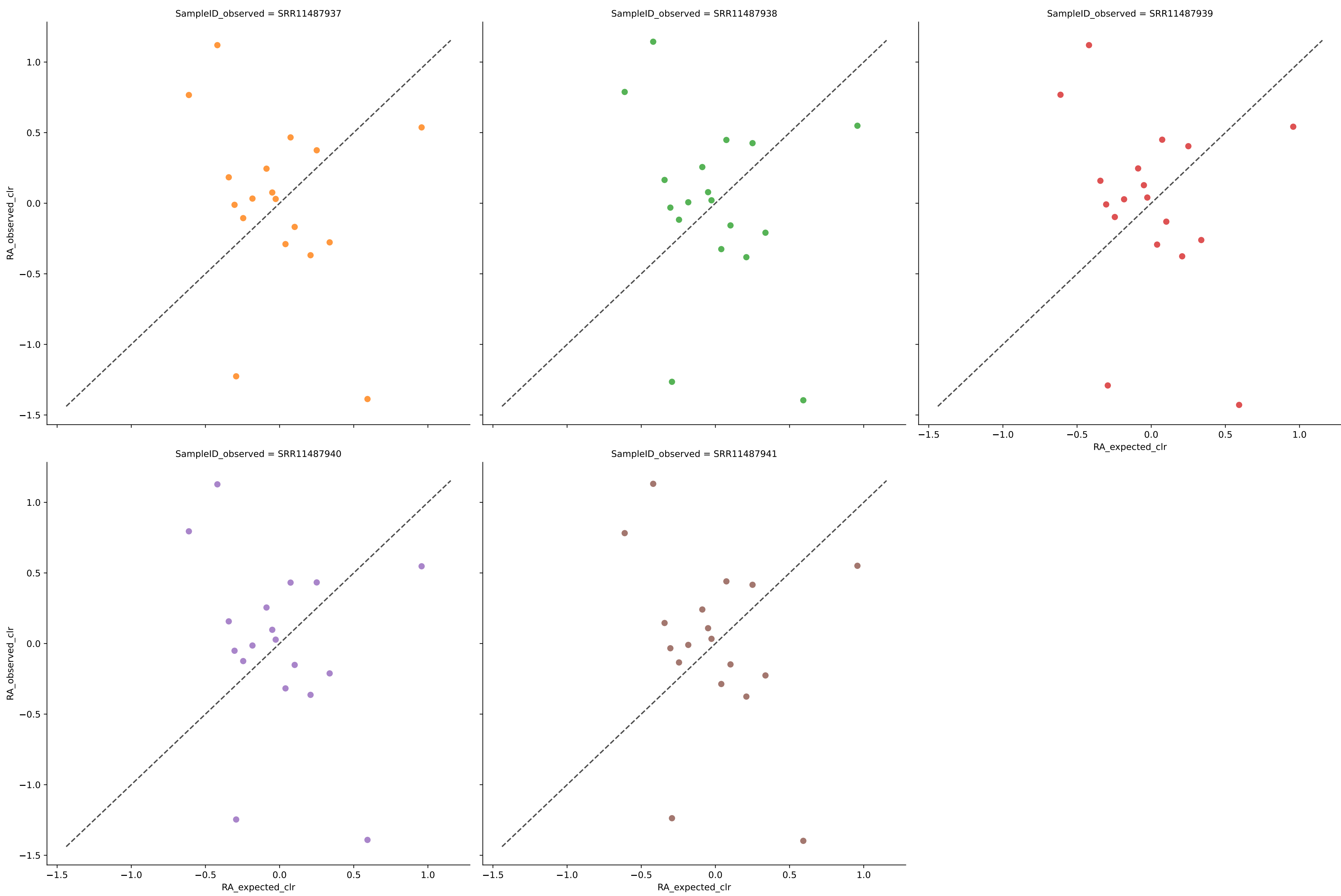
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	19	0.3708	0.0043	3.6003	0.7947	0.0060	100.0000	0.0000
SRR11487938	19	0.3682	0.0044	3.6950	0.7941	0.0061	100.0000	0.0000
SRR11487939	19	0.4162	0.0042	3.9369	0.7974	0.0060	100.0000	0.0000
SRR11487940	19	0.3834	0.0043	3.4885	0.7968	0.0060	100.0000	0.0000
SRR11487941	19	0.3887	0.0043	3.6944	0.7964	0.0060	100.0000	0.0000
Average	19	0.3854	0.0043	3.6830	0.7959	0.0060	100.0000	0.0000

Expected vs. Observed Relative Abundance for species using wgsa in Experiment Amos mixed with filter 0.1



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	17	0.3833	0.0051	4.6362	0.7822	0.0074	100.0000	0.0000
SRR11487938	17	0.3924	0.0051	4.7186	0.7819	0.0075	100.0000	0.0000
SRR11487939	17	0.3983	0.0051	4.6751	0.7817	0.0075	100.0000	0.0000
SRR11487940	17	0.3953	0.0051	4.6599	0.7834	0.0074	100.0000	0.0000
SRR11487941	17	0.3961	0.0051	4.6848	0.7831	0.0074	100.0000	0.0000
Average	17	0.3931	0.0051	4.6749	0.7825	0.0074	100.0000	0.0000

Expected vs. Observed Relative Abundance for species using wol in Experiment Amos mixed with filter 0.1



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	18	0.0234	0.0058	3.2948	0.7370	0.0084	100.0000	0.0000
SRR11487938	18	0.0204	0.0058	3.3182	0.7368	0.0085	100.0000	0.0000
SRR11487939	18	0.0221	0.0058	3.3334	0.7371	0.0084	100.0000	0.0000
SRR11487940	18	0.0196	0.0058	3.2964	0.7391	0.0084	100.0000	0.0000
SRR11487941	18	0.0193	0.0057	3.2935	0.7402	0.0084	100.0000	0.0000
Average	18	0.0210	0.0058	3.3073	0.7380	0.0084	100.0000	0.0000