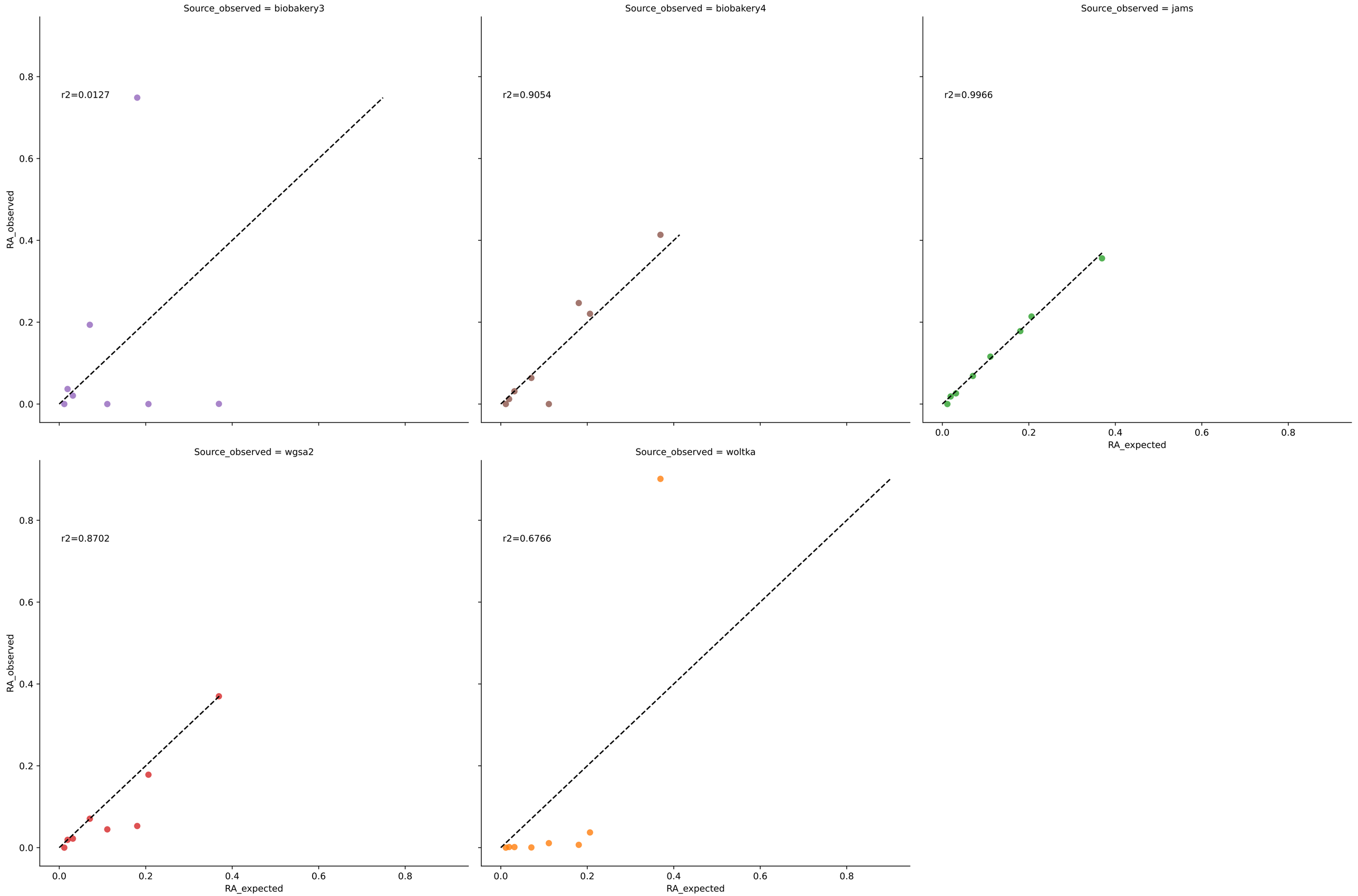
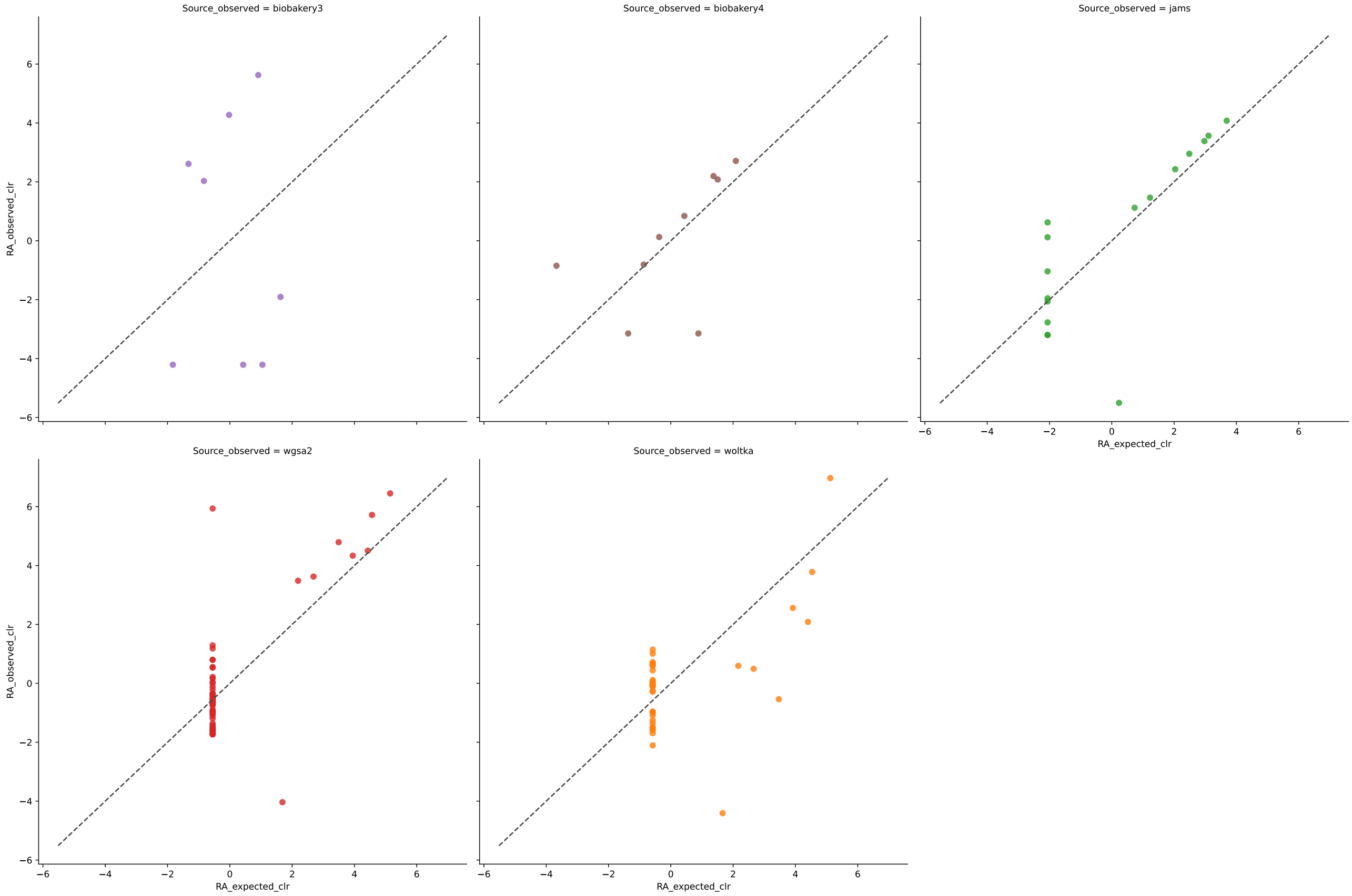
Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0.0001)

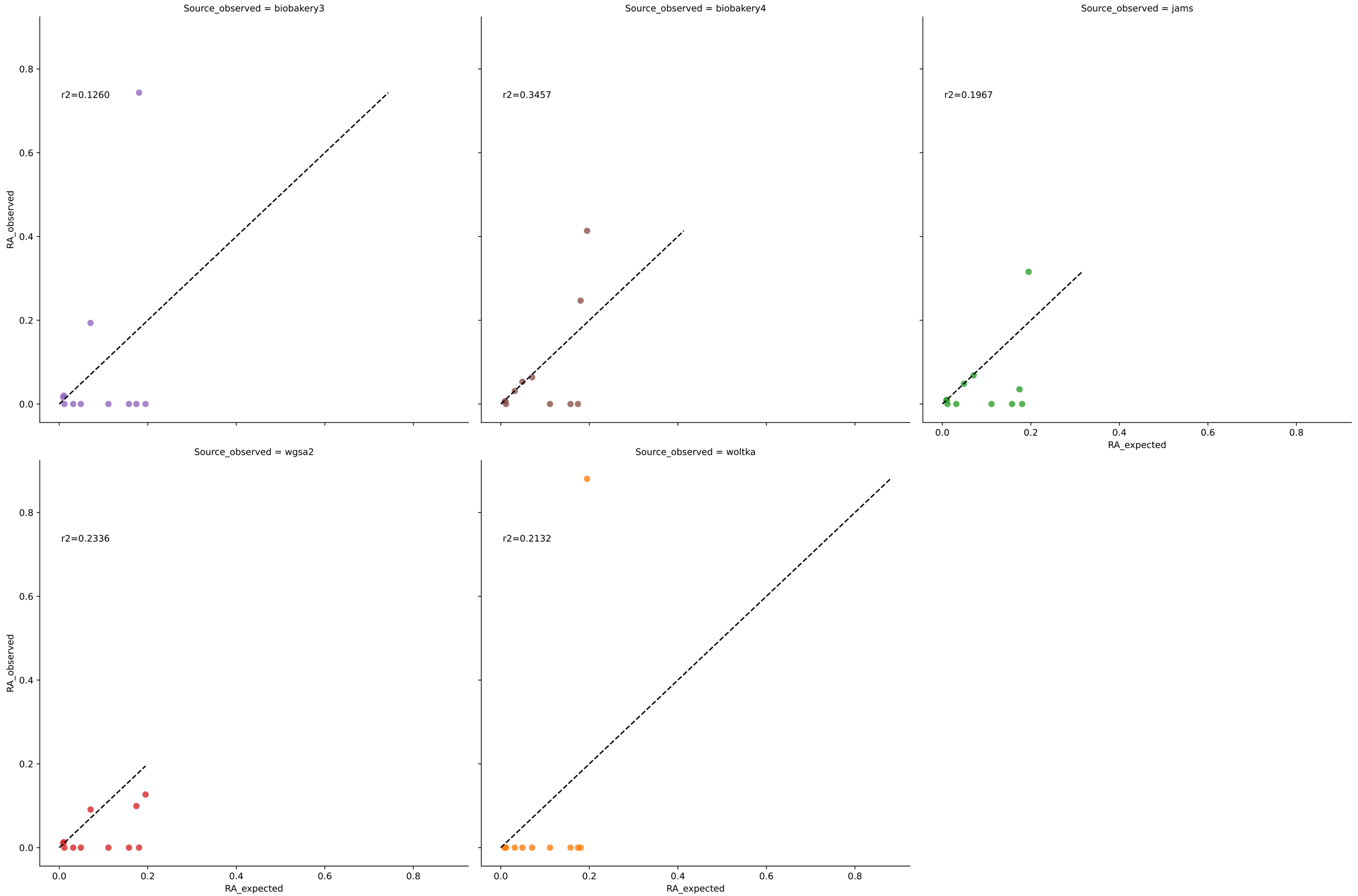


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0.0001)

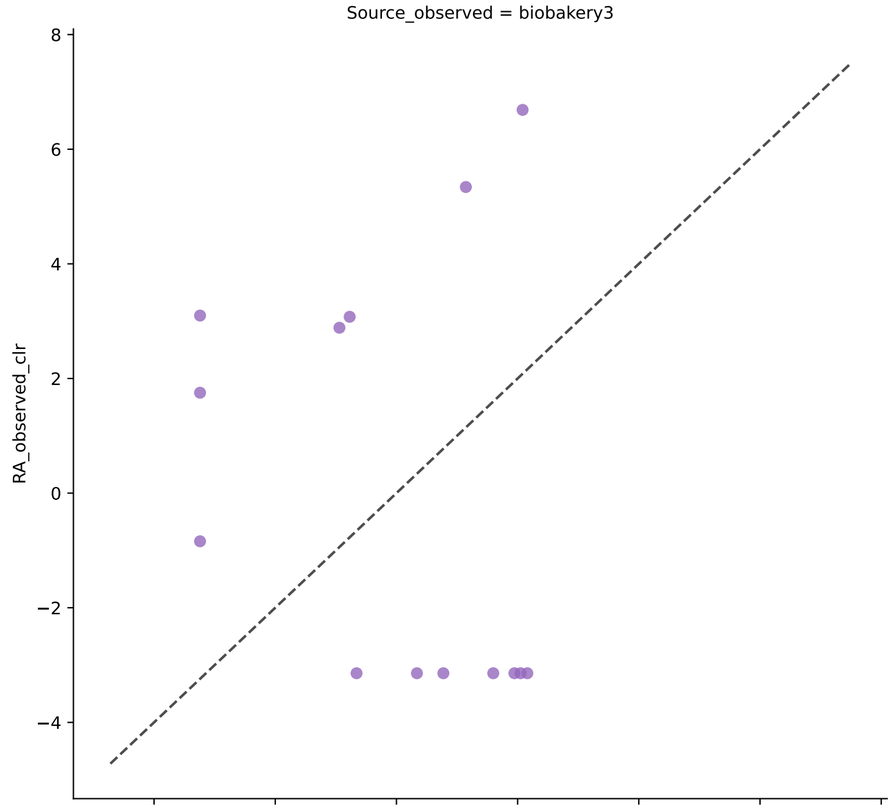


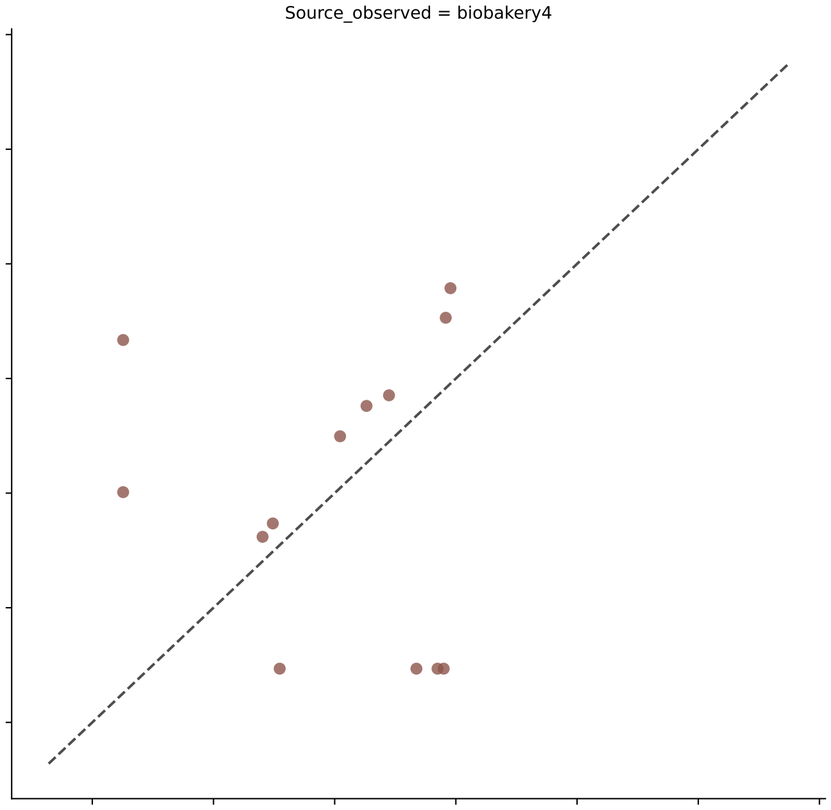
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.0127	0.1772	11.4763	0.2912	0.2573	62.5000	0.0000
biobakery4	9	0.9054	0.0304	5.4066	0.8631	0.0463	75.0000	1.1781
jams	16	0.9967	0.0044	7.0785	0.9649	0.0062	87.5000	1.5896
wgsa2	59	0.6944	0.0082	10.7357	0.7567	0.0346	87.5000	2.0940
woltka	56	0.6253	0.0204	10.1823	0.4276	0.0800	87.5000	4.0480

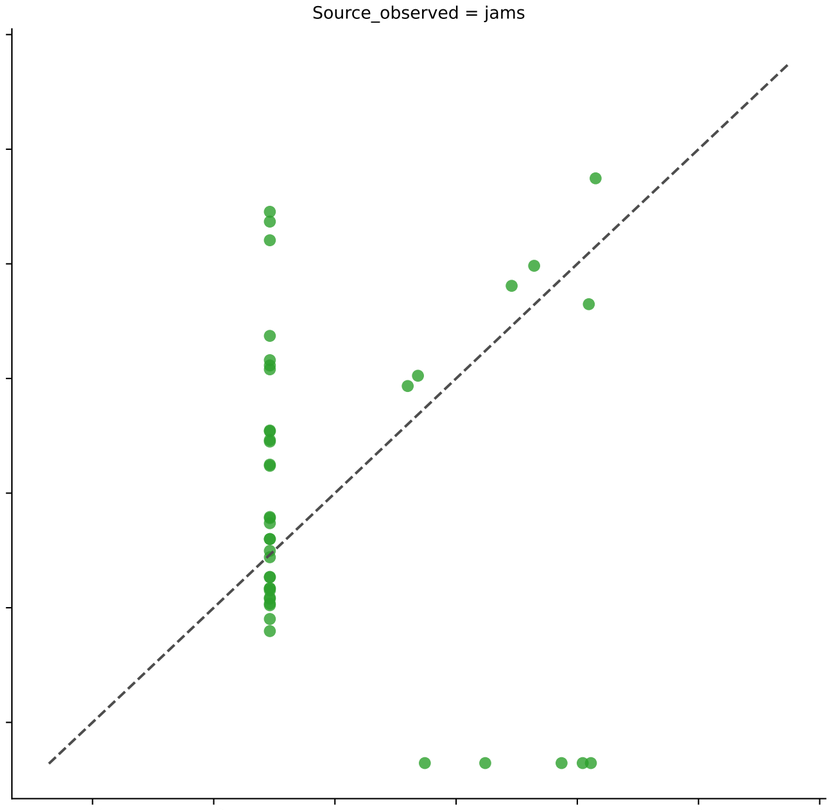
Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0.0001)

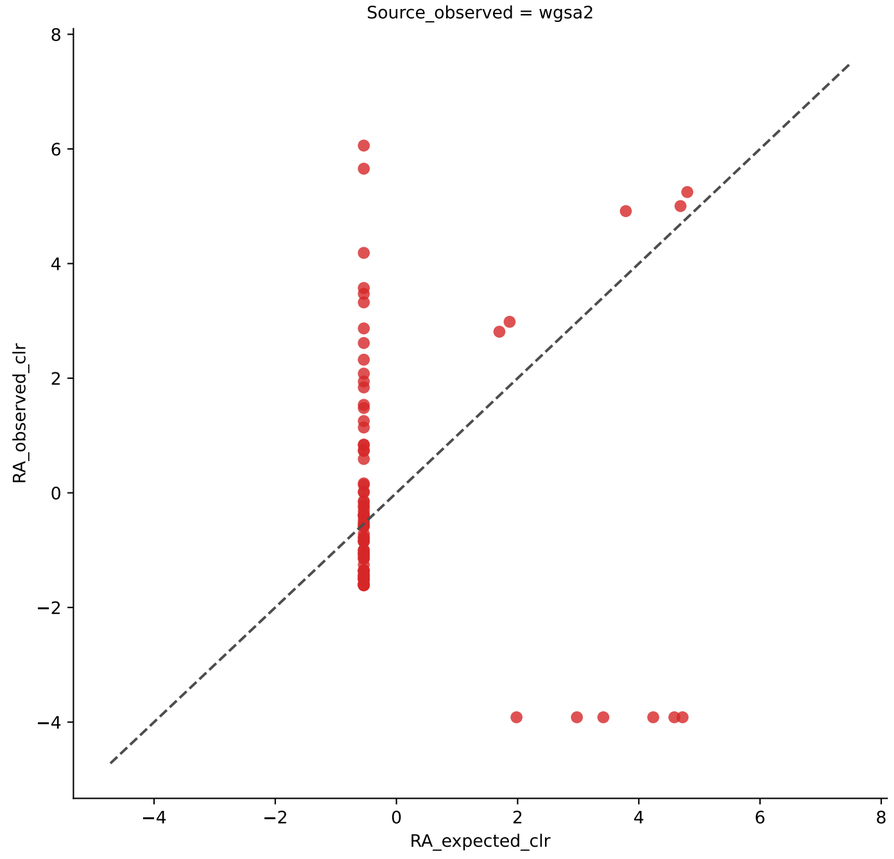


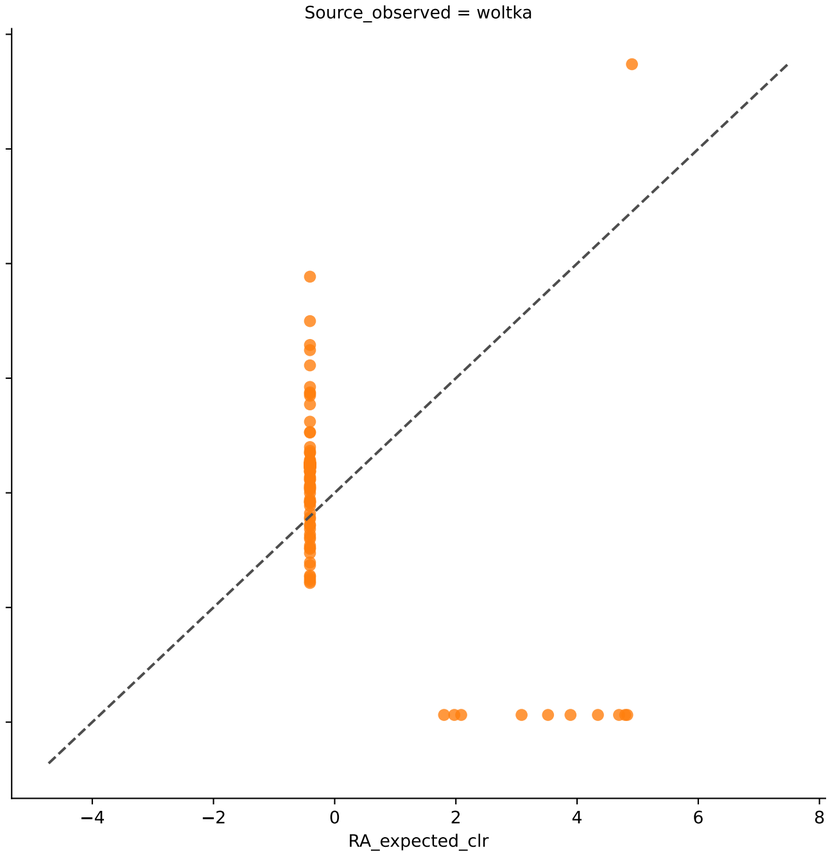
Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0.0001)





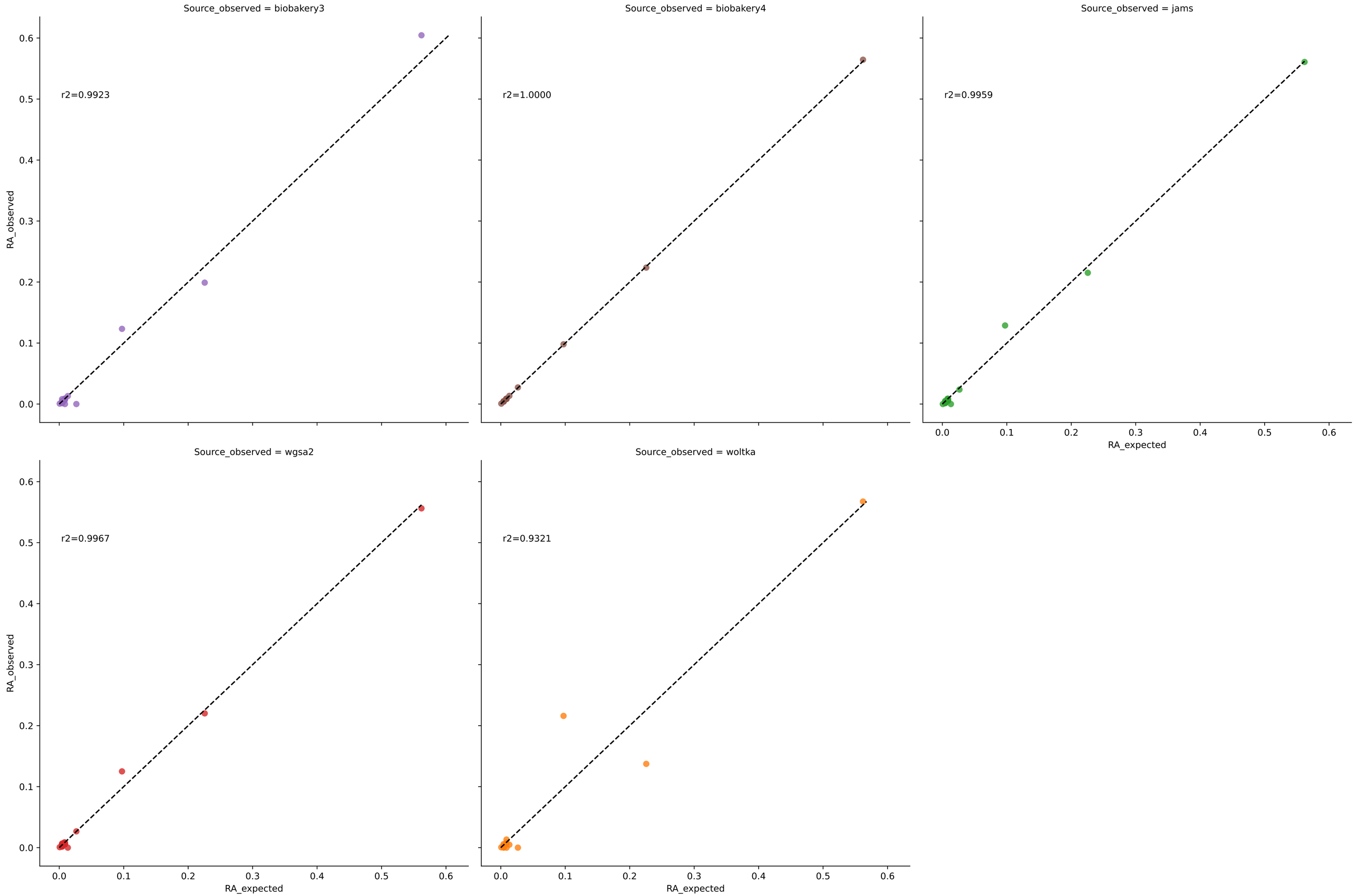




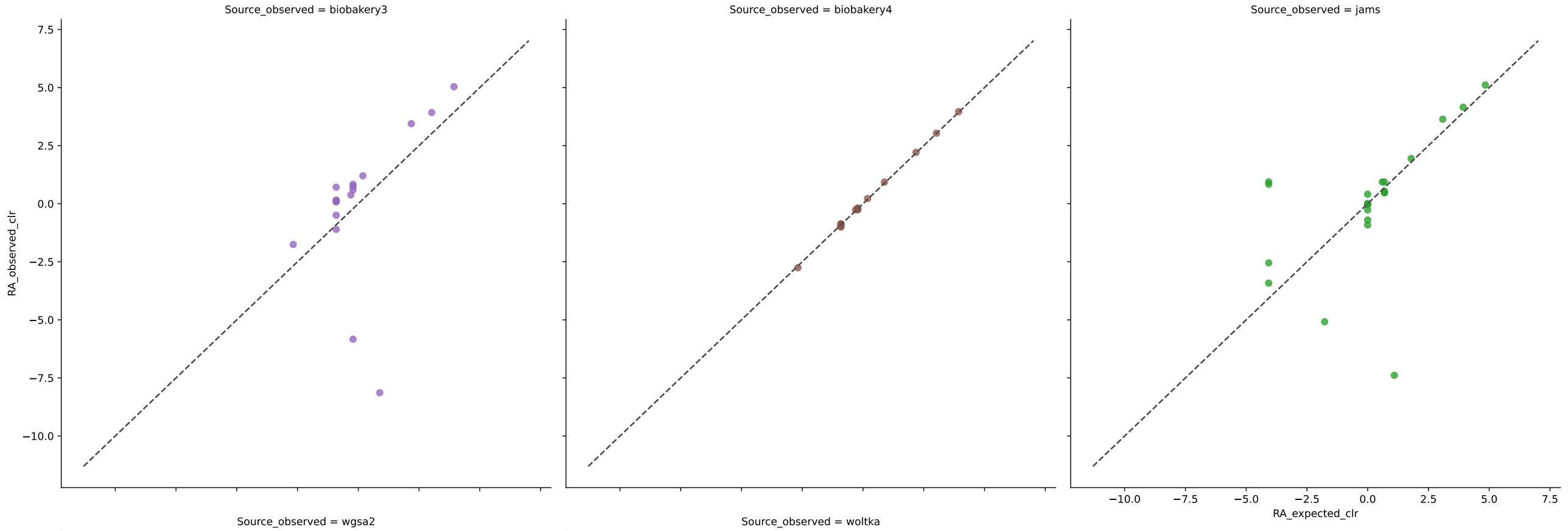


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	14	0.1501	0.1043	16.6180	0.2702	0.1776	36.3636	2.6303
biobakery4	13	0.2384	0.0721	11.3065	0.5313	0.1068	63.6364	17.9266
jams	42	0.1427	0.0302	22.3681	0.3656	0.0637	54.5455	50.0438
wgsa2	83	0.0693	0.0165	24.4673	0.3159	0.0497	45.4545	37.3443
woltka	109	0.2502	0.0148	26.4484	0.1949	0.0729	9.0909	11.9647

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

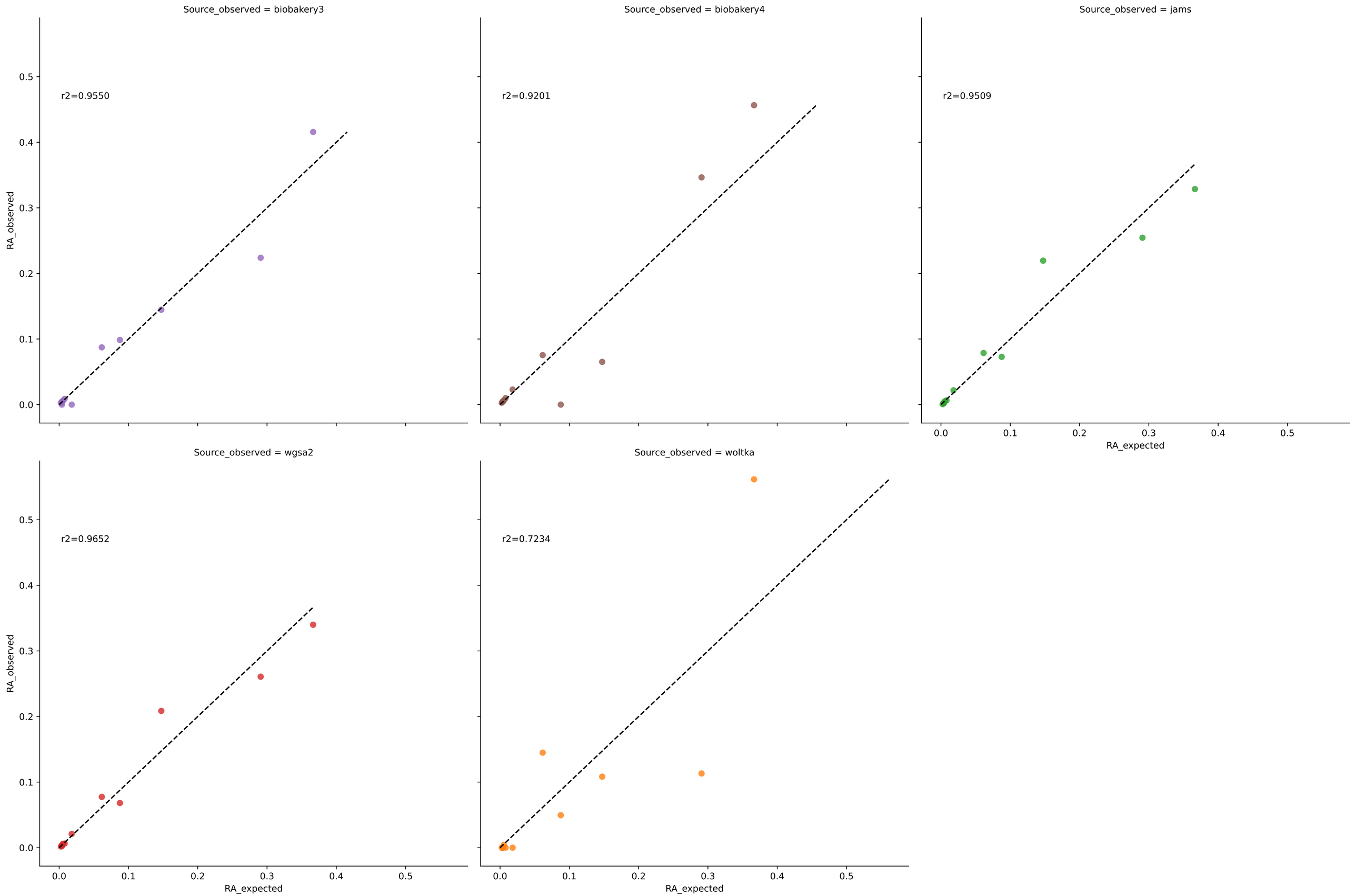


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 0.0001)

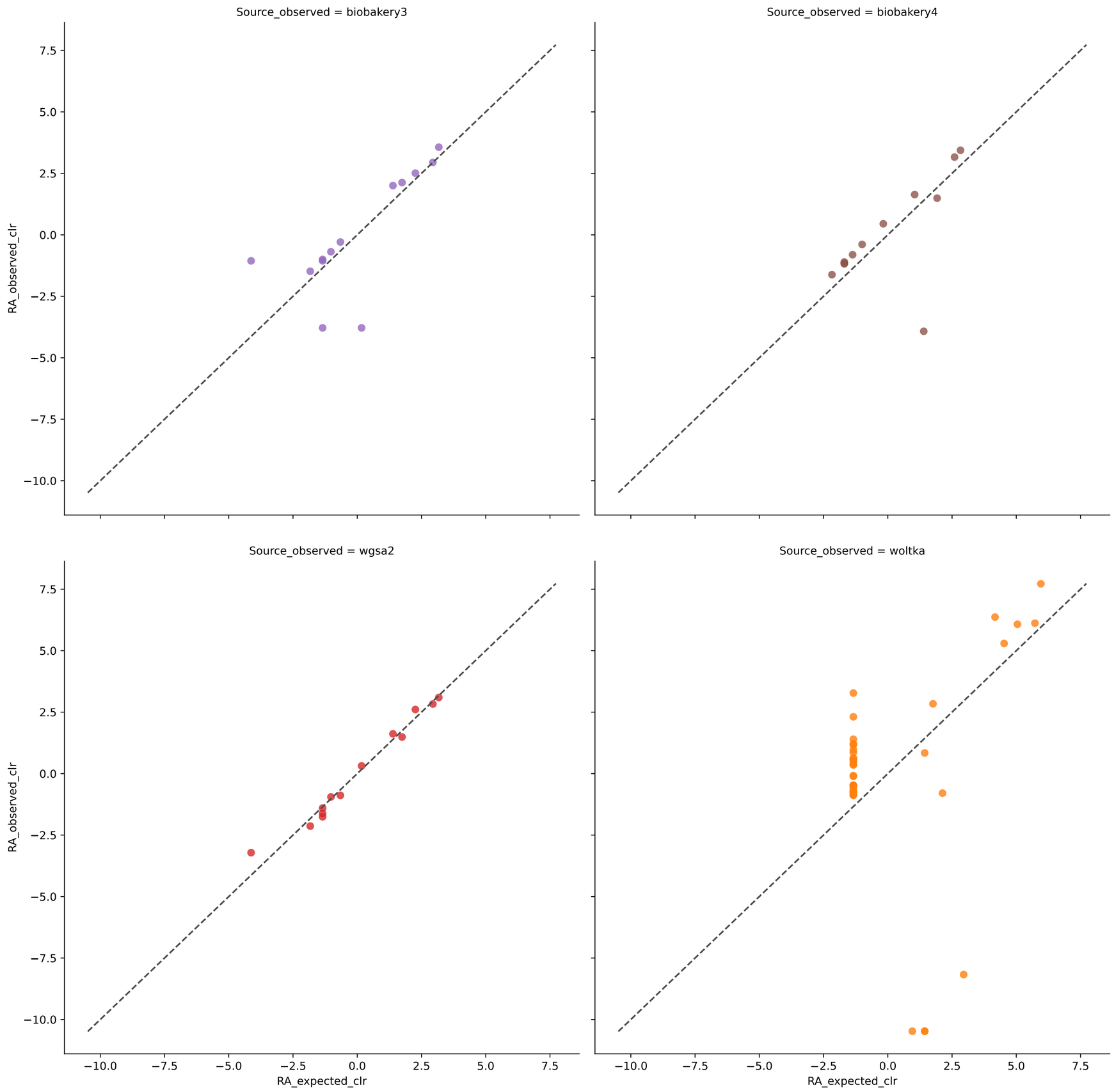


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	18	0.9923	0.0081	11.3385	0.9275	0.0149	94.4444	0.0000
biobakery4	18	1.0000	0.0005	0.1831	0.9956	0.0008	100.0000	0.0000
jams	22	0.9956	0.0045	11.7126	0.9505	0.0082	94.4444	0.8180
wgsa2	24	0.9967	0.0034	8.9590	0.9592	0.0068	94.4444	0.1192
woltka	47	0.9377	0.0067	22.3954	0.8436	0.0221	94.4444	2.6435

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

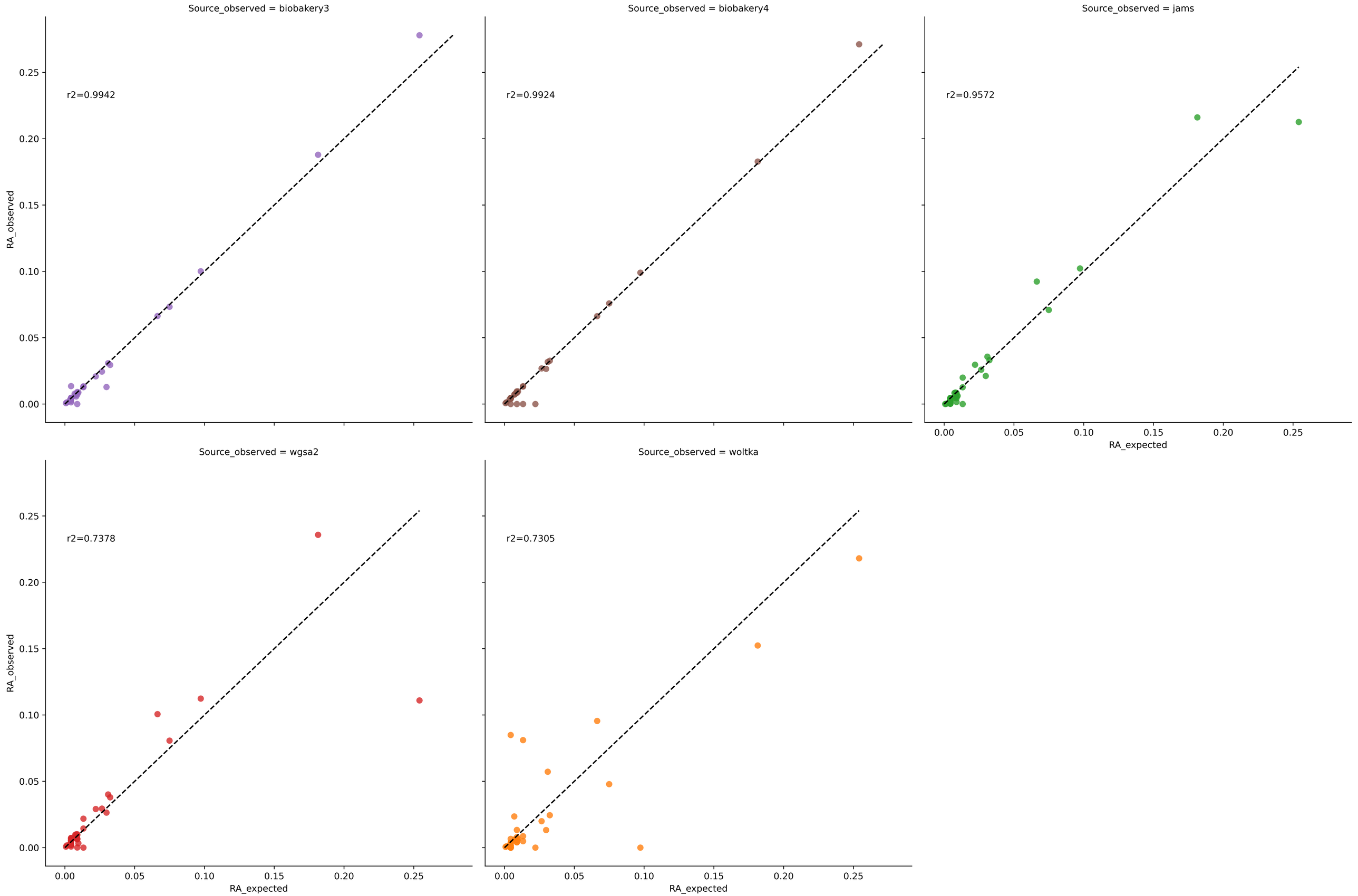


Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0.0001)

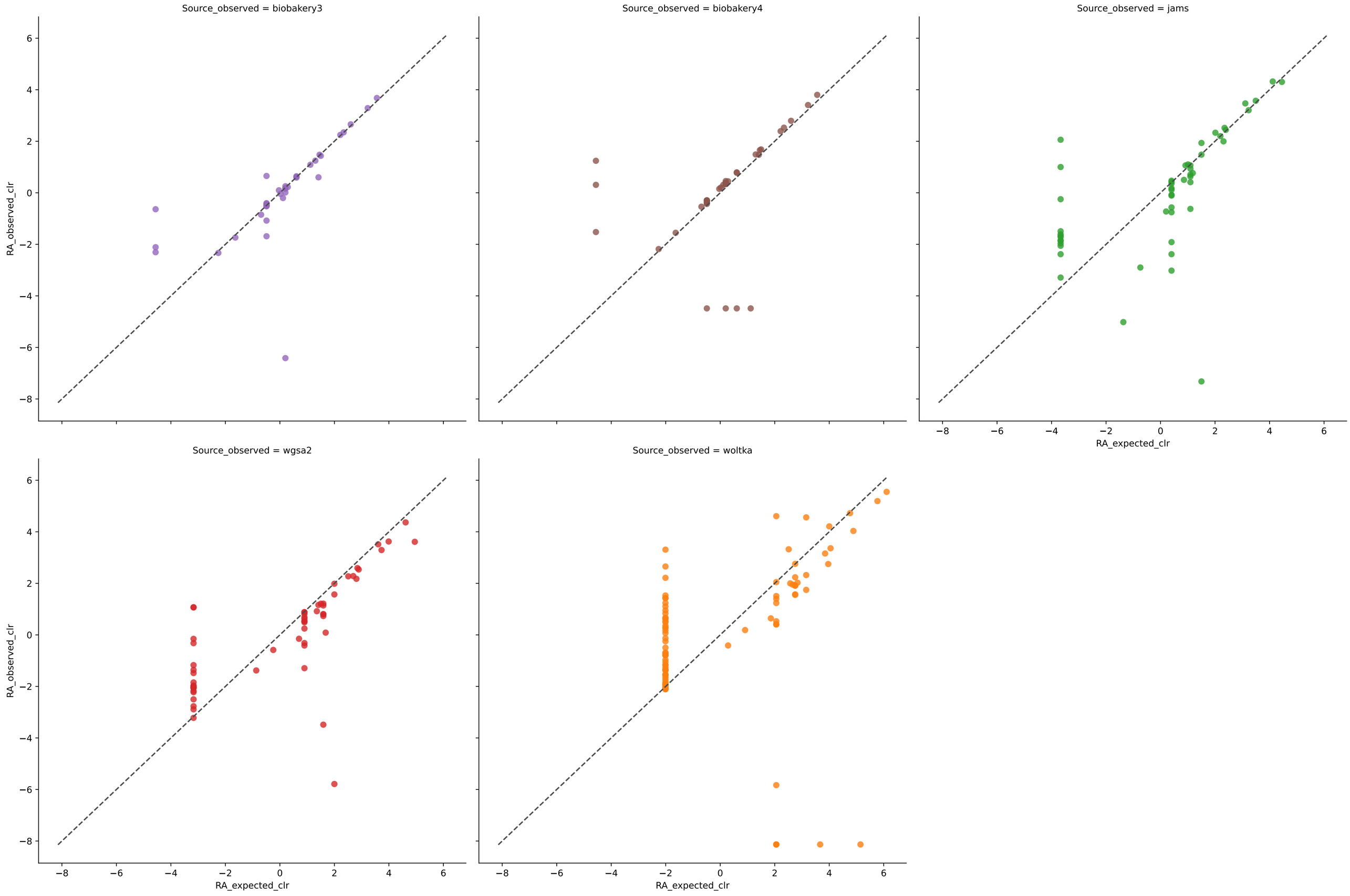


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	13	0.9563	0.0141	5.6829	0.9082	0.0249	83.3333	0.4089
biobakery4	12	0.9201	0.0283	5.6402	0.8301	0.0464	91.6667	0.0000
jams	13	0.9526	0.0150	3.4164	0.9022	0.0256	100.0000	0.0000
wgsa2	13	0.9665	0.0125	1.2277	0.9190	0.0215	100.0000	0.0000
woltka	40	0.7666	0.0148	25.5425	0.7040	0.0447	75.0000	1.7589

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

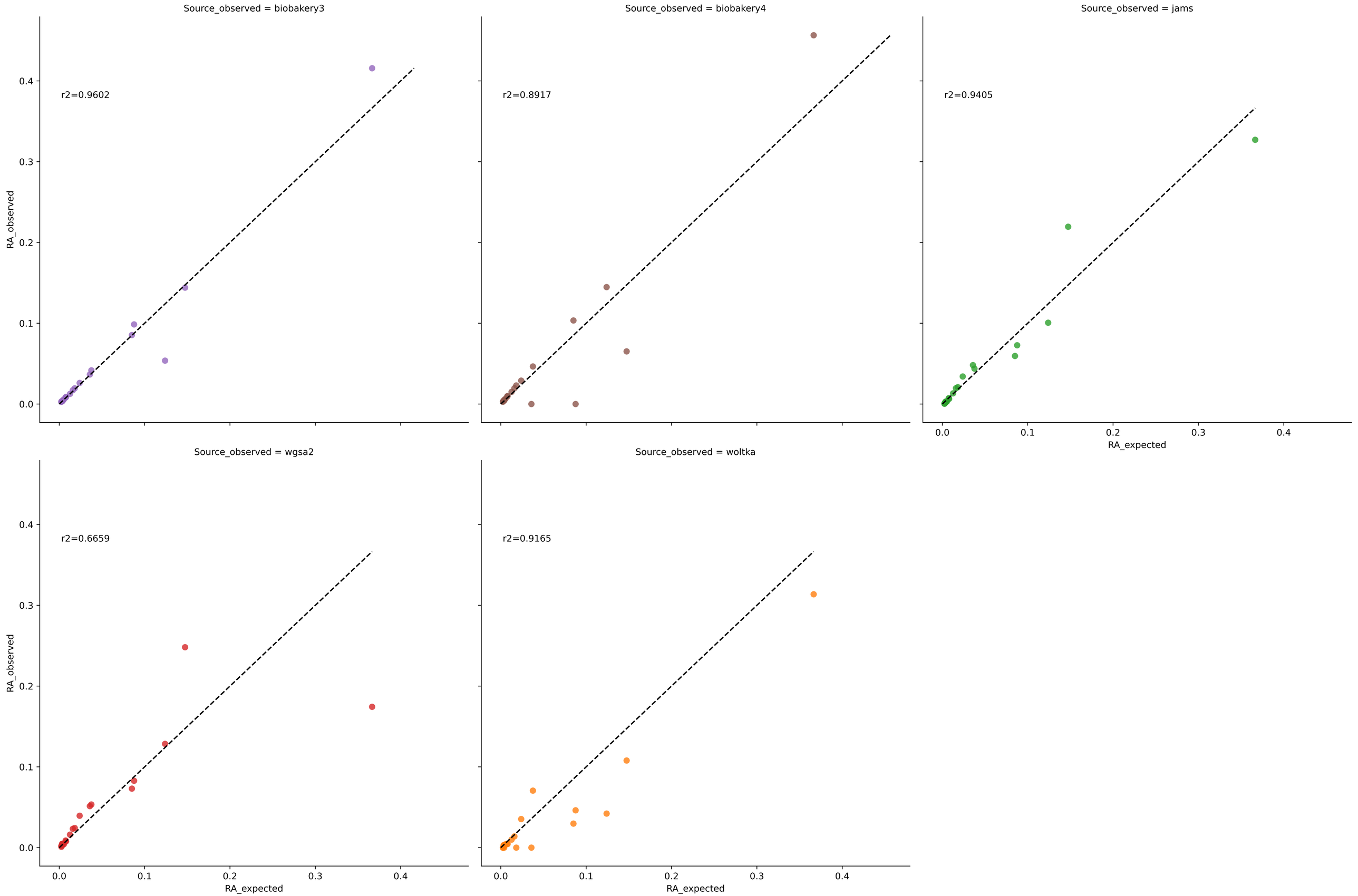


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 0.0001)

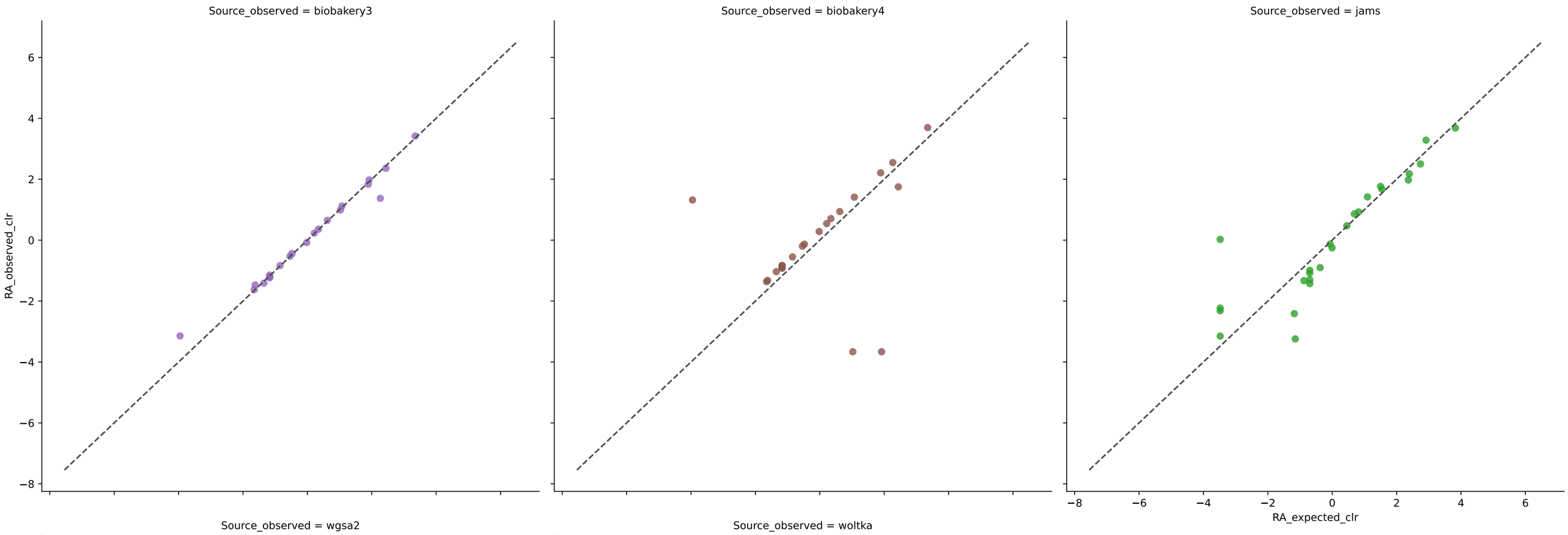


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	41	0.9939	0.0024	8.6188	0.9511	0.0052	100.0000	0.5265
biobakery4	41	0.9868	0.0027	12.7647	0.9456	0.0062	89.4737	3.0566
jams	51	0.9539	0.0048	15.0361	0.8765	0.0097	97.3684	1.4388
wgsa2	59	0.7585	0.0065	13.4764	0.8082	0.0209	97.3684	2.0432
woltka	93	0.7576	0.0067	30.7596	0.6882	0.0171	86.8421	8.5091

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
biobakery3	22	0.9606	0.0067	1.2308	0.9264	0.0185	100.0000	0.0586
biobakery4	22	0.8799	0.0187	9.1242	0.7943	0.0347	90.4762	4.2389
jams	25	0.9430	0.0095	4.8525	0.8818	0.0185	100.0000	0.2055
wgsa2	45	0.7143	0.0095	6.3786	0.7868	0.0328	100.0000	3.9102
woltka	96	0.7546	0.0073	25.8766	0.6489	0.0215	80.9524	30.6668

Bivariate Linear Regression for Sample EG in Experiment nist (Genus at filter threshold 0.0001)

Source_observed = biobakery3

r2=0.5049

Source_observed = biobakery4

r2=0.5175

Source_observed = jams

r2=0.4230

Source_observed = wgsa2

r2=0.5598

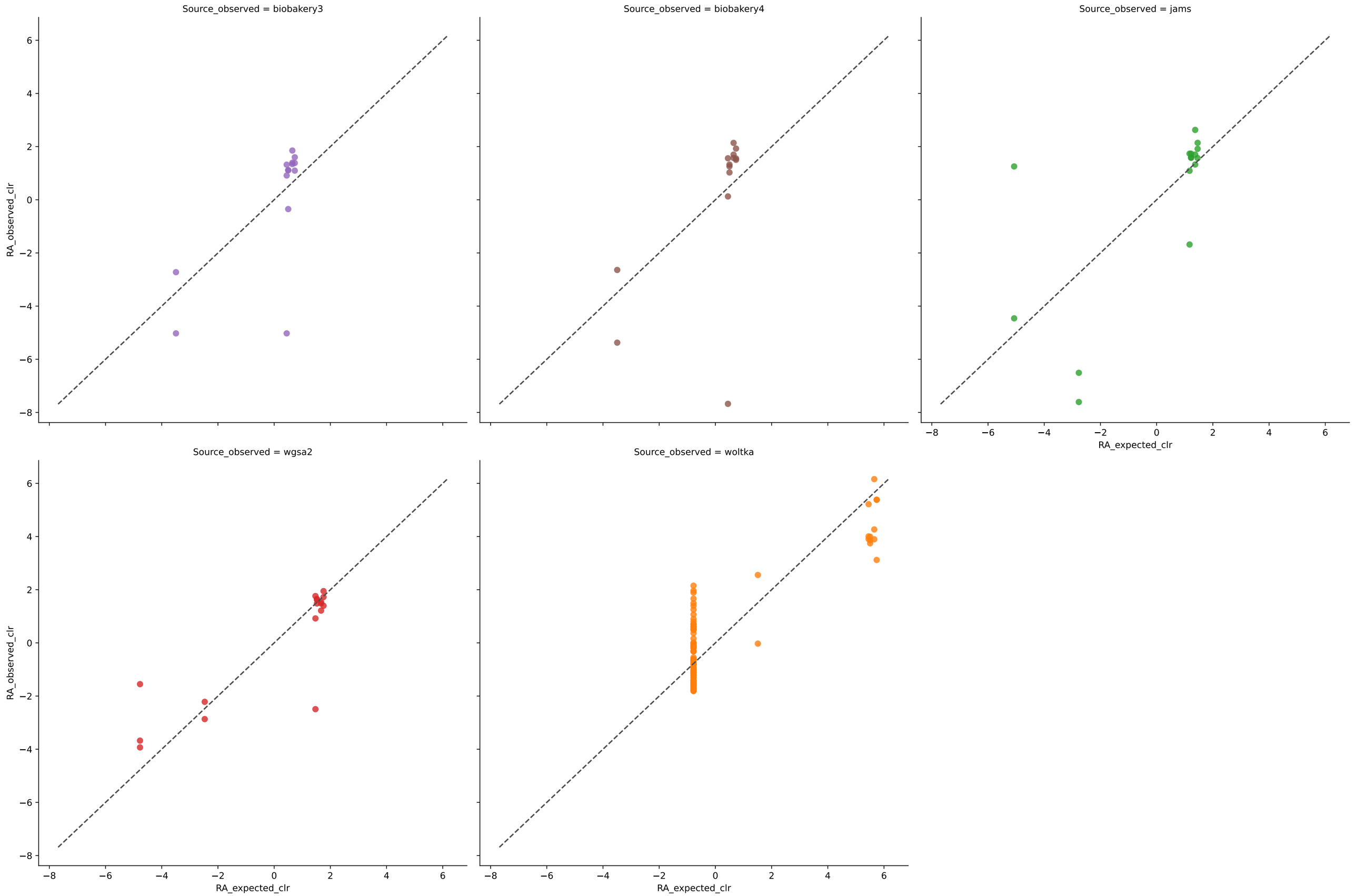
Source_observed = woltka

r2=0.1669

RA_observed

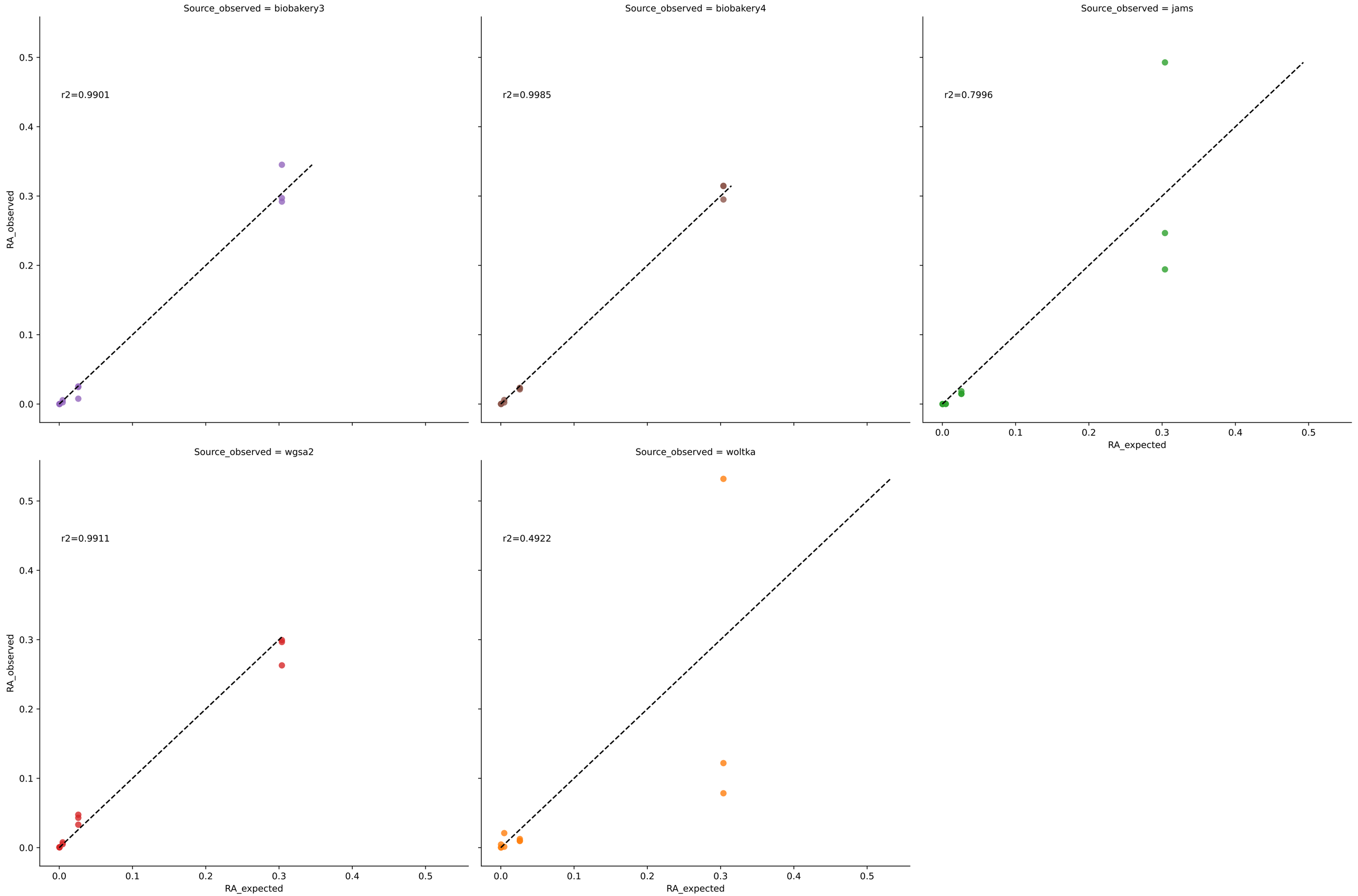
RA_expected

0.00 0.05 0.10 0.15 0.20 0.25 0.30

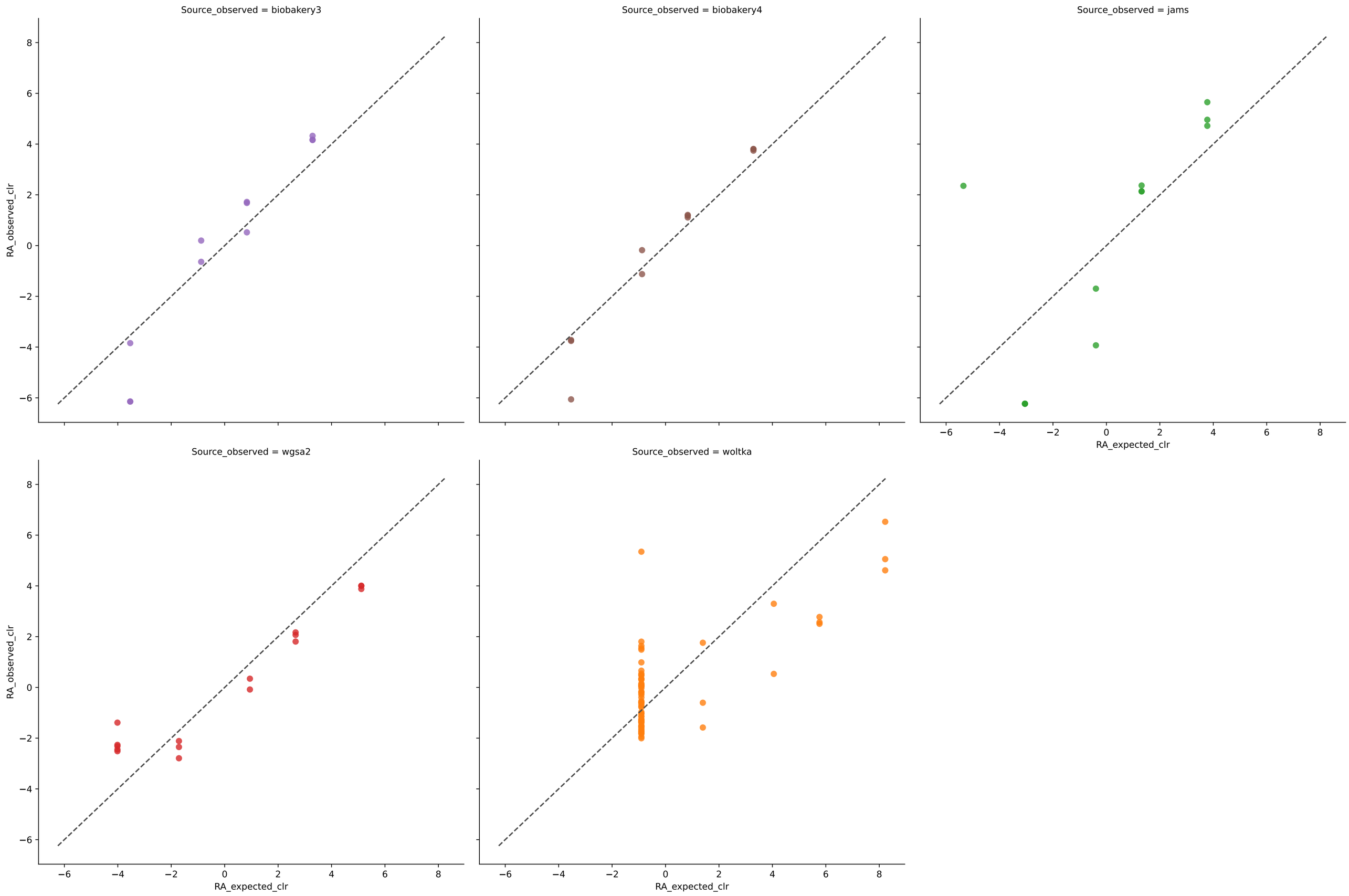


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	14	0.5049	0.0229	6.2553	0.8400	0.0342	85.7143	0.0000
biobakery4	14	0.5175	0.0235	8.9446	0.8352	0.0347	92.8571	0.0000
jams	16	0.4279	0.0240	9.4412	0.8078	0.0376	100.0000	0.0163
wgsa2	17	0.7056	0.0168	5.3901	0.8573	0.0249	100.0000	0.0855
woltka	104	0.4903	0.0077	11.1962	0.6005	0.0260	100.0000	5.8083

Bivariate Linear Regression for Sample MIX-A in Experiment nist (Genus at filter threshold 0.0001)

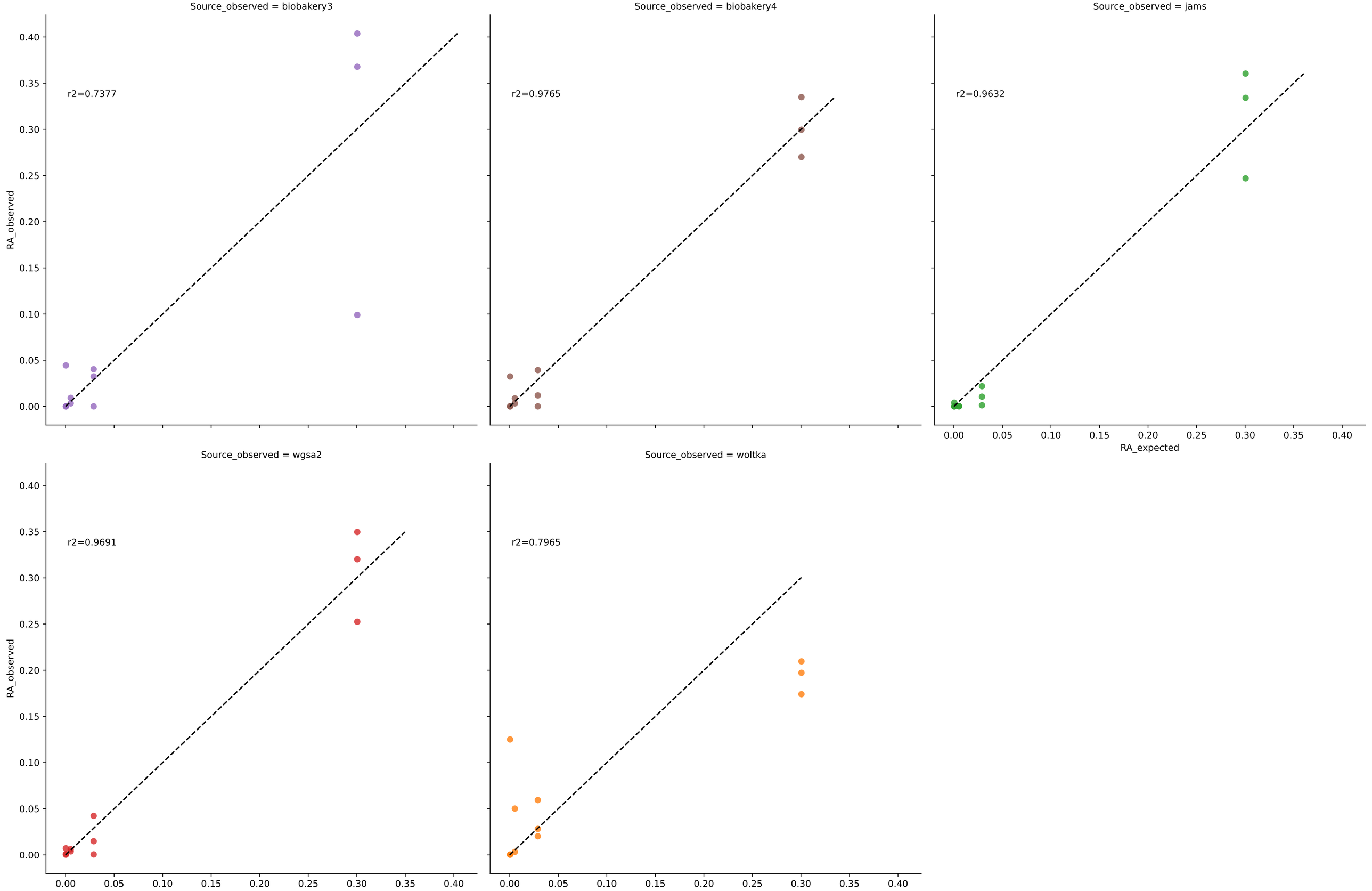


Bivariate Linear Regression for Sample MIX-A in Experiment nist (Genus at filter threshold 0.0001)

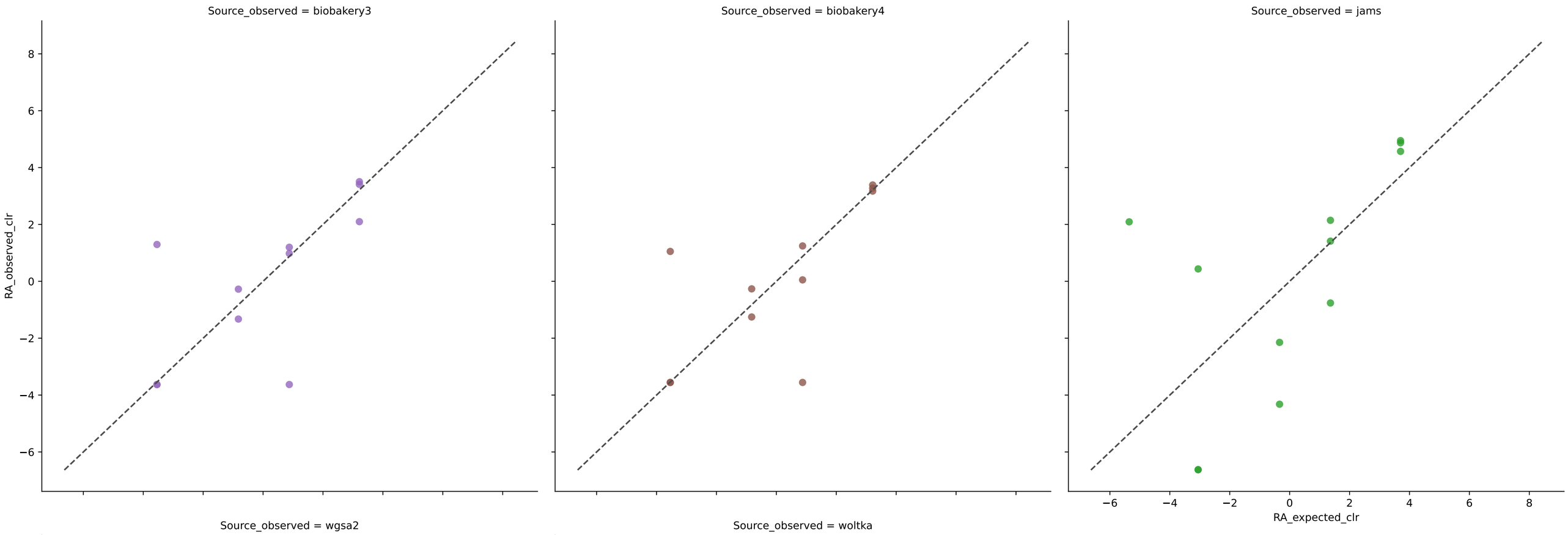


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	11	0.9901	0.0077	4.3768	0.9579	0.0142	81.8182	0.0000
biobakery4	11	0.9985	0.0041	2.8426	0.9775	0.0057	90.9091	0.0000
jams	12	0.8013	0.0345	10.5951	0.7929	0.0656	72.7273	0.0000
wgsa2	16	0.9918	0.0066	5.0974	0.9472	0.0127	100.0000	0.2011
woltka	71	0.5211	0.0129	13.5790	0.5432	0.0480	100.0000	20.8190

Bivariate Linear Regression for Sample MIX-B in Experiment nist (Genus at filter threshold 0.0001)

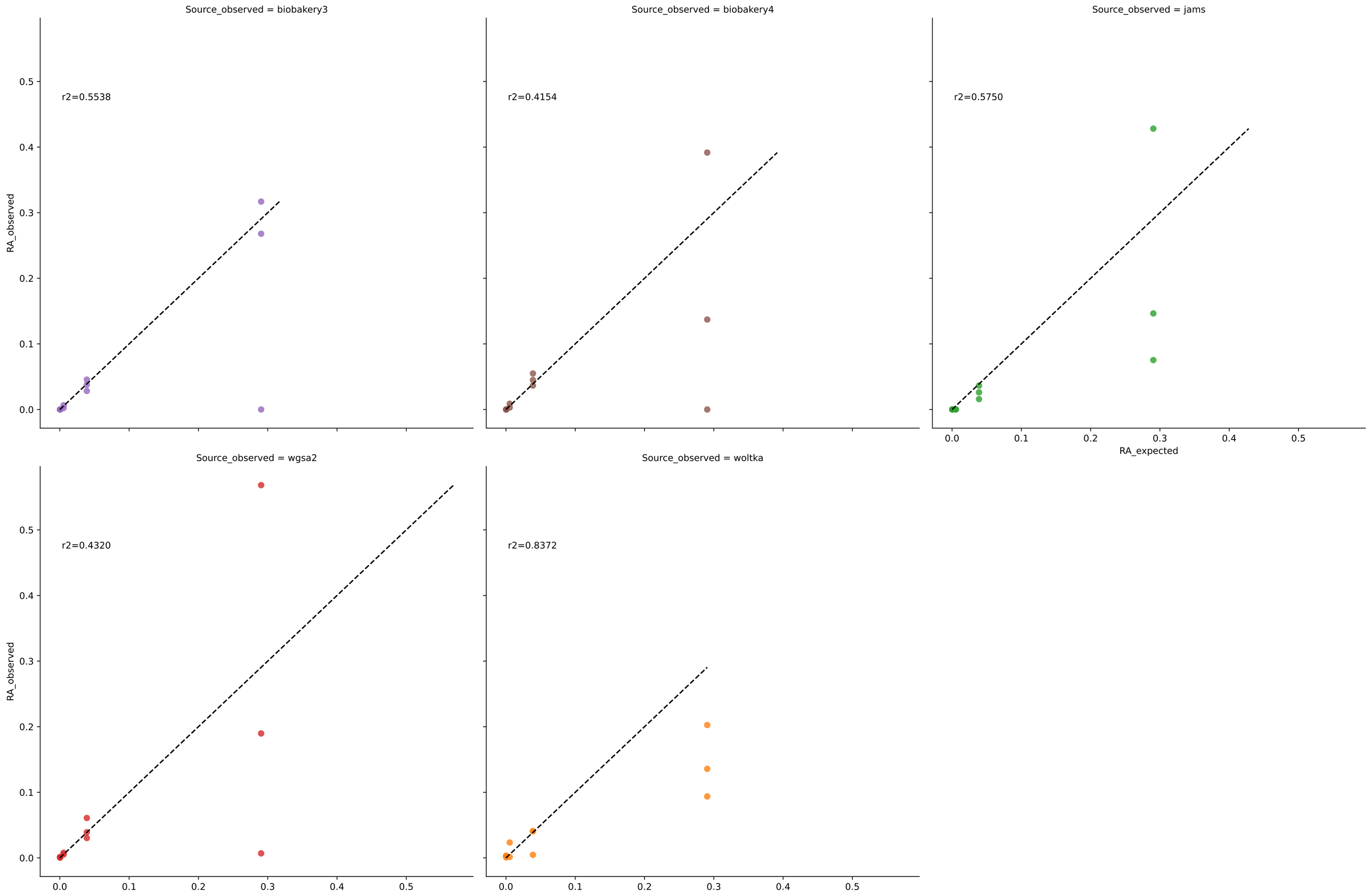


Bivariate Linear Regression for Sample MIX-B in Experiment nist (Genus at filter threshold 0.0001)

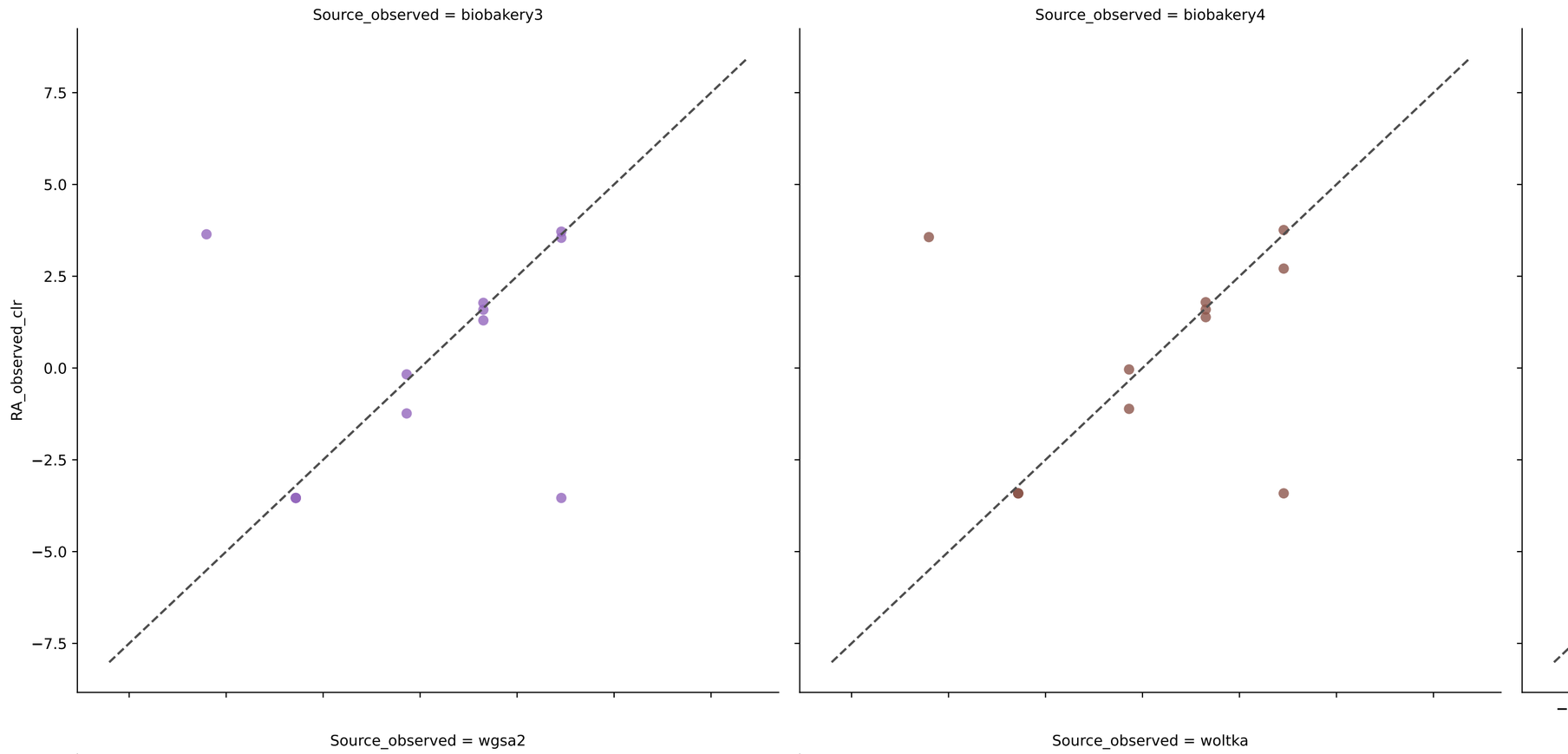


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	11	0.7377	0.0424	6.7630	0.7668	0.0731	72.7273	0.0000
biobakery4	11	0.9765	0.0146	6.4866	0.9199	0.0200	72.7273	0.0000
jams	12	0.9606	0.0196	11.0041	0.8822	0.0278	81.8182	0.0000
wgsa2	15	0.9723	0.0123	6.6488	0.9078	0.0206	100.0000	0.0593
woltka	98	0.8437	0.0068	15.5091	0.6677	0.0236	100.0000	13.2340

Bivariate Linear Regression for Sample MIX-C in Experiment nist (Genus at filter threshold 0.0001)

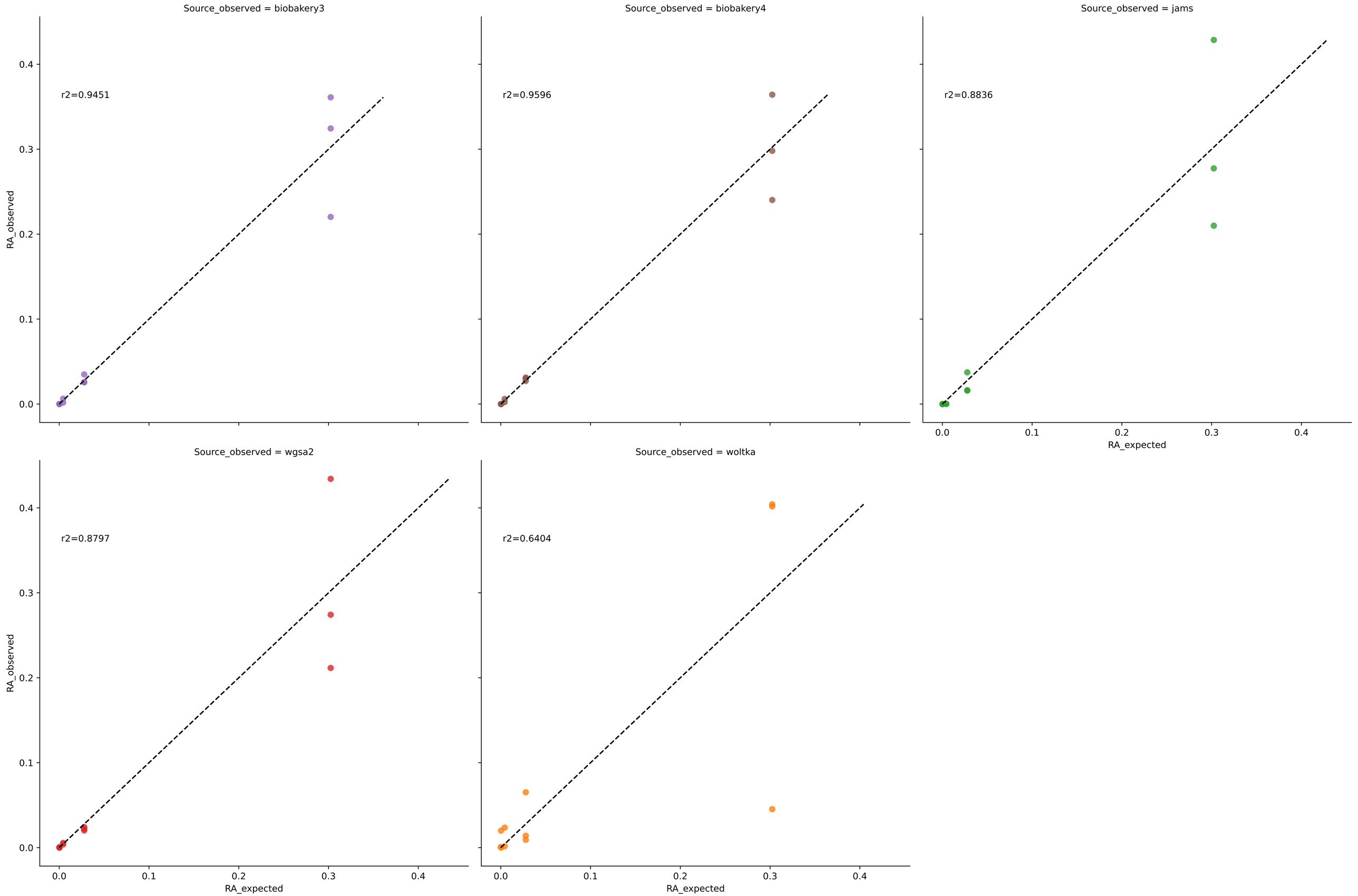


Bivariate Linear Regression for Sample MIX-C in Experiment nist (Genus at filter threshold 0.0001)

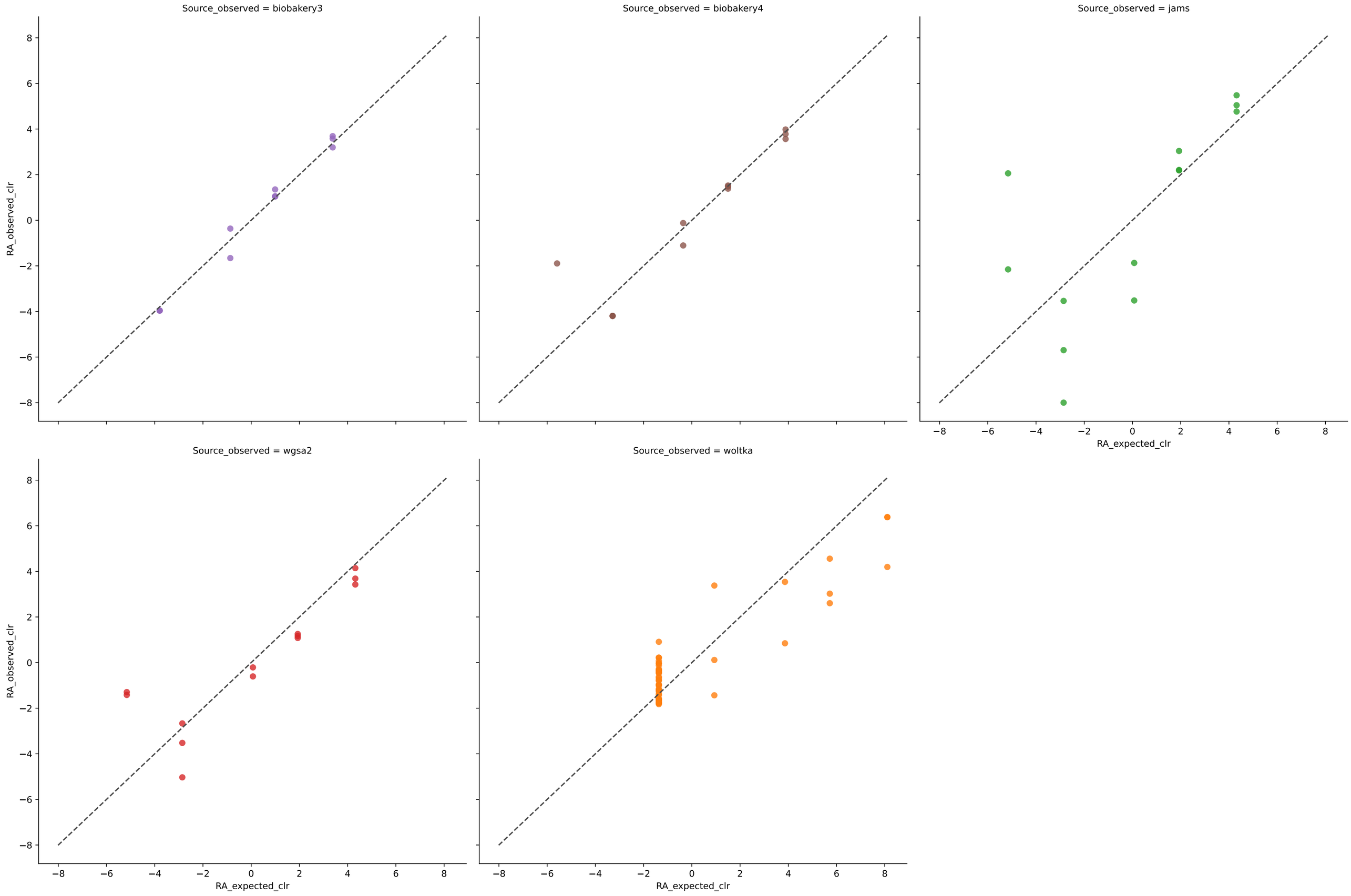


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	12	0.2631	0.0548	11.6858	0.6710	0.1200	63.6364	29.4877
biobakery4	12	0.1643	0.0749	11.5690	0.5504	0.1363	63.6364	32.3094
jams	13	0.3881	0.0629	14.9307	0.5911	0.1035	90.9091	22.3975
wgsa2	17	0.4554	0.0463	10.0073	0.6068	0.1016	100.0000	8.6894
woltka	90	0.2630	0.0106	14.3534	0.5224	0.0500	100.0000	44.9789

Bivariate Linear Regression for Sample MIX-D in Experiment nist (Genus at filter threshold 0.0001)

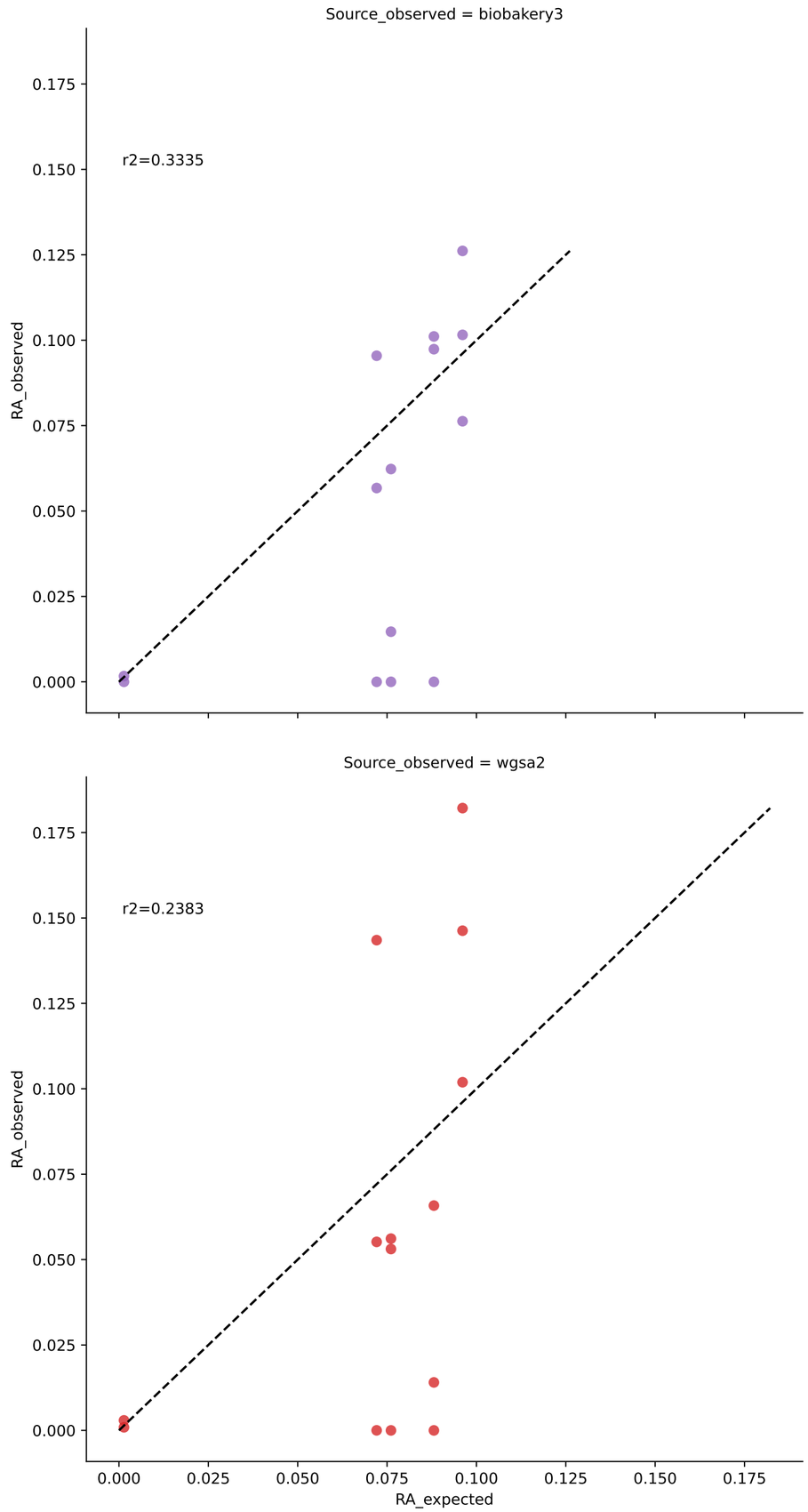


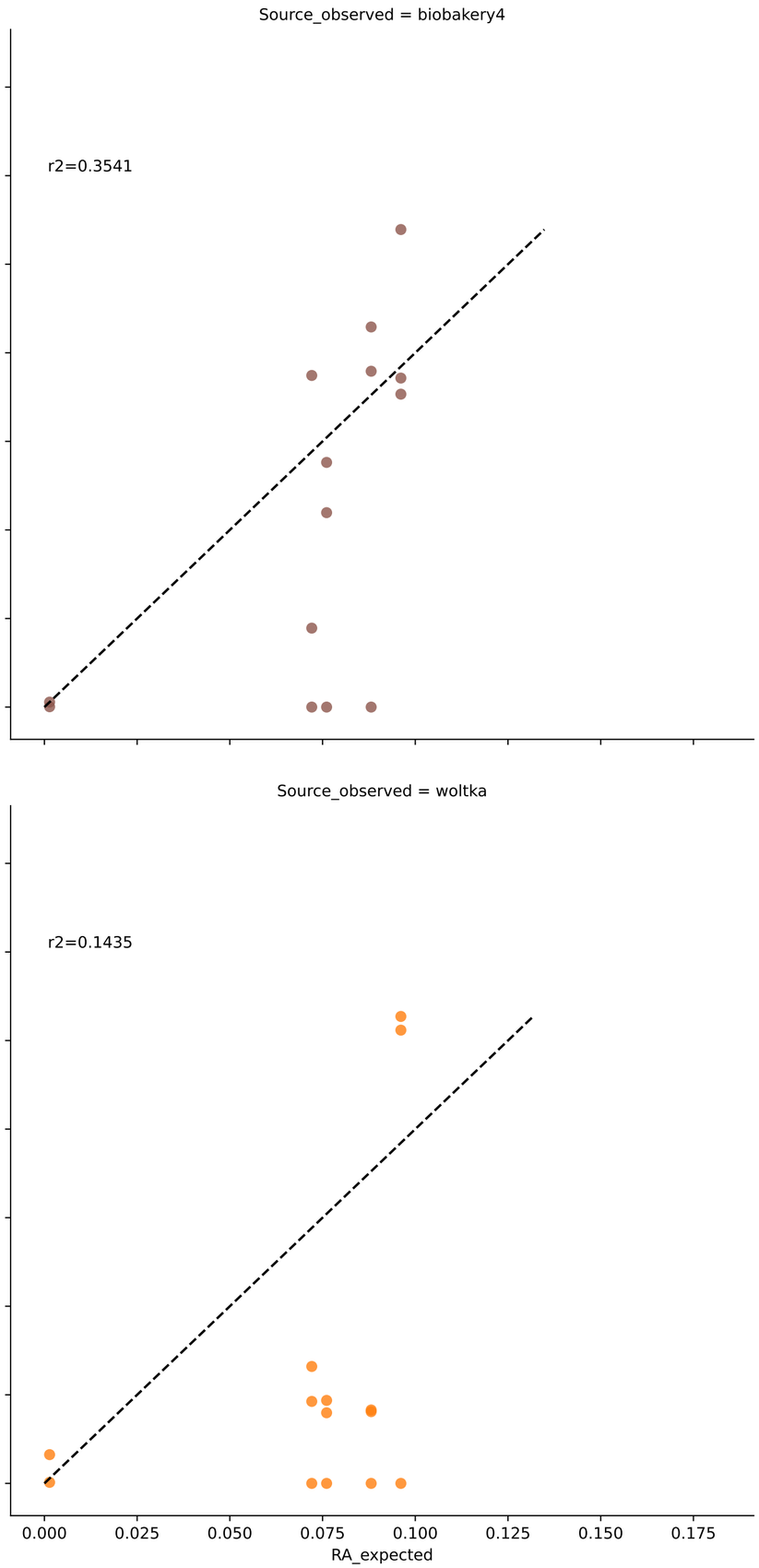
Bivariate Linear Regression for Sample MIX-D in Experiment nist (Genus at filter threshold 0.0001)

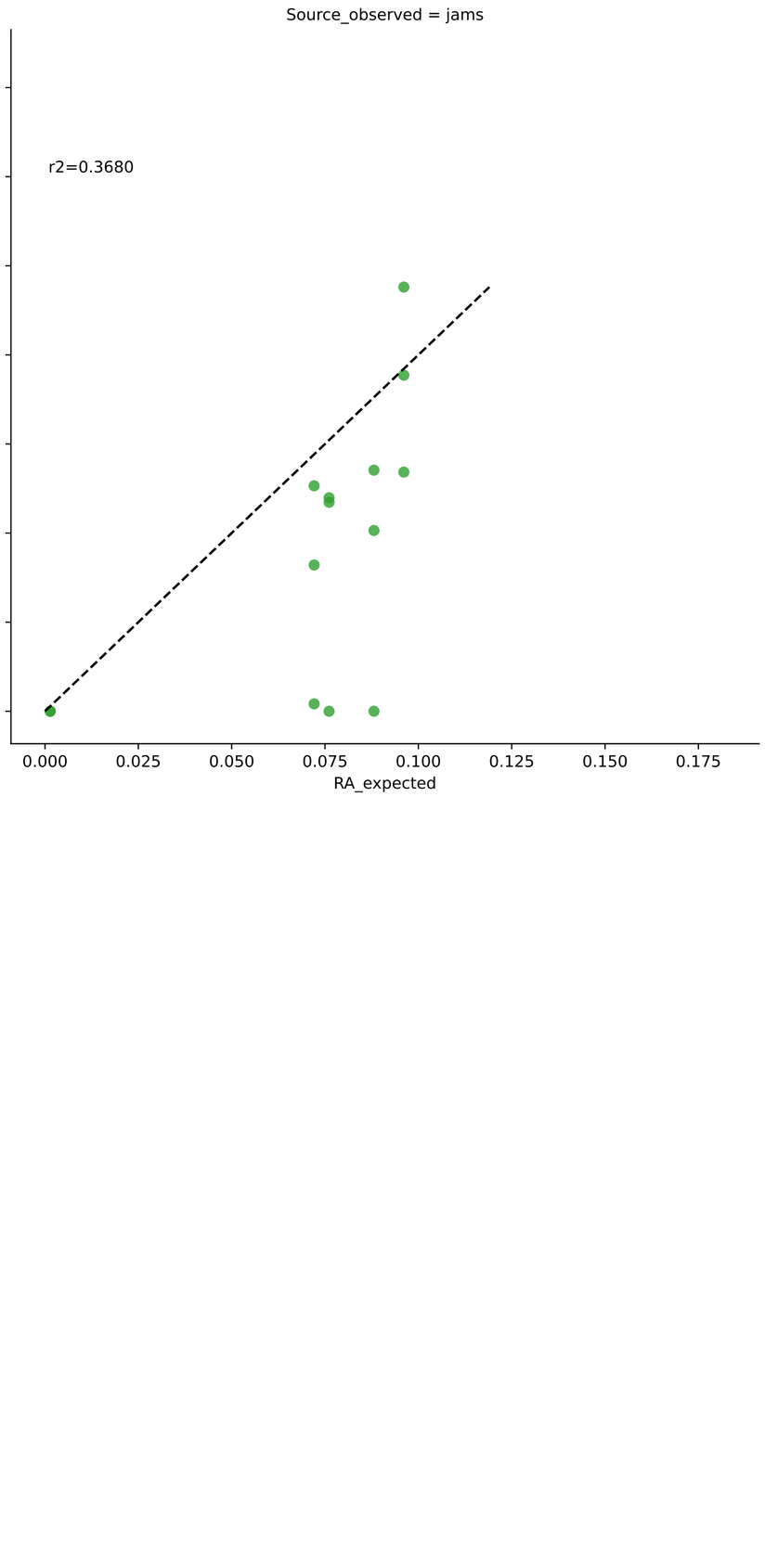


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	11	0.9451	0.0163	1.1261	0.9103	0.0313	72.7273	0.0000
biobakery4	12	0.9611	0.0117	4.1098	0.9301	0.0254	72.7273	0.1024
jams	13	0.8884	0.0231	10.7794	0.8501	0.0445	90.9091	0.0207
wgsa2	13	0.8865	0.0210	6.1380	0.8632	0.0452	100.0000	0.1668
woltka	49	0.7181	0.0119	9.4342	0.7078	0.0426	100.0000	1.4004

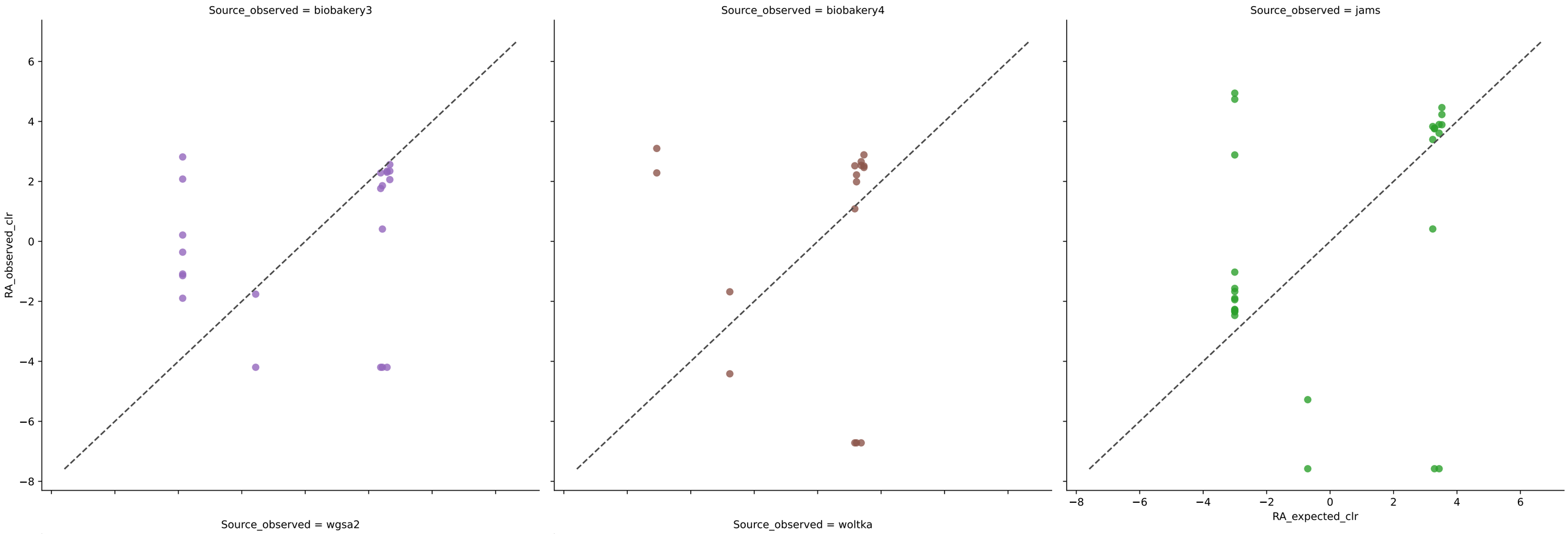
Bivariate Linear Regression for Sample EG in Experiment nist (Species at filter threshold 0.0001)





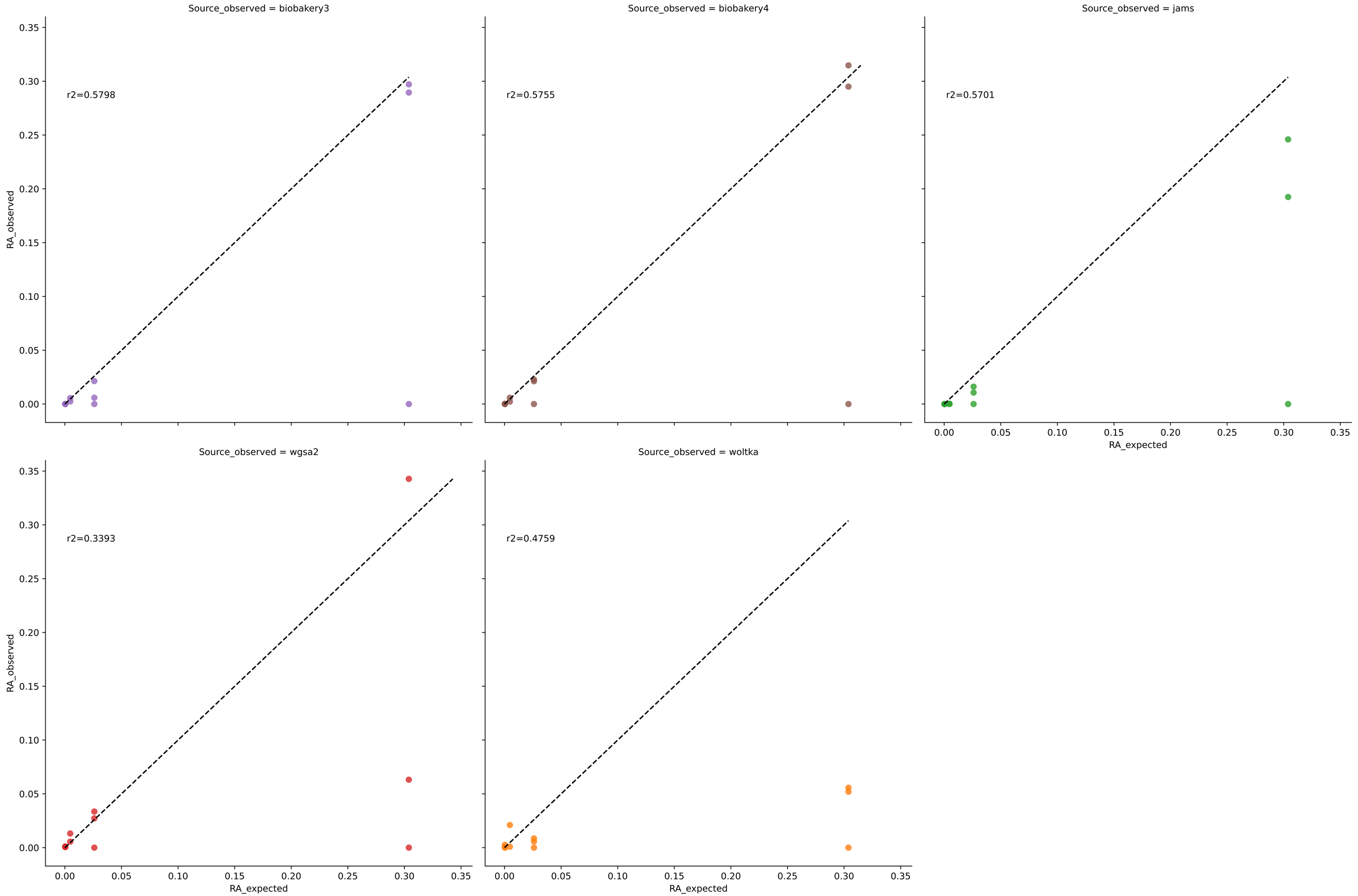


Bivariate Linear Regression for Sample EG in Experiment nist (Species at filter threshold 0.0001)

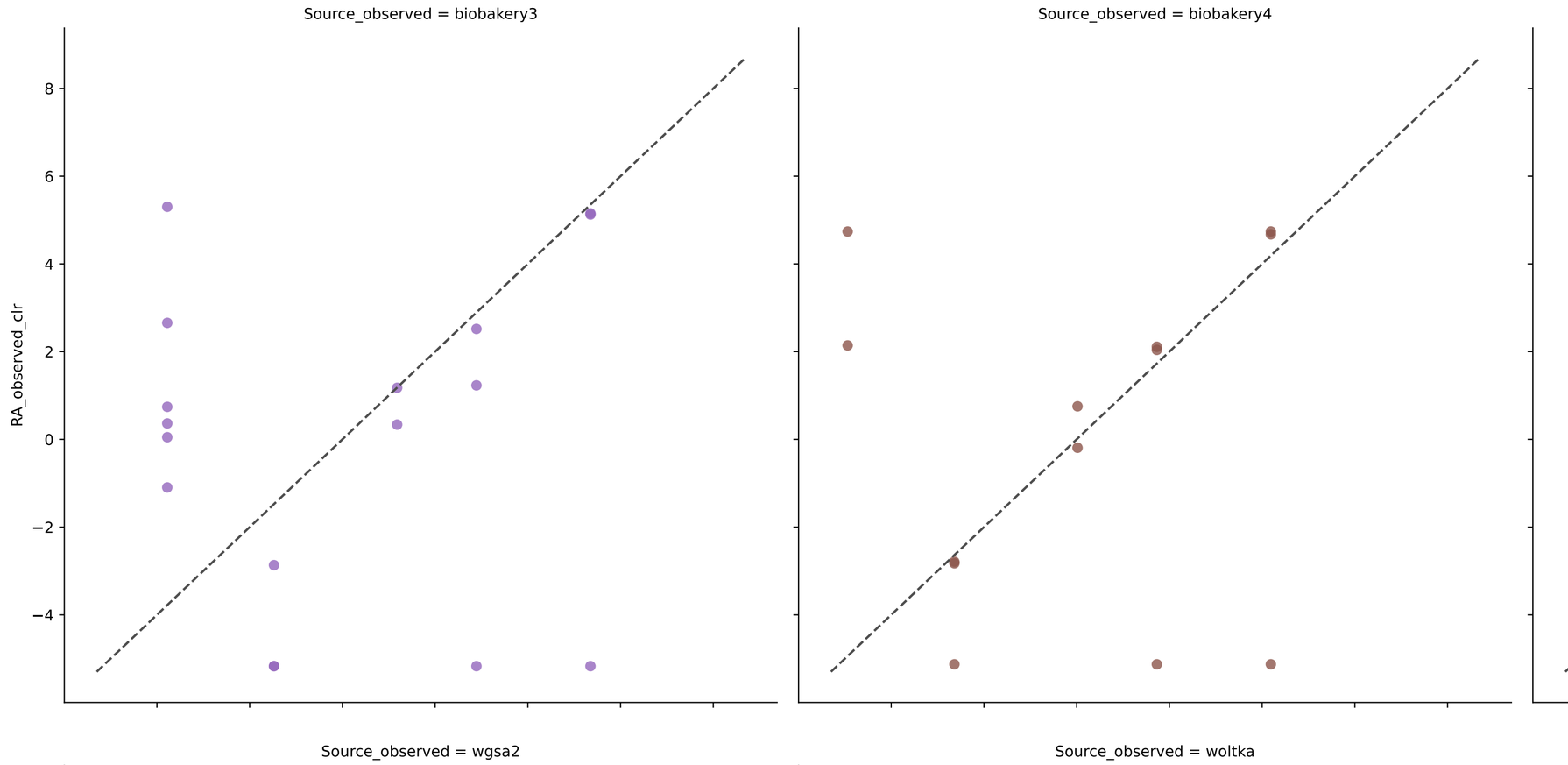


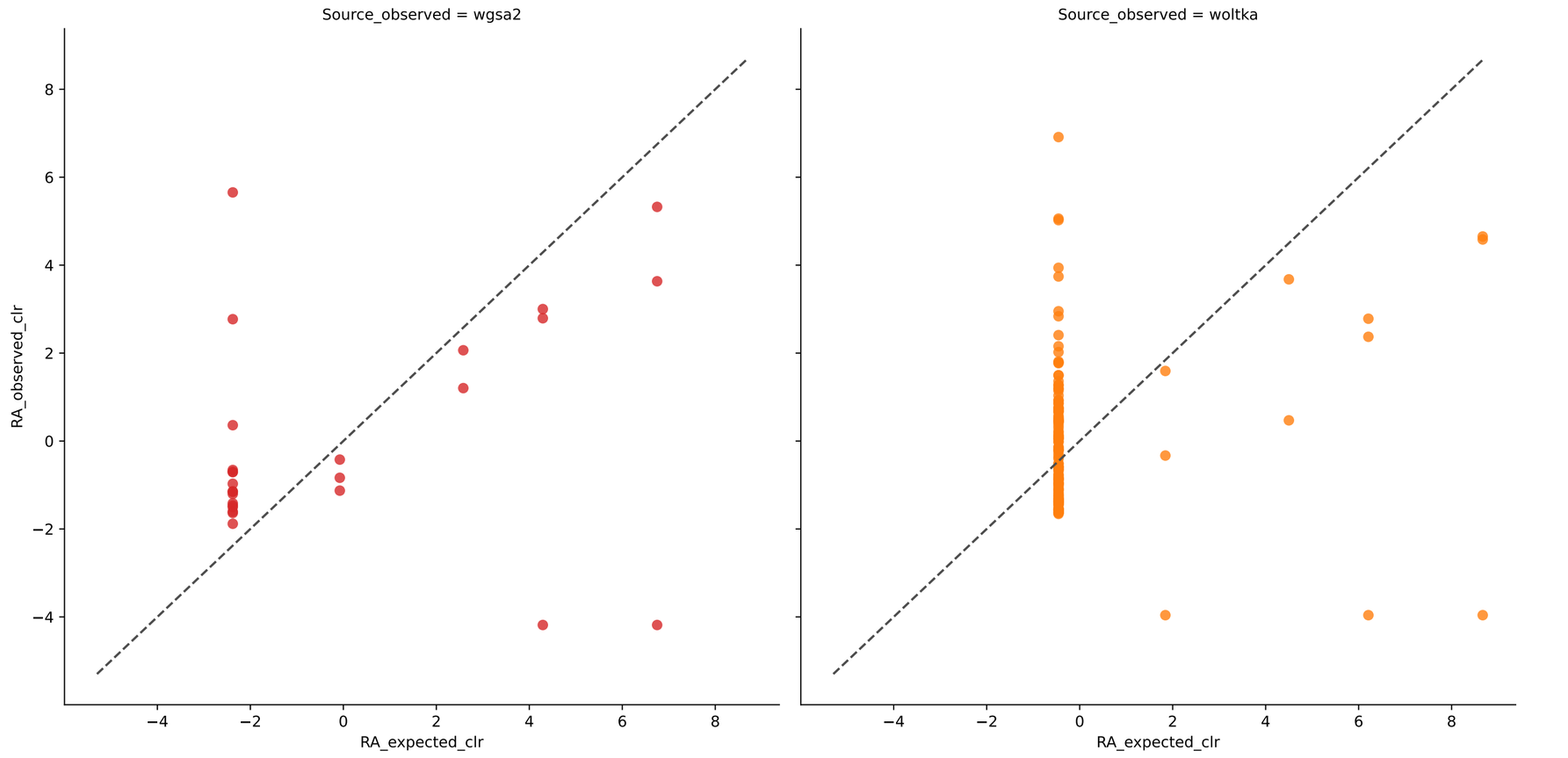
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	21	0.1310	0.0332	16.5318	0.6519	0.0524	71.4286	26.6753
biobakery4	16	0.0130	0.0408	18.0567	0.6733	0.0599	78.5714	24.0614
jams	27	0.0851	0.0296	22.1001	0.6009	0.0563	78.5714	21.9219
wgsa2	30	0.3464	0.0262	20.6267	0.6070	0.0433	85.7143	17.2082
woltka	242	0.0967	0.0055	27.6218	0.3344	0.0247	71.4286	59.1410

Bivariate Linear Regression for Sample MIX-A in Experiment nist (Species at filter threshold 0.0001)



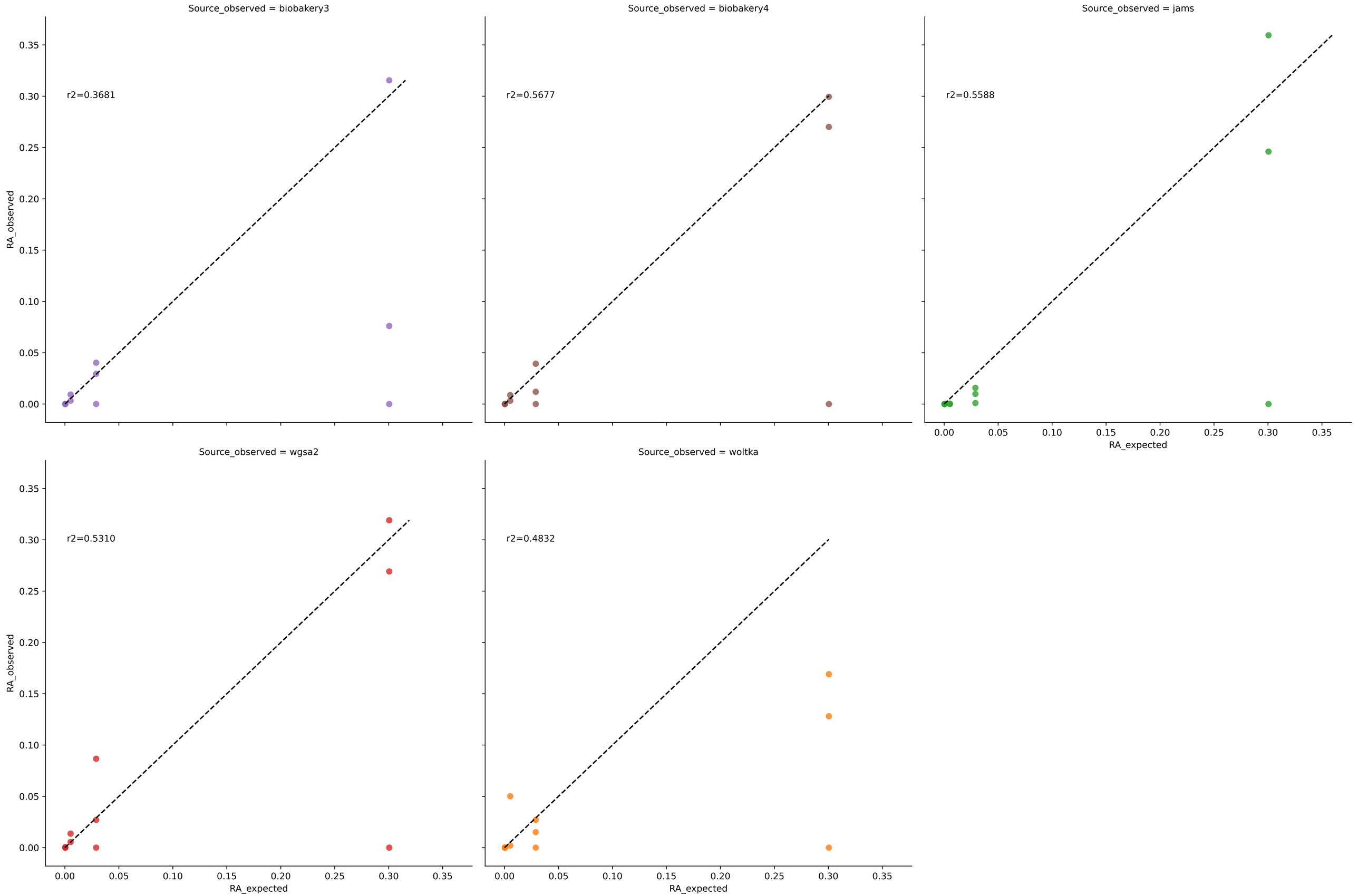
Bivariate Linear Regression for Sample MIX-A in Experiment nist (Species at filter threshold 0.0001)



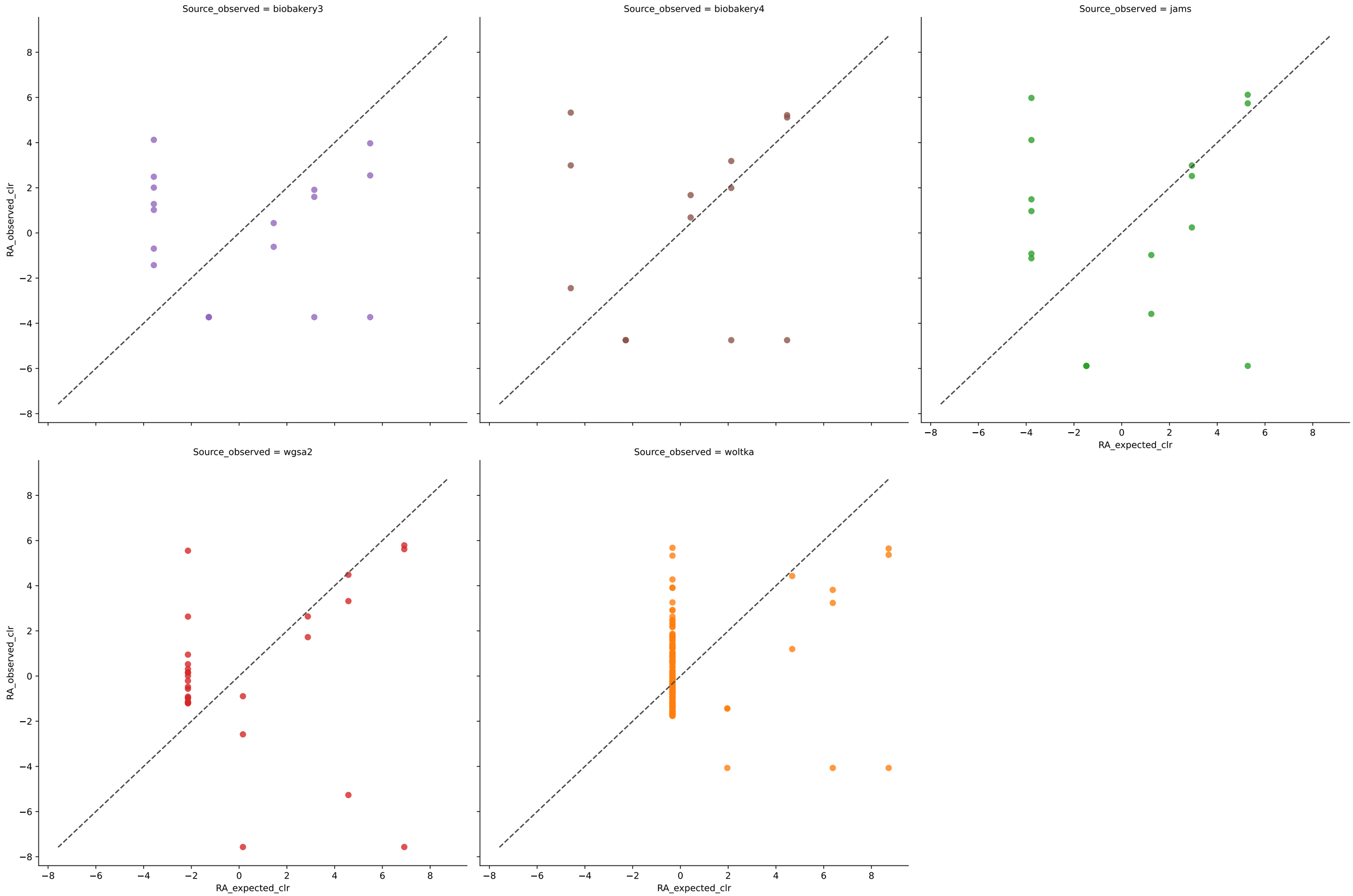


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	17	0.2808	0.0446	19.7942	0.6211	0.1121	63.6364	37.8070
biobakery4	13	0.2833	0.0538	16.8882	0.6502	0.1217	72.7273	33.7806
jams	16	0.0846	0.0668	21.7374	0.4655	0.1484	54.5455	49.4936
wgsa2	27	0.1018	0.0423	18.1212	0.4294	0.1187	81.8182	50.9876
woltka	141	0.0084	0.0124	26.1863	0.1282	0.0607	72.7273	85.3190

Bivariate Linear Regression for Sample MIX-B in Experiment nist (Species at filter threshold 0.0001)

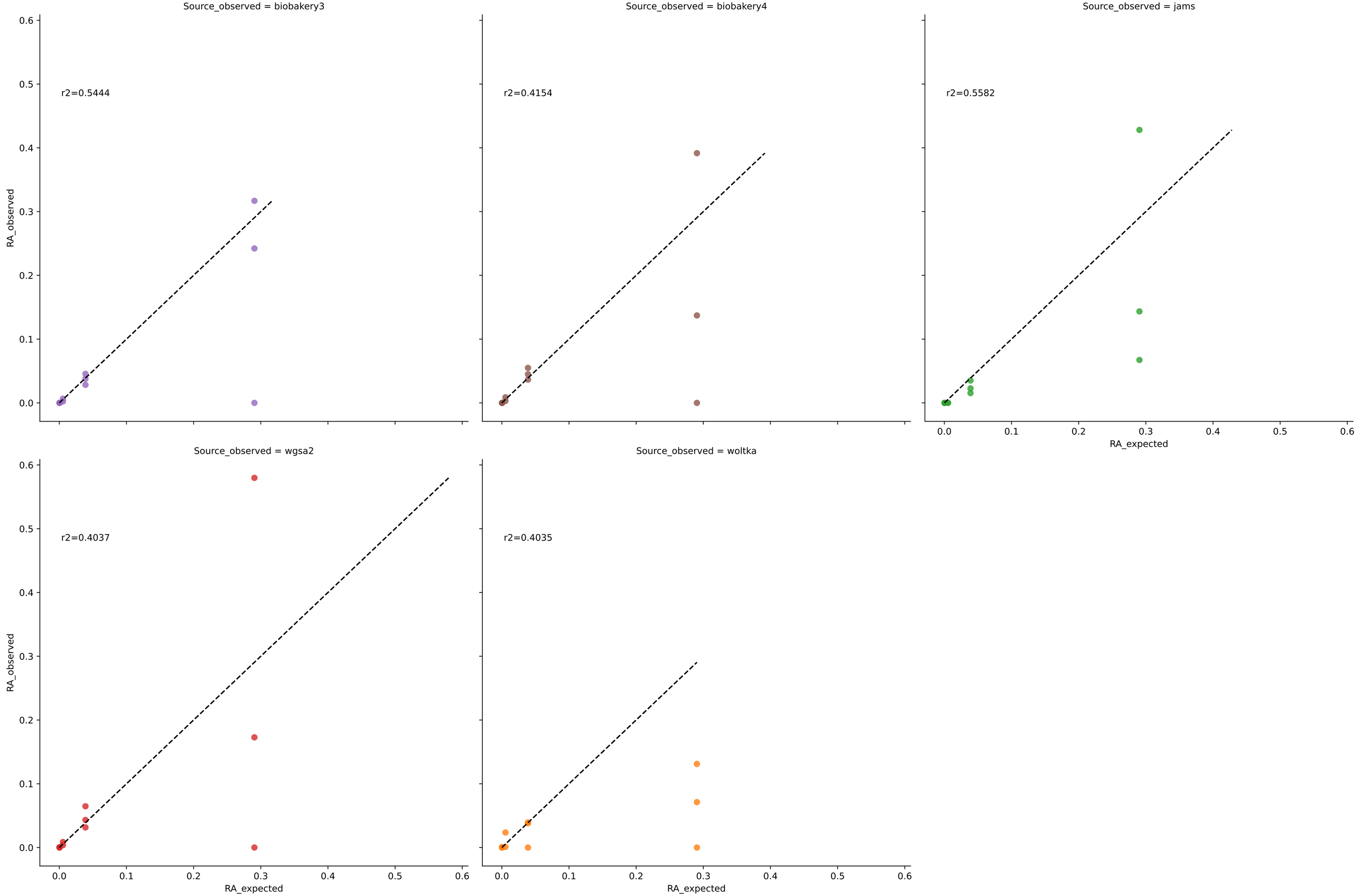


Bivariate Linear Regression for Sample MIX-B in Experiment nist (Species at filter threshold 0.0001)

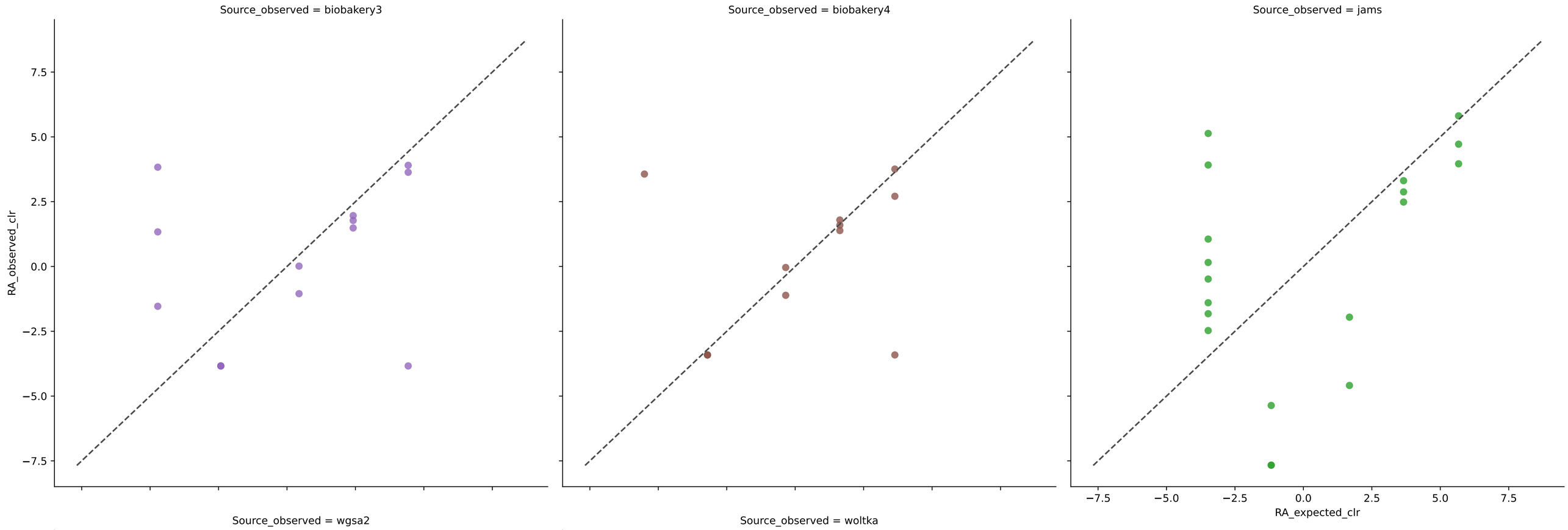


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	18	0.0968	0.0619	18.8433	0.4430	0.1258	54.5455	52.6298
biobakery4	14	0.2461	0.0544	17.7359	0.6189	0.1212	54.5455	36.7412
jams	17	0.3087	0.0502	21.0380	0.5734	0.1080	63.6364	31.9202
wgsa2	30	0.4219	0.0242	22.7774	0.6367	0.0729	81.8182	27.5901
woltka	193	0.2919	0.0068	27.7691	0.3469	0.0314	72.7273	60.8341

Bivariate Linear Regression for Sample MIX-C in Experiment nist (Species at filter threshold 0.0001)

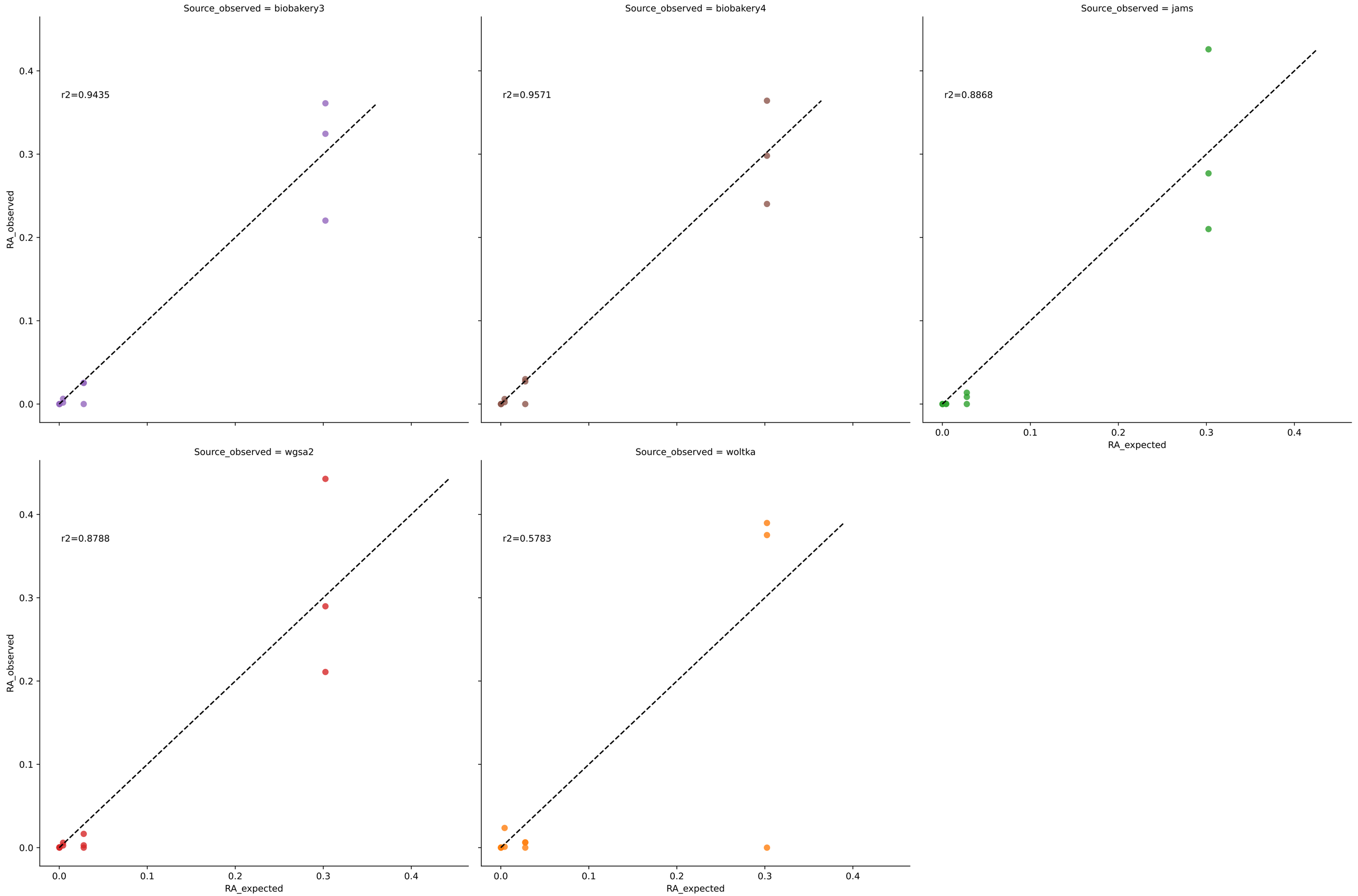


Bivariate Linear Regression for Sample MIX-C in Experiment nist (Species at filter threshold 0.0001)

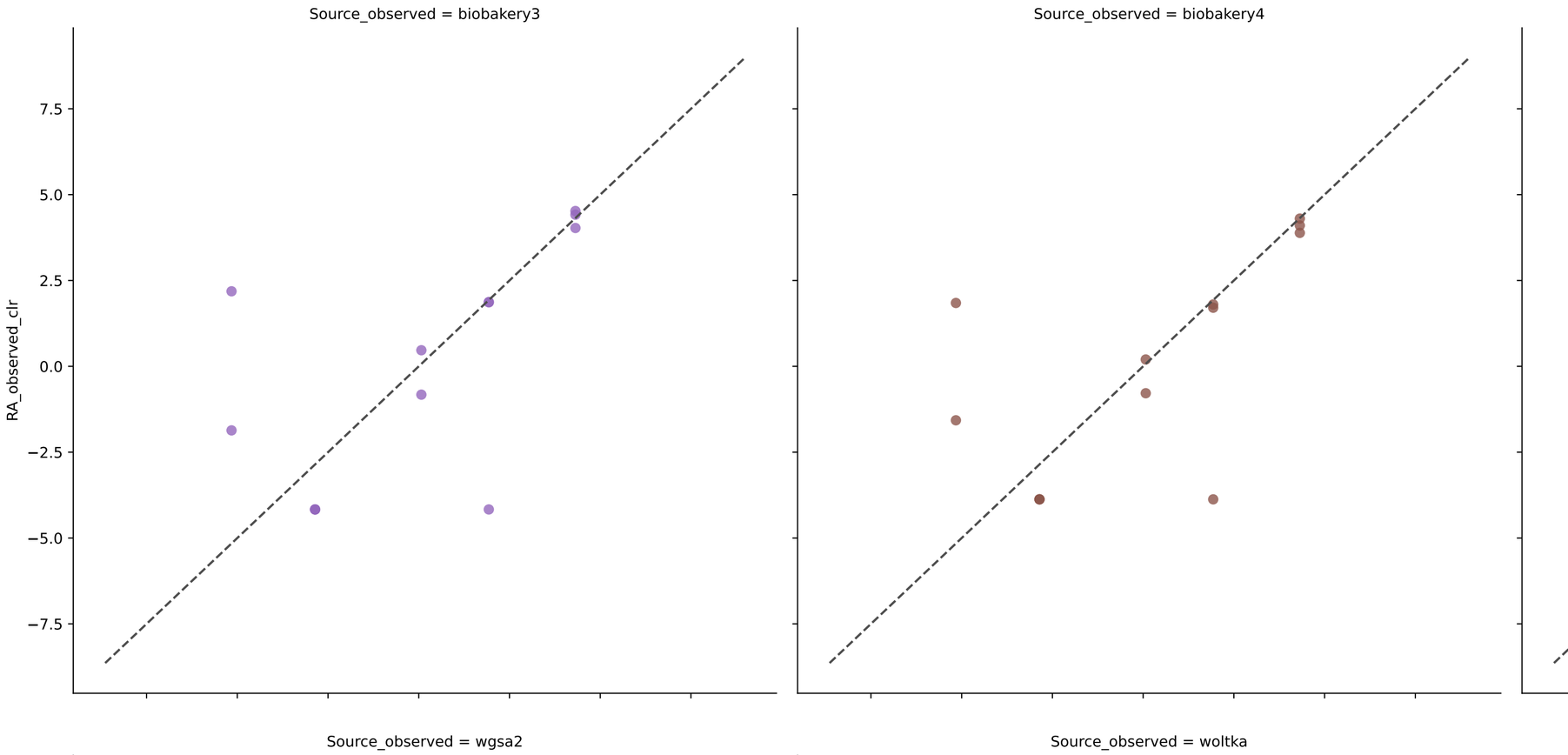


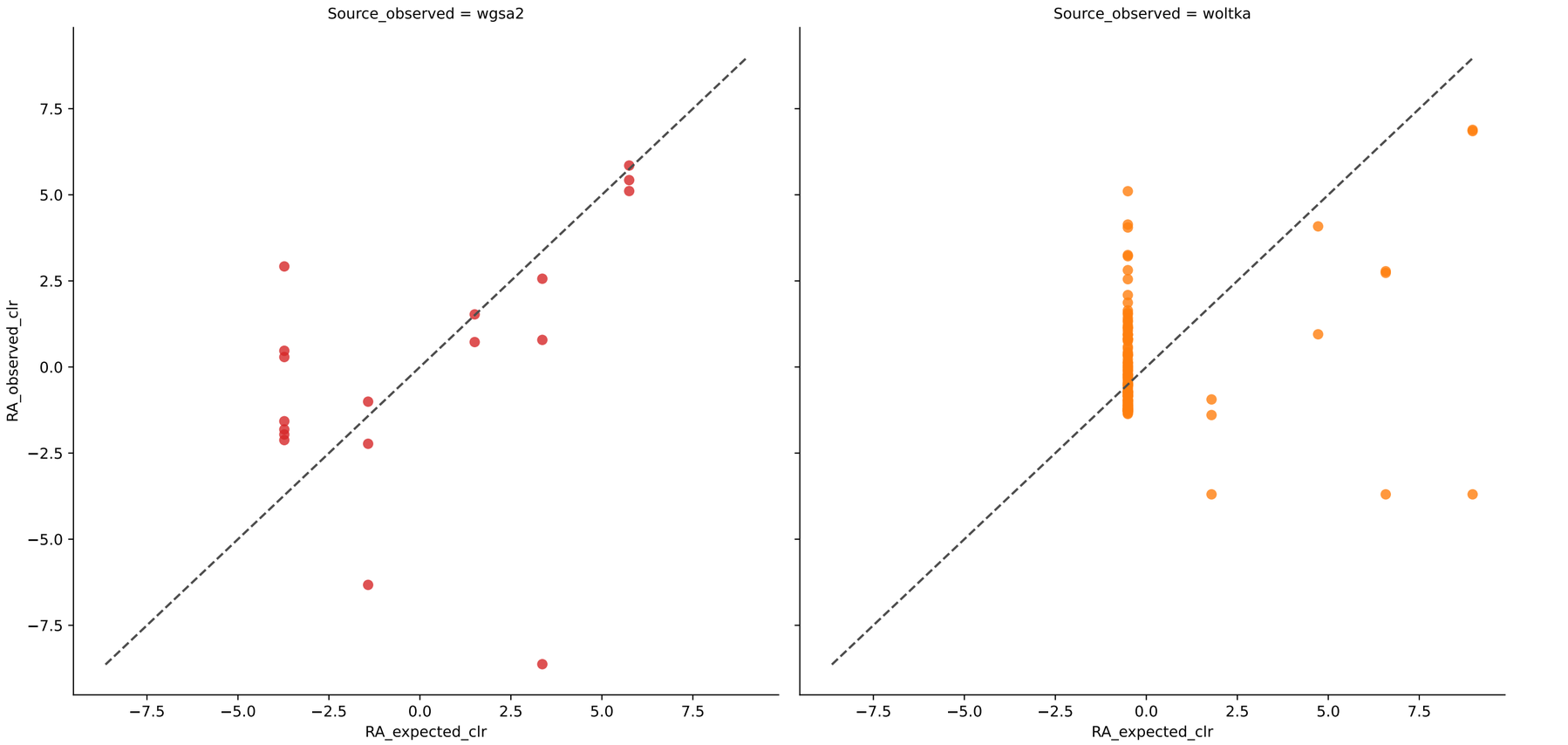
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	14	0.2719	0.0507	14.1087	0.6453	0.1118	63.6364	32.0567
biobakery4	12	0.1643	0.0749	11.5690	0.5504	0.1363	63.6364	32.3094
jams	19	0.4303	0.0448	18.4361	0.5746	0.0866	81.8182	22.3543
wgsa2	28	0.4651	0.0298	15.9642	0.5824	0.0821	90.9091	9.2576
woltka	148	0.0621	0.0096	24.8780	0.2863	0.0477	72.7273	69.4645

Bivariate Linear Regression for Sample MIX-D in Experiment nist (Species at filter threshold 0.0001)



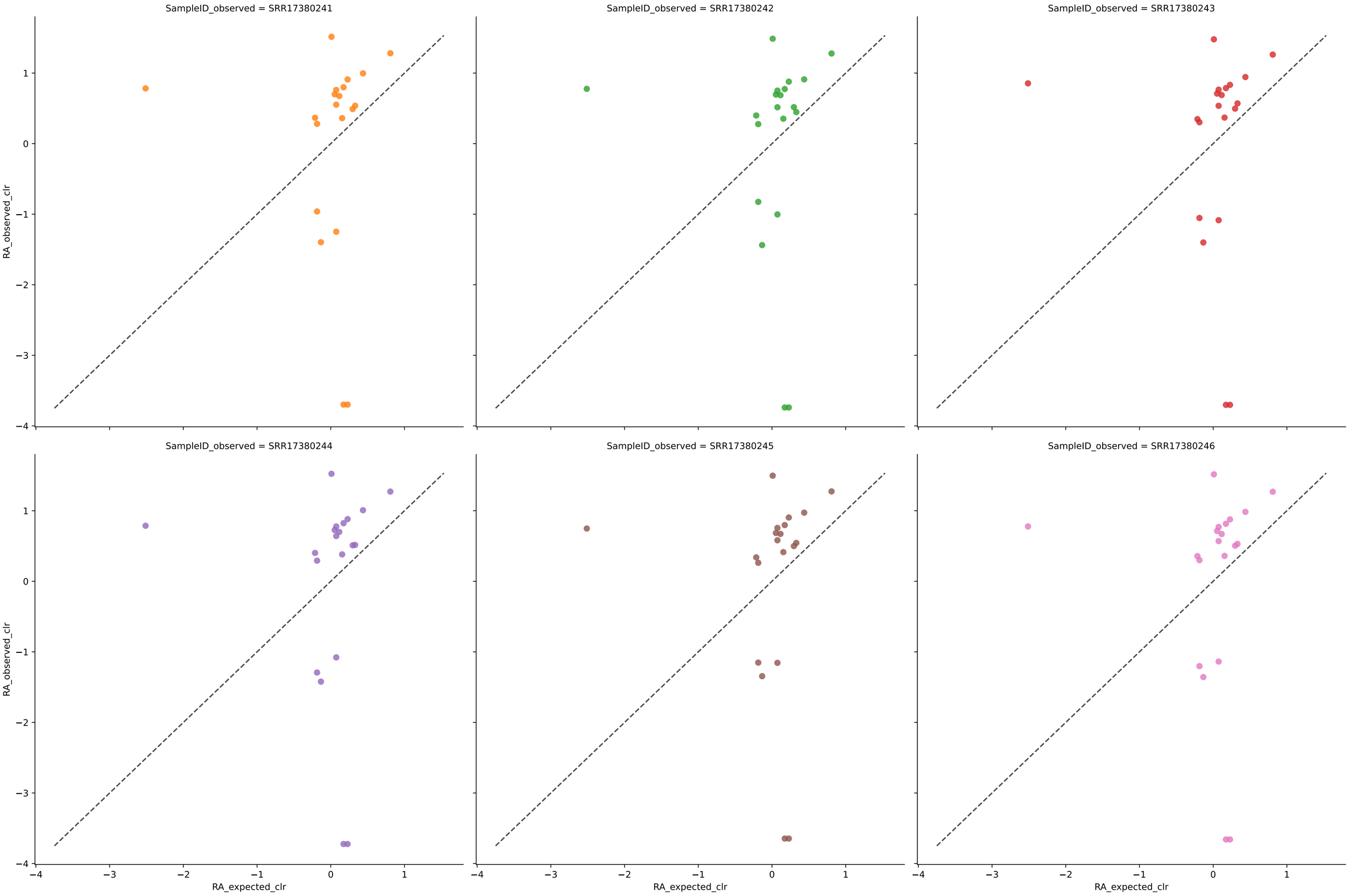
Bivariate Linear Regression for Sample MIX-D in Experiment nist (Species at filter threshold 0.0001)





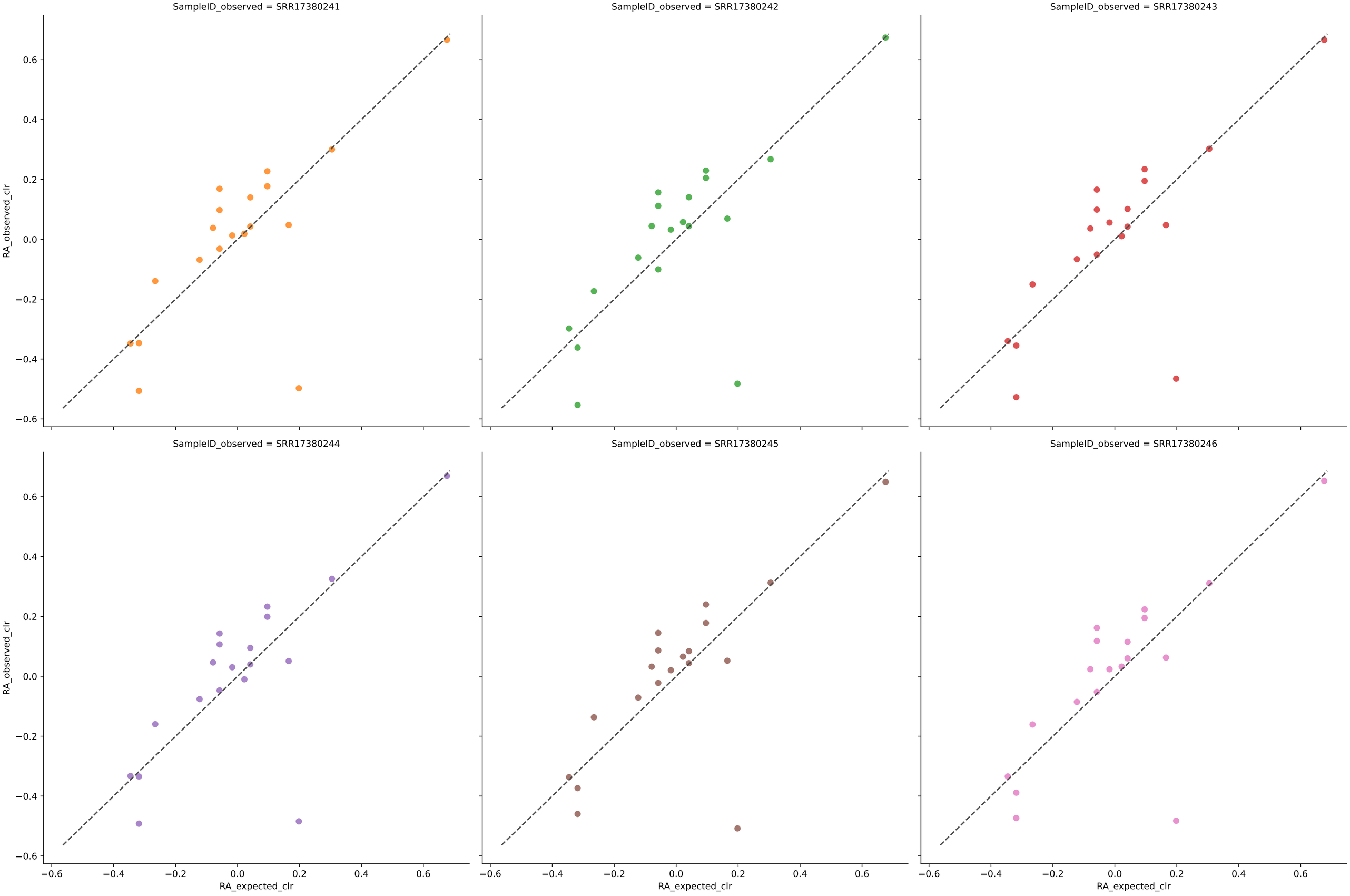
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	13	0.9395	0.0182	10.4036	0.8819	0.0312	63.6364	3.5469
biobakery4	13	0.9539	0.0150	9.9879	0.9023	0.0270	63.6364	3.2217
jams	14	0.8803	0.0269	16.2225	0.8119	0.0446	72.7273	3.6050
wgsa2	18	0.8890	0.0189	16.4008	0.8297	0.0410	90.9091	2.6146
woltka	132	0.6407	0.0057	24.1012	0.6230	0.0292	72.7273	19.7528

Expected vs. Observed Relative Abundance for genus using biobakery3 in Experiment tourlousse with filter 0.0001



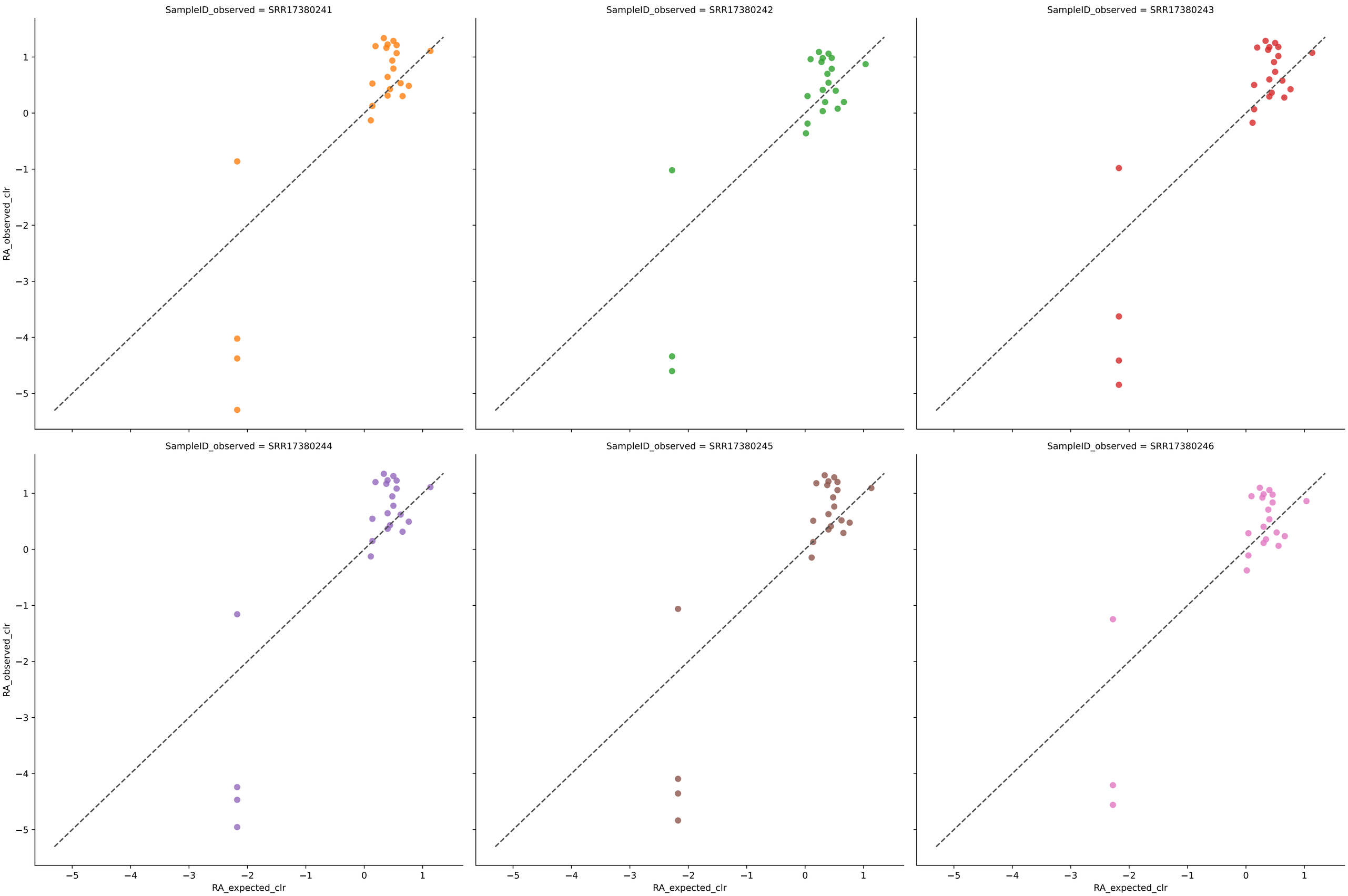
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	20	0.0697	0.0241	7.1397	0.7586	0.0336	89.4737	6.4245
SRR17380242	20	0.0655	0.0239	7.1151	0.7615	0.0333	89.4737	6.4792
SRR17380243	20	0.0568	0.0237	7.1419	0.7628	0.0335	89.4737	6.9590
SRR17380244	20	0.0660	0.0244	7.2061	0.7557	0.0336	89.4737	6.3814
SRR17380245	20	0.0764	0.0238	7.0559	0.7621	0.0332	89.4737	6.2467
SRR17380246	20	0.0677	0.0242	7.0979	0.7581	0.0337	89.4737	6.3996
Average	20	0.0670	0.0240	7.1261	0.7598	0.0335	89.4737	6.4817

Expected vs. Observed Relative Abundance for genus using biobakery4 in Experiment tourlousse with filter 0.0001



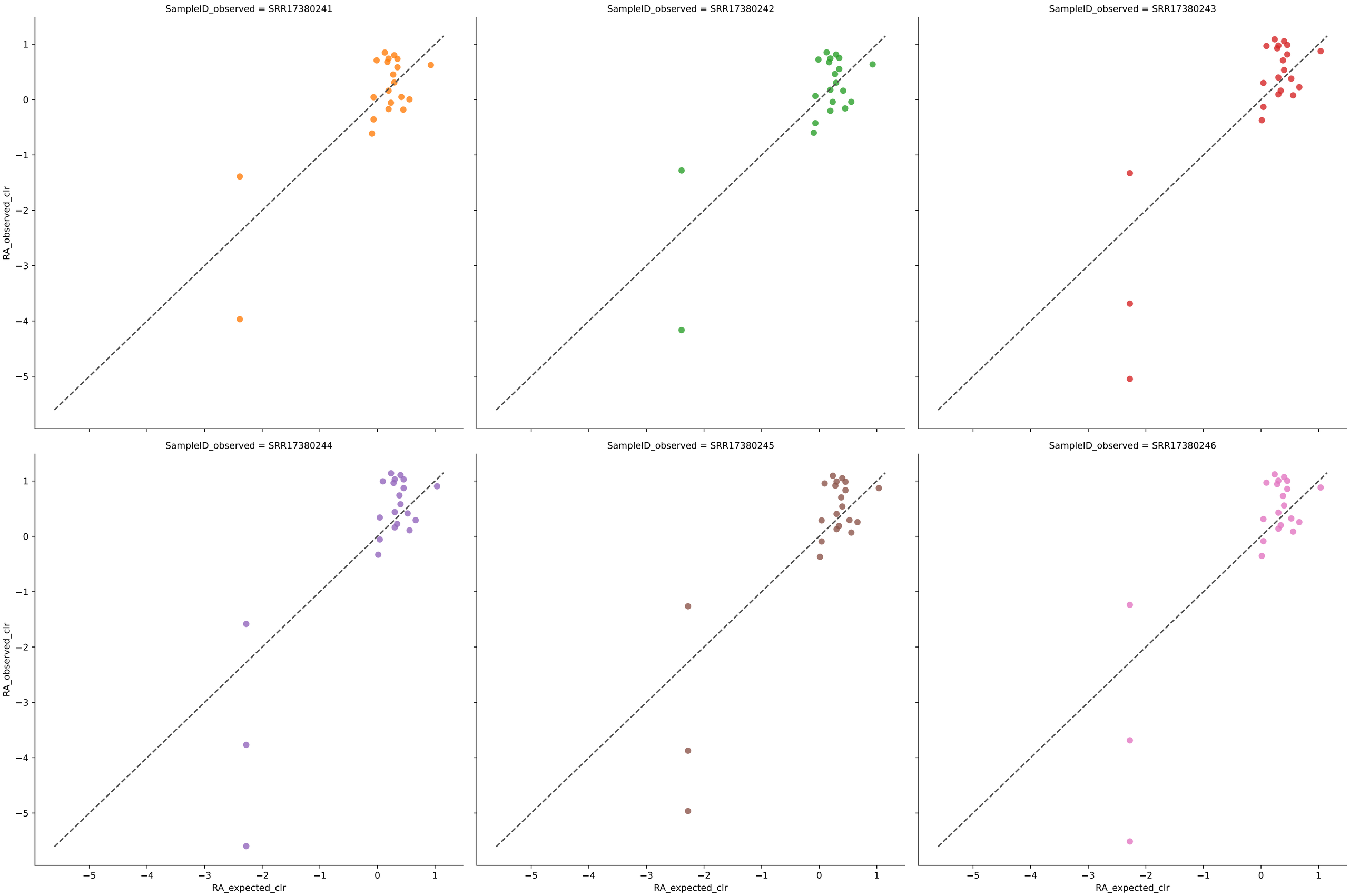
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	19	0.6779	0.0053	0.8227	0.9495	0.0087	100.0000	0.0000
SRR17380242	19	0.6811	0.0057	0.8249	0.9459	0.0087	100.0000	0.0000
SRR17380243	19	0.6885	0.0053	0.8010	0.9494	0.0086	100.0000	0.0000
SRR17380244	19	0.6919	0.0052	0.8012	0.9509	0.0085	100.0000	0.0000
SRR17380245	19	0.6771	0.0052	0.8138	0.9506	0.0086	100.0000	0.0000
SRR17380246	19	0.6850	0.0052	0.7995	0.9511	0.0086	100.0000	0.0000
Average	19	0.6836	0.0053	0.8105	0.9496	0.0086	100.0000	0.0000

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



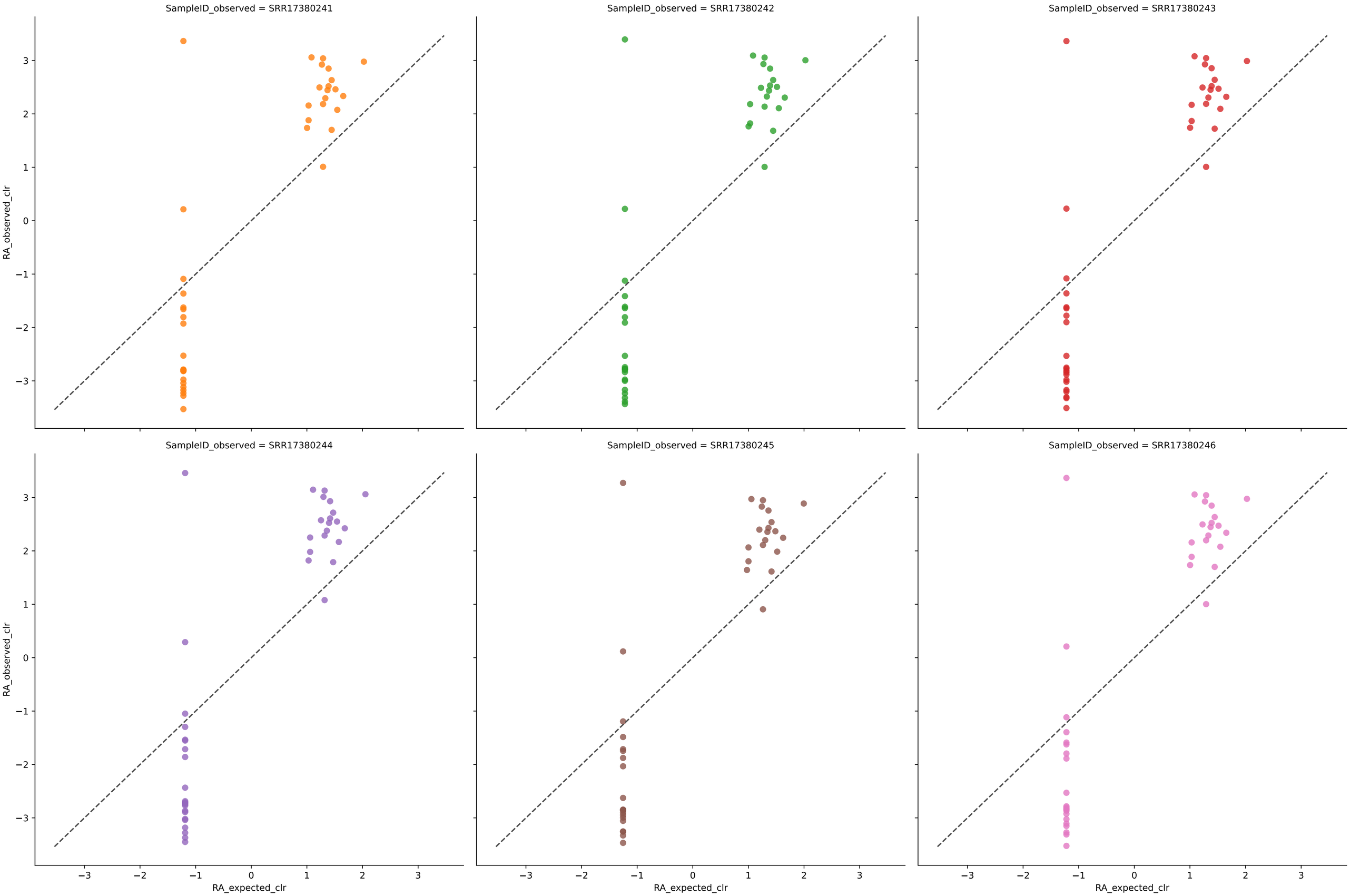
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	23	0.4329	0.0168	5.0115	0.8063	0.0209	100.0000	1.0164
SRR17380242	22	0.3663	0.0176	3.9211	0.8069	0.0214	100.0000	1.0831
SRR17380243	23	0.4386	0.0168	4.5436	0.8072	0.0208	100.0000	0.9713
SRR17380244	23	0.4414	0.0167	4.8766	0.8083	0.0208	100.0000	0.7624
SRR17380245	23	0.4372	0.0168	4.6883	0.8073	0.0209	100.0000	0.8618
SRR17380246	22	0.3662	0.0177	3.7576	0.8058	0.0214	100.0000	0.8832
Average	23	0.4138	0.0170	4.4665	0.8070	0.0210	100.0000	0.9297

Expected vs. Observed Relative Abundance for genus using jams202212 in Experiment tourlousse with filter 0.0001



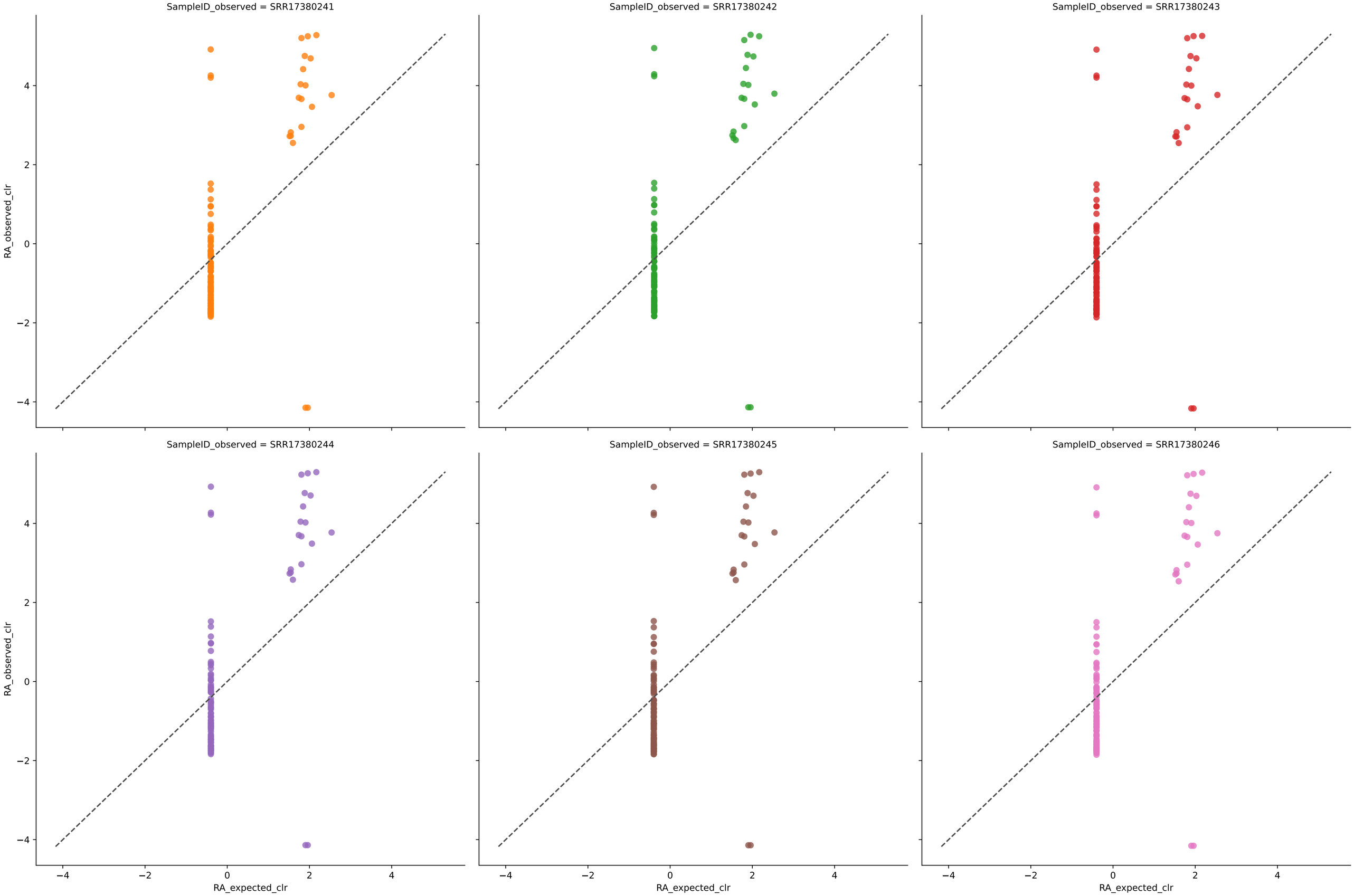
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	21	0.2753	0.0184	2.6656	0.8065	0.0219	100.0000	0.9661
SRR17380242	21	0.2753	0.0184	2.8337	0.8070	0.0219	100.0000	1.0511
SRR17380243	22	0.3741	0.0175	3.8325	0.8073	0.0213	100.0000	0.8345
SRR17380244	22	0.3780	0.0174	4.2602	0.8088	0.0213	100.0000	0.6267
SRR17380245	22	0.3722	0.0175	3.8587	0.8077	0.0213	100.0000	0.8737
SRR17380246	22	0.3669	0.0176	4.2207	0.8060	0.0214	100.0000	0.8813
Average	22	0.3403	0.0178	3.6119	0.8072	0.0215	100.0000	0.8722

Expected vs. Observed Relative Abundance for genus using wgsa2 in Experiment tourlousse with filter 0.0001



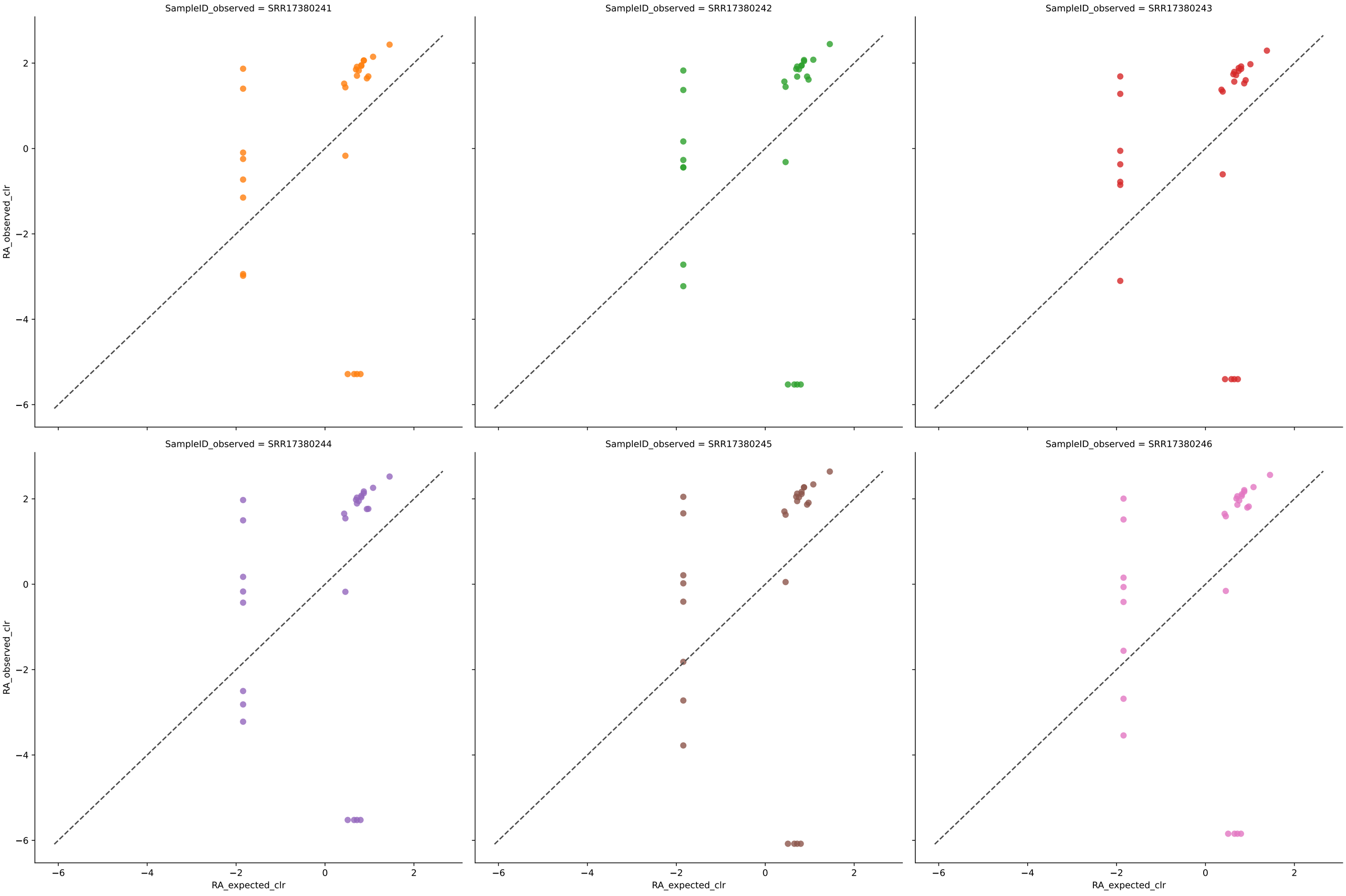
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	40	0.4480	0.0121	9.4930	0.7583	0.0237	100.0000	12.4635
SRR17380242	40	0.4382	0.0122	9.5474	0.7559	0.0241	100.0000	12.6578
SRR17380243	40	0.4502	0.0121	9.5464	0.7585	0.0236	100.0000	12.3817
SRR17380244	41	0.4532	0.0118	9.7693	0.7584	0.0235	100.0000	12.5287
SRR17380245	39	0.4401	0.0124	9.1905	0.7590	0.0240	100.0000	12.4393
SRR17380246	40	0.4484	0.0121	9.5081	0.7588	0.0237	100.0000	12.4566
Average	40	0.4464	0.0121	9.5091	0.7582	0.0238	100.0000	12.4879

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



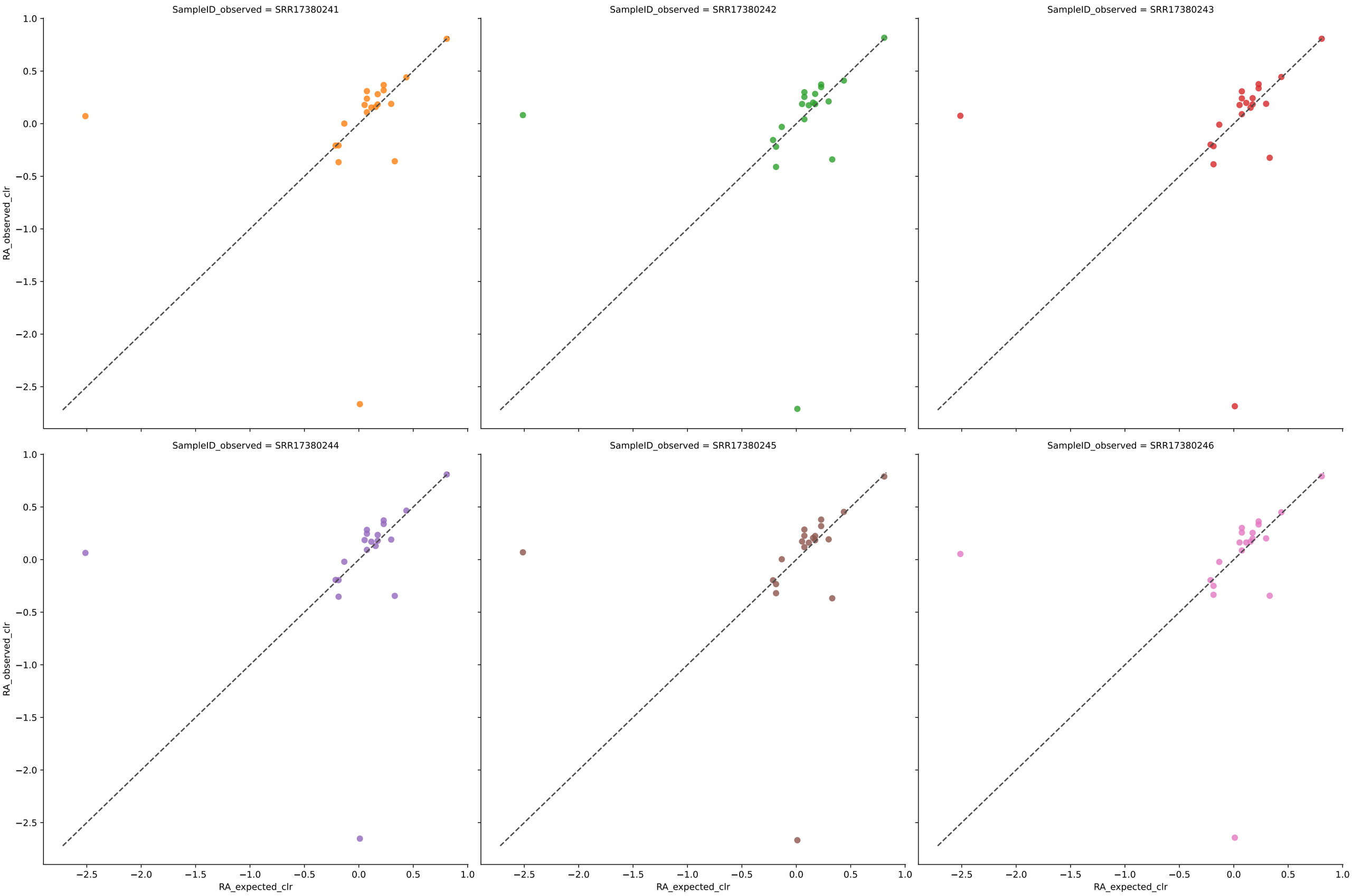
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	107	0.3903	0.0082	17.3513	0.5588	0.0202	89.4737	21.2872
SRR17380242	110	0.3940	0.0080	17.4287	0.5594	0.0197	89.4737	21.7813
SRR17380243	107	0.3907	0.0082	17.3389	0.5587	0.0201	89.4737	21.3055
SRR17380244	108	0.3900	0.0082	17.4284	0.5580	0.0201	89.4737	21.2406
SRR17380245	108	0.3904	0.0082	17.3962	0.5580	0.0201	89.4737	21.1979
SRR17380246	107	0.3893	0.0083	17.3566	0.5578	0.0202	89.4737	21.1999
Average	108	0.3908	0.0082	17.3834	0.5584	0.0201	89.4737	21.3354

Expected vs. Observed Relative Abundance for species using biobakery3 in Experiment tourlousse with filter 0.0001



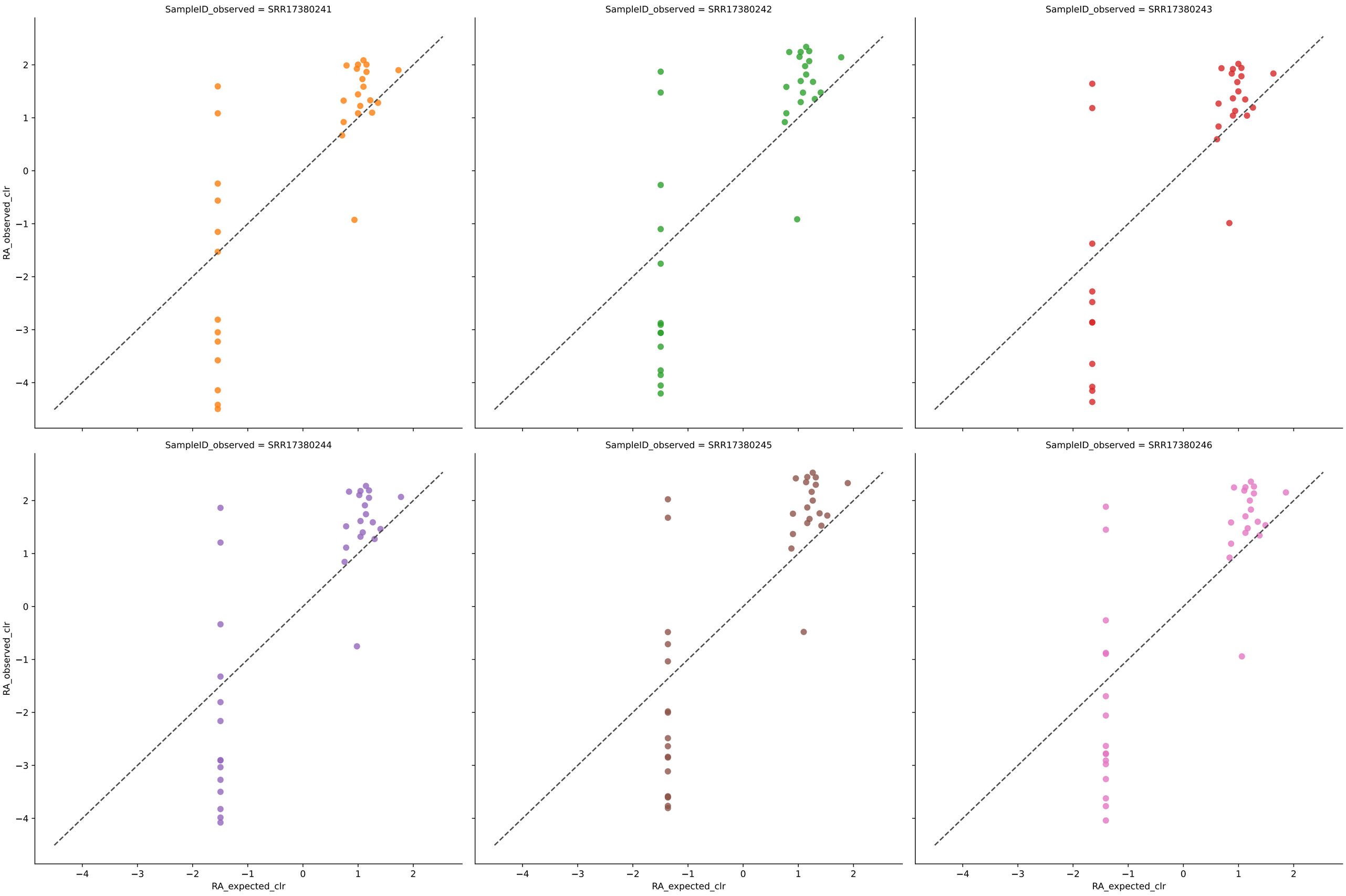
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	27	0.4201	0.0177	13.8510	0.7616	0.0246	78.9474	12.1776
SRR17380242	27	0.4168	0.0179	14.3779	0.7589	0.0245	78.9474	12.4936
SRR17380243	26	0.3908	0.0183	13.8552	0.7623	0.0249	78.9474	12.2299
SRR17380244	27	0.4169	0.0178	14.5150	0.7595	0.0247	78.9474	12.0670
SRR17380245	27	0.4213	0.0175	15.6887	0.7631	0.0246	78.9474	12.2074
SRR17380246	27	0.4182	0.0177	15.1314	0.7612	0.0246	78.9474	12.1748
Average	27	0.4140	0.0178	14.5699	0.7611	0.0246	78.9474	12.2250

Expected vs. Observed Relative Abundance for species using biobakery4 in Experiment tourlousse with filter 0.0001



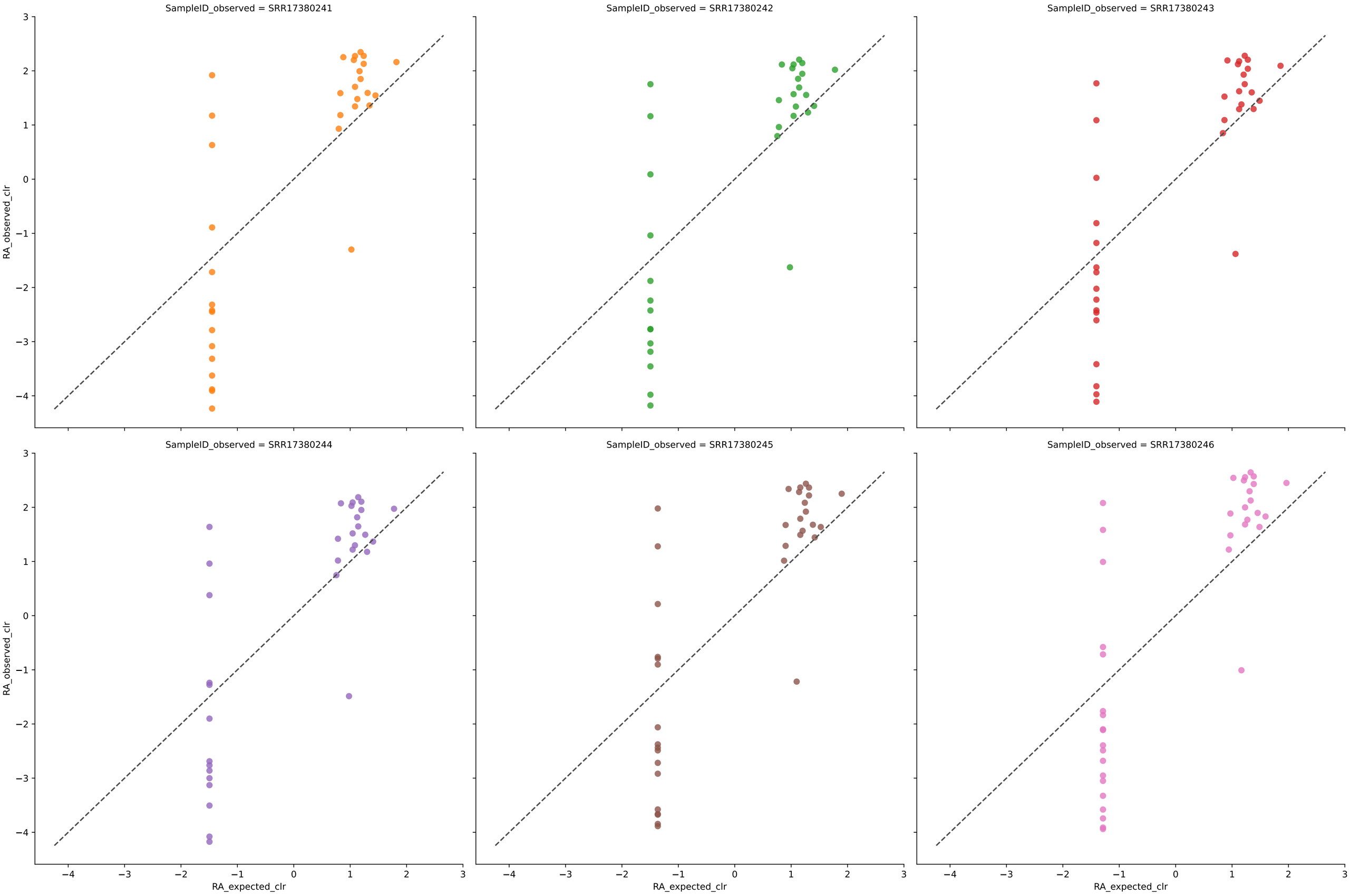
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	20	0.3281	0.0096	3.8092	0.9043	0.0169	94.7368	4.7301
SRR17380242	20	0.3288	0.0099	3.8478	0.9008	0.0170	94.7368	4.7592
SRR17380243	20	0.3319	0.0096	3.8206	0.9042	0.0168	94.7368	4.7396
SRR17380244	20	0.3375	0.0094	3.7895	0.9058	0.0168	94.7368	4.6947
SRR17380245	20	0.3249	0.0095	3.8067	0.9054	0.0169	94.7368	4.7237
SRR17380246	20	0.3355	0.0094	3.7761	0.9059	0.0167	94.7368	4.6524
Average	20	0.3311	0.0096	3.8083	0.9044	0.0168	94.7368	4.7166

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



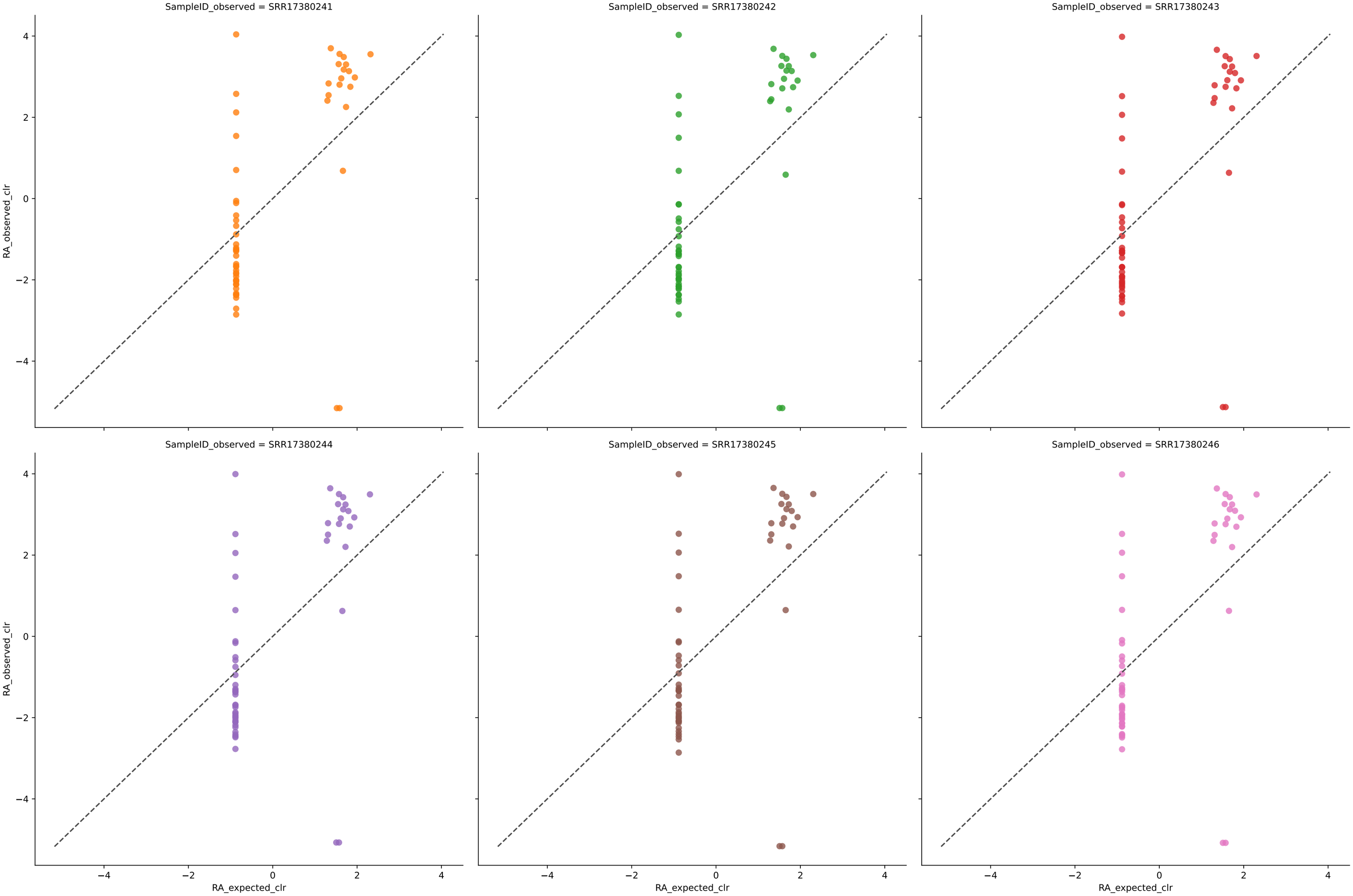
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	32	0.5267	0.0148	8.0332	0.7624	0.0204	100.0000	9.9487
SRR17380242	33	0.5318	0.0143	8.5536	0.7632	0.0205	100.0000	9.7779
SRR17380243	30	0.4759	0.0157	7.5652	0.7646	0.0217	100.0000	9.6921
SRR17380244	33	0.5394	0.0142	8.0538	0.7652	0.0203	100.0000	9.4463
SRR17380245	36	0.5733	0.0131	8.6583	0.7633	0.0194	100.0000	9.7728
SRR17380246	35	0.5569	0.0137	8.1064	0.7605	0.0198	100.0000	10.0981
Average	33	0.5340	0.0143	8.1617	0.7632	0.0204	100.0000	9.7893

Expected vs. Observed Relative Abundance for species using jams202212 in Experiment tourlousse with filter 0.0001



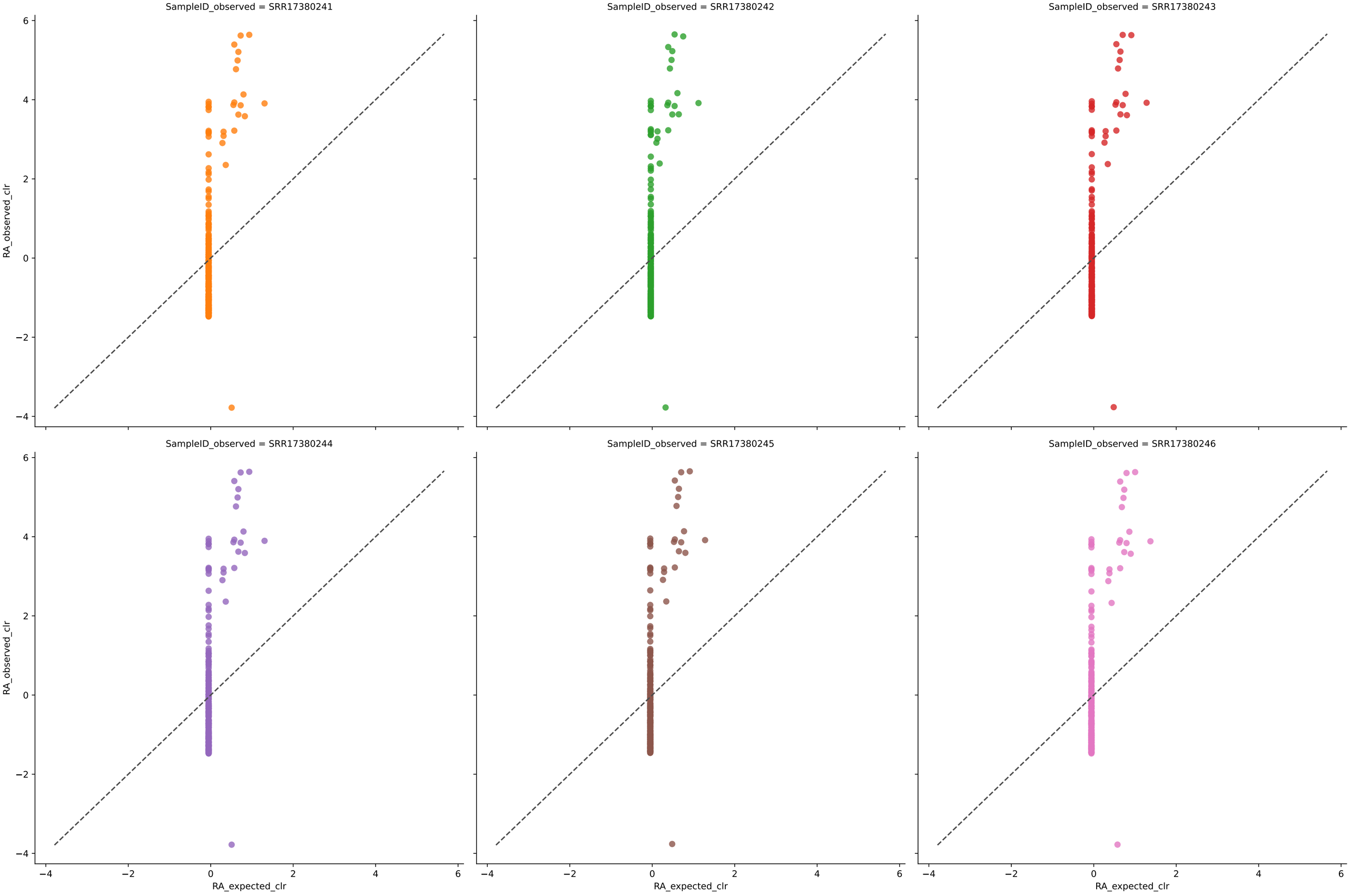
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	34	0.5456	0.0141	8.5941	0.7602	0.0201	100.0000	9.9770
SRR17380242	33	0.5341	0.0145	7.9152	0.7615	0.0204	100.0000	9.8127
SRR17380243	35	0.5727	0.0136	7.8318	0.7625	0.0194	100.0000	9.5836
SRR17380244	33	0.5490	0.0144	7.8213	0.7631	0.0200	100.0000	9.4263
SRR17380245	36	0.5754	0.0133	8.5940	0.7613	0.0194	100.0000	9.8442
SRR17380246	38	0.5953	0.0127	9.2907	0.7593	0.0187	100.0000	10.0770
Average	35	0.5620	0.0137	8.3412	0.7613	0.0197	100.0000	9.7868

Expected vs. Observed Relative Abundance for species using wgsa2 in Experiment tourlousse with filter 0.0001



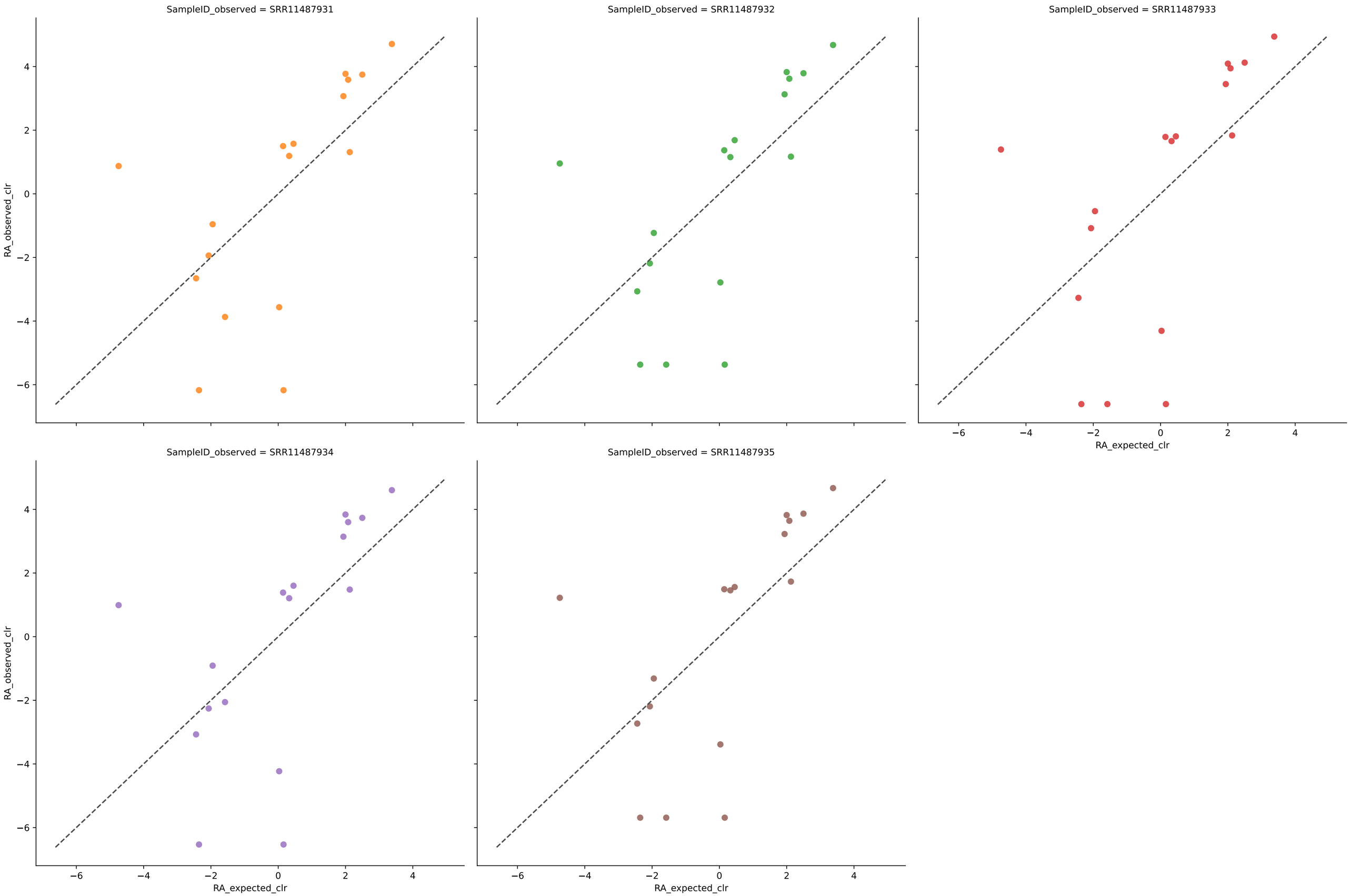
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	55	0.3940	0.0113	14.5483	0.6893	0.0236	89.4737	20.2132
SRR17380242	54	0.3825	0.0115	14.4340	0.6886	0.0242	89.4737	20.3473
SRR17380243	54	0.3927	0.0115	14.3549	0.6897	0.0238	89.4737	20.0621
SRR17380244	54	0.3889	0.0115	14.2751	0.6906	0.0239	89.4737	20.2010
SRR17380245	54	0.3911	0.0115	14.3886	0.6905	0.0238	89.4737	20.1429
SRR17380246	54	0.3908	0.0115	14.2942	0.6902	0.0238	89.4737	20.1791
Average	54	0.3900	0.0115	14.3825	0.6898	0.0238	89.4737	20.1909

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



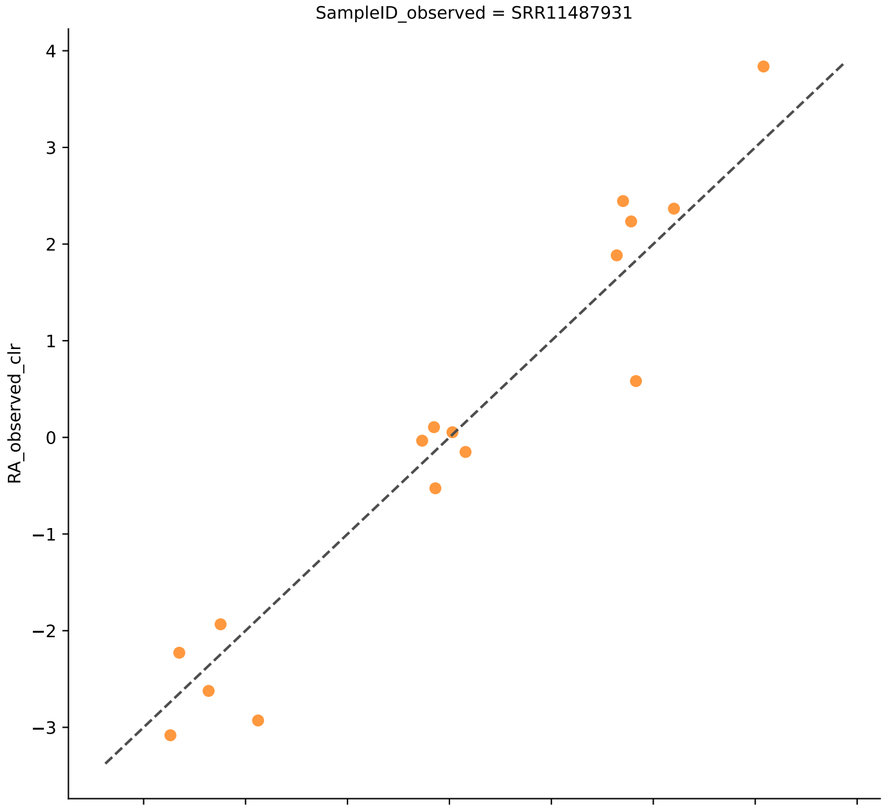
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	257	0.4757	0.0037	23.8898	0.5219	0.0115	94.7368	26.0628
SRR17380242	264	0.4792	0.0036	24.4419	0.5223	0.0112	94.7368	26.6495
SRR17380243	258	0.4766	0.0037	23.9925	0.5222	0.0115	94.7368	26.0630
SRR17380244	257	0.4740	0.0037	23.8790	0.5213	0.0115	94.7368	26.0586
SRR17380245	258	0.4745	0.0037	23.9889	0.5212	0.0115	94.7368	26.0049
SRR17380246	254	0.4736	0.0038	23.6207	0.5213	0.0116	94.7368	26.0269
Average	258	0.4756	0.0037	23.9688	0.5217	0.0115	94.7368	26.1443

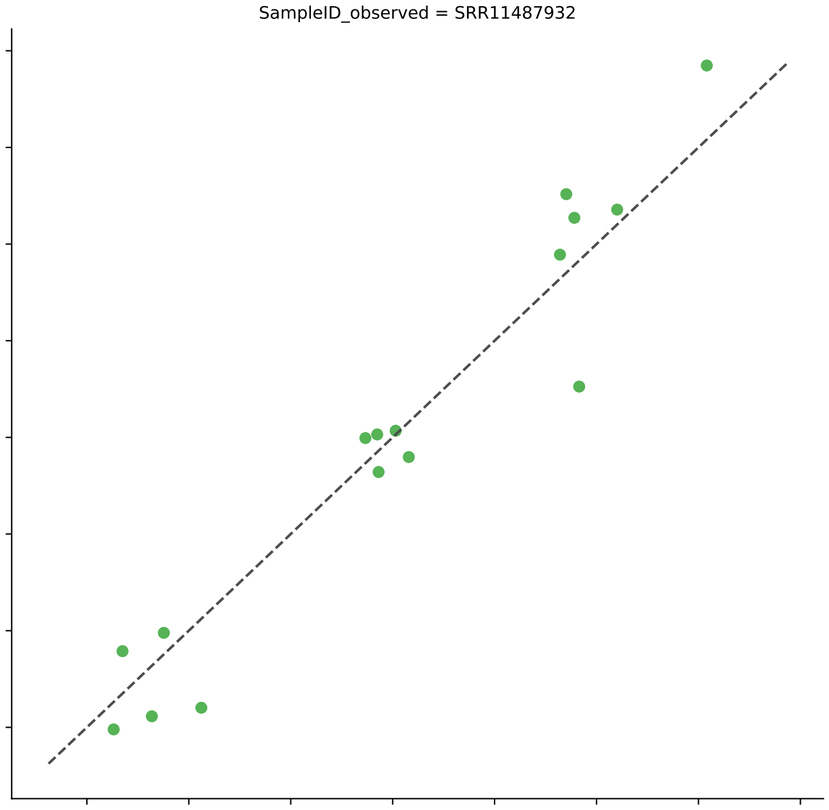
Expected vs. Observed Relative Abundance for genus using biobakery3 in Experiment Amos hilo with filter 0.0001

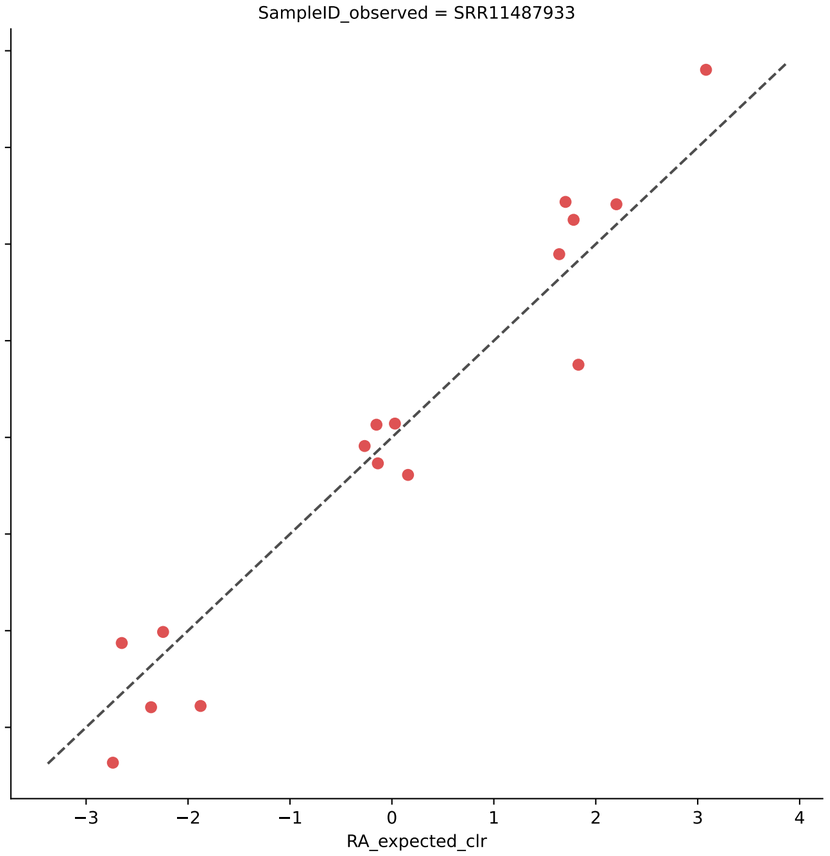


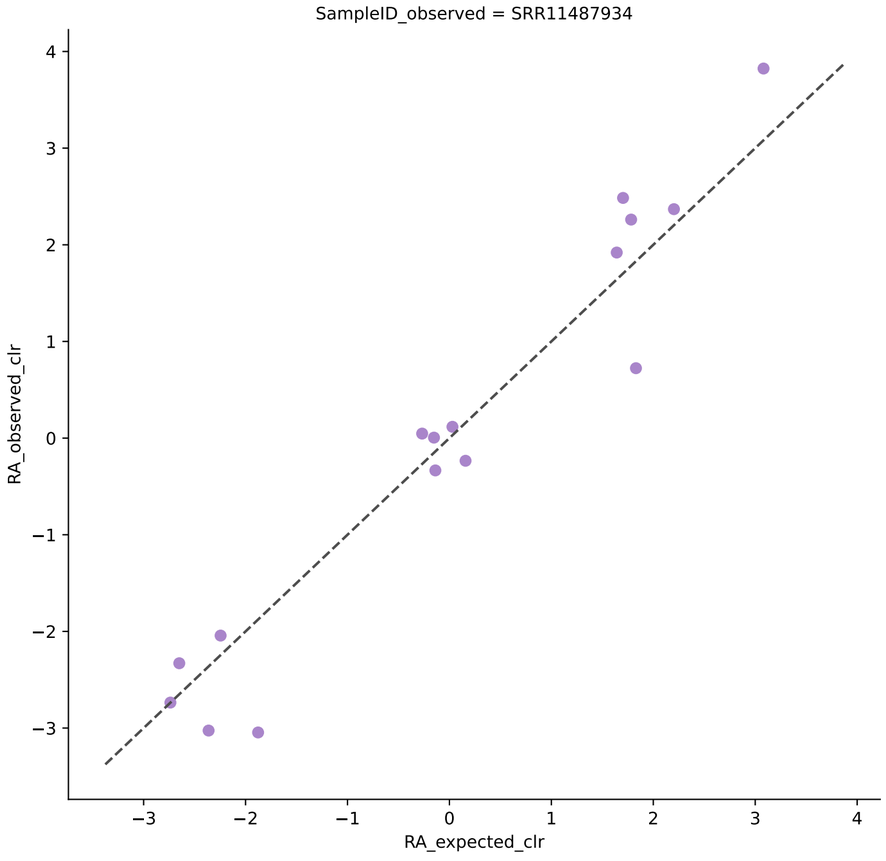
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	17	0.9182	0.0168	10.9513	0.8570	0.0303	87.5000	0.8751
SRR11487932	17	0.9074	0.0165	10.5054	0.8594	0.0309	81.2500	0.9388
SRR11487933	17	0.9109	0.0157	13.0720	0.8669	0.0293	81.2500	1.0776
SRR11487934	17	0.9000	0.0154	11.3667	0.8692	0.0309	87.5000	1.0047
SRR11487935	17	0.9153	0.0149	11.1975	0.8735	0.0283	81.2500	1.1836
Average	17	0.9104	0.0159	11.4186	0.8652	0.0299	83.7500	1.0160

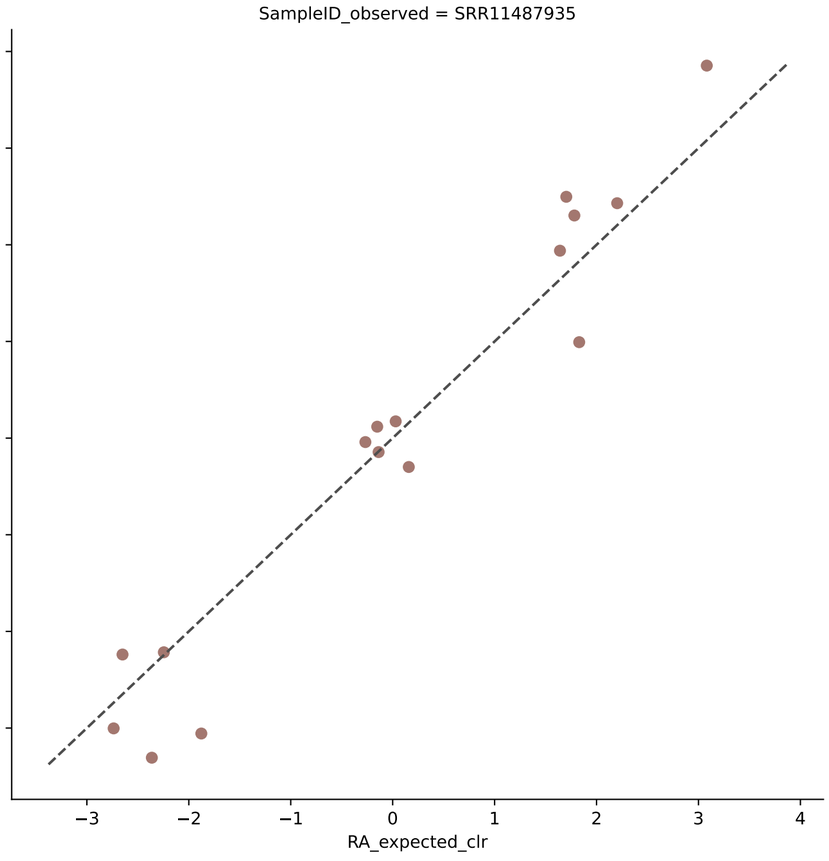
Expected vs. Observed Relative Abundance for genus using biobakery4 in Experiment Amos hilo with filter 0.0001





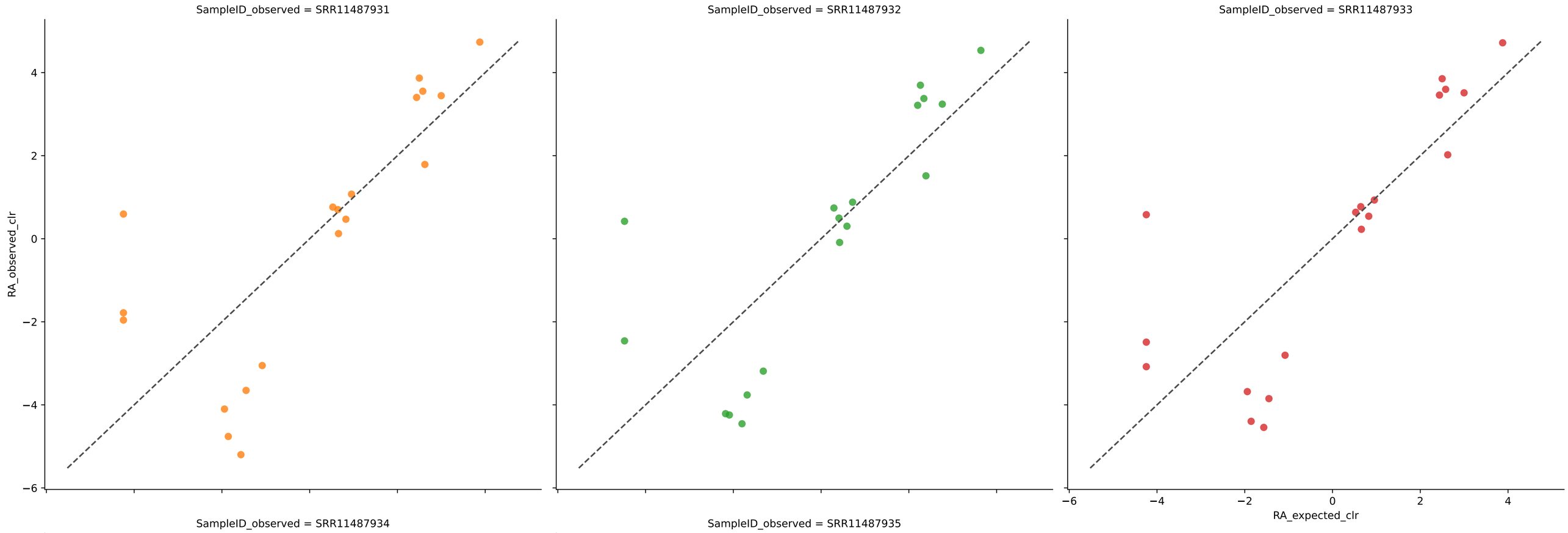






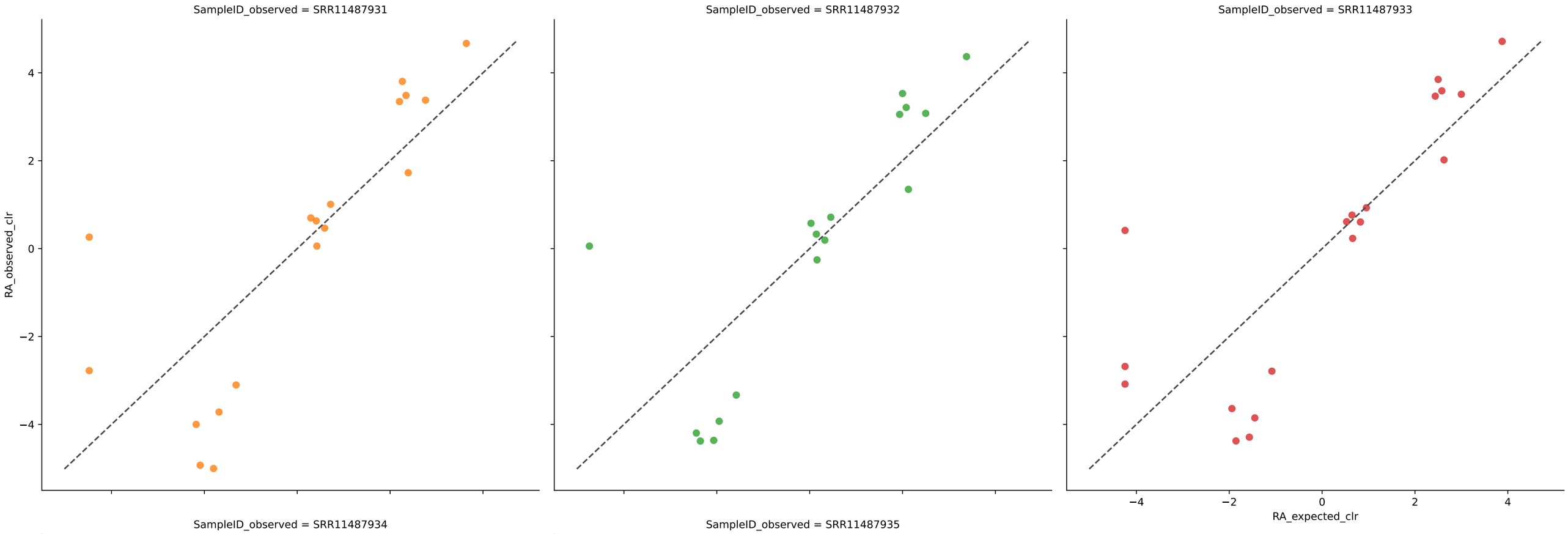
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	16	0.9209	0.0215	2.2141	0.8278	0.0429	100.0000	0.0000
SRR11487932	16	0.9174	0.0223	2.2360	0.8219	0.0430	100.0000	0.0000
SRR11487933	16	0.9296	0.0200	2.1698	0.8398	0.0392	100.0000	0.0000
SRR11487934	16	0.9241	0.0210	2.2345	0.8324	0.0406	100.0000	0.0000
SRR11487935	16	0.9312	0.0201	2.2836	0.8391	0.0388	100.0000	0.0000
Average	16	0.9247	0.0210	2.2276	0.8322	0.0409	100.0000	0.0000

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



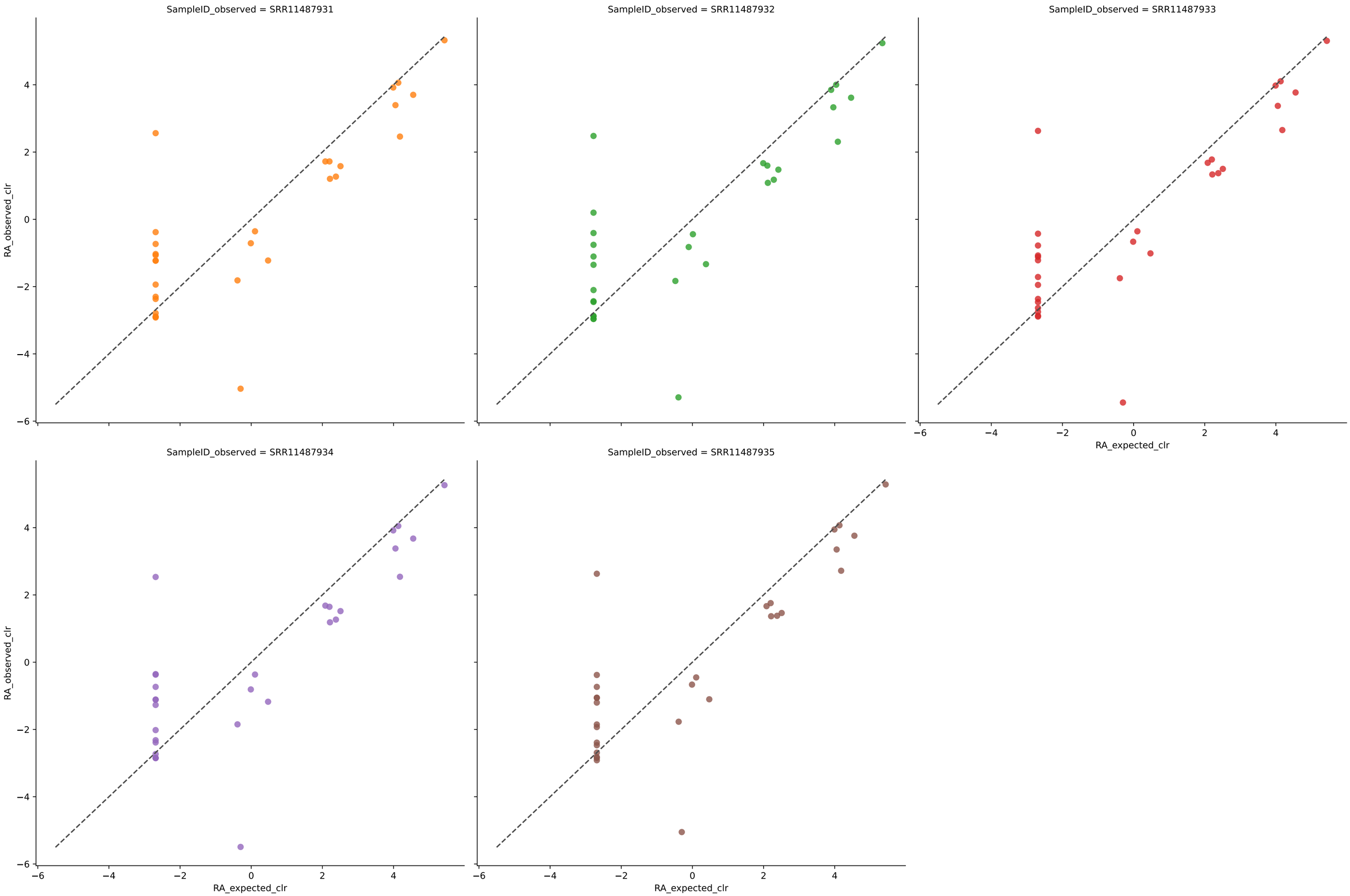
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	19	0.9072	0.0186	8.6952	0.8233	0.0312	100.0000	0.7685
SRR11487932	18	0.8999	0.0198	7.6305	0.8218	0.0327	100.0000	0.7049
SRR11487933	19	0.9149	0.0175	7.7663	0.8337	0.0289	100.0000	0.6833
SRR11487934	18	0.9049	0.0193	7.8571	0.8262	0.0314	100.0000	0.7414
SRR11487935	19	0.9201	0.0174	8.6408	0.8348	0.0283	100.0000	0.8156
Average	19	0.9094	0.0185	8.1180	0.8280	0.0305	100.0000	0.7428

Expected vs. Observed Relative Abundance for genus using jams202212 in Experiment Amos hilo with filter 0.0001



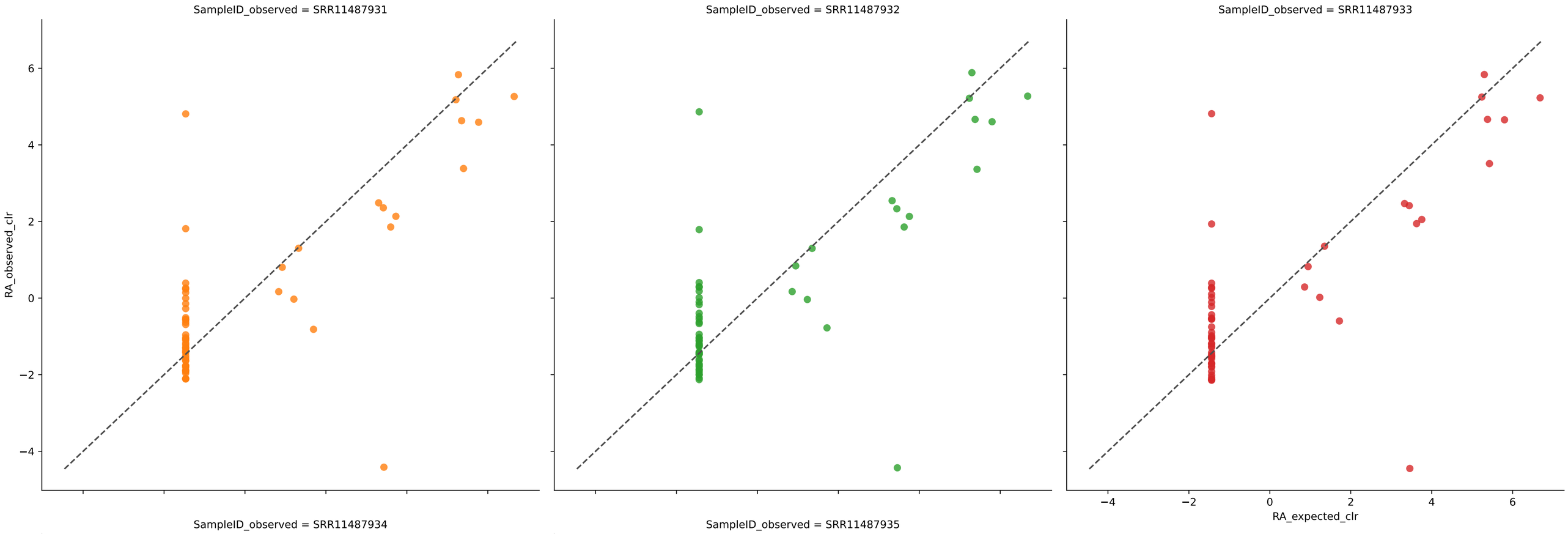
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	18	0.9058	0.0196	7.8511	0.8239	0.0321	100.0000	0.5271
SRR11487932	17	0.8987	0.0209	7.0615	0.8225	0.0337	100.0000	0.5485
SRR11487933	19	0.9151	0.0175	7.5056	0.8341	0.0289	100.0000	0.5822
SRR11487934	18	0.9050	0.0193	7.5211	0.8267	0.0314	100.0000	0.5465
SRR11487935	17	0.9174	0.0193	7.4883	0.8356	0.0300	100.0000	0.5483
Average	18	0.9084	0.0193	7.4855	0.8286	0.0312	100.0000	0.5505

Expected vs. Observed Relative Abundance for genus using wgsa2 in Experiment Amos hilo with filter 0.0001



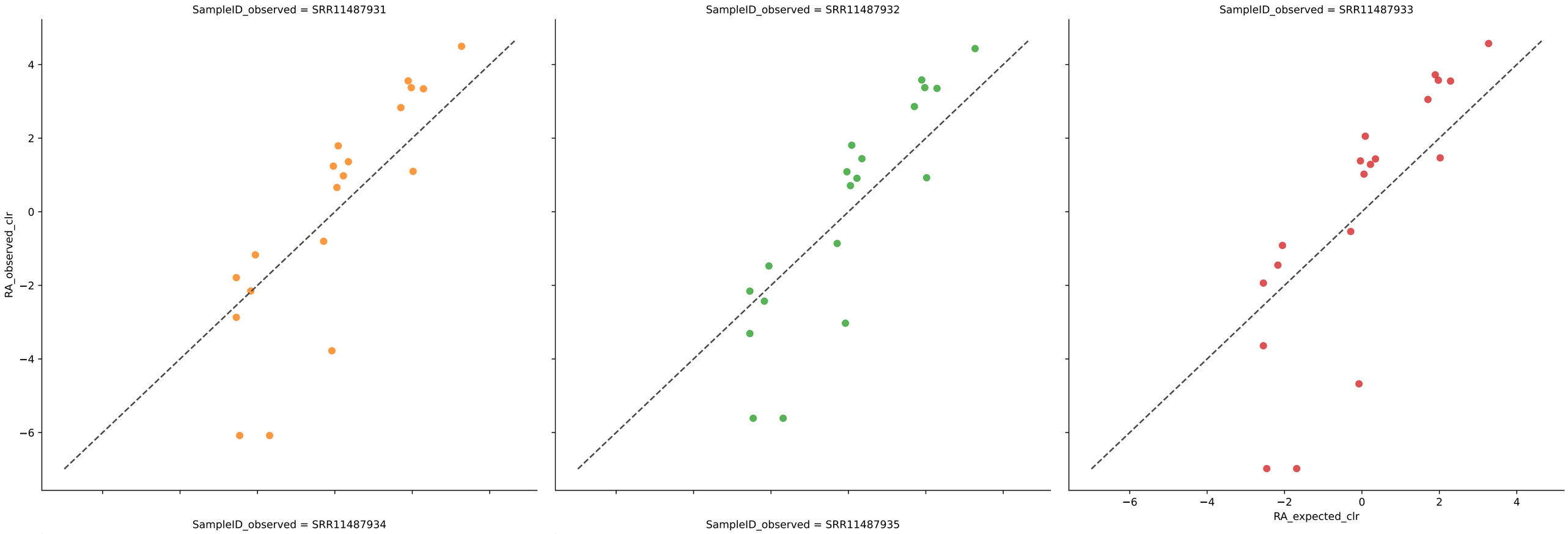
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	30	0.9123	0.0131	9.1085	0.8034	0.0280	100.0000	3.6632
SRR11487932	29	0.9102	0.0137	9.4455	0.8008	0.0285	100.0000	3.8162
SRR11487933	30	0.9192	0.0126	9.1518	0.8111	0.0257	100.0000	3.7572
SRR11487934	30	0.9163	0.0128	9.4864	0.8081	0.0264	100.0000	3.7870
SRR11487935	30	0.9223	0.0123	8.9791	0.8149	0.0251	100.0000	3.8416
Average	30	0.9161	0.0129	9.2342	0.8077	0.0268	100.0000	3.7730

Expected vs. Observed Relative Abundance for genus using woltka in Experiment Amos hilo with filter 0.0001



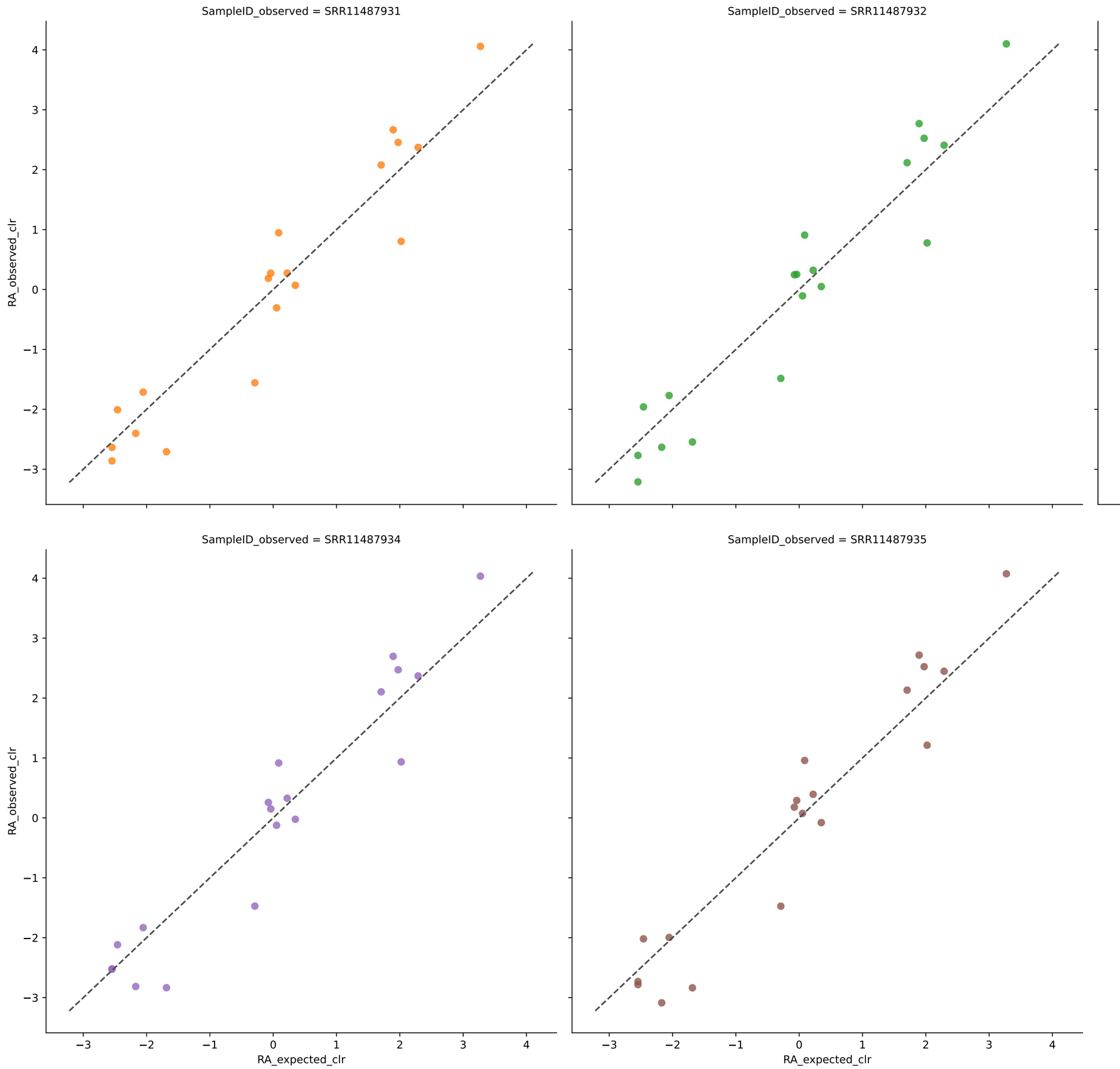
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	55	0.4512	0.0148	12.6486	0.5933	0.0449	93.7500	12.7959
SRR11487932	56	0.4342	0.0148	12.7220	0.5849	0.0456	93.7500	12.9989
SRR11487933	56	0.4428	0.0146	12.6679	0.5915	0.0448	93.7500	12.6912
SRR11487934	54	0.4562	0.0149	12.5359	0.5983	0.0449	93.7500	12.4913
SRR11487935	57	0.4508	0.0142	12.6337	0.5961	0.0440	93.7500	12.6258
Average	56	0.4471	0.0147	12.6416	0.5928	0.0449	93.7500	12.7206

Expected vs. Observed Relative Abundance for species using biobakery3 in Experiment Amos hilo with filter 0.0001



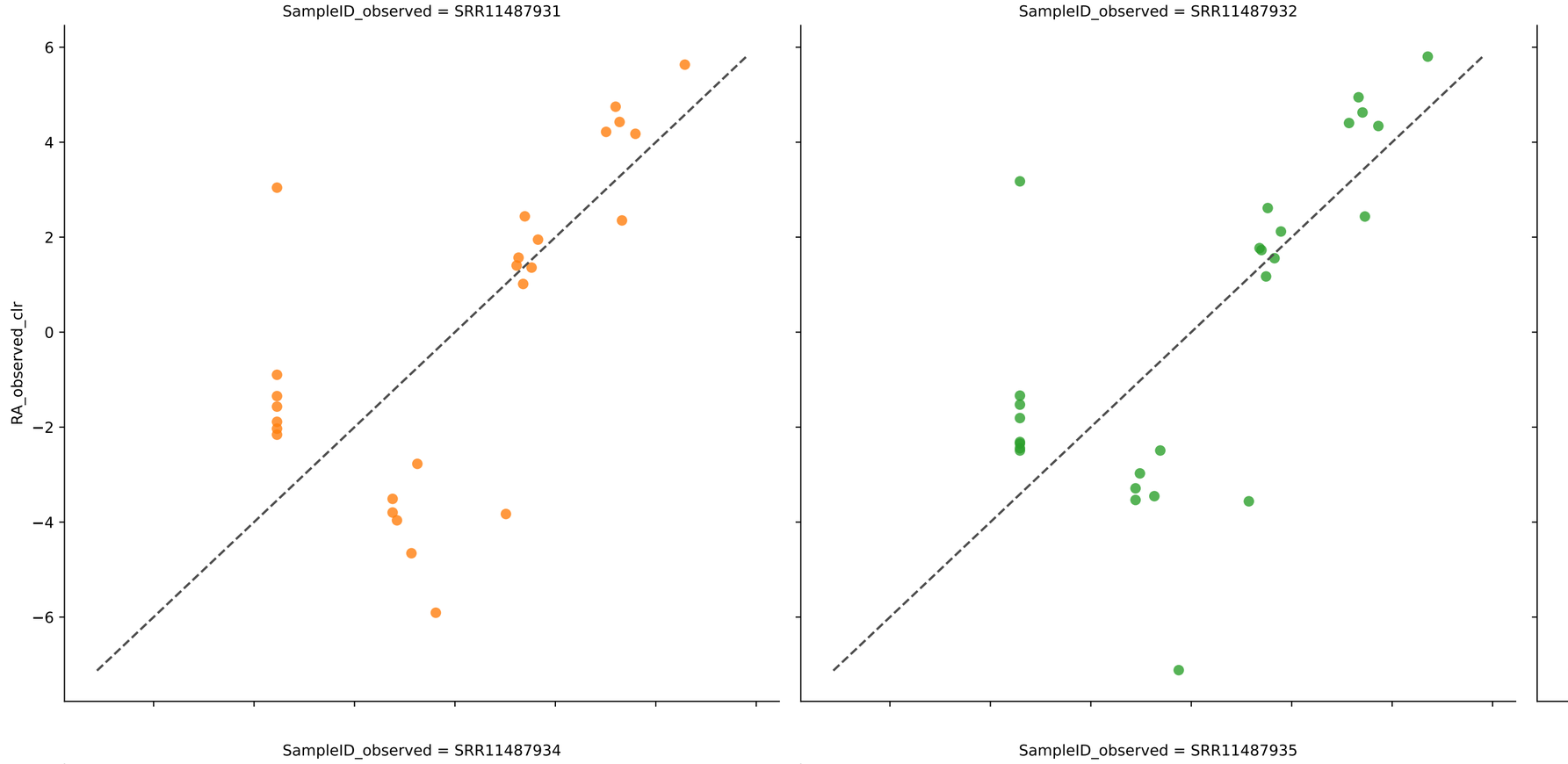
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	19	0.9172	0.0153	7.9875	0.8547	0.0286	89.4737	0.0000
SRR11487932	19	0.9064	0.0149	7.1893	0.8588	0.0292	89.4737	0.0000
SRR11487933	19	0.9102	0.0138	9.6700	0.8691	0.0275	89.4737	0.0000
SRR11487934	20	0.9001	0.0139	9.3773	0.8608	0.0286	89.4737	0.0477
SRR11487935	19	0.9147	0.0132	7.7885	0.8749	0.0266	89.4737	0.0000
Average	19	0.9097	0.0142	8.4025	0.8637	0.0281	89.4737	0.0095

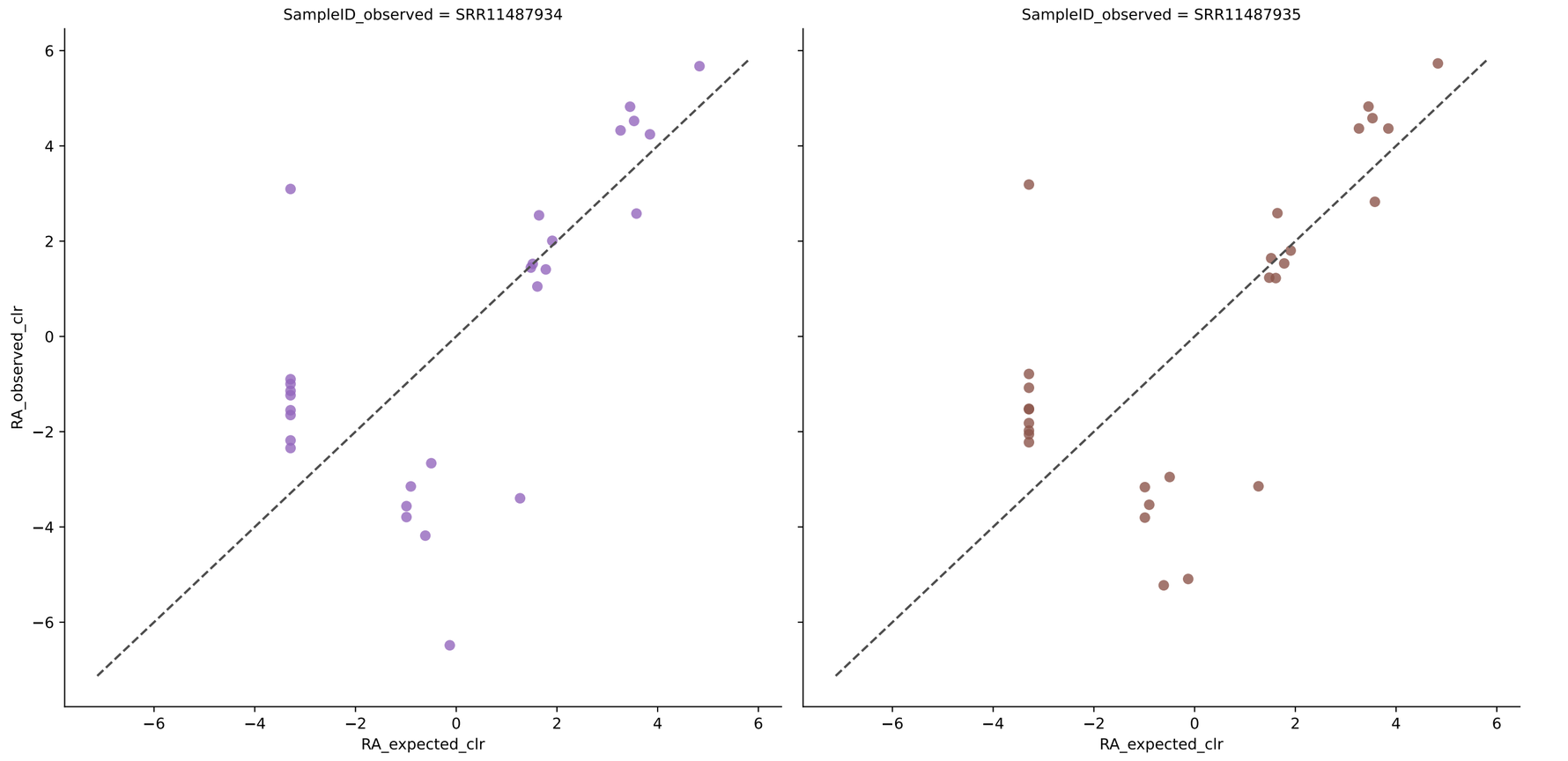
Expected vs. Observed Relative Abundance for species using biobakery4 in Experiment Amos hilo with filter 0.0001



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	19	0.9202	0.0189	2.7055	0.8205	0.0397	100.0000	0.0000
SRR11487932	19	0.9183	0.0193	2.7692	0.8164	0.0397	100.0000	0.0000
SRR11487933	19	0.9283	0.0177	2.6827	0.8318	0.0364	100.0000	0.0000
SRR11487934	19	0.9237	0.0184	2.6704	0.8256	0.0376	100.0000	0.0000
SRR11487935	19	0.9309	0.0176	2.7348	0.8326	0.0359	100.0000	0.0000
Average	19	0.9243	0.0184	2.7125	0.8254	0.0379	100.0000	0.0000

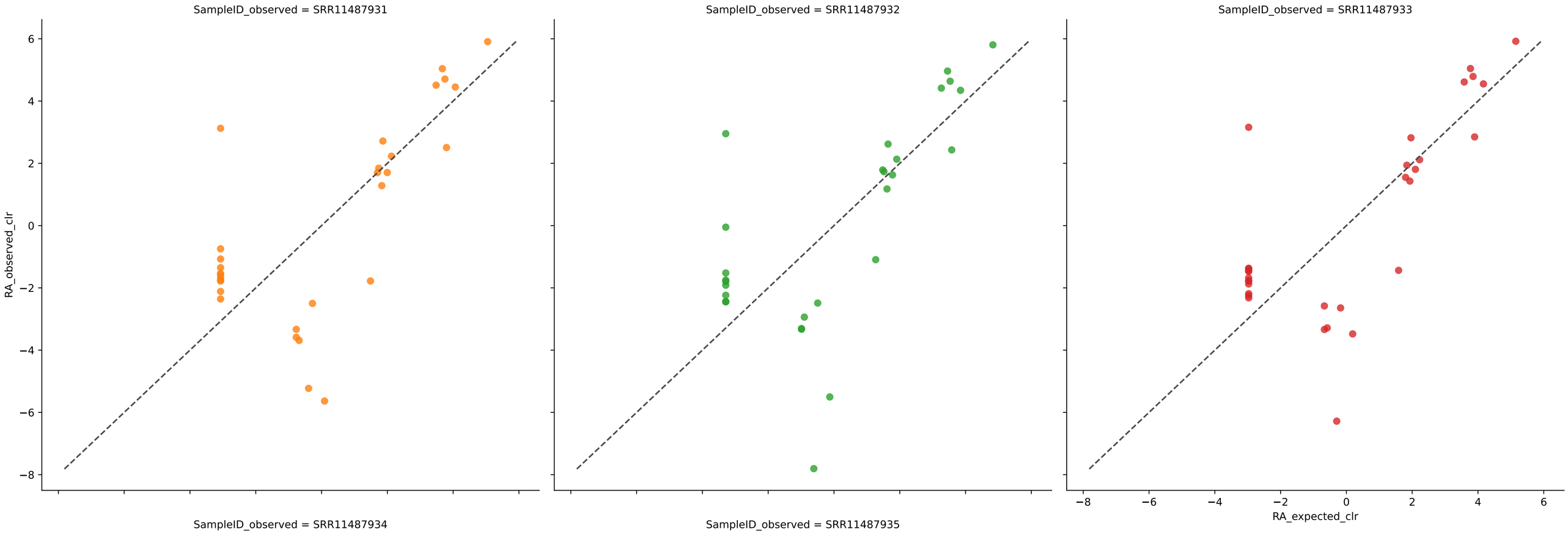
Expected vs. Observed Relative Abundance for species using jams in Experiment Amos hilo with filter 0.0001





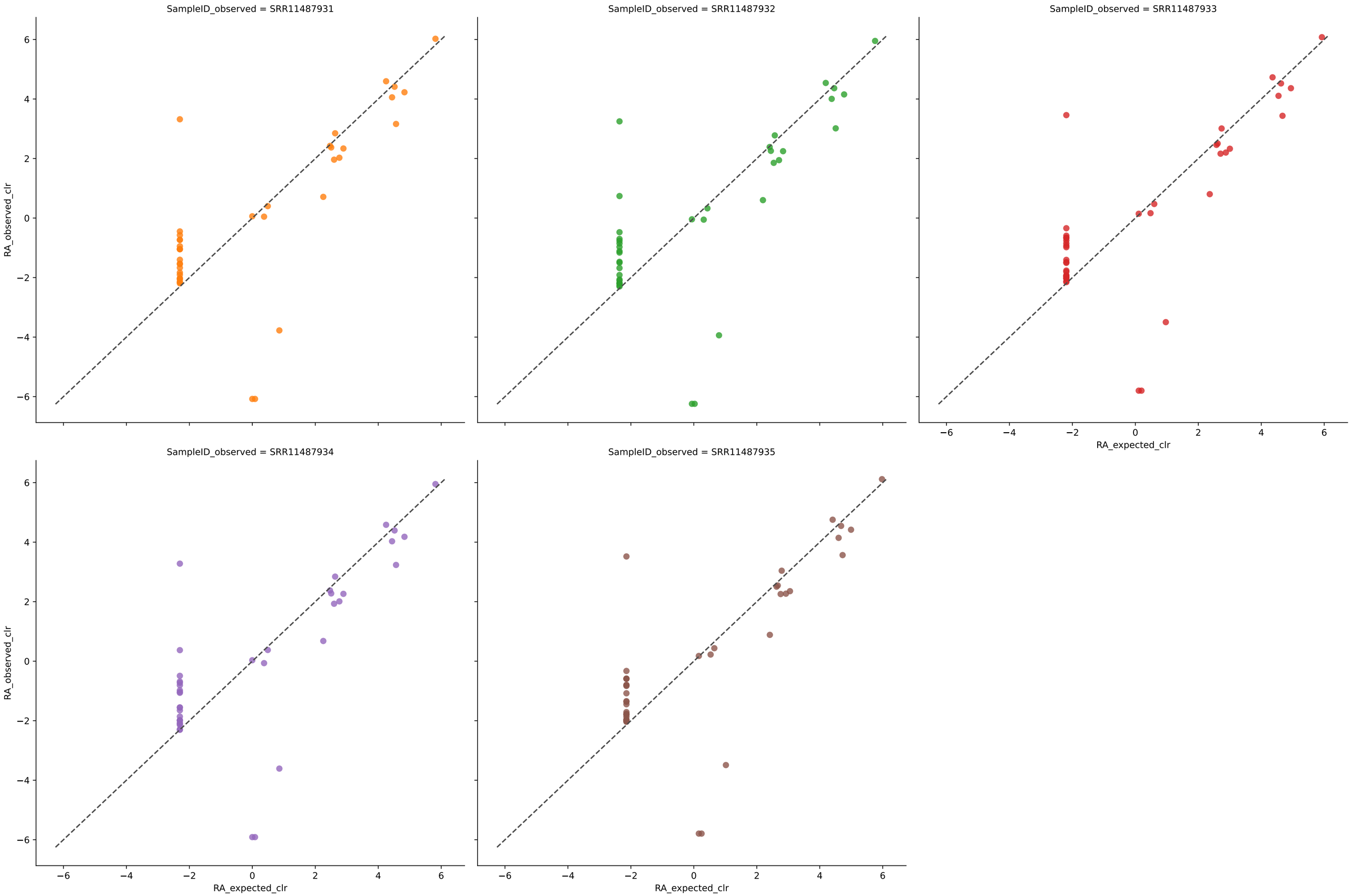
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	26	0.9010	0.0152	12.9272	0.8021	0.0278	100.0000	3.2783
SRR11487932	27	0.8969	0.0148	12.7516	0.8005	0.0278	100.0000	3.0798
SRR11487933	27	0.9066	0.0141	12.2769	0.8091	0.0258	100.0000	3.2801
SRR11487934	28	0.9007	0.0140	13.2173	0.8033	0.0263	94.7368	3.3177
SRR11487935	28	0.9129	0.0135	12.8052	0.8114	0.0247	100.0000	3.3911
Average	27	0.9036	0.0143	12.7956	0.8053	0.0265	98.9474	3.2694

Expected vs. Observed Relative Abundance for species using jams202212 in Experiment Amos hilo with filter 0.0001



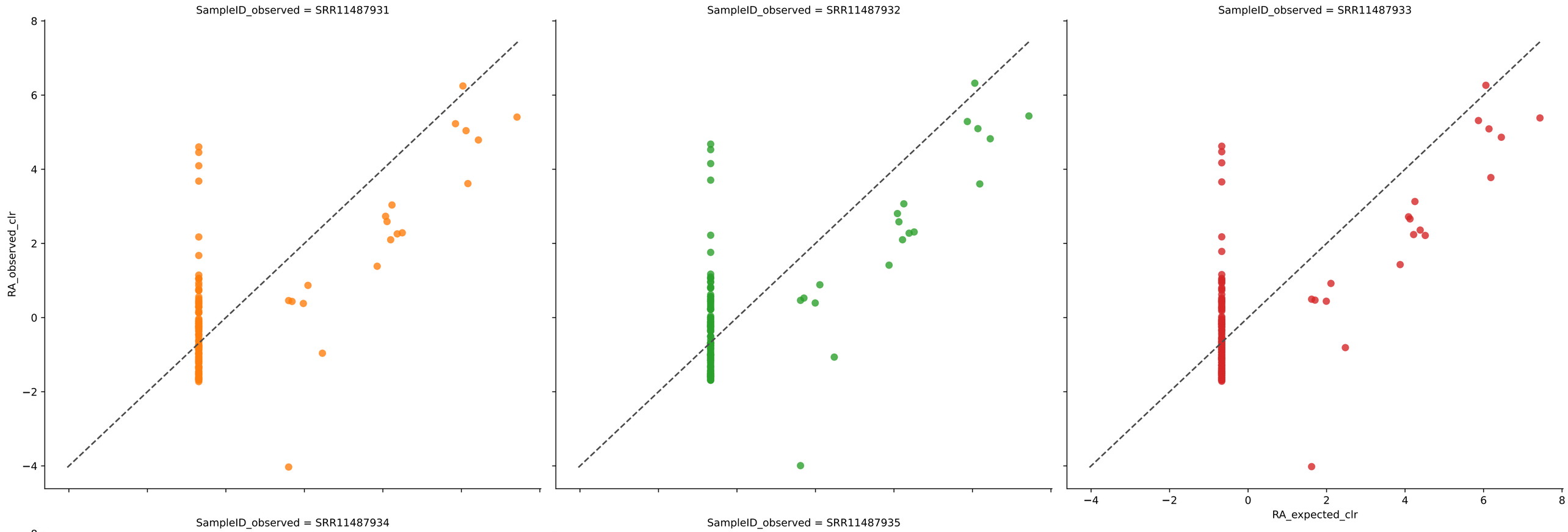
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	30	0.9013	0.0133	12.8402	0.8011	0.0263	100.0000	2.8015
SRR11487932	28	0.8975	0.0142	13.2472	0.8014	0.0274	94.7368	2.5902
SRR11487933	31	0.9089	0.0123	11.9854	0.8099	0.0241	100.0000	2.7276
SRR11487934	30	0.9013	0.0131	12.5519	0.8041	0.0256	100.0000	2.6658
SRR11487935	29	0.9136	0.0129	12.5526	0.8123	0.0244	100.0000	2.7089
Average	30	0.9045	0.0131	12.6355	0.8058	0.0256	98.9474	2.6988

Expected vs. Observed Relative Abundance for species using wgsa2 in Experiment Amos hilo with filter 0.0001



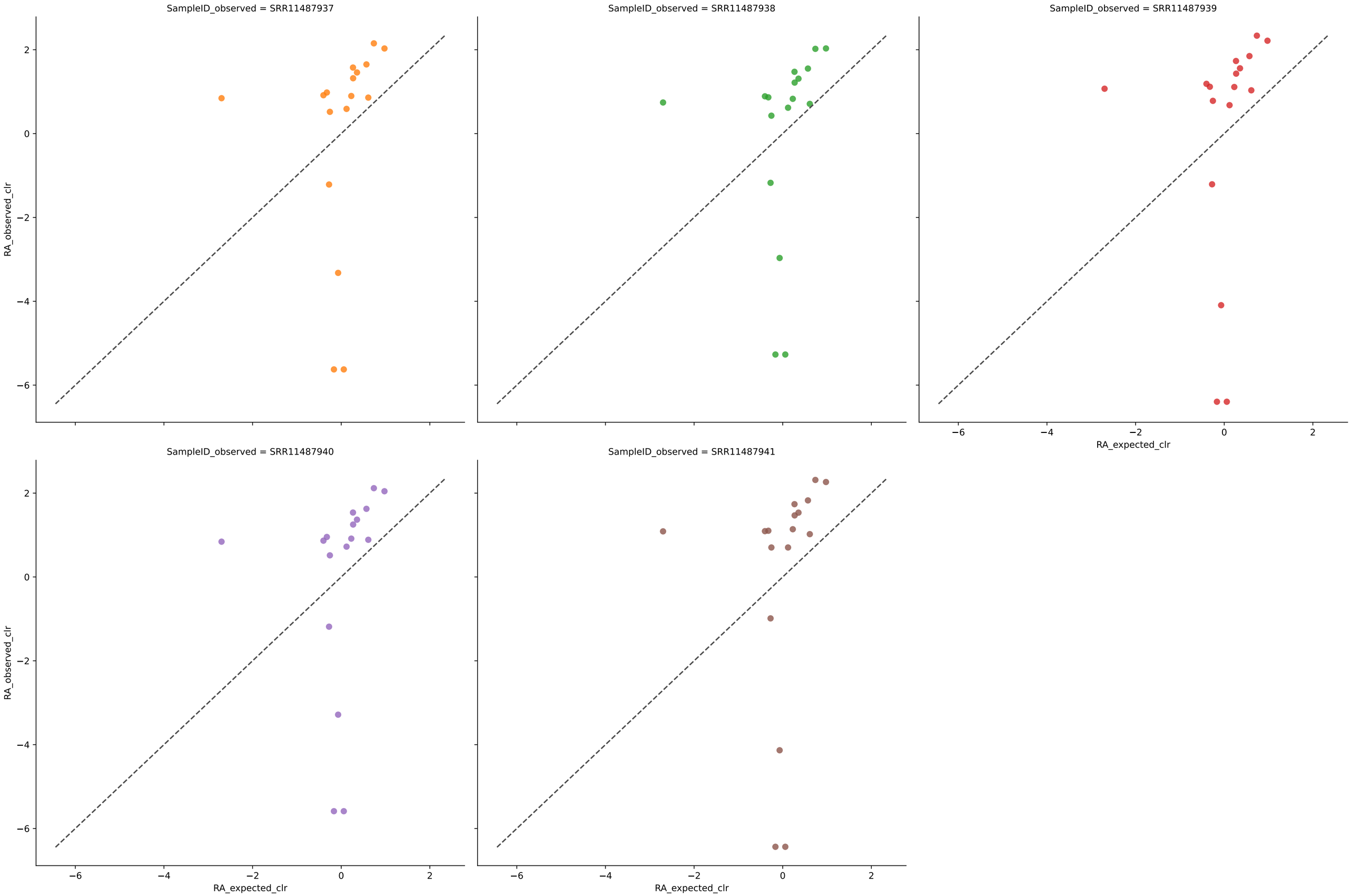
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	40	0.9104	0.0101	12.4660	0.7984	0.0258	89.4737	3.9102
SRR11487932	39	0.9091	0.0104	12.9089	0.7974	0.0261	89.4737	4.0958
SRR11487933	42	0.9178	0.0091	12.1933	0.8081	0.0230	89.4737	4.0933
SRR11487934	40	0.9148	0.0097	12.3884	0.8052	0.0243	89.4737	4.0552
SRR11487935	43	0.9209	0.0088	12.2282	0.8107	0.0223	89.4737	4.1729
Average	41	0.9146	0.0096	12.4369	0.8040	0.0243	89.4737	4.0655

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



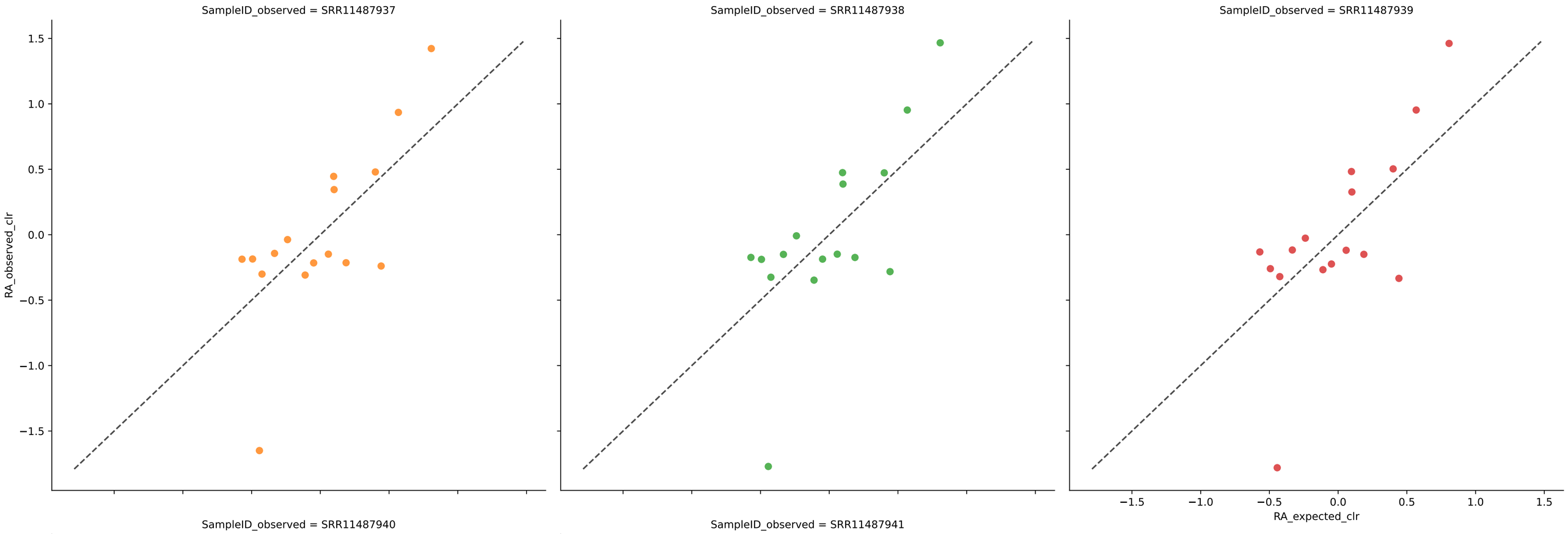
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	133	0.3934	0.0070	16.3473	0.5356	0.0303	94.7368	22.3368
SRR11487932	137	0.3783	0.0069	16.5801	0.5277	0.0305	94.7368	22.5242
SRR11487933	137	0.3875	0.0068	16.3657	0.5360	0.0300	94.7368	22.2556
SRR11487934	136	0.4007	0.0067	16.3337	0.5419	0.0297	94.7368	22.0471
SRR11487935	138	0.3947	0.0067	16.2957	0.5411	0.0296	94.7368	22.0347
Average	136	0.3909	0.0068	16.3845	0.5365	0.0300	94.7368	22.2397

Expected vs. Observed Relative Abundance for genus using biobakery3 in Experiment Amos mixed with filter 0.0001



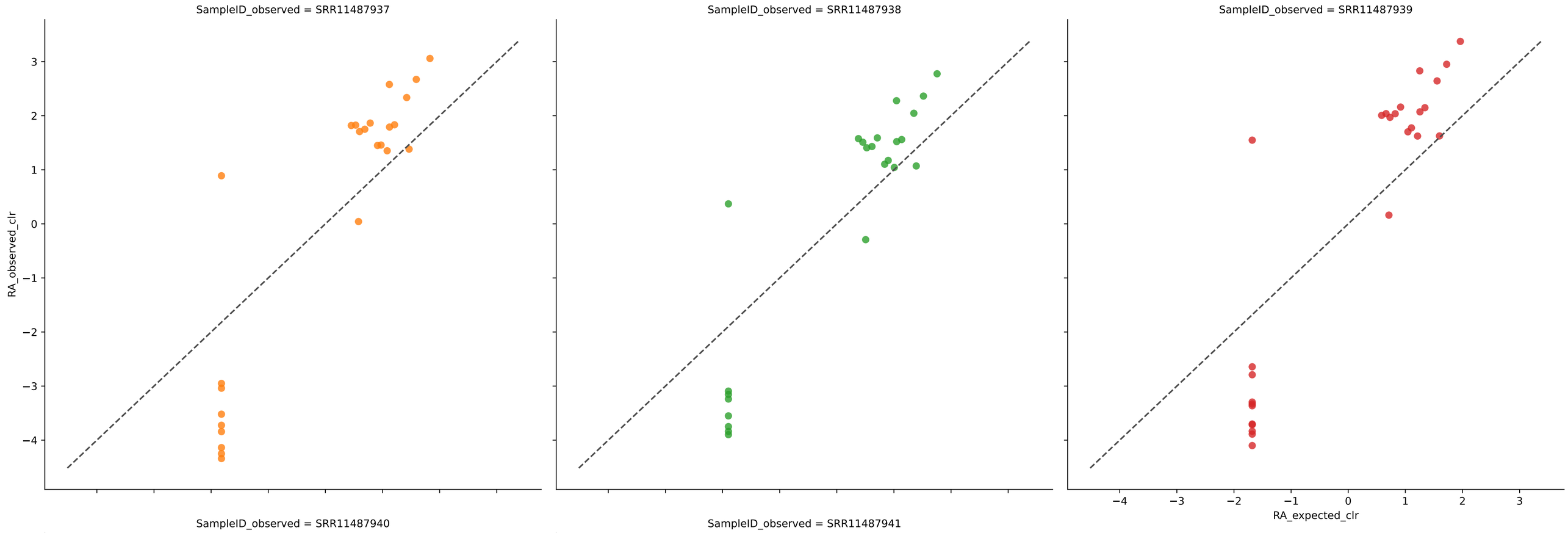
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	17	0.5315	0.0291	9.9615	0.7525	0.0338	87.5000	4.6137
SRR11487938	17	0.5520	0.0288	9.3097	0.7556	0.0333	87.5000	4.5333
SRR11487939	17	0.5207	0.0290	11.3751	0.7533	0.0343	87.5000	4.8612
SRR11487940	17	0.5497	0.0279	9.8744	0.7633	0.0330	87.5000	4.6898
SRR11487941	17	0.5396	0.0290	11.4080	0.7538	0.0340	87.5000	4.9541
Average	17	0.5387	0.0287	10.3857	0.7557	0.0337	87.5000	4.7304

Expected vs. Observed Relative Abundance for genus using biobakery4 in Experiment Amos mixed with filter 0.0001

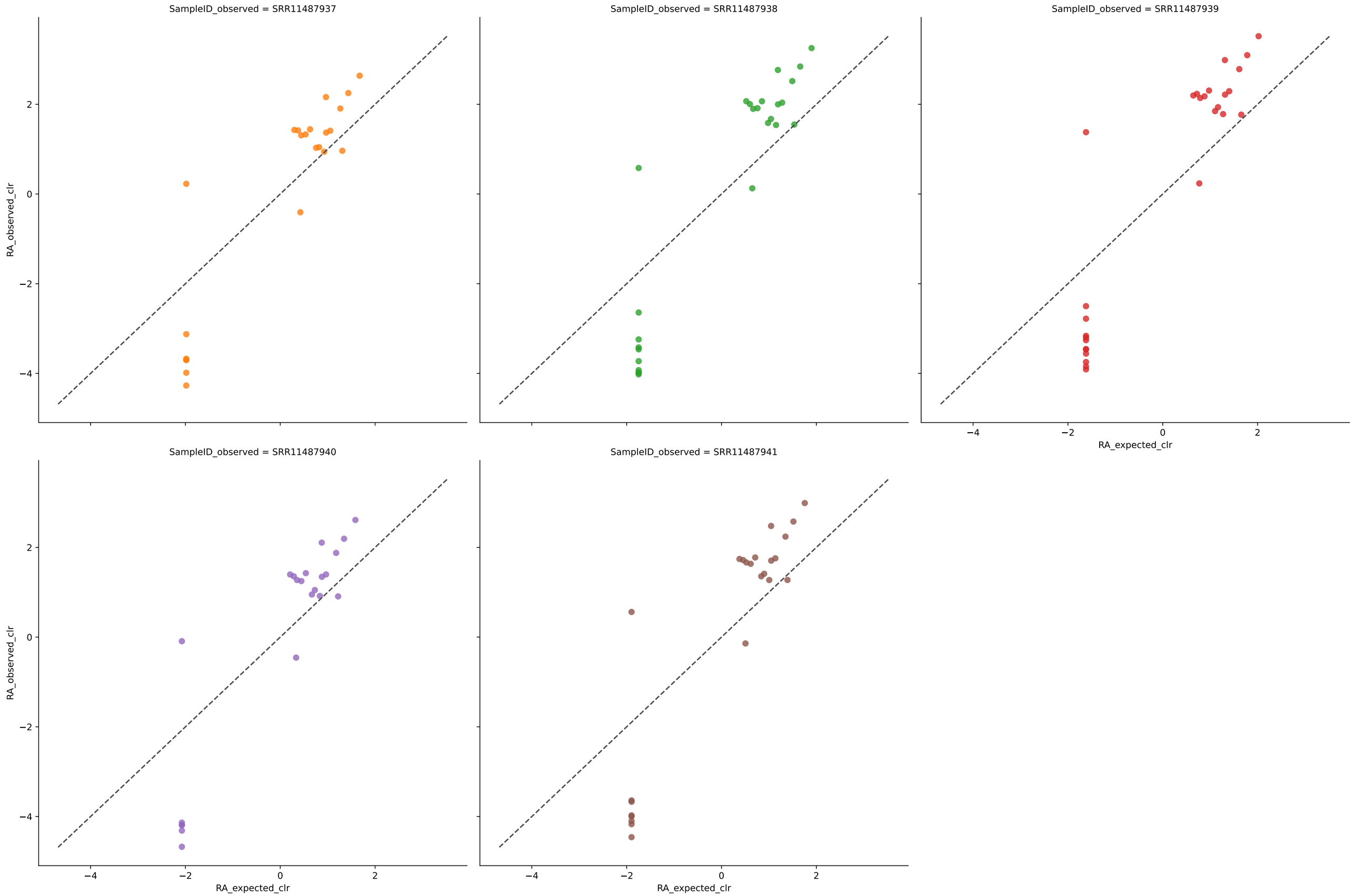


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	16	0.7057	0.0194	1.7957	0.8447	0.0281	100.0000	0.0000
SRR11487938	16	0.6971	0.0204	1.9222	0.8368	0.0296	100.0000	0.0000
SRR11487939	16	0.6971	0.0198	1.9306	0.8414	0.0294	100.0000	0.0000
SRR11487940	16	0.7089	0.0193	1.8183	0.8459	0.0282	100.0000	0.0000
SRR11487941	16	0.7041	0.0194	1.8753	0.8452	0.0288	100.0000	0.0000
Average	16	0.7026	0.0197	1.8684	0.8428	0.0288	100.0000	0.0000

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

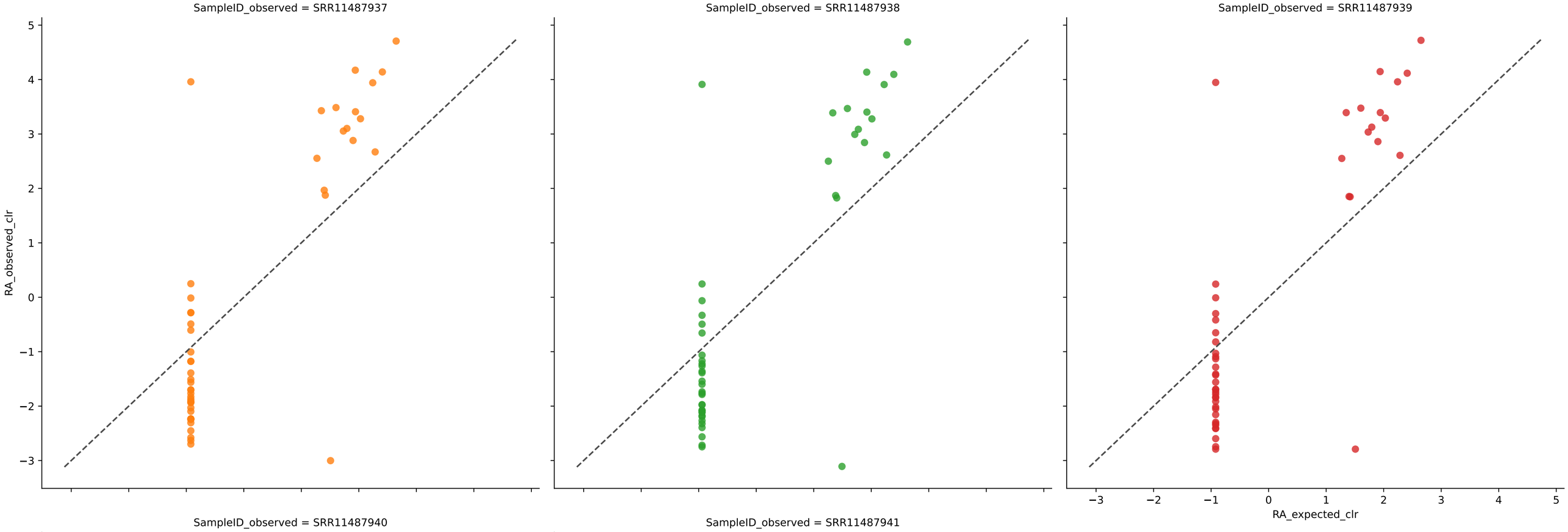


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	25	0.7472	0.0148	7.2661	0.8154	0.0216	100.0000	2.1794
SRR11487938	24	0.7391	0.0153	5.8057	0.8162	0.0222	100.0000	1.8452
SRR11487939	27	0.7547	0.0138	7.9167	0.8143	0.0212	100.0000	3.1123
SRR11487940	24	0.7446	0.0151	7.2145	0.8191	0.0220	100.0000	1.7115
SRR11487941	24	0.7397	0.0153	7.0752	0.8167	0.0221	100.0000	2.1343
Average	25	0.7451	0.0148	7.0556	0.8163	0.0218	100.0000	2.1965



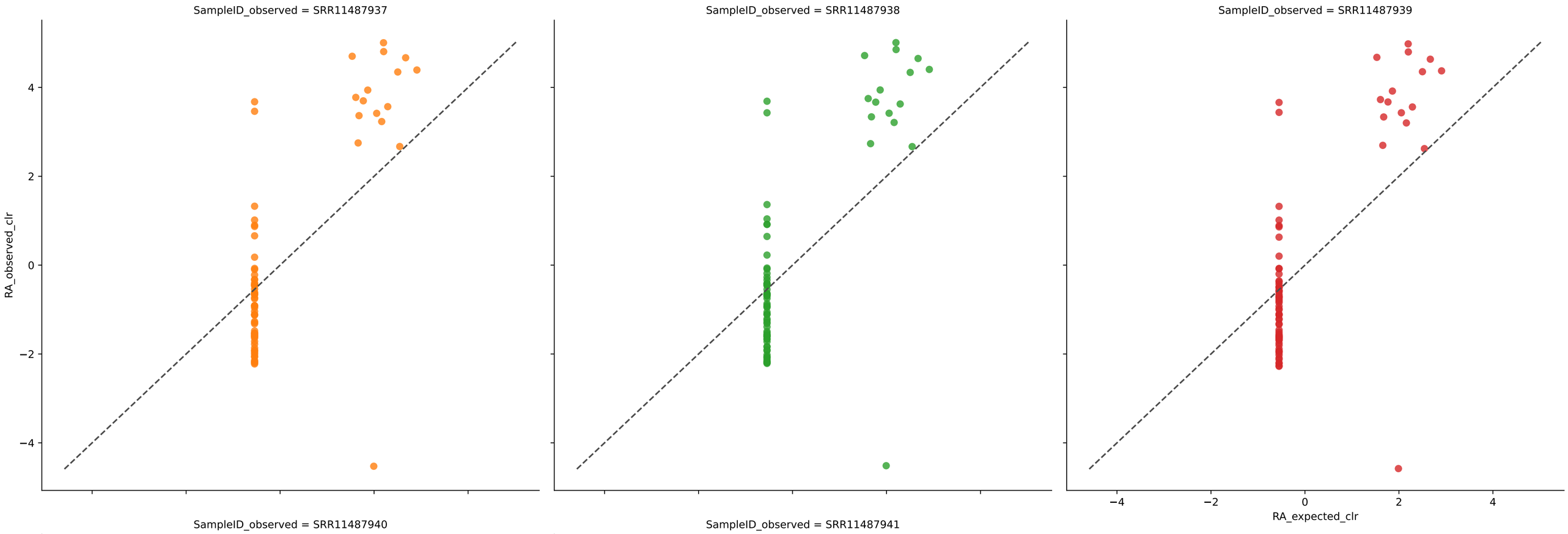
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	23	0.7294	0.0160	5.7676	0.8155	0.0225	100.0000	1.7625
SRR11487938	26	0.7581	0.0141	7.4773	0.8167	0.0213	100.0000	1.4122
SRR11487939	28	0.7667	0.0132	8.0871	0.8150	0.0207	100.0000	2.3439
SRR11487940	22	0.7243	0.0164	6.2325	0.8200	0.0229	100.0000	1.2851
SRR11487941	24	0.7417	0.0153	7.1979	0.8168	0.0221	100.0000	1.6970
Average	25	0.7440	0.0150	6.9525	0.8168	0.0219	100.0000	1.7001

Expected vs. Observed Relative Abundance for genus using wgsa2 in Experiment Amos mixed with filter 0.0001



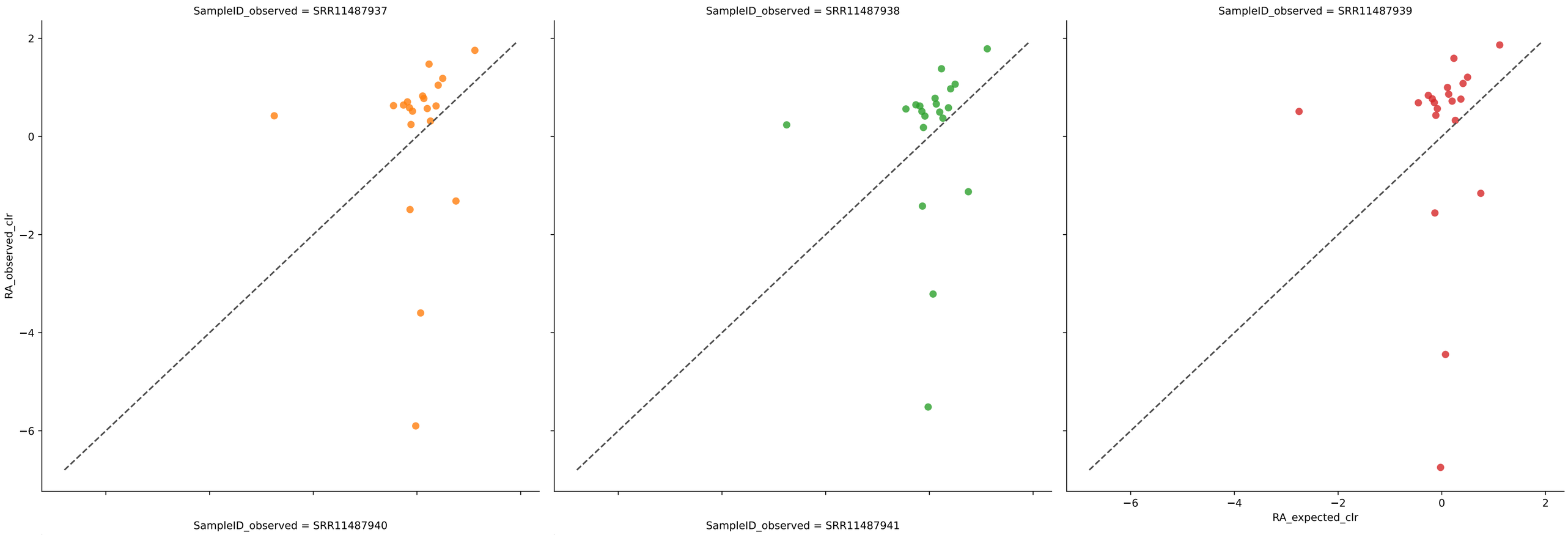
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	48	0.6661	0.0109	10.5522	0.7382	0.0227	100.0000	10.6975
SRR11487938	47	0.6653	0.0111	10.4484	0.7384	0.0230	100.0000	10.4780
SRR11487939	48	0.6646	0.0110	10.4124	0.7368	0.0229	100.0000	10.6586
SRR11487940	47	0.6662	0.0111	10.5161	0.7385	0.0229	100.0000	10.6376
SRR11487941	48	0.6671	0.0109	10.4502	0.7383	0.0228	100.0000	10.5573
Average	48	0.6658	0.0110	10.4759	0.7380	0.0229	100.0000	10.6058

Expected vs. Observed Relative Abundance for genus using woltka in Experiment Amos mixed with filter 0.0001



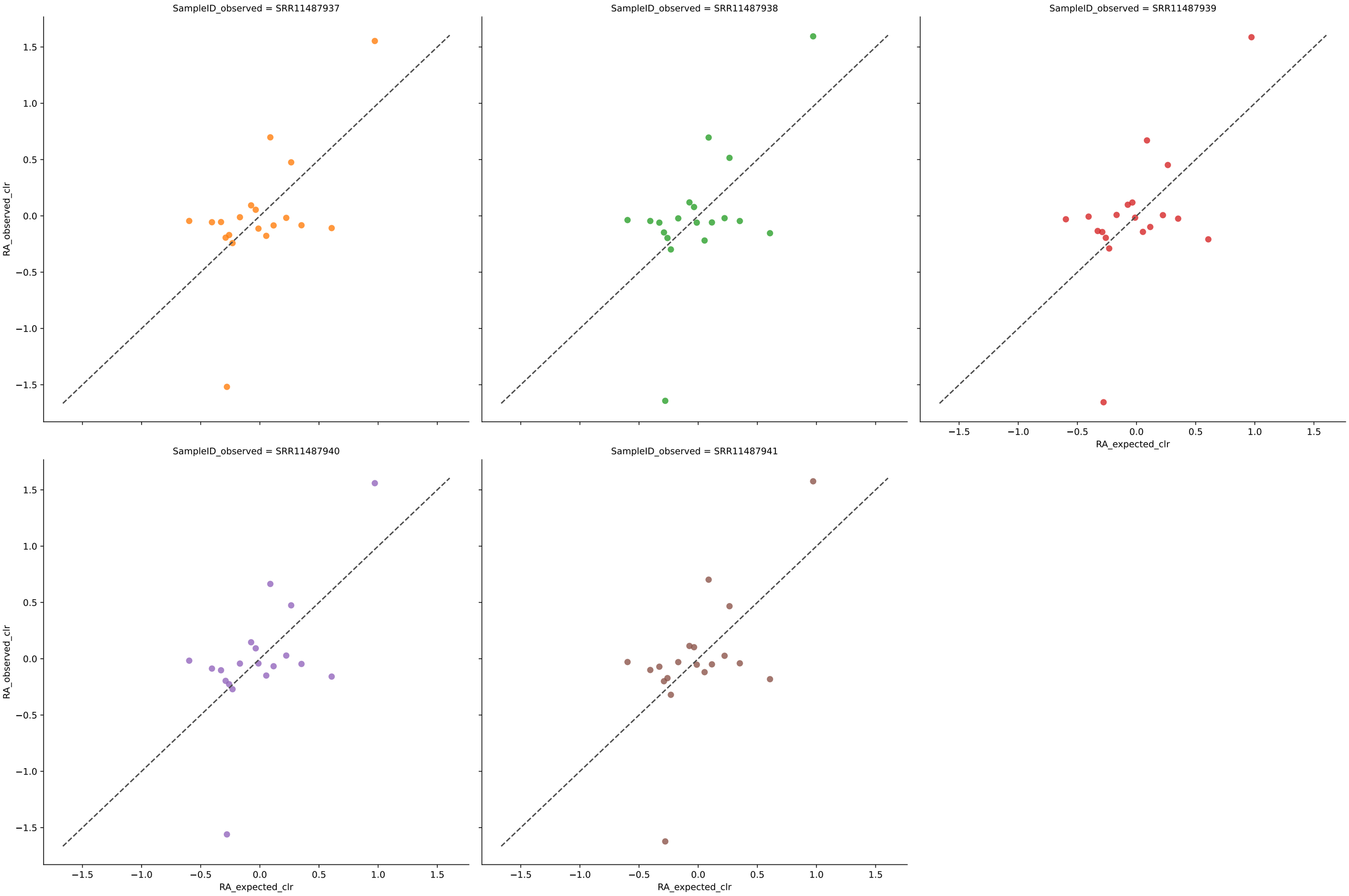
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	78	0.5604	0.0083	13.8032	0.6782	0.0204	93.7500	10.1548
SRR11487938	78	0.5559	0.0083	13.8399	0.6753	0.0205	93.7500	10.0943
SRR11487939	77	0.5602	0.0083	13.7570	0.6800	0.0205	93.7500	10.1534
SRR11487940	79	0.5580	0.0082	13.8342	0.6752	0.0204	93.7500	10.1407
SRR11487941	79	0.5591	0.0082	13.8913	0.6768	0.0203	93.7500	10.2316
Average	78	0.5587	0.0083	13.8251	0.6771	0.0204	93.7500	10.1550

Expected vs. Observed Relative Abundance for species using biobakery3 in Experiment Amos mixed with filter 0.0001



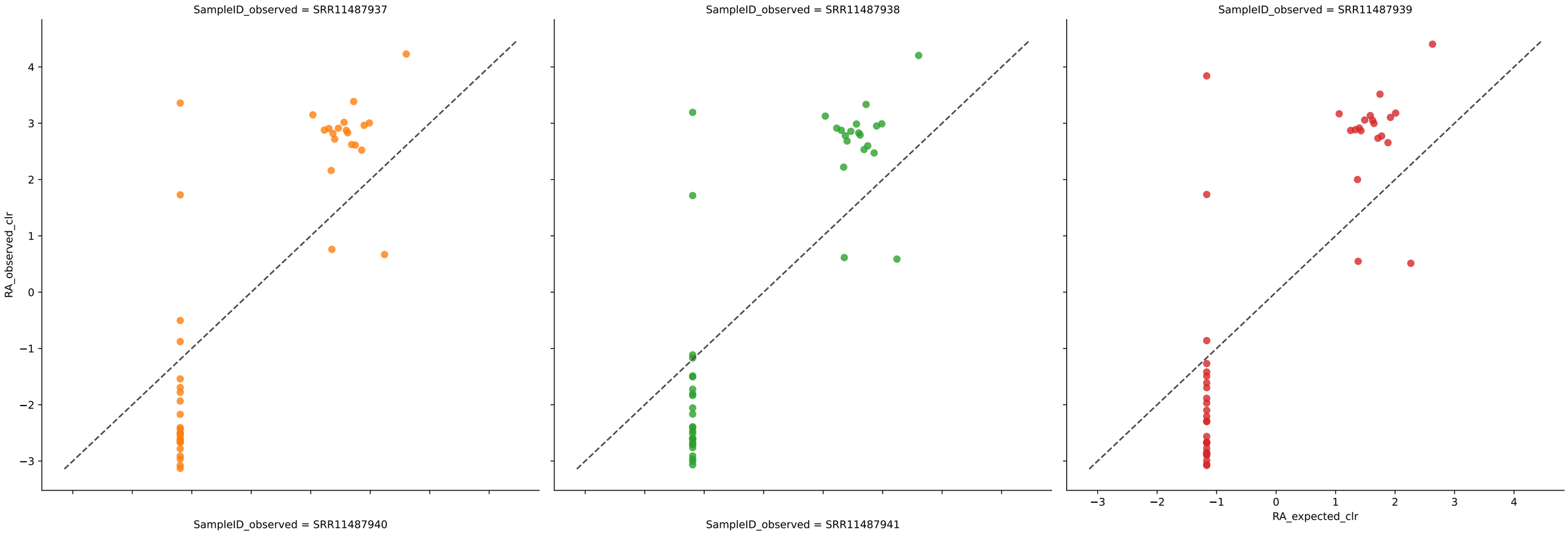
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	20	0.2709	0.0241	8.4807	0.7588	0.0313	94.7368	3.9799
SRR11487938	20	0.3283	0.0234	7.8474	0.7660	0.0306	94.7368	3.4926
SRR11487939	20	0.2666	0.0237	9.5833	0.7625	0.0316	94.7368	3.9371
SRR11487940	20	0.2909	0.0230	8.3586	0.7696	0.0308	94.7368	4.0588
SRR11487941	20	0.3010	0.0235	9.5672	0.7648	0.0312	94.7368	3.8522
Average	20	0.2915	0.0236	8.7674	0.7643	0.0311	94.7368	3.8641

Expected vs. Observed Relative Abundance for species using biobakery4 in Experiment Amos mixed with filter 0.0001



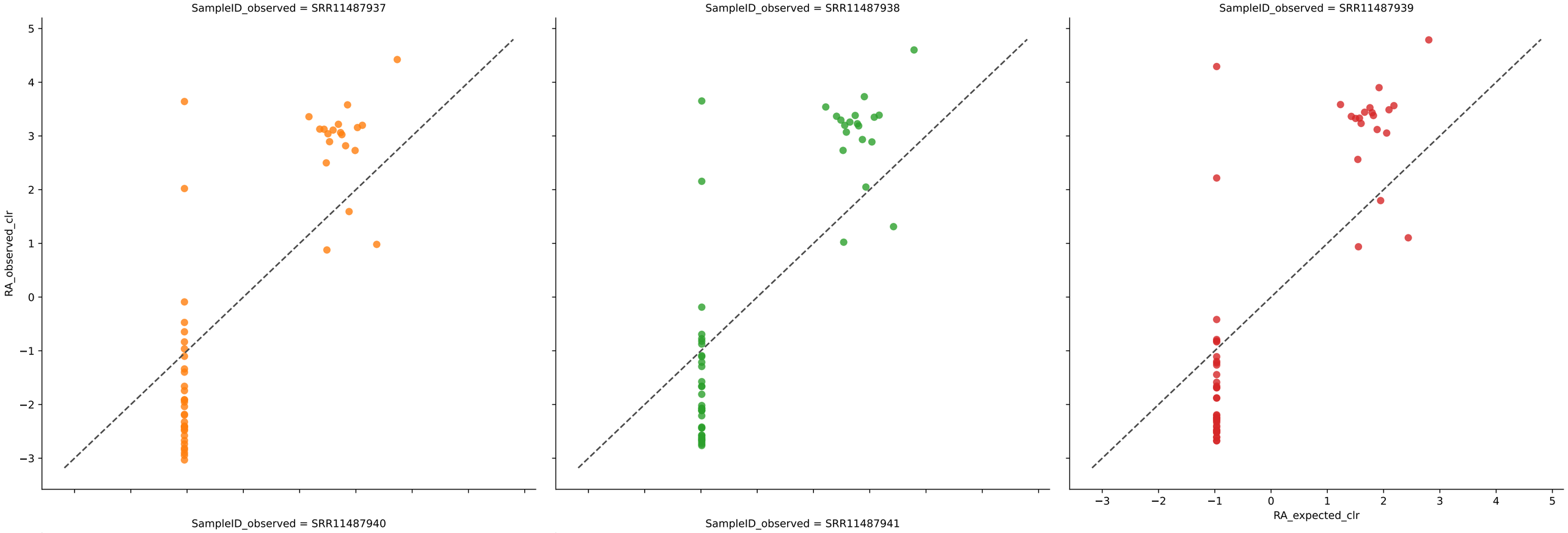
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	19	0.6104	0.0172	1.9325	0.8362	0.0264	100.0000	0.0000
SRR11487938	19	0.6096	0.0179	2.0494	0.8295	0.0276	100.0000	0.0000
SRR11487939	19	0.6052	0.0175	2.0536	0.8341	0.0273	100.0000	0.0000
SRR11487940	19	0.6161	0.0170	1.9498	0.8385	0.0263	100.0000	0.0000
SRR11487941	19	0.6111	0.0172	2.0105	0.8366	0.0269	100.0000	0.0000
Average	19	0.6105	0.0174	1.9992	0.8350	0.0269	100.0000	0.0000

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



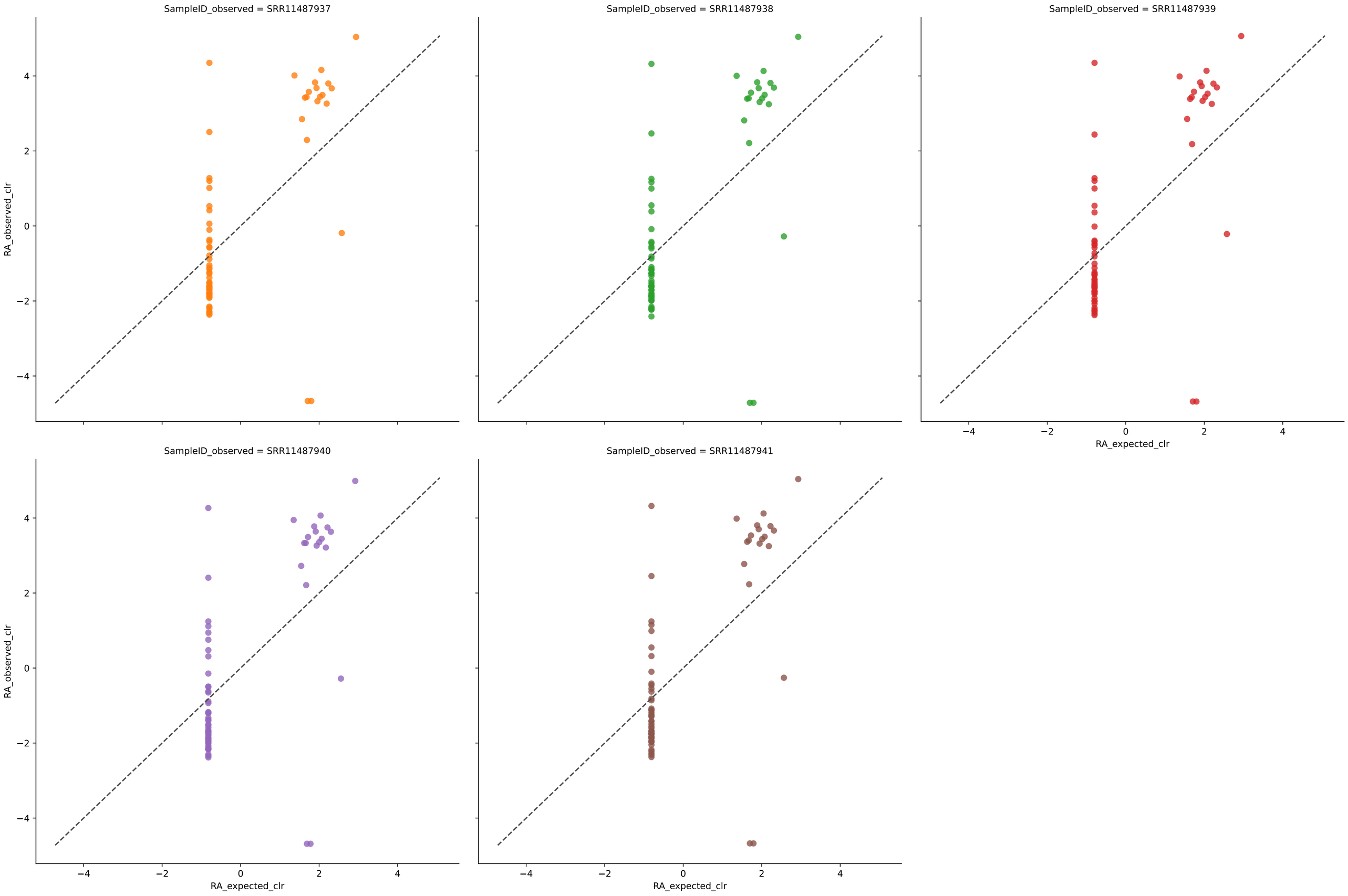
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	45	0.6050	0.0105	10.2247	0.7633	0.0211	100.0000	9.5311
SRR11487938	45	0.6213	0.0104	9.9119	0.7661	0.0207	100.0000	8.6838
SRR11487939	46	0.5435	0.0106	10.7140	0.7571	0.0235	100.0000	12.1772
SRR11487940	47	0.6334	0.0098	10.4870	0.7695	0.0201	100.0000	8.6902
SRR11487941	48	0.6133	0.0098	10.7772	0.7648	0.0207	100.0000	9.6941
Average	46	0.6033	0.0102	10.4230	0.7641	0.0212	100.0000	9.7553

Expected vs. Observed Relative Abundance for species using jams202212 in Experiment Amos mixed with filter 0.0001



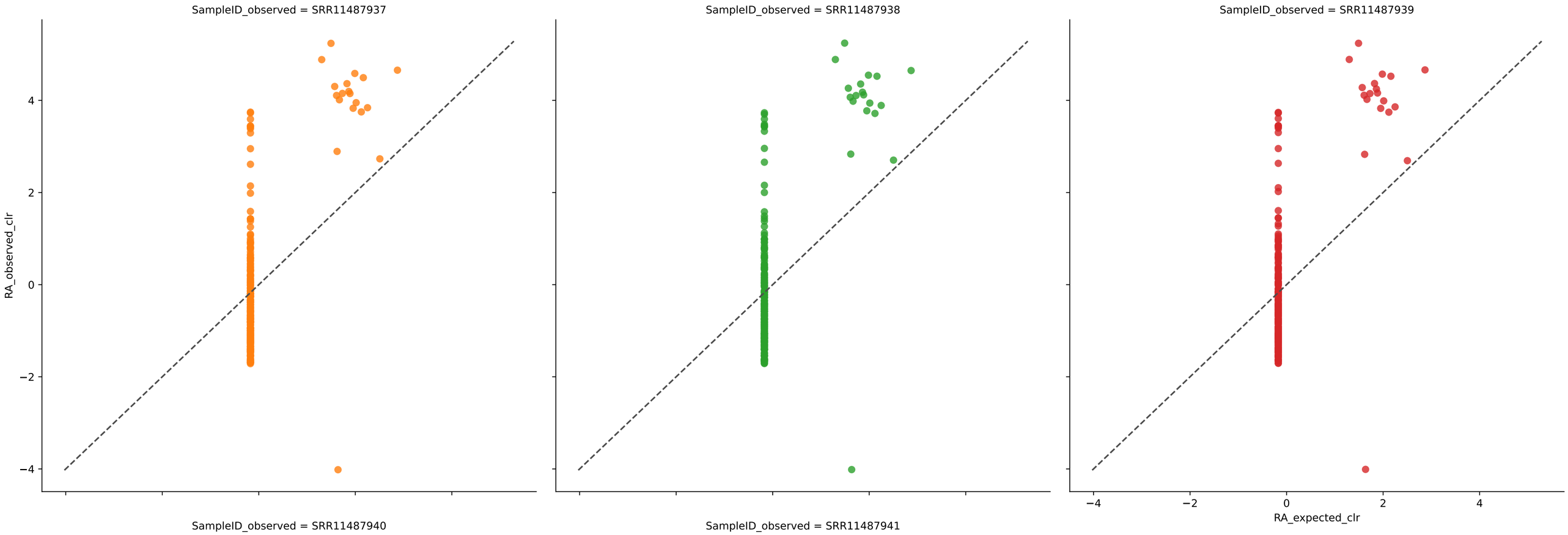
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	51	0.5843	0.0101	10.6105	0.7428	0.0211	100.0000	10.8453
SRR11487938	54	0.6210	0.0093	10.8843	0.7502	0.0197	100.0000	9.5623
SRR11487939	55	0.5313	0.0096	11.3987	0.7351	0.0228	100.0000	13.2933
SRR11487940	50	0.6238	0.0097	9.8008	0.7564	0.0200	100.0000	9.3152
SRR11487941	57	0.6092	0.0088	11.3535	0.7494	0.0198	100.0000	10.6425
Average	53	0.5939	0.0095	10.8095	0.7468	0.0207	100.0000	10.7317

Expected vs. Observed Relative Abundance for species using wgsa2 in Experiment Amos mixed with filter 0.0001



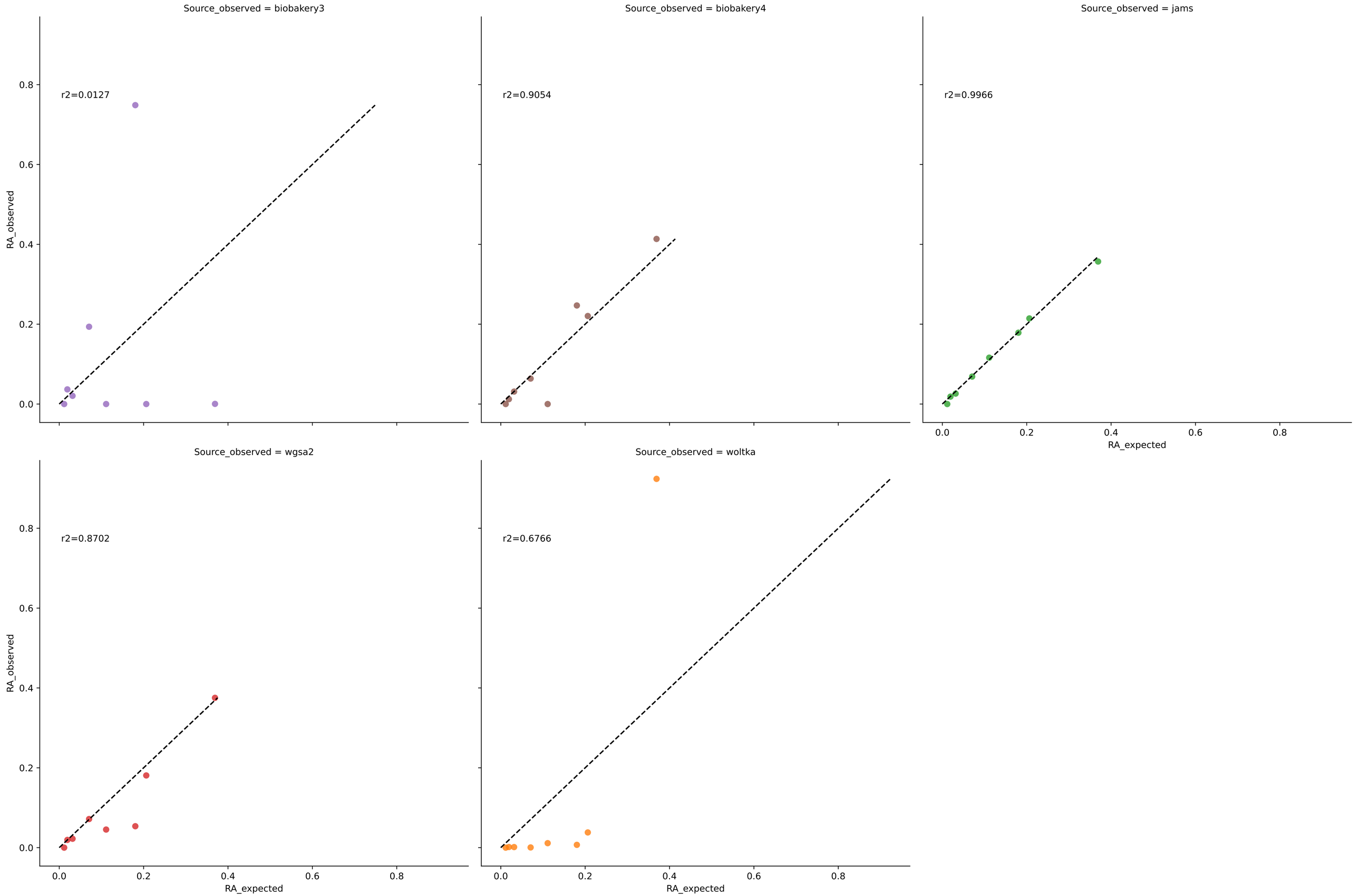
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	66	0.5533	0.0091	14.8848	0.7000	0.0213	89.4737	14.2288
SRR11487938	65	0.5554	0.0092	14.8174	0.7008	0.0215	89.4737	13.9374
SRR11487939	66	0.5563	0.0091	14.8343	0.7003	0.0214	89.4737	14.0539
SRR11487940	64	0.5549	0.0093	14.7989	0.7015	0.0216	89.4737	14.1164
SRR11487941	65	0.5557	0.0092	14.7433	0.7017	0.0215	89.4737	13.9811
Average	65	0.5551	0.0092	14.8157	0.7009	0.0215	89.4737	14.0635

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

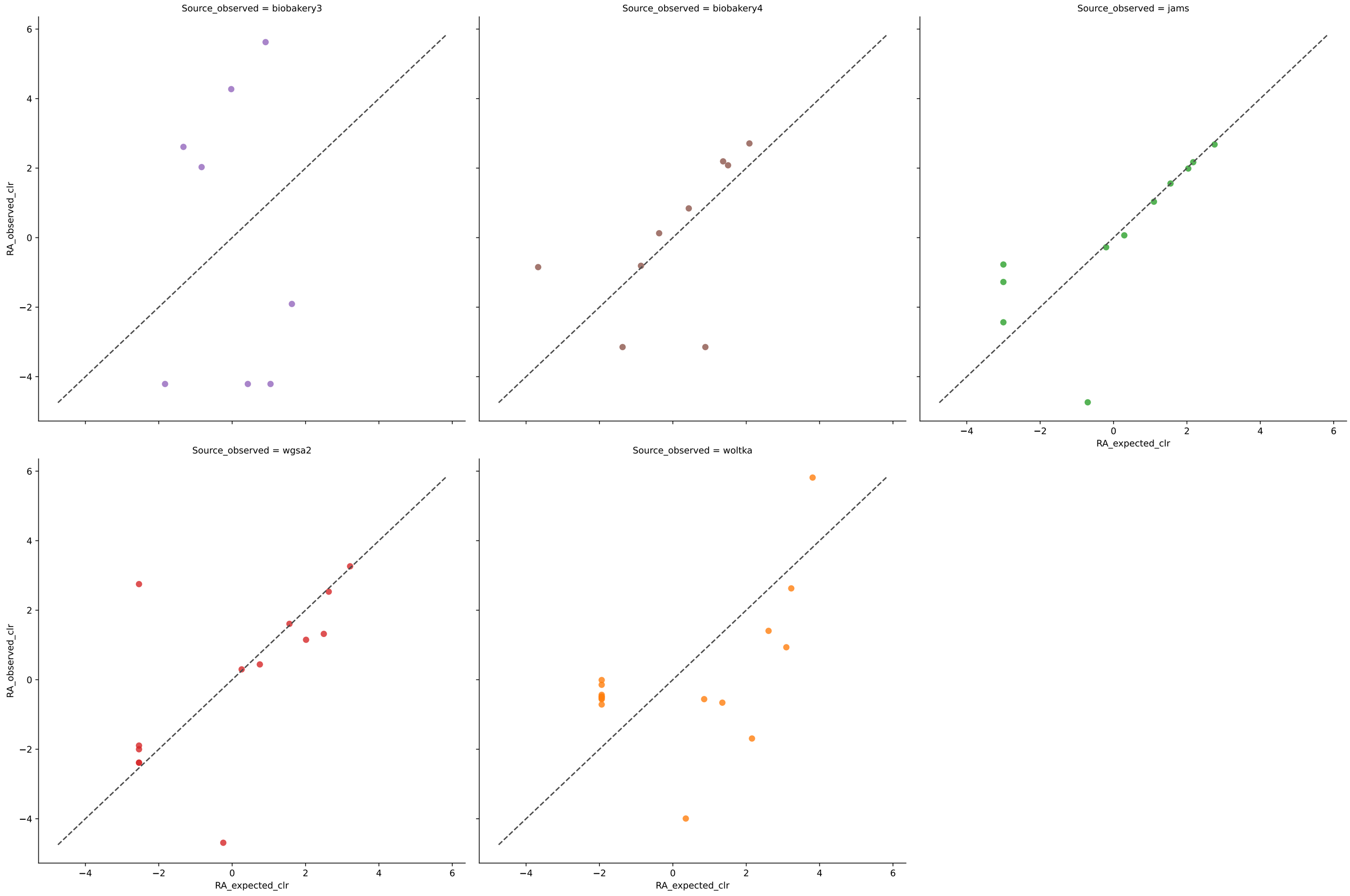


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	228	0.5013	0.0035	20.4395	0.6003	0.0114	94.7368	27.0437
SRR11487938	229	0.4956	0.0035	20.5033	0.5964	0.0115	94.7368	27.5548
SRR11487939	229	0.5032	0.0035	20.4922	0.6029	0.0114	94.7368	27.0753
SRR11487940	237	0.5002	0.0034	20.9385	0.5965	0.0112	94.7368	27.6889
SRR11487941	234	0.5008	0.0034	20.7761	0.5980	0.0113	94.7368	27.5963
Average	231	0.5002	0.0035	20.6299	0.5988	0.0113	94.7368	27.3918

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

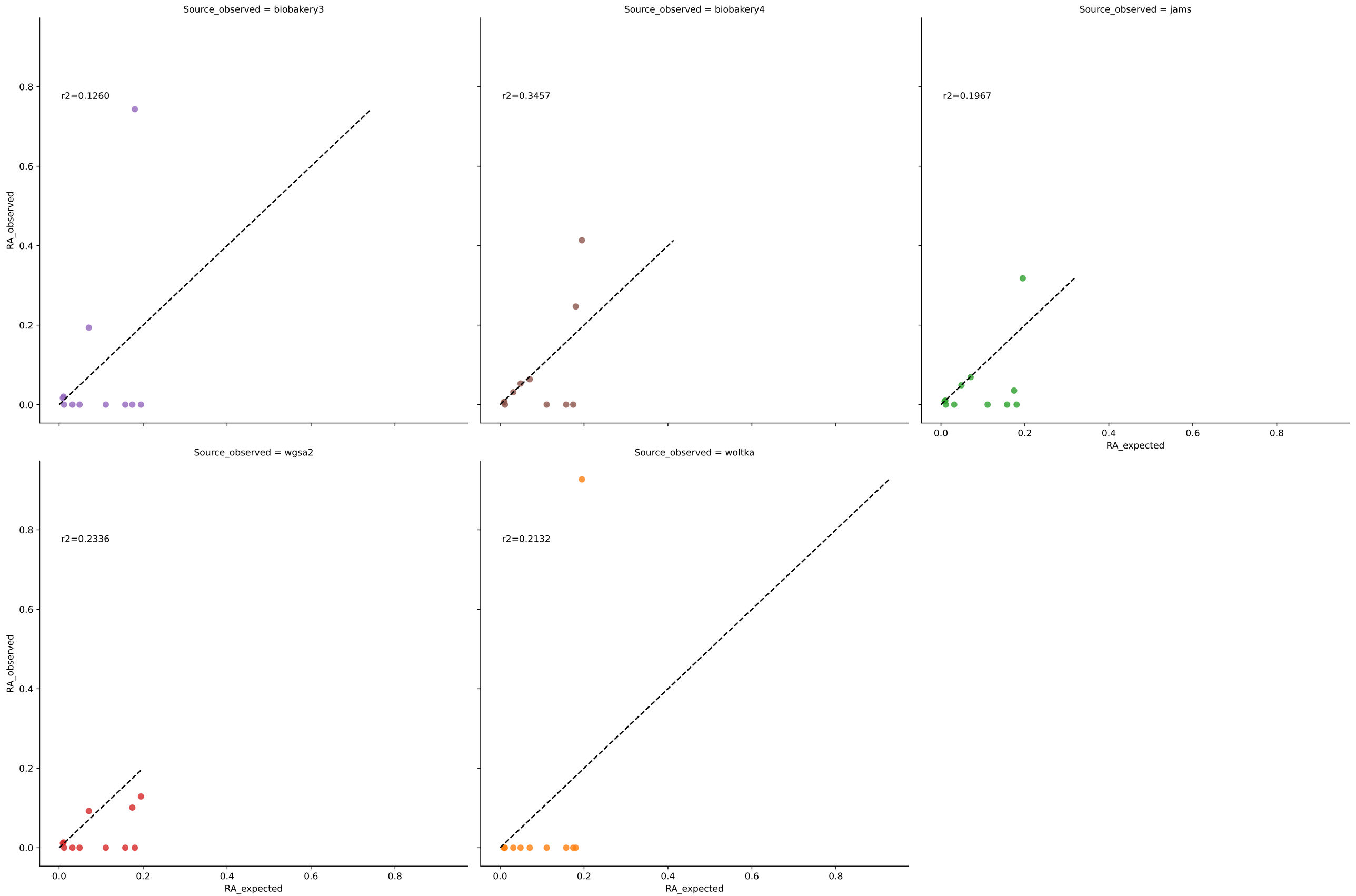


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0.001)

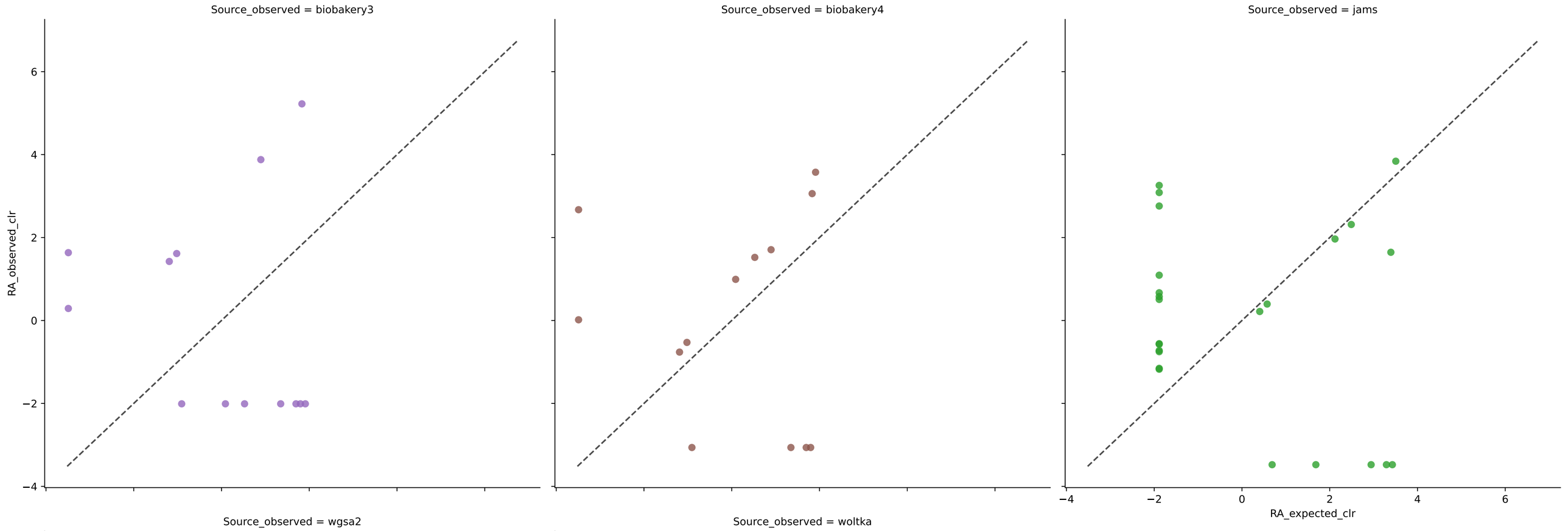


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.0127	0.1772	11.4763	0.2912	0.2573	62.5000	0.0000
biobakery4	9	0.9054	0.0304	5.4066	0.8631	0.0463	75.0000	1.1781
jams	11	0.9961	0.0061	4.9614	0.9665	0.0073	87.5000	1.3432
wgsa2	13	0.5920	0.0367	7.1256	0.7613	0.0743	87.5000	0.6743
woltka	17	0.6279	0.0672	8.4311	0.4290	0.1499	87.5000	1.6464

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

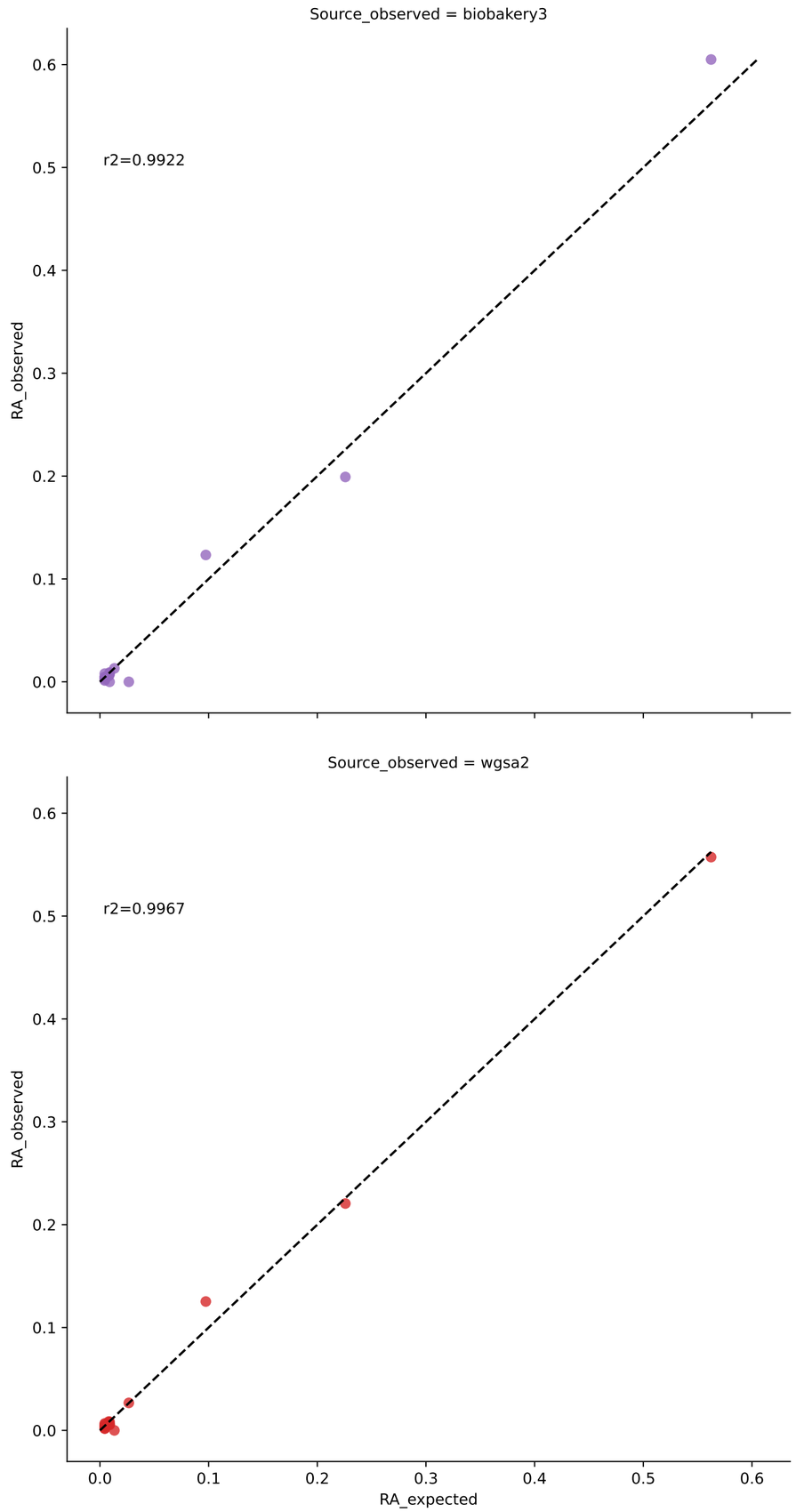


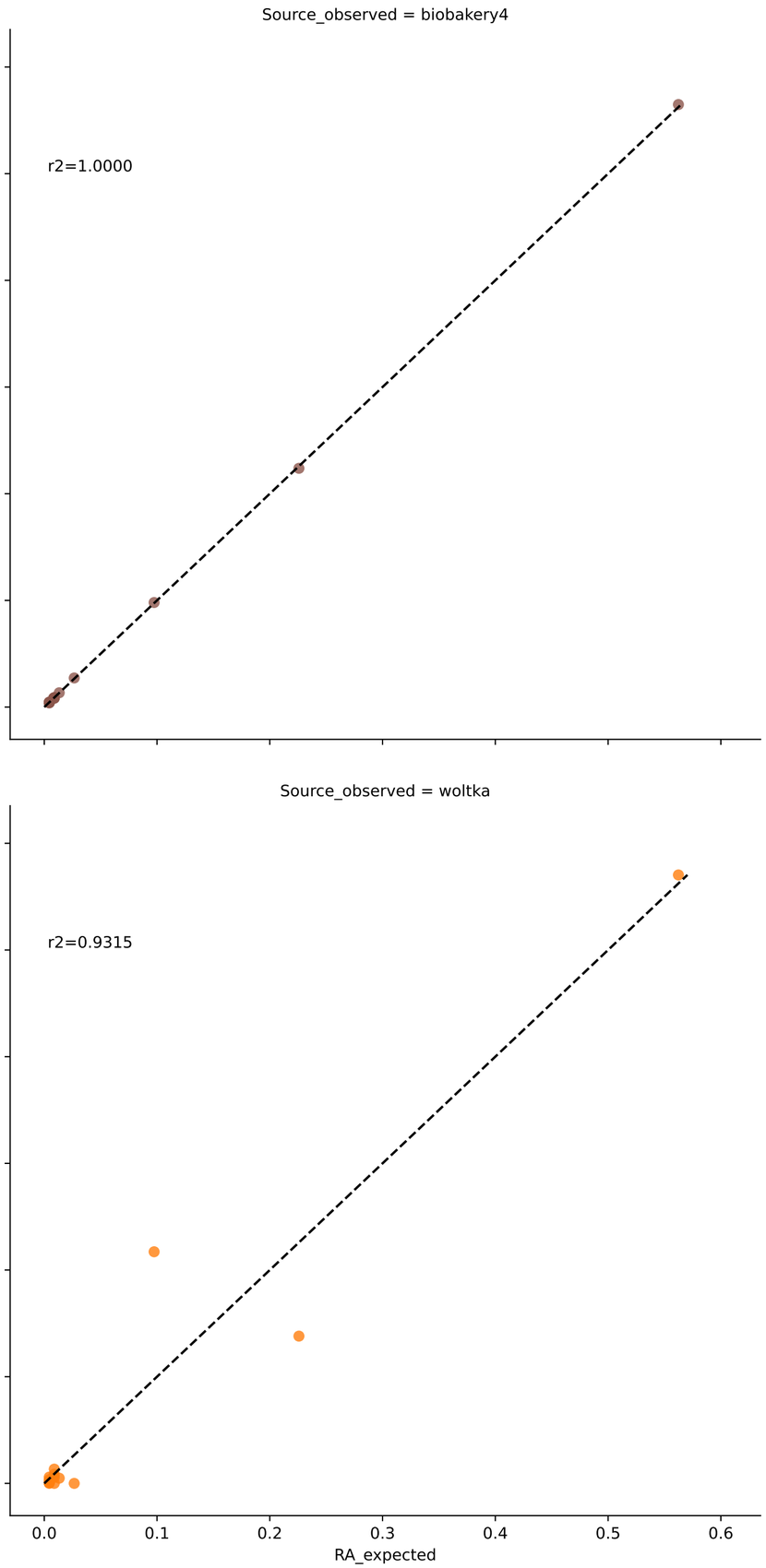
Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0.001)

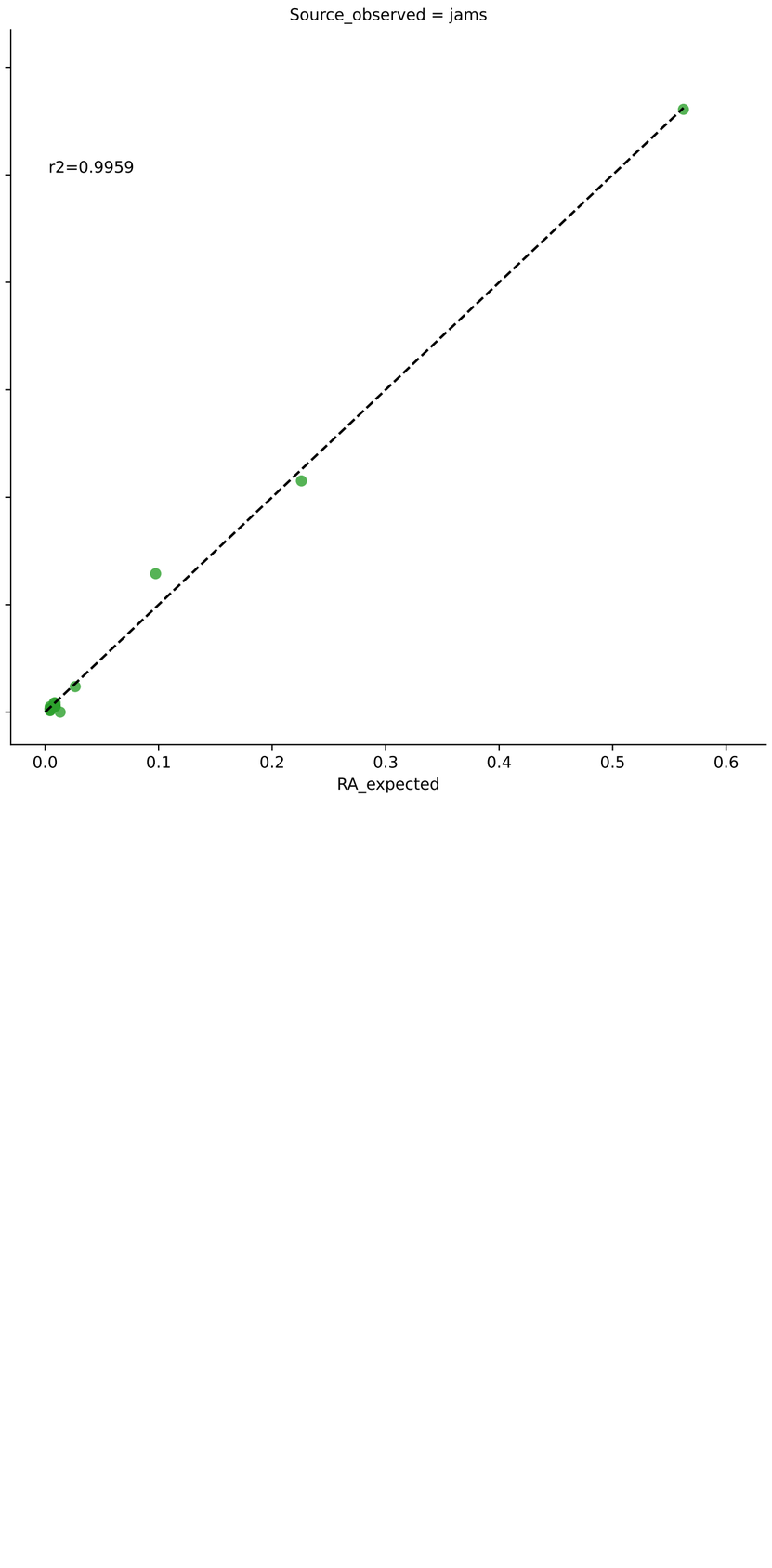


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	13	0.1411	0.1123	11.9022	0.2702	0.1844	36.3636	2.5913
biobakery4	13	0.2384	0.0721	11.3065	0.5313	0.1068	63.6364	17.9266
jams	24	0.0815	0.0528	17.0031	0.3668	0.0845	54.5455	49.6958
wgsa2	31	0.0202	0.0439	19.1288	0.3199	0.0821	45.4545	36.2572
woltka	26	0.2274	0.0619	18.9979	0.1949	0.1576	9.0909	7.3008

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



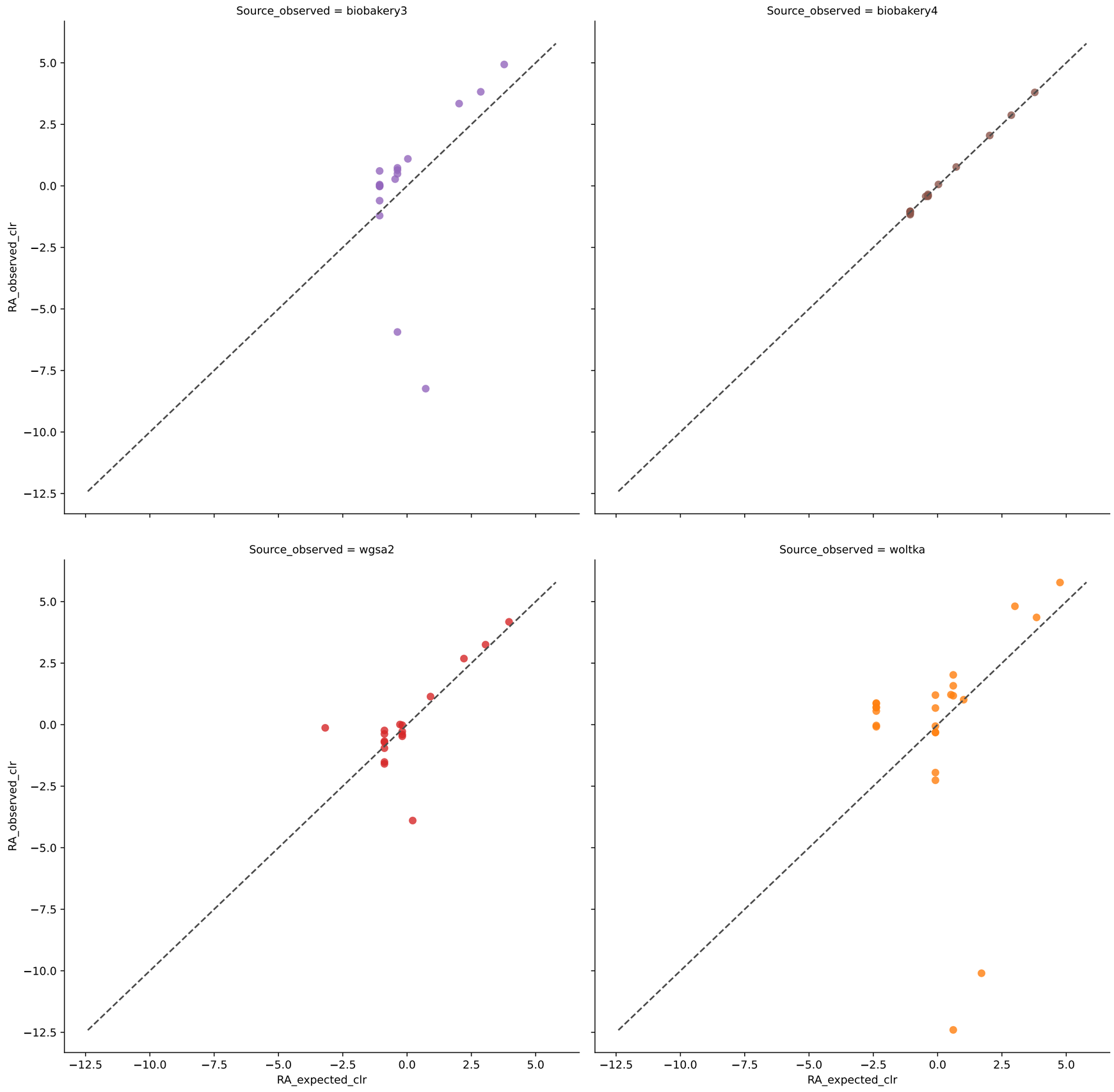




RA_observed

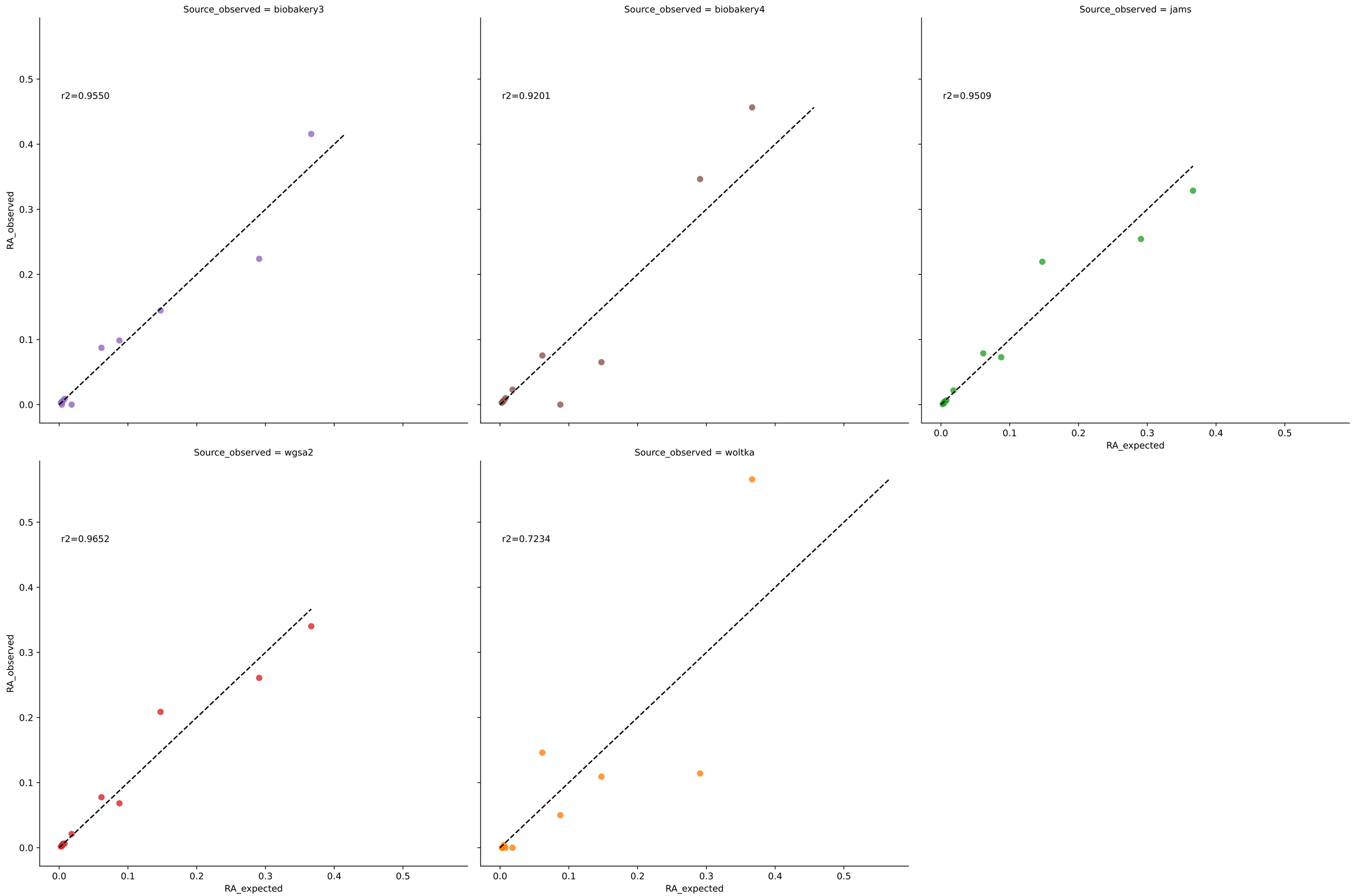
RA_expected

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

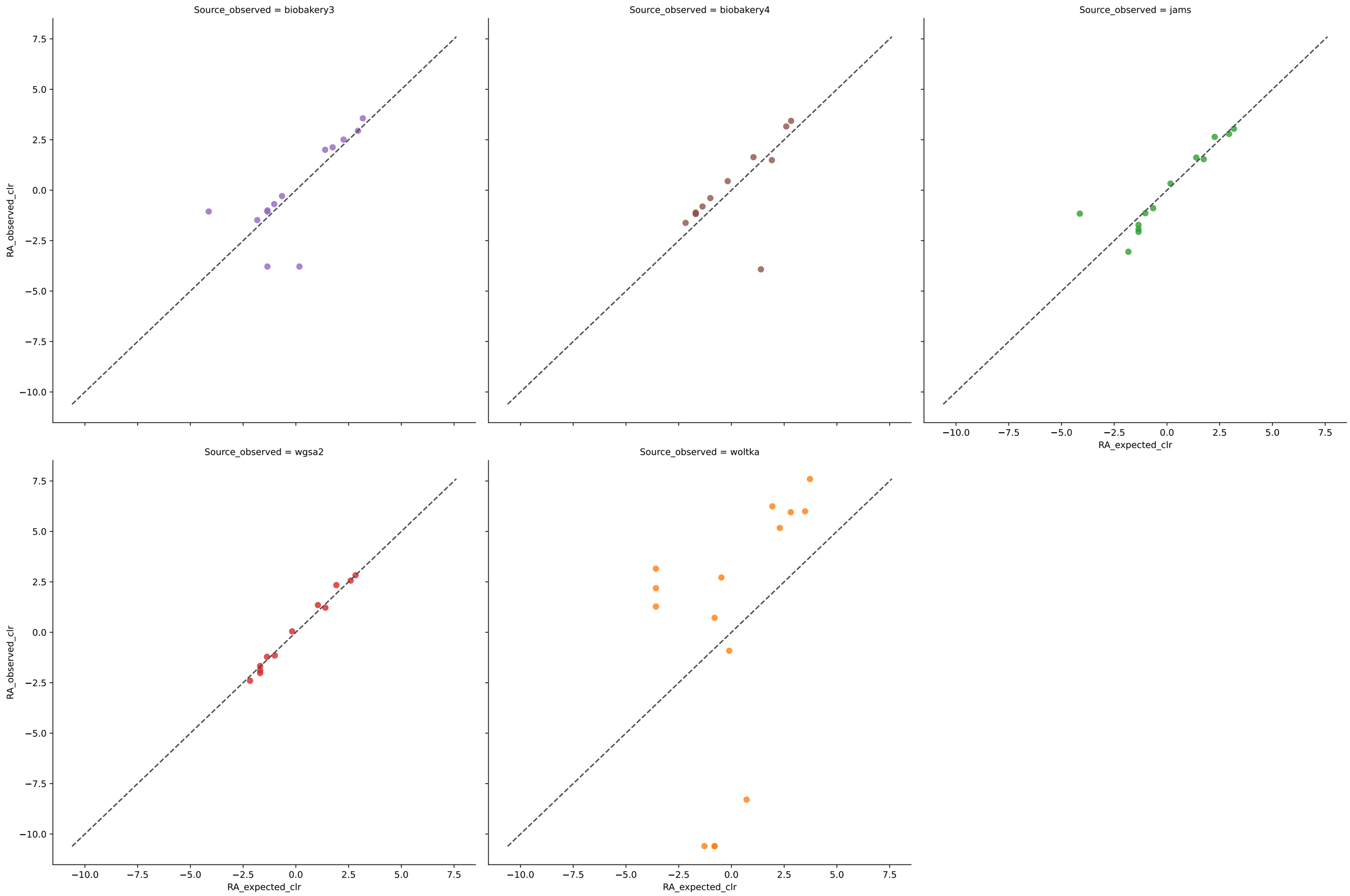


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	17	0.9922	0.0085	11.2984	0.9275	0.0154	94.1176	0.0000
biobakery4	17	1.0000	0.0005	0.1640	0.9957	0.0008	100.0000	0.0000
jams	19	0.9955	0.0052	6.4123	0.9509	0.0088	94.1176	0.7807
wgsa2	18	0.9965	0.0044	5.3399	0.9602	0.0079	94.1176	0.0000
woltka	24	0.9342	0.0130	19.6749	0.8444	0.0310	94.1176	2.1935

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

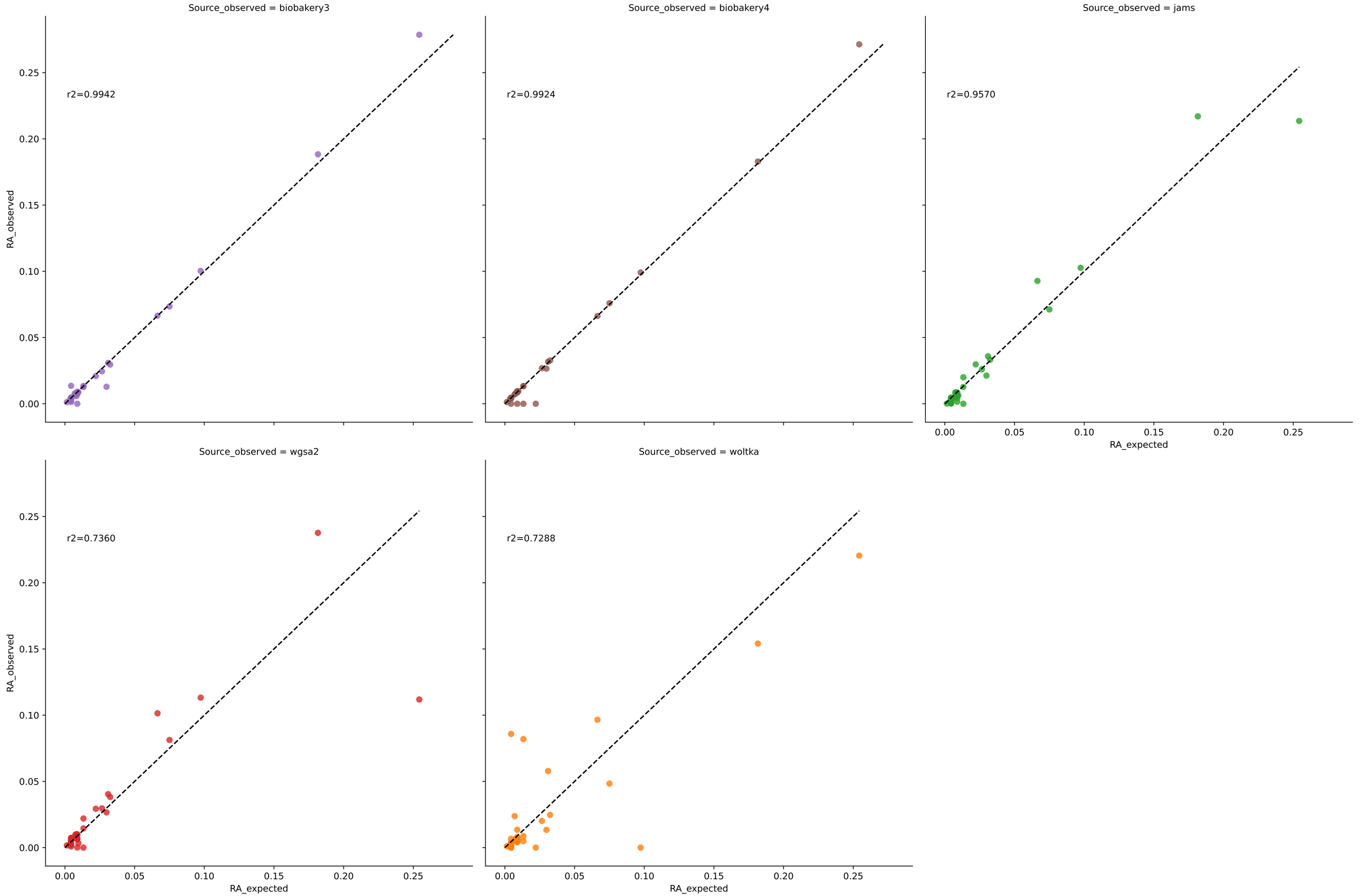


Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0.001)

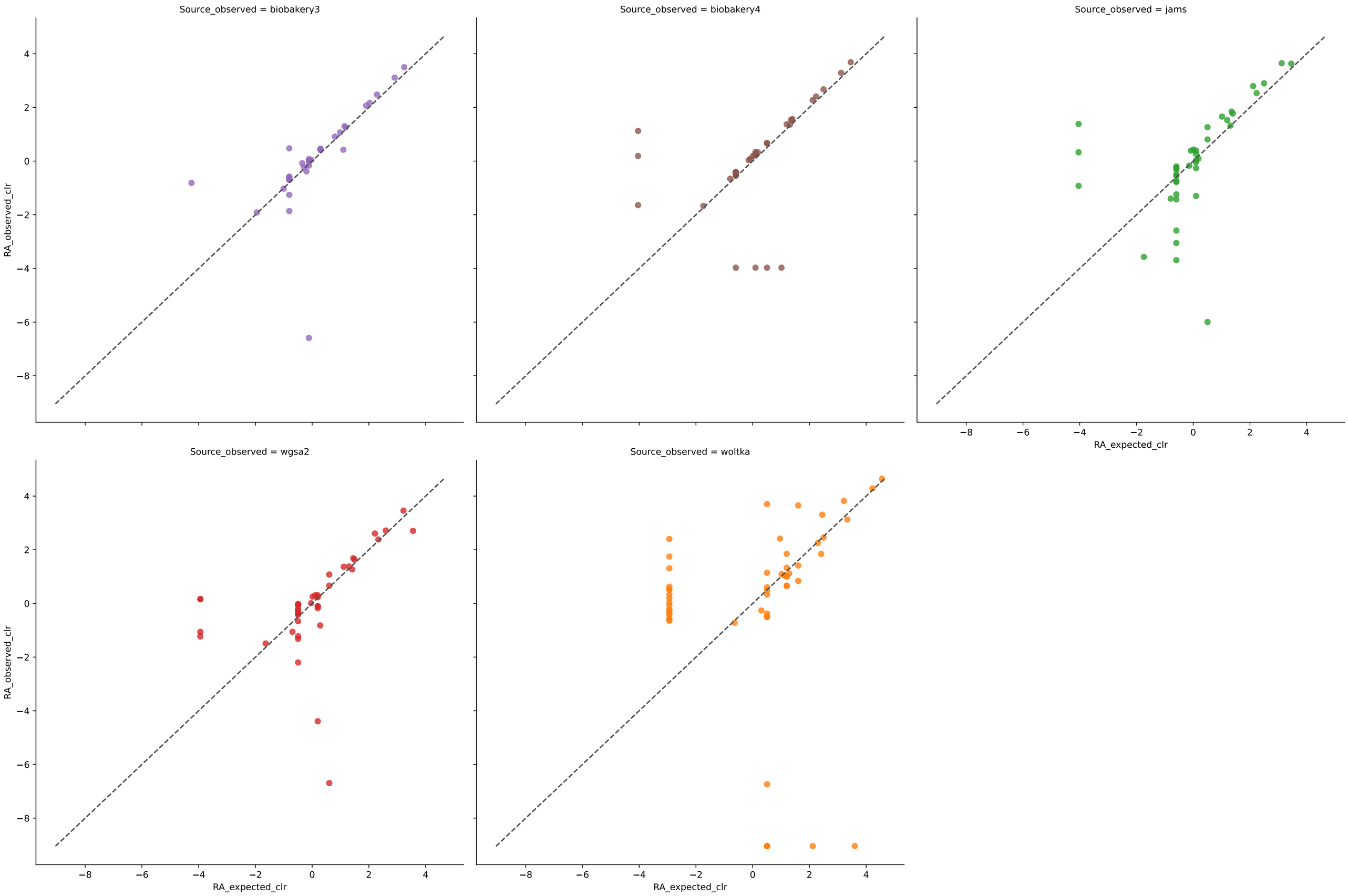


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	13	0.9563	0.0141	5.6829	0.9082	0.0249	83.3333	0.4089
biobakery4	12	0.9201	0.0283	5.6402	0.8301	0.0464	91.6667	0.0000
jams	13	0.9526	0.0150	3.4164	0.9022	0.0256	100.0000	0.0000
wgsa2	12	0.9652	0.0134	0.7733	0.9194	0.0224	100.0000	0.0000
woltka	15	0.7358	0.0392	23.0943	0.7061	0.0737	75.0000	1.0188

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

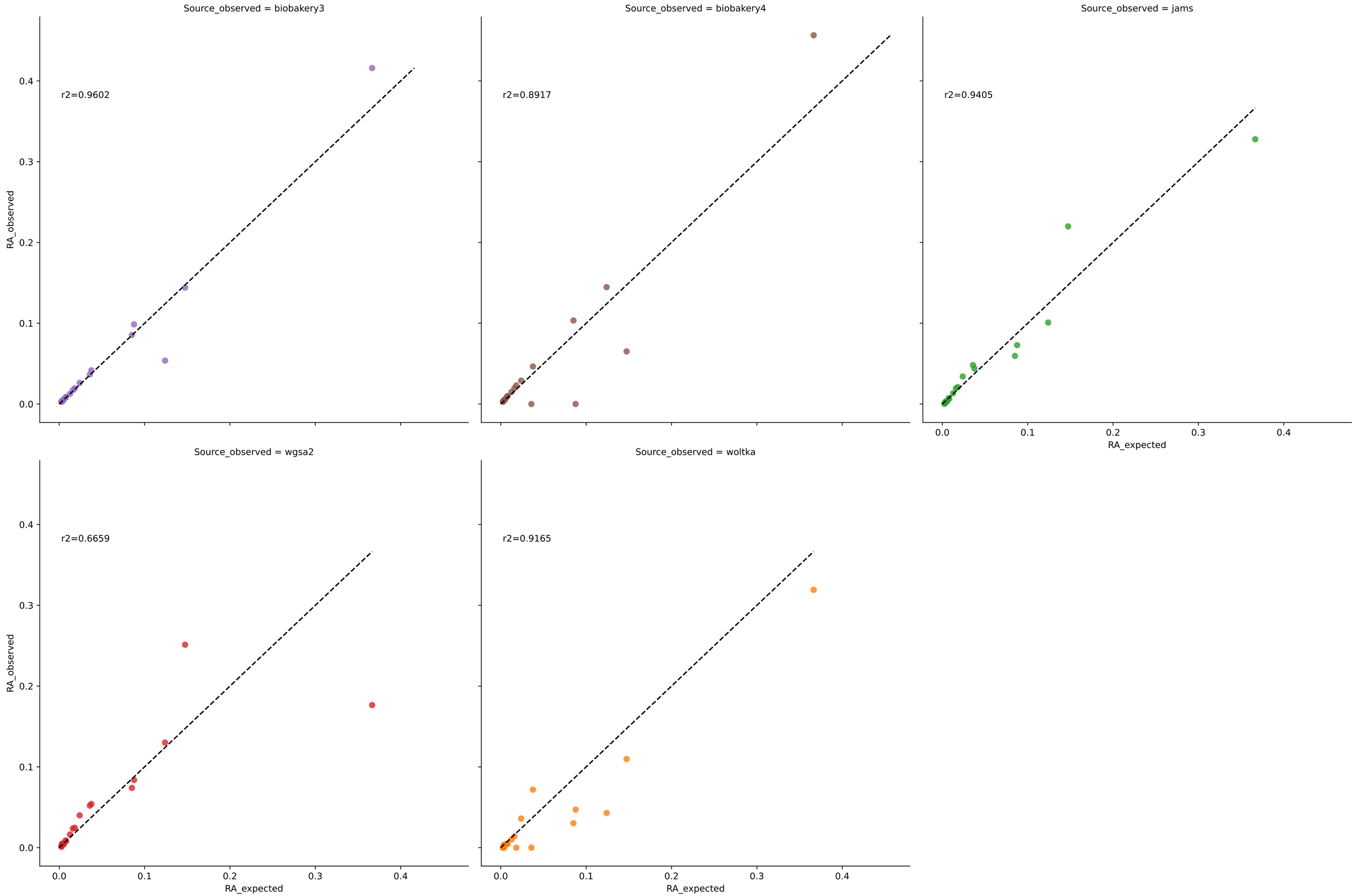


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 0.001)

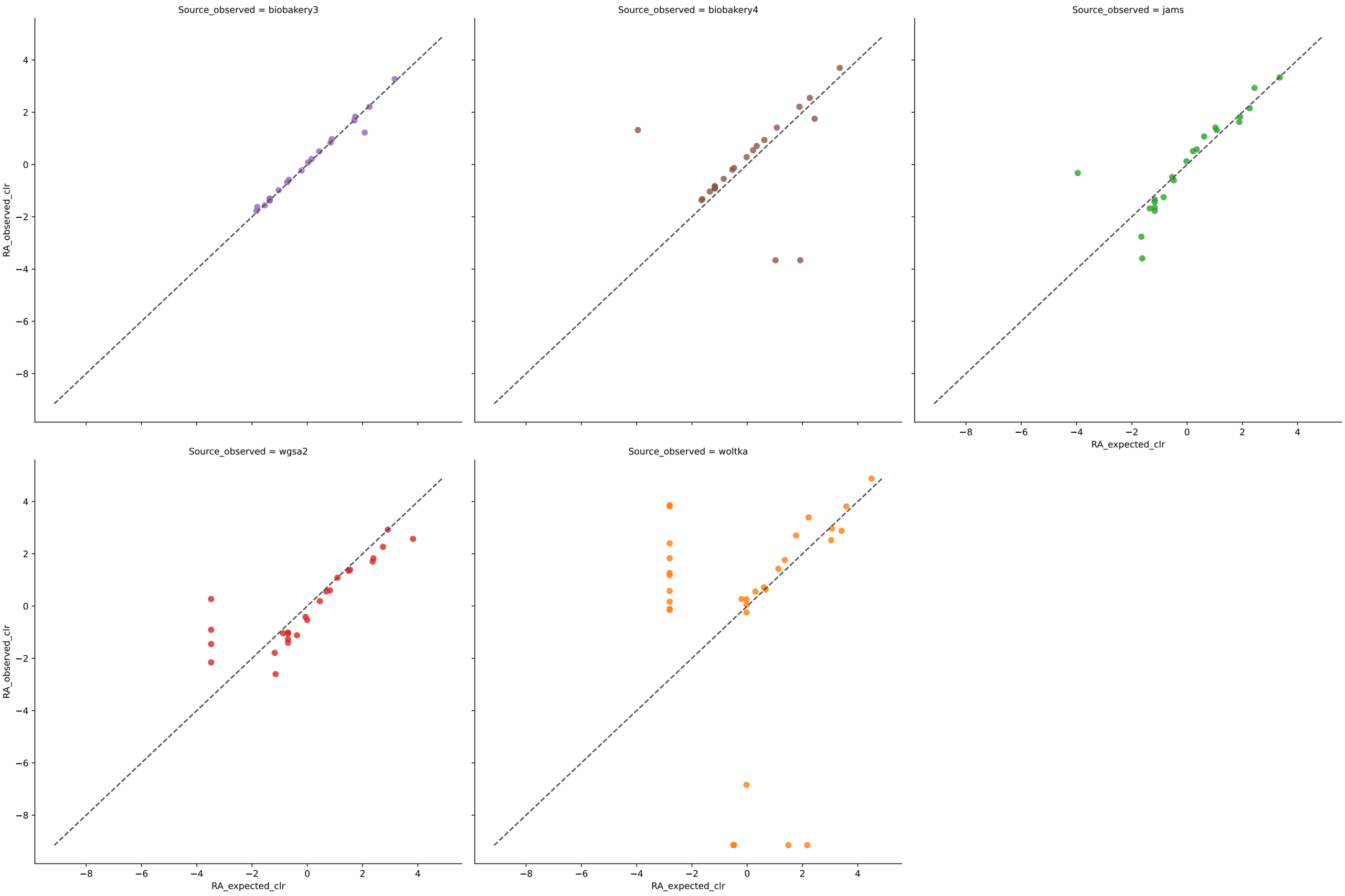


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	38	0.9939	0.0025	7.6121	0.9516	0.0055	100.0000	0.3722
biobakery4	40	0.9867	0.0027	11.1385	0.9456	0.0063	89.1892	3.0587
jams	40	0.9515	0.0061	11.4275	0.8787	0.0110	97.2973	1.0105
wgsa2	41	0.7407	0.0093	11.4746	0.8093	0.0251	97.2973	1.3530
woltka	55	0.7408	0.0111	28.7515	0.6939	0.0223	86.4865	7.5475

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

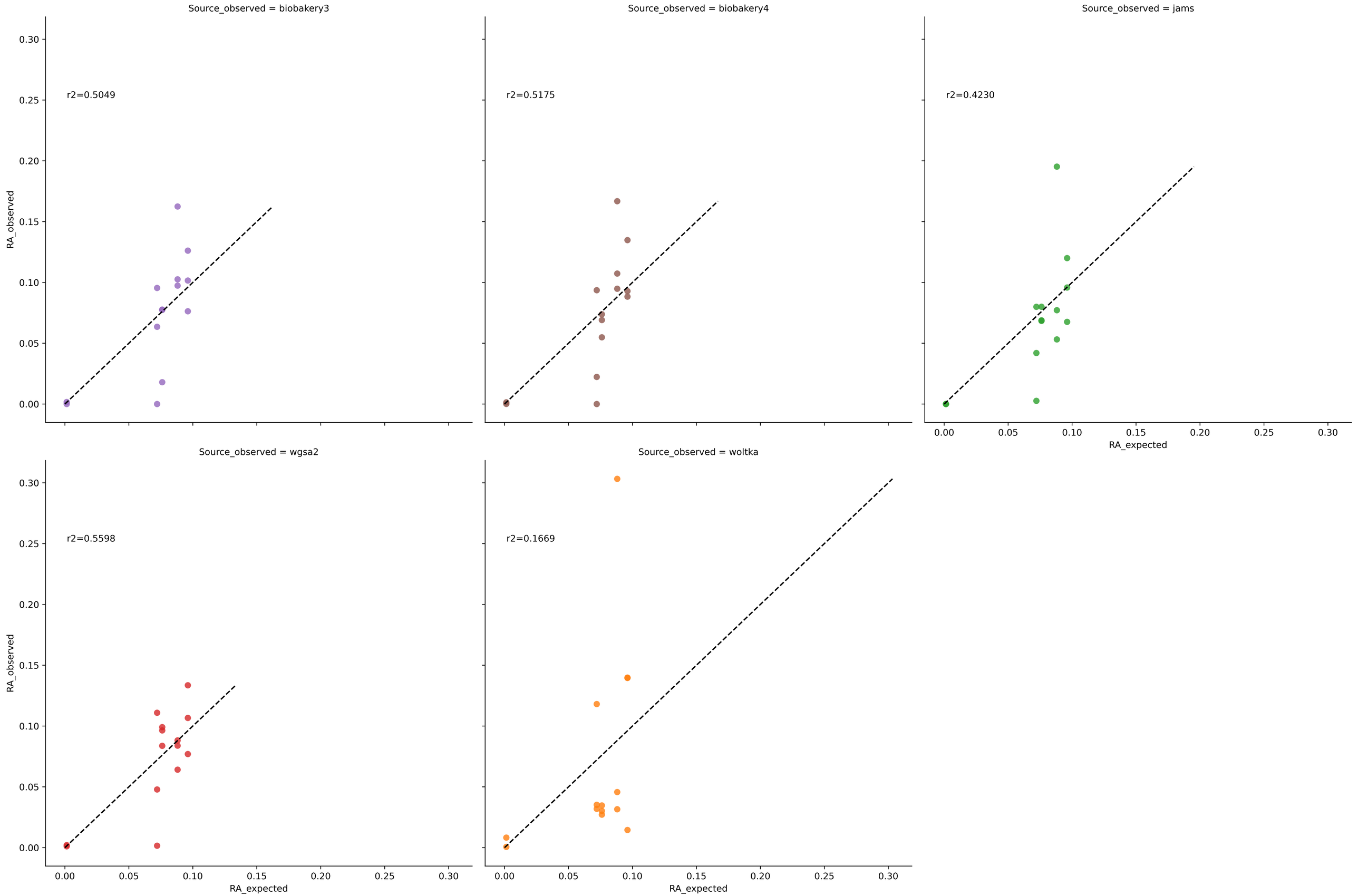


Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 0.001)

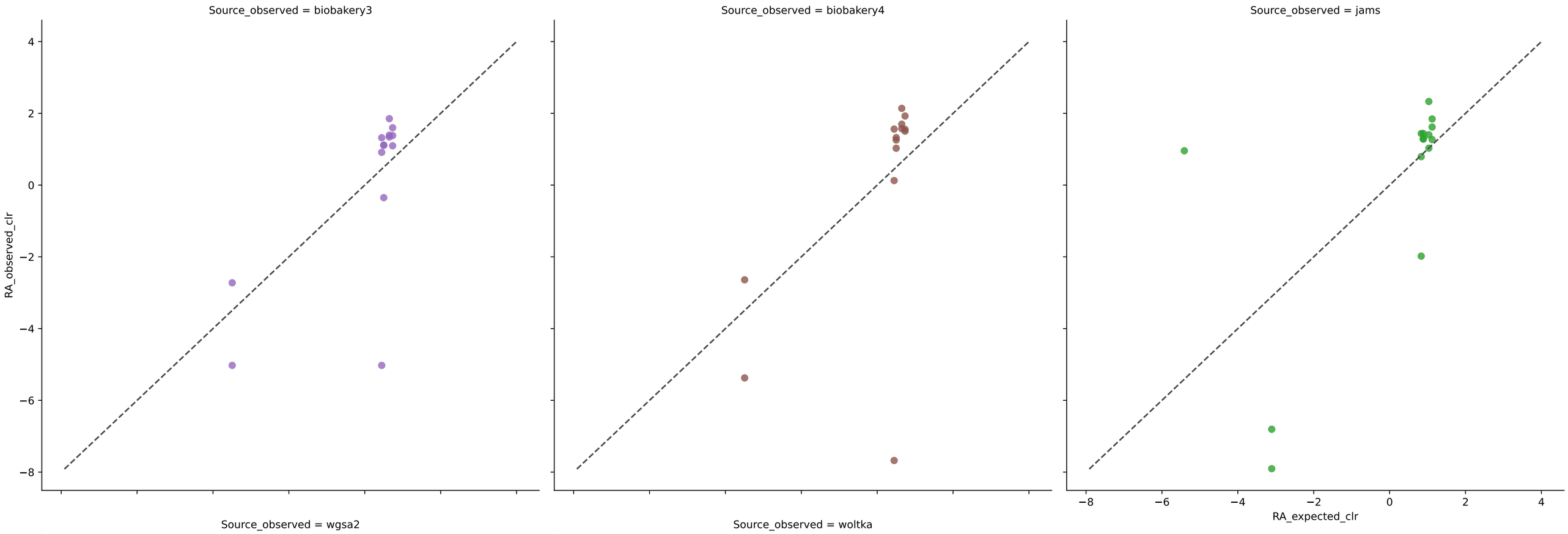


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	21	0.9602	0.0070	0.9101	0.9265	0.0189	100.0000	0.0000
biobakery4	22	0.8799	0.0187	9.1242	0.7943	0.0347	90.4762	4.2389
jams	22	0.9409	0.0106	4.4927	0.8830	0.0197	100.0000	0.0000
wgsa2	25	0.6807	0.0167	5.8138	0.7913	0.0440	100.0000	2.7854
woltka	31	0.7208	0.0220	25.3984	0.6593	0.0378	80.9524	29.4447

Bivariate Linear Regression for Sample EG in Experiment nist (Genus at filter threshold 0.001)

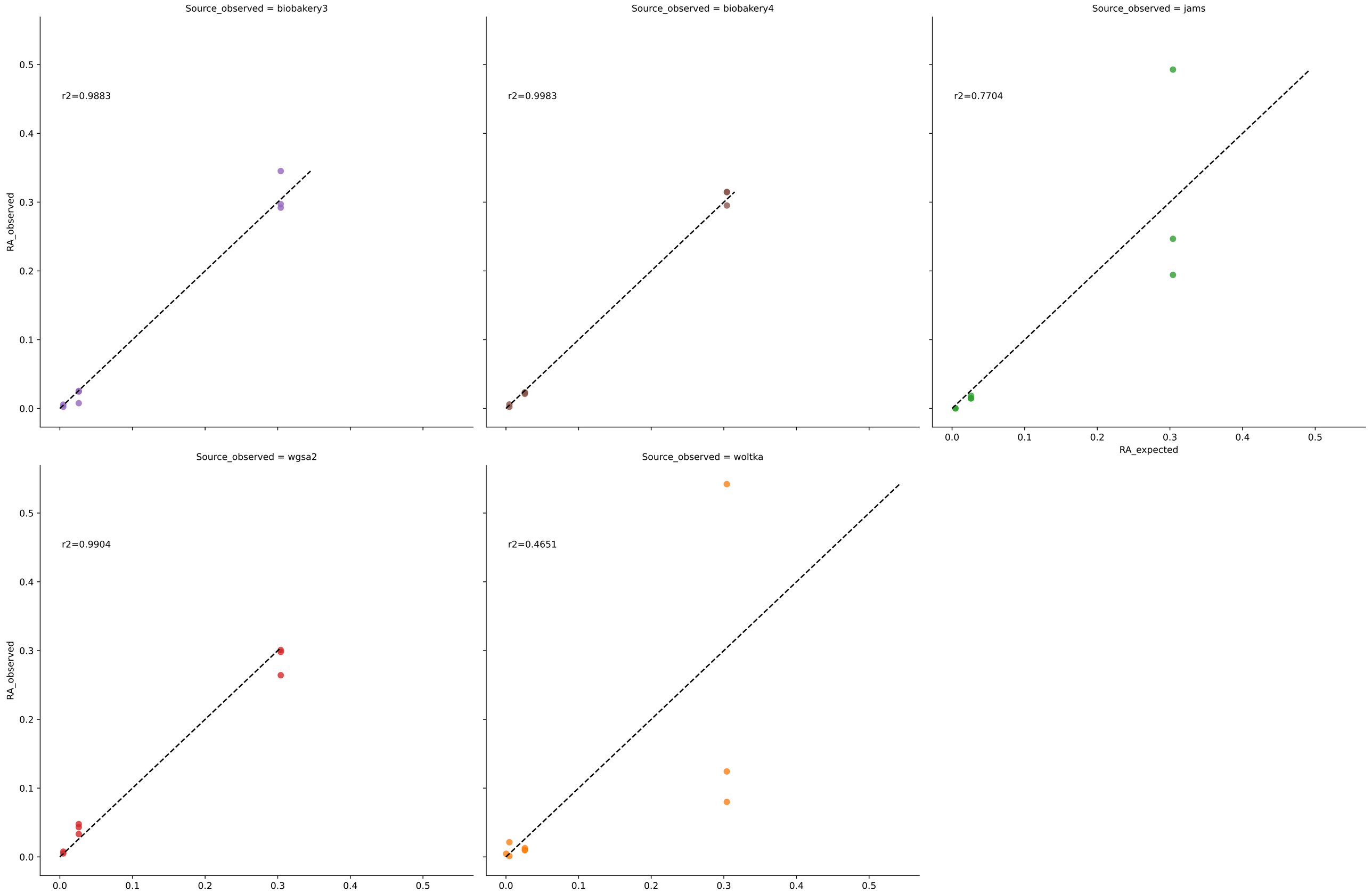


Bivariate Linear Regression for Sample EG in Experiment nist (Genus at filter threshold 0.001)

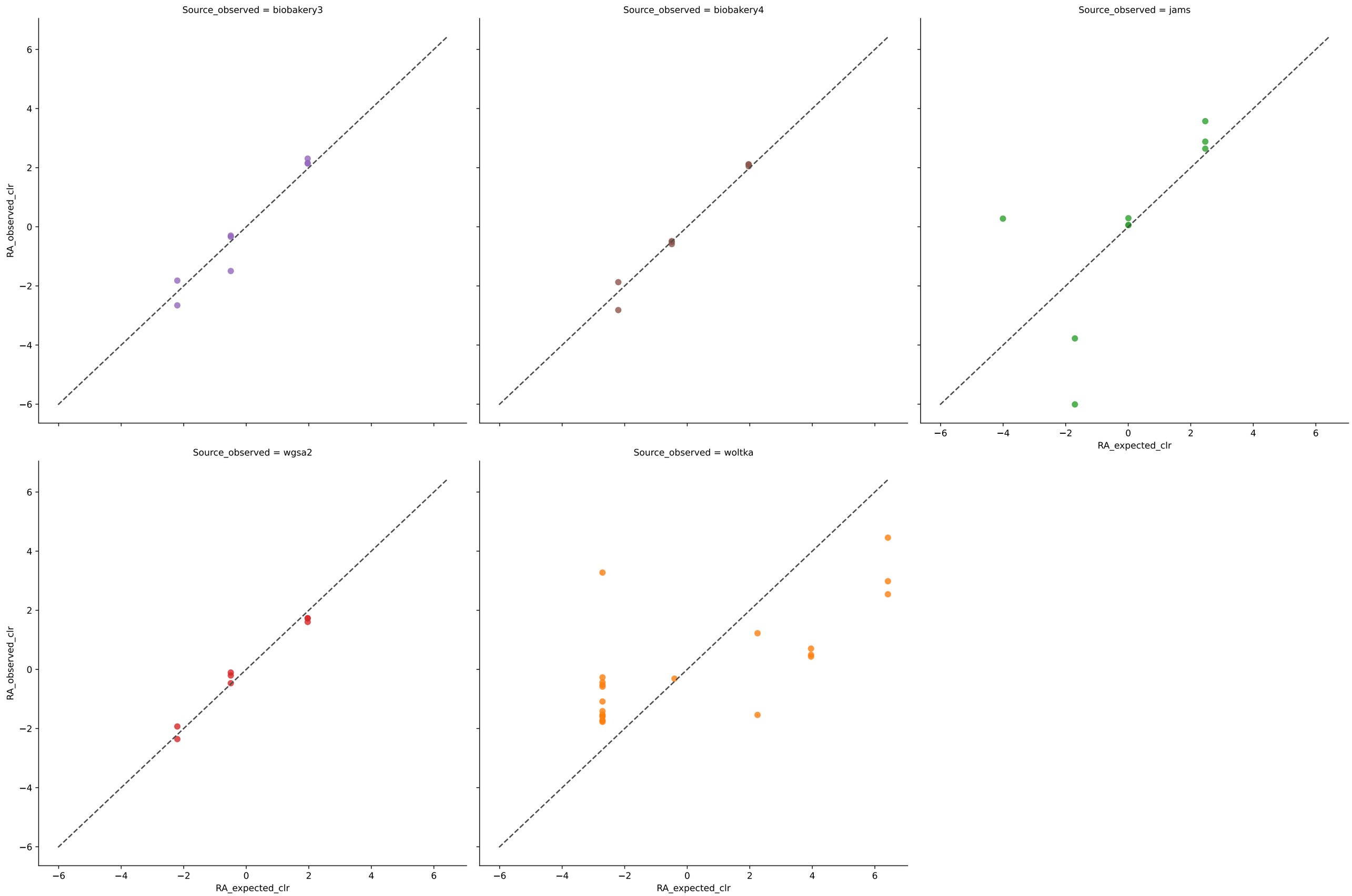


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	14	0.5049	0.0229	6.2553	0.8400	0.0342	85.7143	0.0000
biobakery4	14	0.5175	0.0235	8.9446	0.8352	0.0347	92.8571	0.0000
jams	15	0.3617	0.0256	9.4201	0.8079	0.0388	100.0000	0.0000
wgsa2	15	0.6246	0.0190	5.1859	0.8575	0.0265	100.0000	0.0000
woltka	32	0.4017	0.0247	9.2171	0.6054	0.0478	100.0000	3.9520

Bivariate Linear Regression for Sample MIX-A in Experiment nist (Genus at filter threshold 0.001)



Bivariate Linear Regression for Sample MIX-A in Experiment nist (Genus at filter threshold 0.001)



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.9883	0.0105	1.2667	0.9582	0.0167	100.0000	0.0000
biobakery4	8	0.9983	0.0055	0.7375	0.9779	0.0066	100.0000	0.0000
jams	9	0.7775	0.0460	6.5327	0.7932	0.0758	100.0000	0.0000
wgsa2	8	0.9904	0.0124	0.7571	0.9505	0.0176	100.0000	0.0000
woltka	22	0.4758	0.0411	12.1815	0.5474	0.0874	100.0000	19.3598

Bivariate Linear Regression for Sample MIX-B in Experiment nist (Genus at filter threshold 0.001)

Source_observed = biobakery3

r2=0.7117

Source_observed = biobakery4

r2=0.9737

Source_observed = jams

r2=0.9604

Source_observed = wgsa2

r2=0.9659

Source_observed = woltka

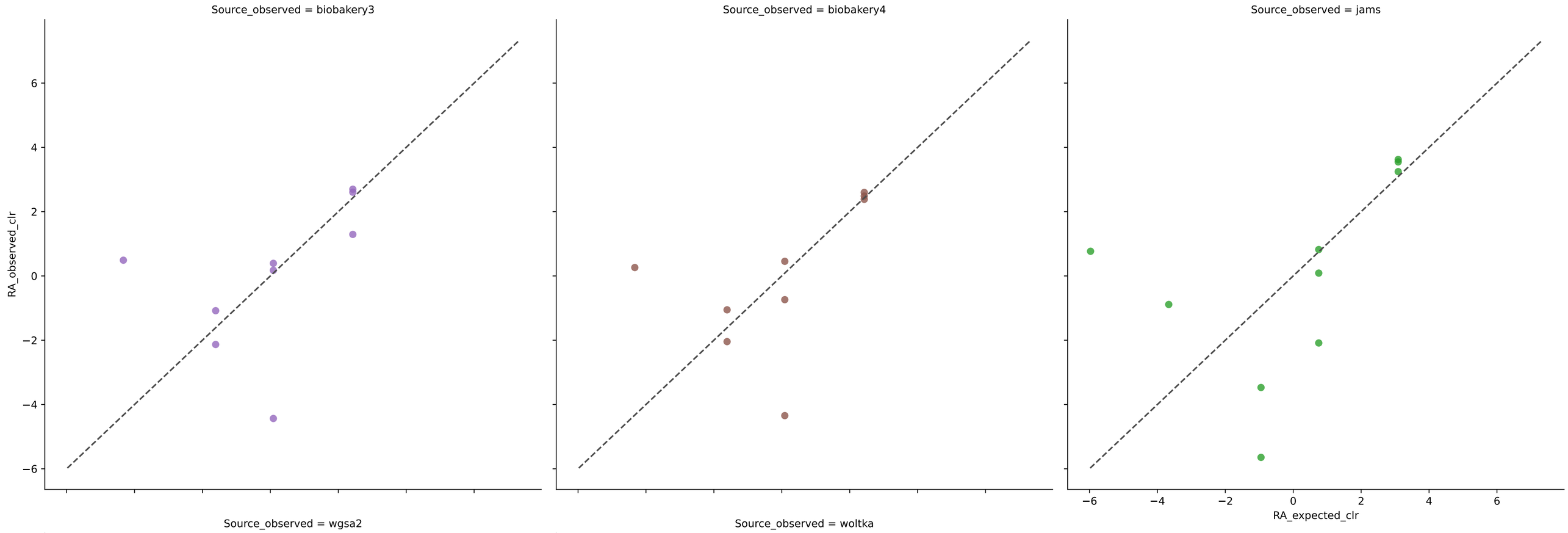
r2=0.7833

RA_observed

RA_expected

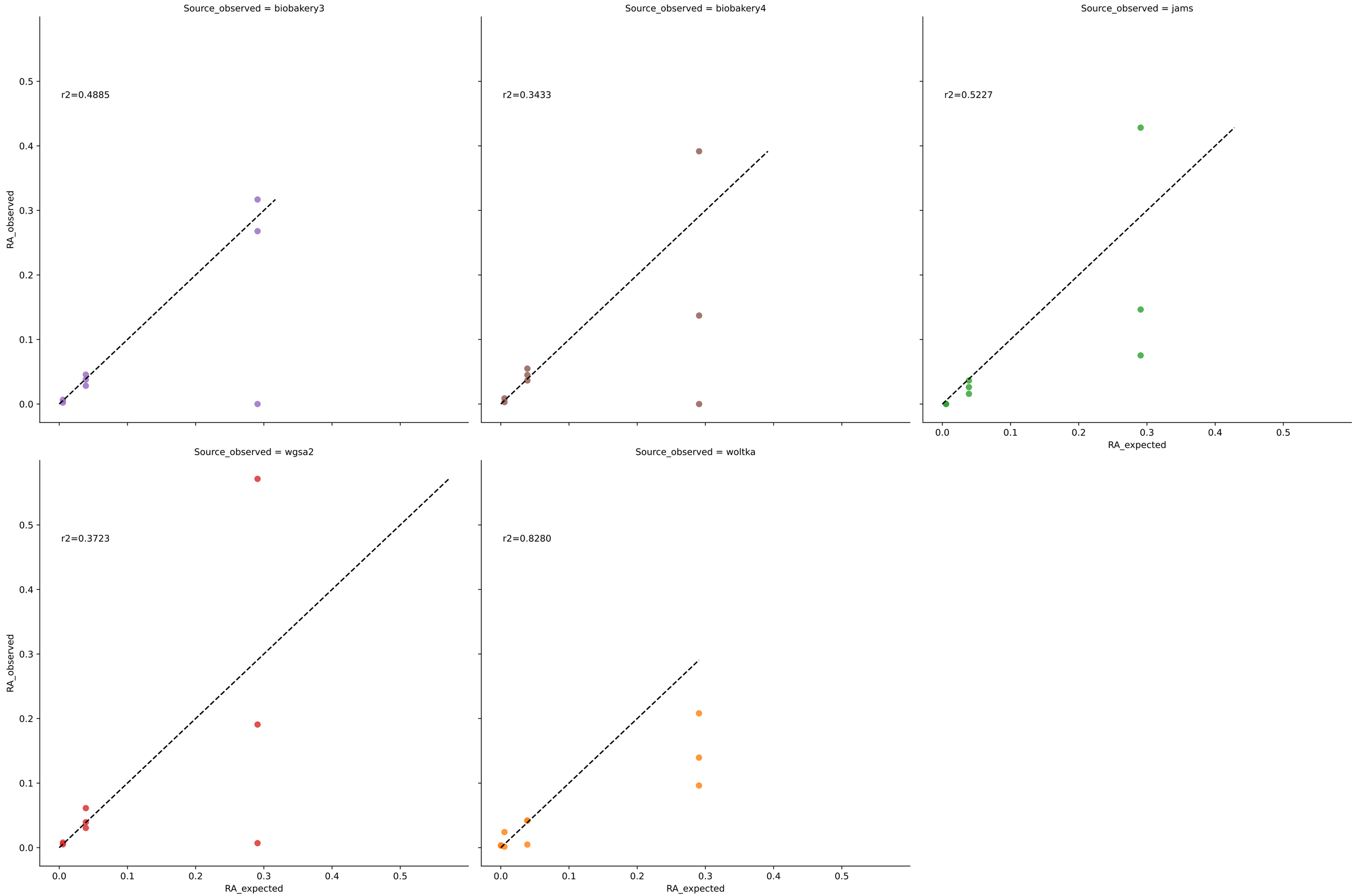
0.00 0.05 0.10 0.15 0.20 0.25 0.30 0.35 0.40

Bivariate Linear Regression for Sample MIX-B in Experiment nist (Genus at filter threshold 0.001)

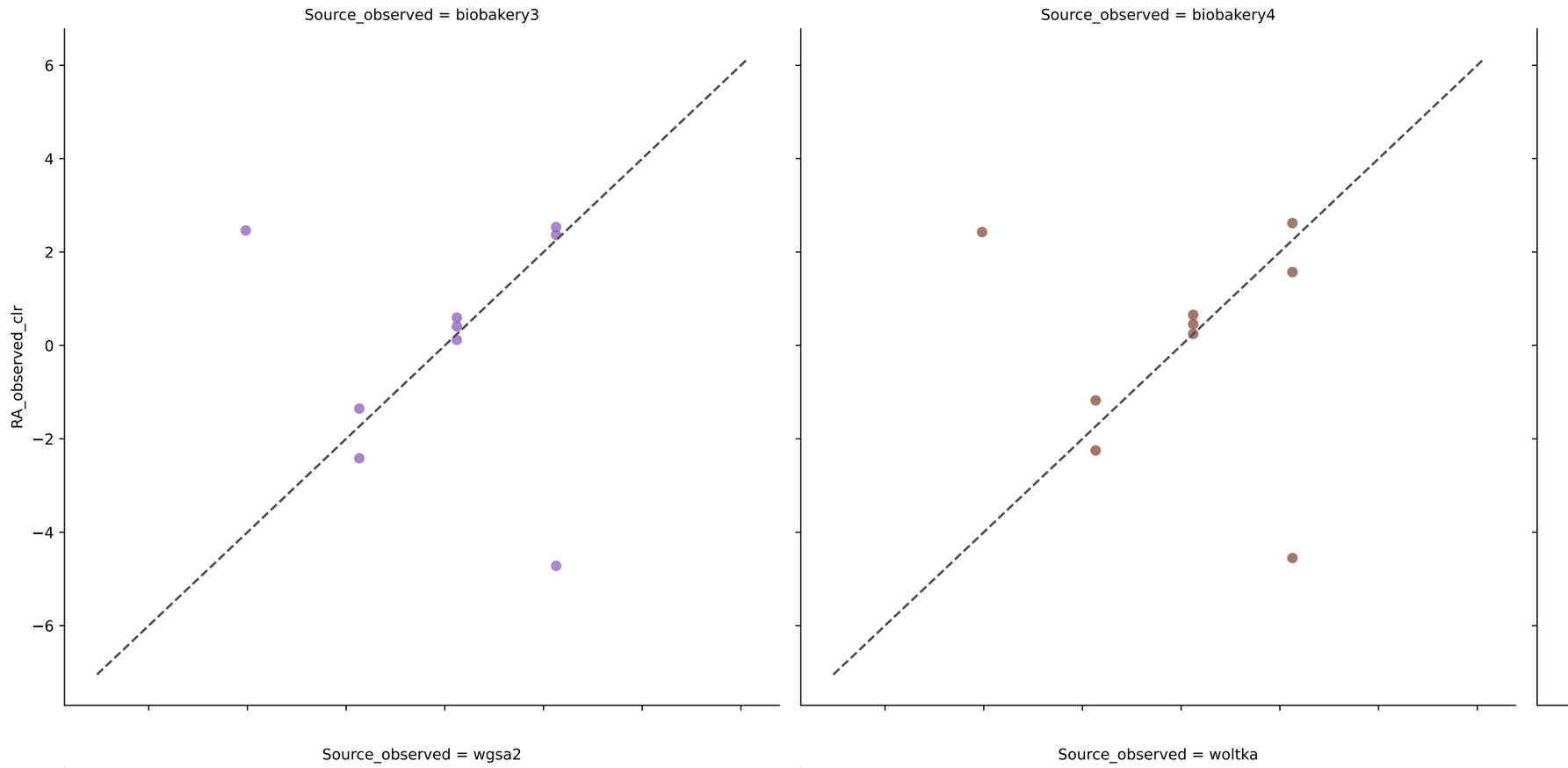


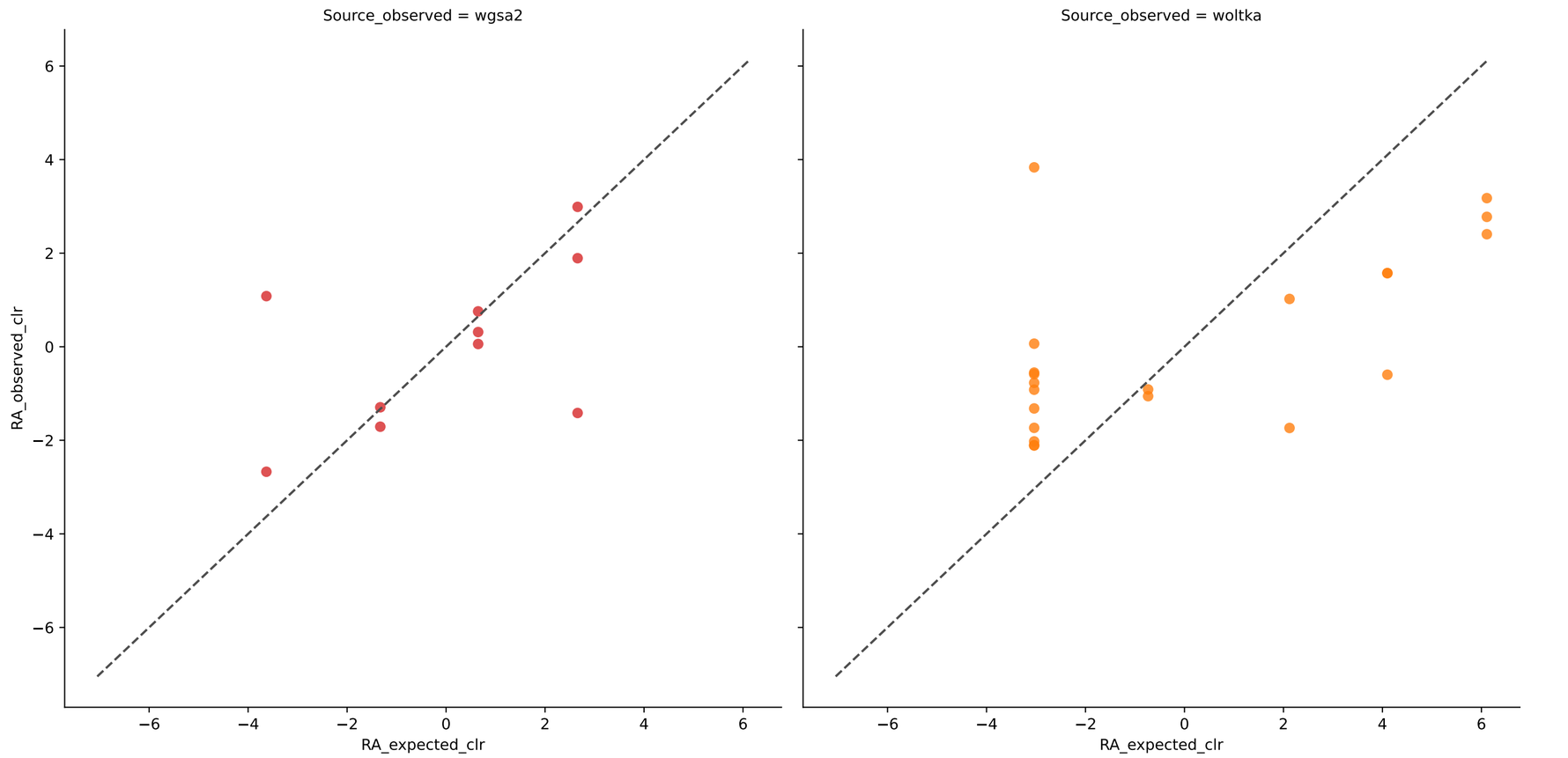
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	9	0.7117	0.0517	6.7620	0.7672	0.0808	88.8889	0.0000
biobakery4	9	0.9737	0.0178	6.4870	0.9201	0.0221	88.8889	0.0000
jams	10	0.9576	0.0235	9.5143	0.8826	0.0304	100.0000	0.0000
wgsa2	10	0.9677	0.0184	6.1402	0.9082	0.0253	100.0000	0.0000
woltka	34	0.8390	0.0189	12.1037	0.6794	0.0395	100.0000	11.6132

Bivariate Linear Regression for Sample MIX-C in Experiment nist (Genus at filter threshold 0.001)



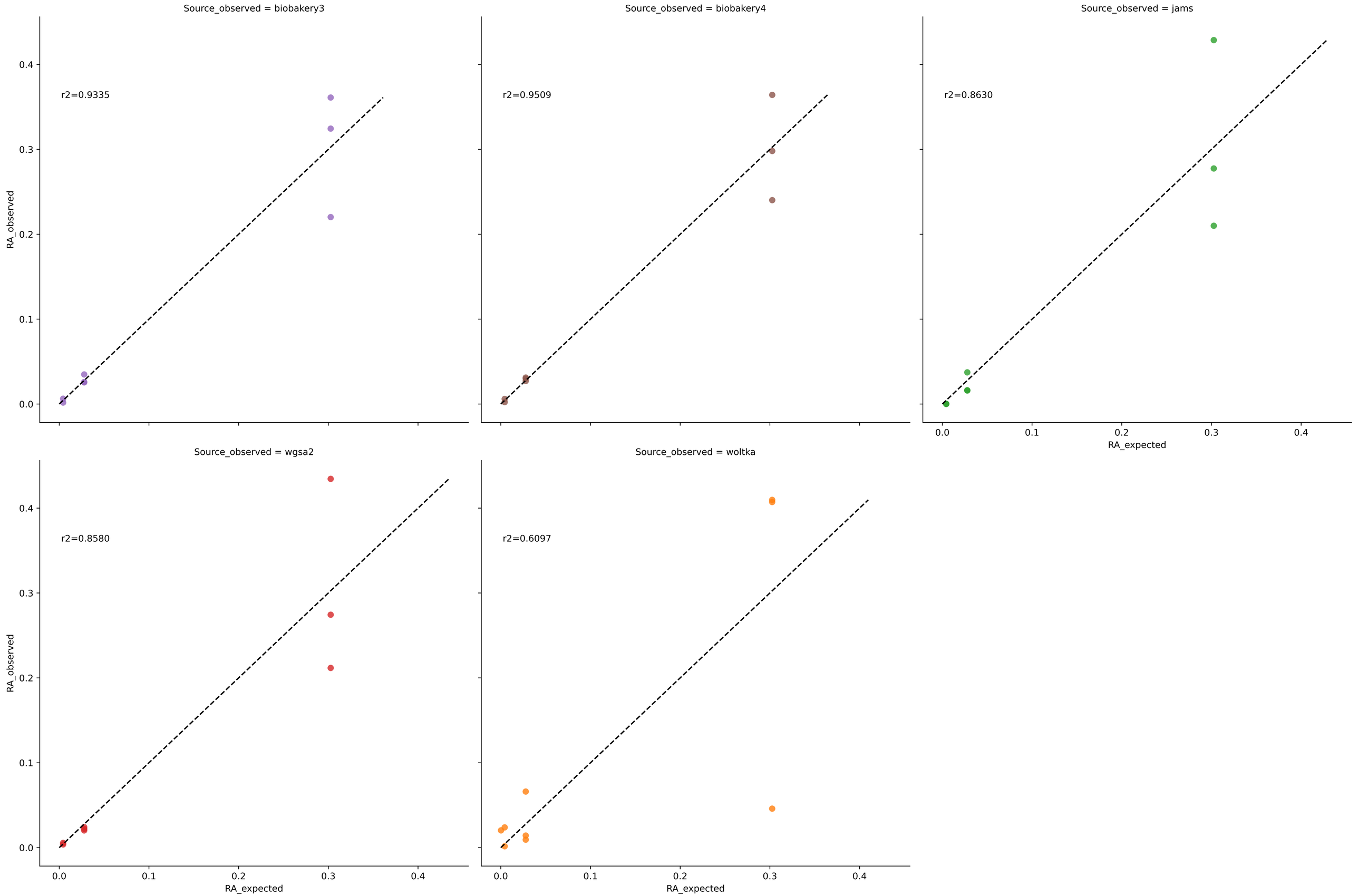
Bivariate Linear Regression for Sample MIX-C in Experiment nist (Genus at filter threshold 0.001)



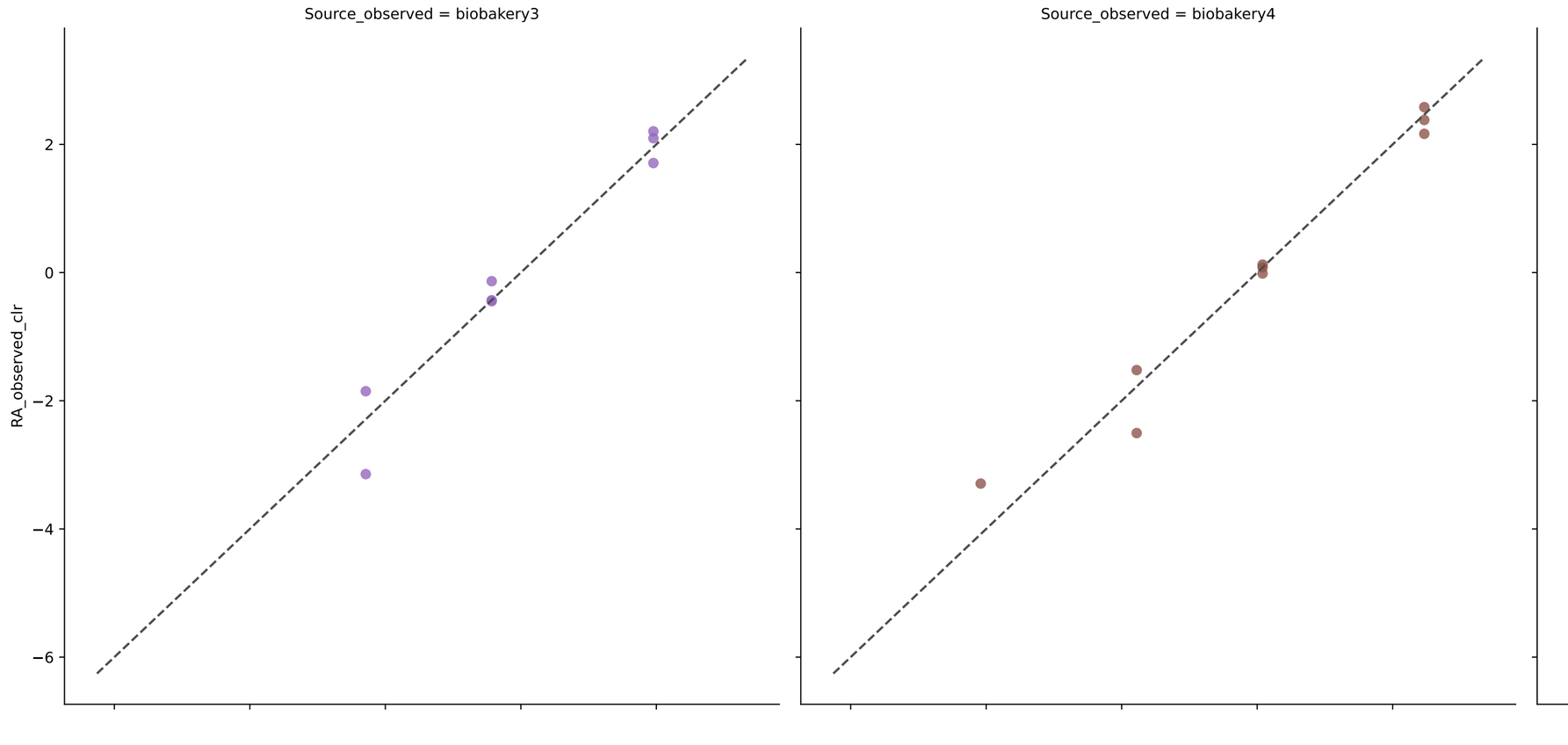


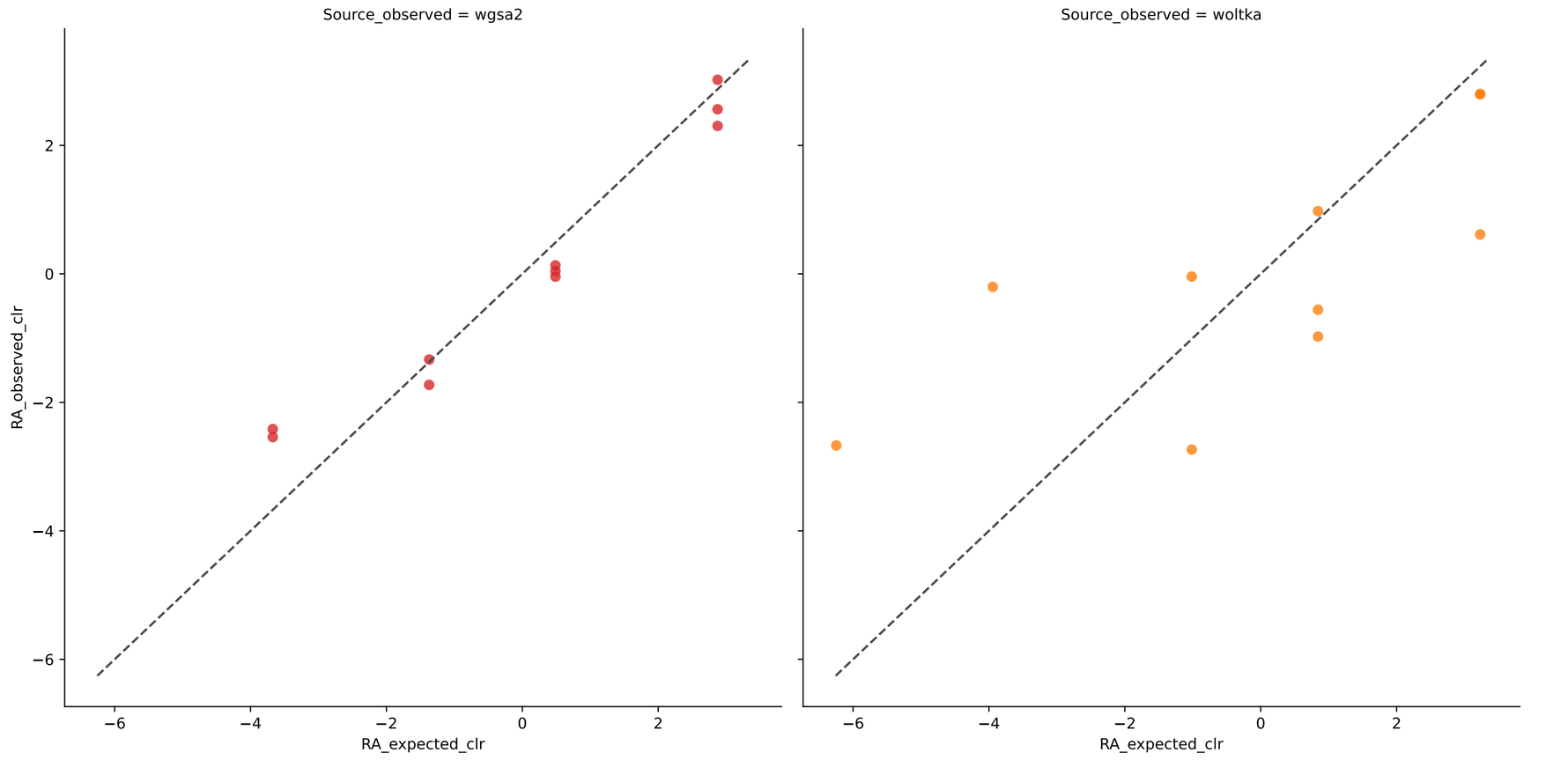
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	9	0.1788	0.0730	9.5770	0.6713	0.1386	87.5000	29.4877
biobakery4	9	0.0911	0.0998	9.4593	0.5507	0.1574	87.5000	32.3094
jams	10	0.3242	0.0818	10.2659	0.5912	0.1180	100.0000	22.4024
wgsa2	10	0.3793	0.0785	6.4058	0.6075	0.1331	100.0000	8.4784
woltka	21	0.1804	0.0444	13.0602	0.5340	0.1048	100.0000	43.5475

Bivariate Linear Regression for Sample MIX-D in Experiment nist (Genus at filter threshold 0.001)



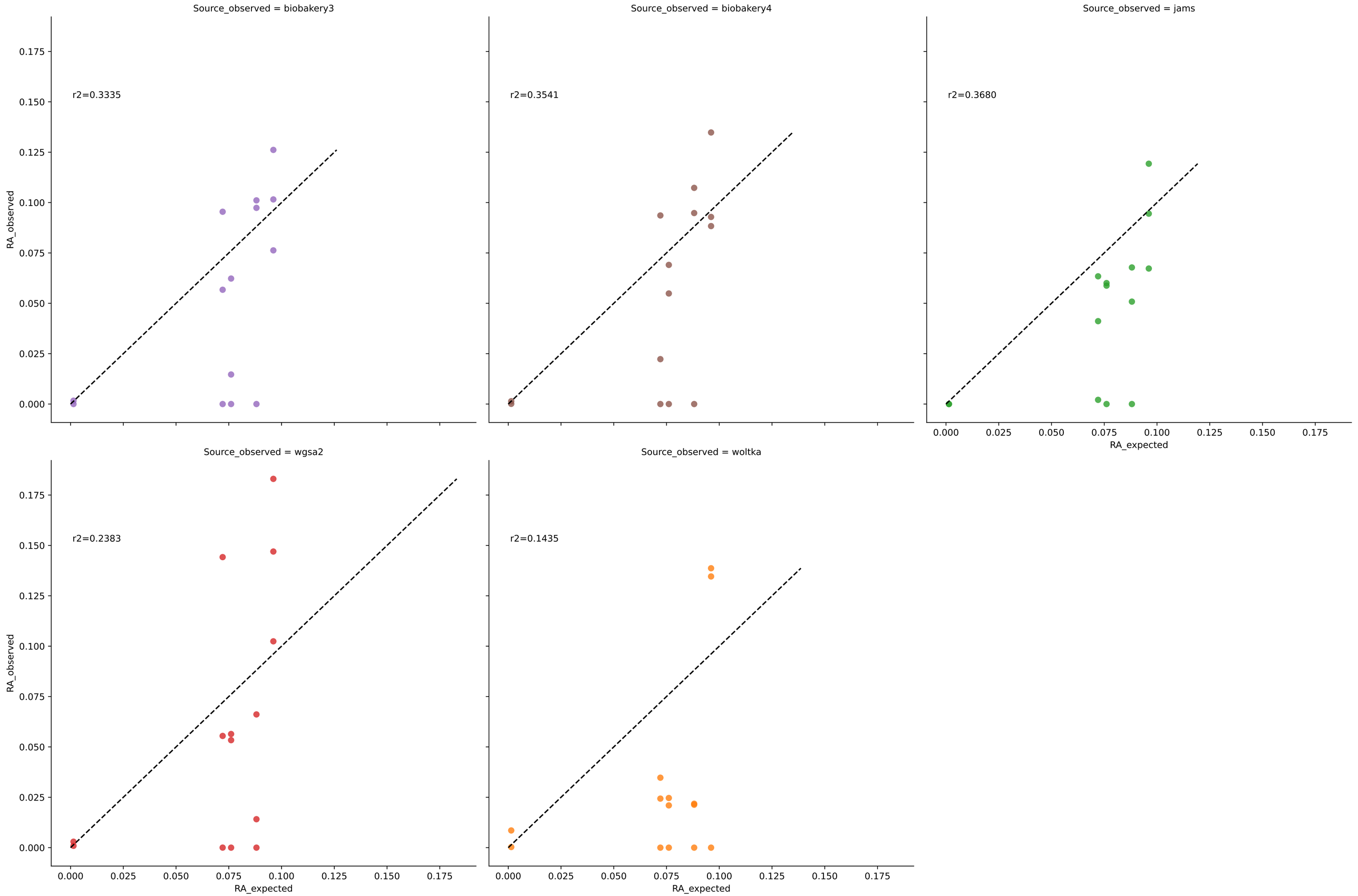
Bivariate Linear Regression for Sample MIX-D in Experiment nist (Genus at filter threshold 0.001)



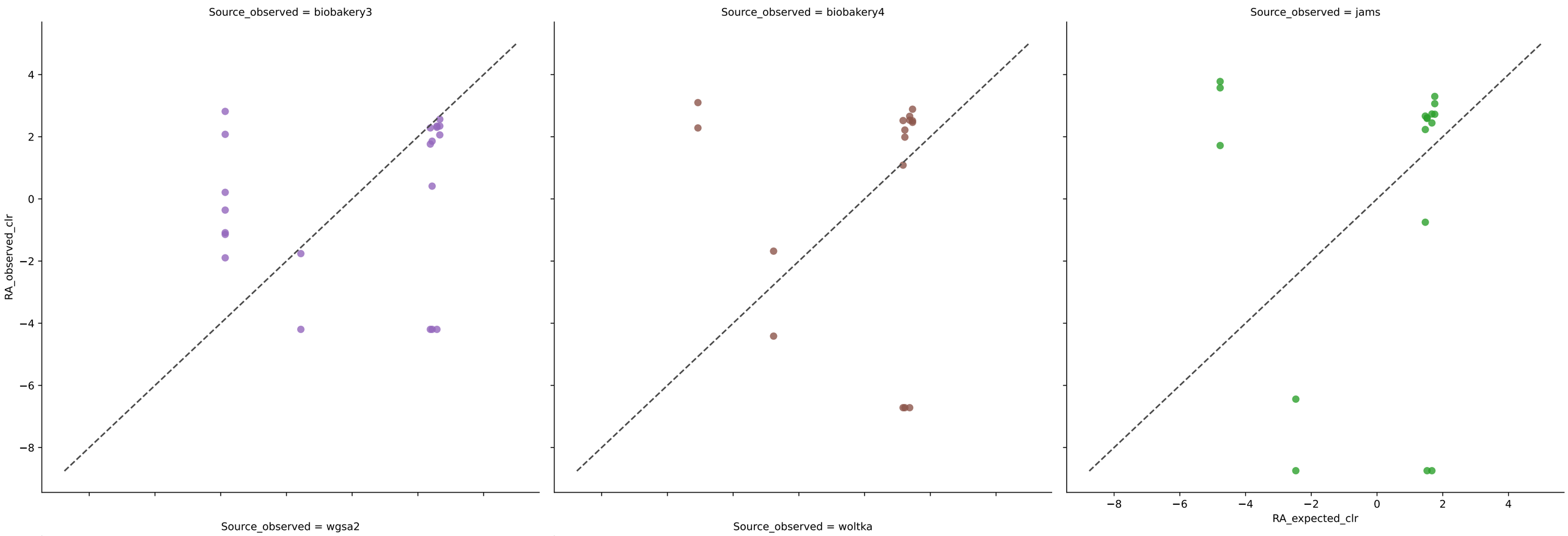


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.9335	0.0223	1.0739	0.9107	0.0367	100.0000	0.0000
biobakery4	9	0.9548	0.0155	1.1561	0.9303	0.0293	100.0000	0.1024
jams	9	0.8689	0.0332	6.1379	0.8504	0.0534	100.0000	0.0000
wgsa2	10	0.8741	0.0273	2.0101	0.8634	0.0515	100.0000	0.1669
woltka	10	0.6269	0.0583	6.5728	0.7087	0.0954	100.0000	0.1723

Bivariate Linear Regression for Sample EG in Experiment nist (Species at filter threshold 0.001)



Bivariate Linear Regression for Sample EG in Experiment nist (Species at filter threshold 0.001)



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	21	0.1310	0.0332	16.5318	0.6519	0.0524	71.4286	26.6753
biobakery4	16	0.0130	0.0408	18.0567	0.6733	0.0599	78.5714	24.0614
jams	17	0.0166	0.0468	21.6786	0.6019	0.0711	78.5714	21.7573
wgsa2	18	0.1471	0.0435	20.1581	0.6082	0.0561	85.7143	16.8108
woltka	53	0.0422	0.0248	24.0247	0.3417	0.0546	71.4286	57.0091

Bivariate Linear Regression for Sample MIX-A in Experiment nist (Species at filter threshold 0.001)

Source_observed = biobakery3

r2=0.5355

Source_observed = biobakery4

r2=0.5277

Source_observed = jams

r2=0.5255

Source_observed = wgsa2

r2=0.2856

Source_observed = woltka

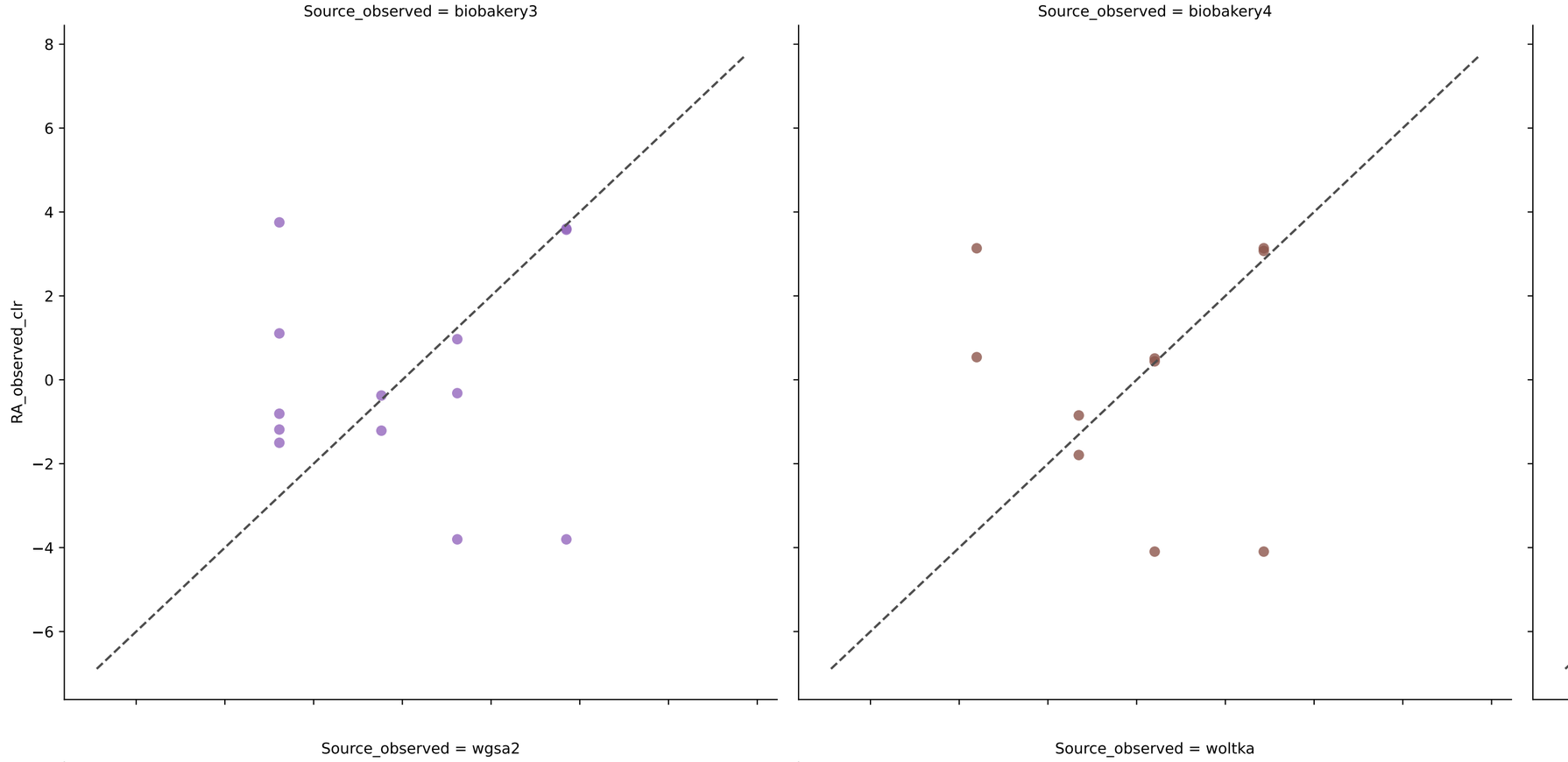
r2=0.4291

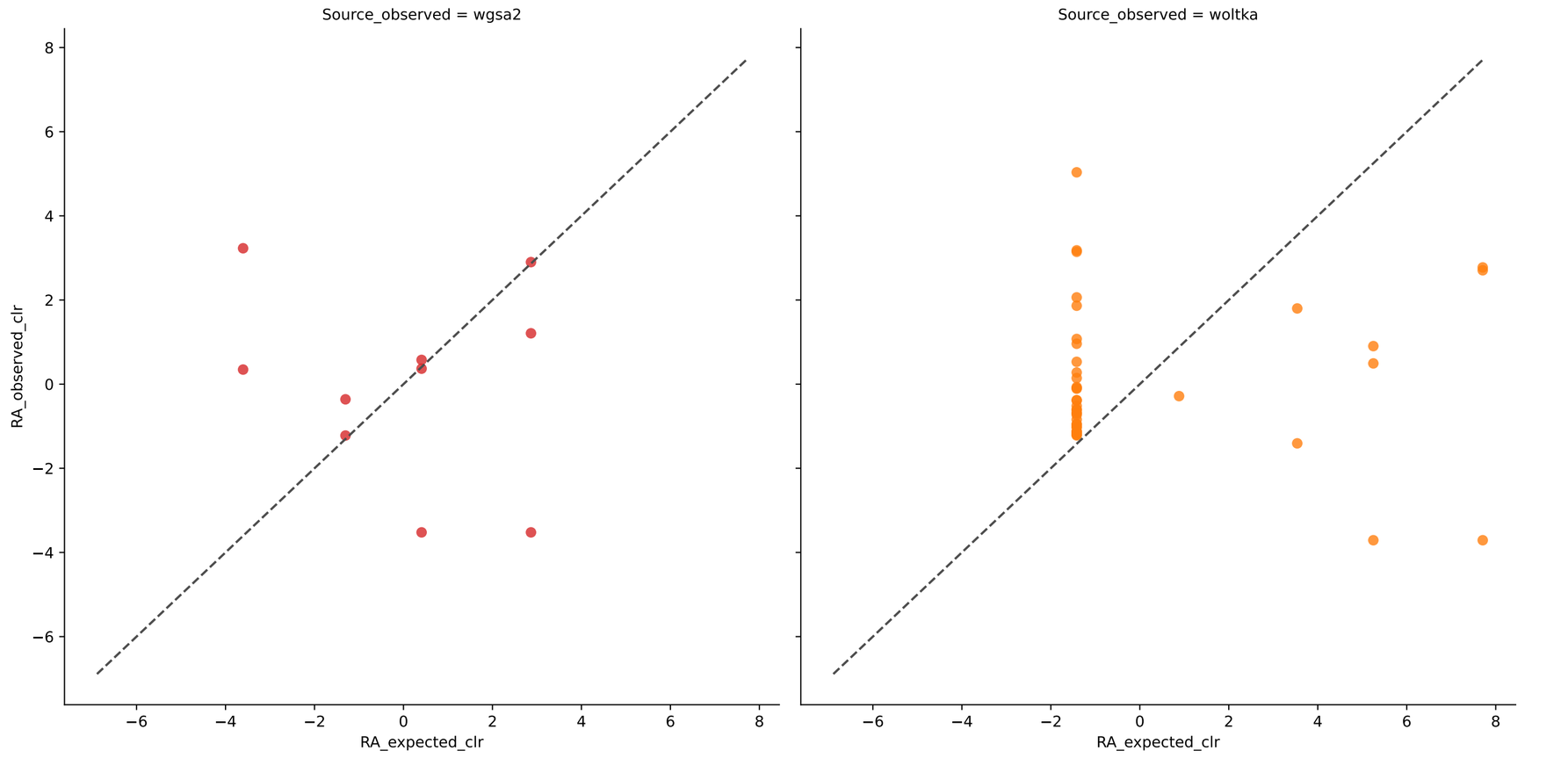
RA_observed

RA_expected

0.00 0.05 0.10 0.15 0.20 0.25 0.30 0.35

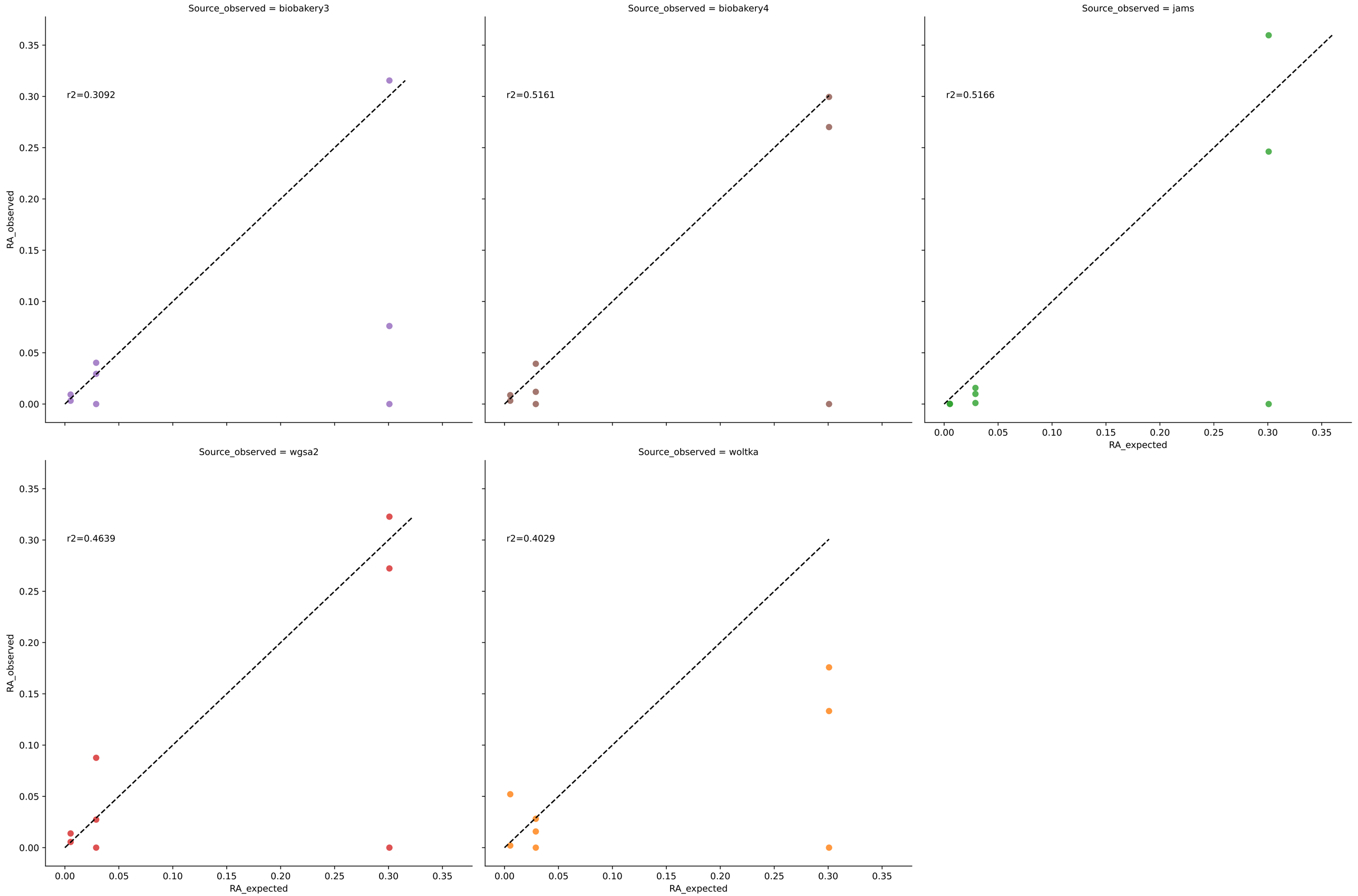
Bivariate Linear Regression for Sample MIX-A in Experiment nist (Species at filter threshold 0.001)



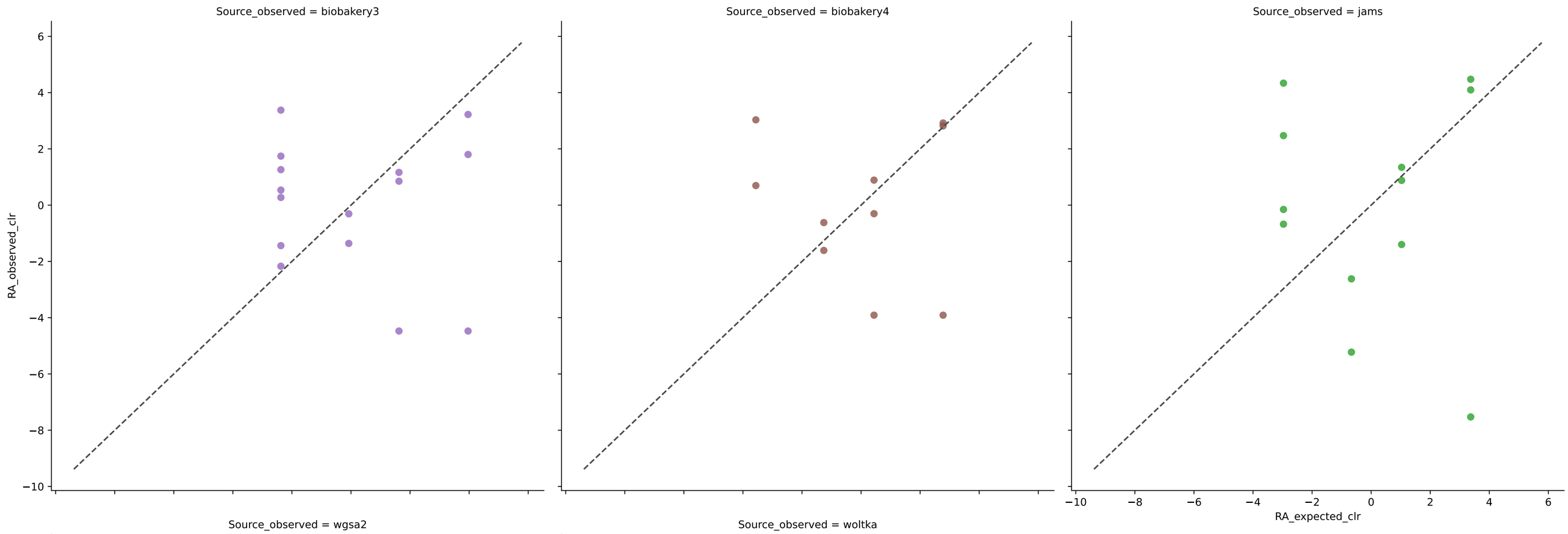


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	13	0.2396	0.0582	12.2617	0.6214	0.1282	75.0000	37.7749
biobakery4	10	0.2243	0.0700	11.4853	0.6502	0.1389	75.0000	33.7918
jams	11	0.0395	0.0971	17.3220	0.4658	0.1791	75.0000	49.4673
wgsa2	10	0.0152	0.1141	11.0573	0.4295	0.1965	75.0000	50.8964
woltka	42	0.0014	0.0413	21.6919	0.1320	0.1132	77.7778	84.8659

Bivariate Linear Regression for Sample MIX-B in Experiment nist (Species at filter threshold 0.001)

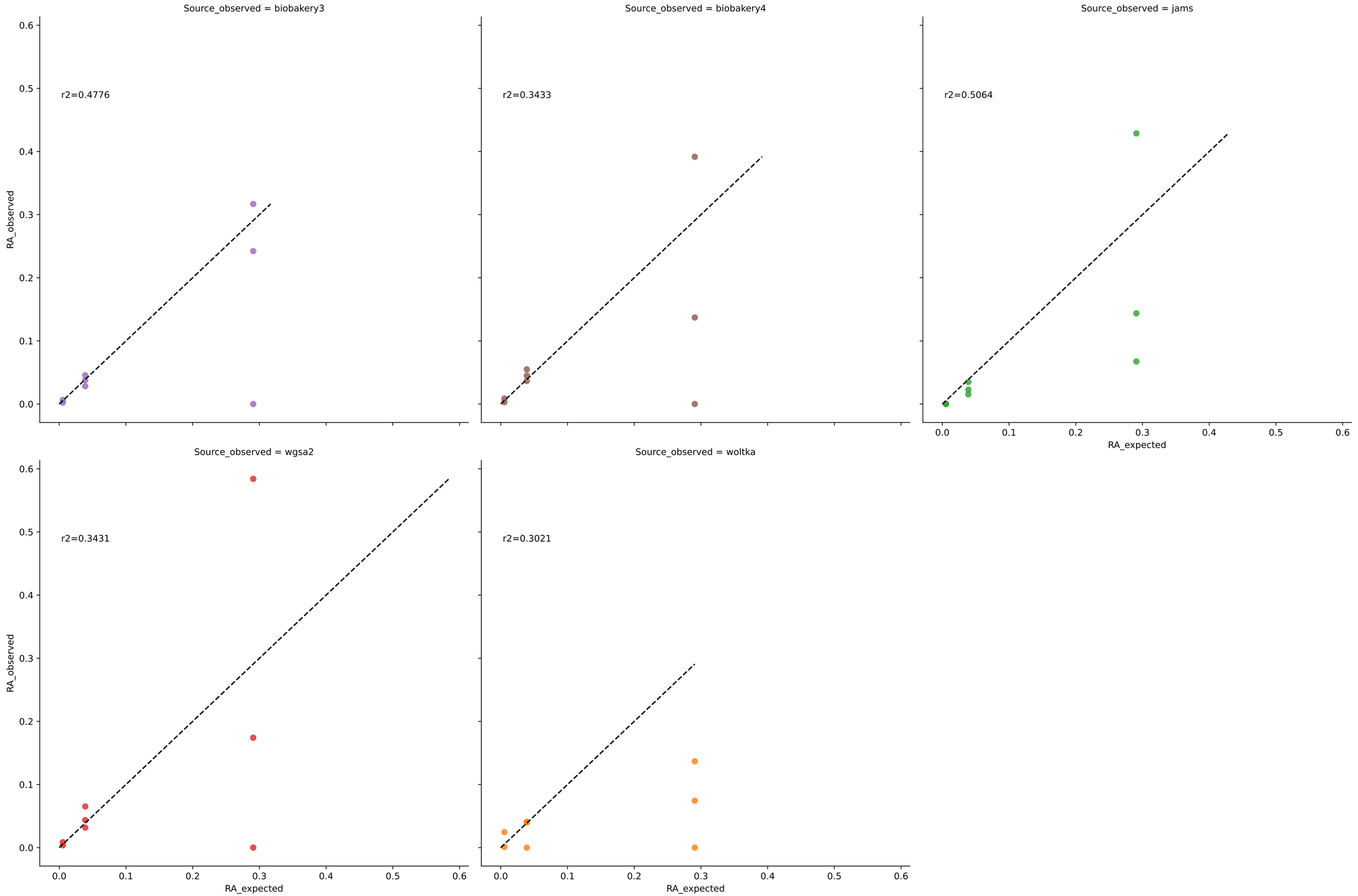


Bivariate Linear Regression for Sample MIX-B in Experiment nist (Species at filter threshold 0.001)

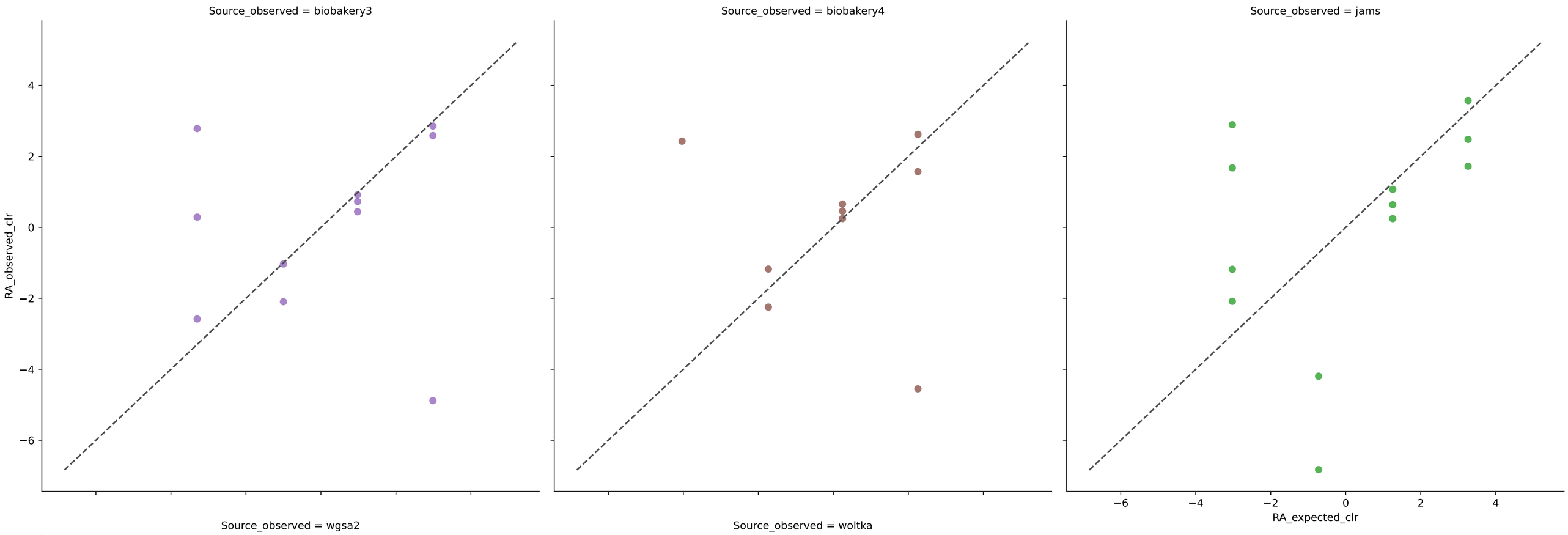


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	15	0.0741	0.0742	13.9916	0.4434	0.1379	75.0000	52.6298
biobakery4	10	0.1718	0.0762	11.2519	0.6190	0.1435	75.0000	36.7322
jams	12	0.2511	0.0710	15.7257	0.5739	0.1287	87.5000	31.8811
wgsa2	11	0.2842	0.0655	17.2446	0.6400	0.1210	87.5000	26.8075
woltka	65	0.2649	0.0197	15.4983	0.3603	0.0543	75.0000	59.2902

Bivariate Linear Regression for Sample MIX-C in Experiment nist (Species at filter threshold 0.001)

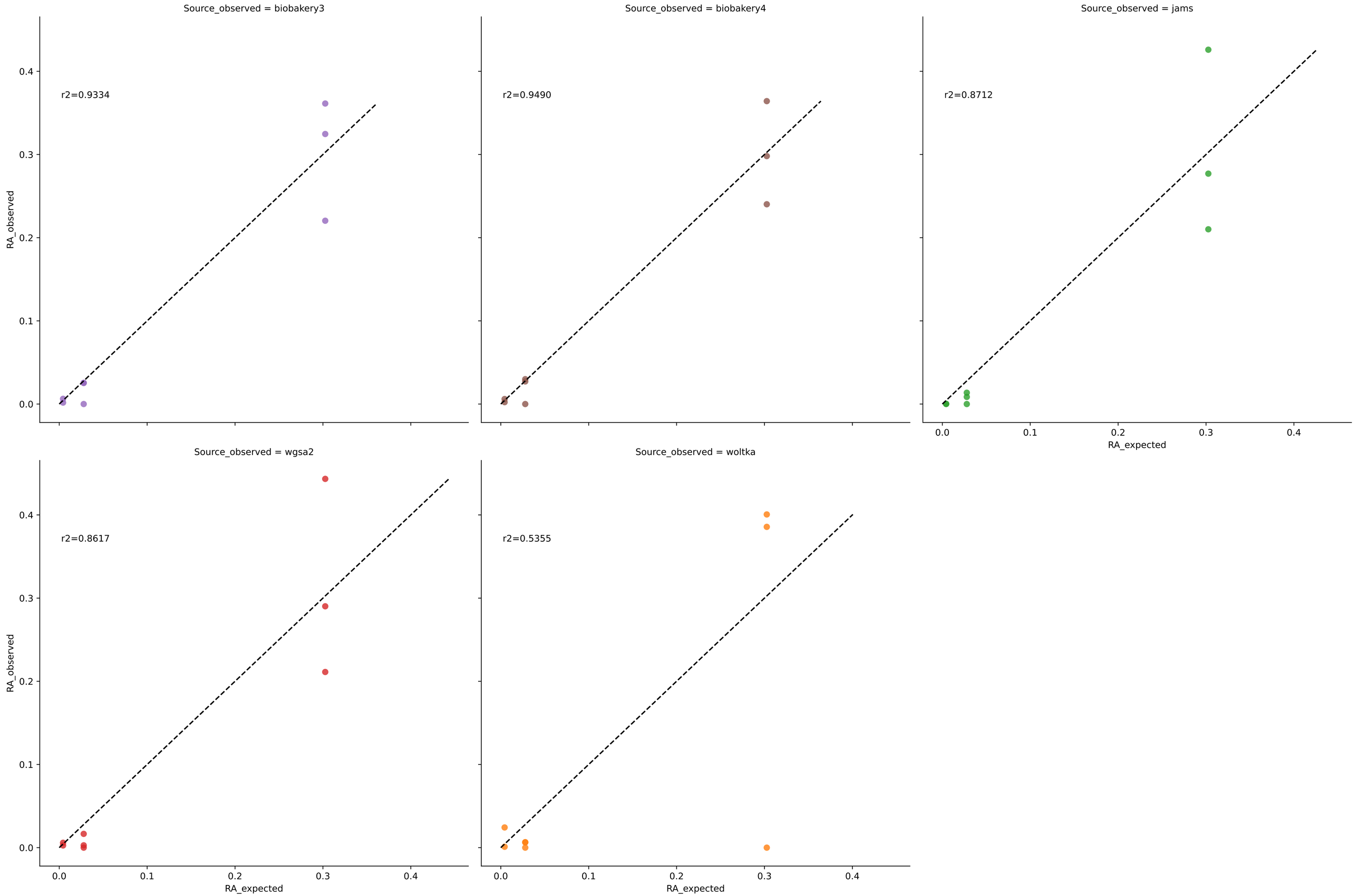


Bivariate Linear Regression for Sample MIX-C in Experiment nist (Species at filter threshold 0.001)

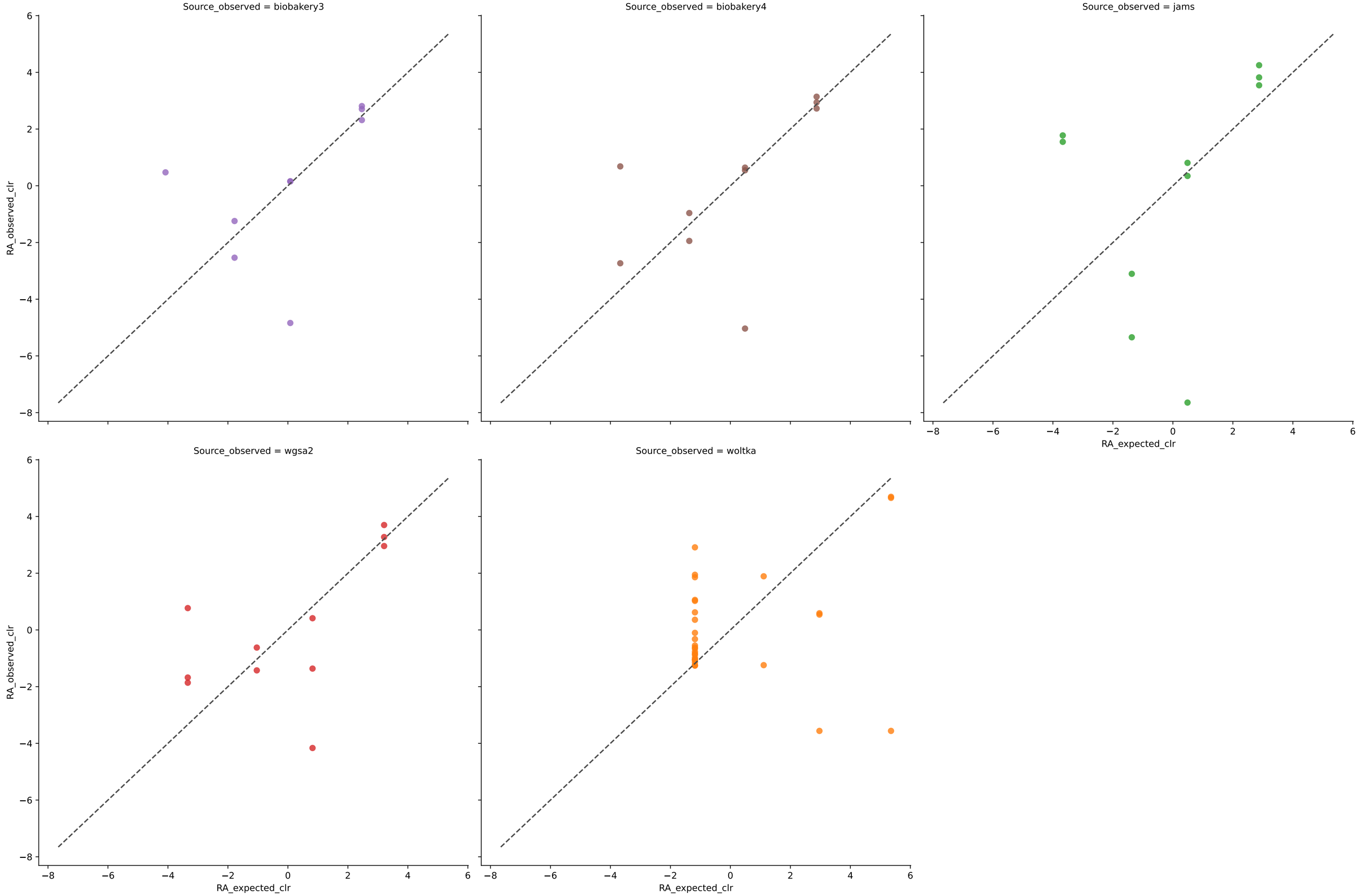


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	11	0.2159	0.0644	10.6827	0.6456	0.1262	87.5000	32.0567
biobakery4	9	0.0911	0.0998	9.4593	0.5507	0.1574	87.5000	32.3094
jams	12	0.3558	0.0708	10.7340	0.5753	0.1091	100.0000	22.2439
wgsa2	13	0.3978	0.0640	10.6083	0.5838	0.1213	100.0000	8.6470
woltka	34	0.0285	0.0415	15.0104	0.2953	0.1013	75.0000	68.2760

Bivariate Linear Regression for Sample MIX-D in Experiment nist (Species at filter threshold 0.001)

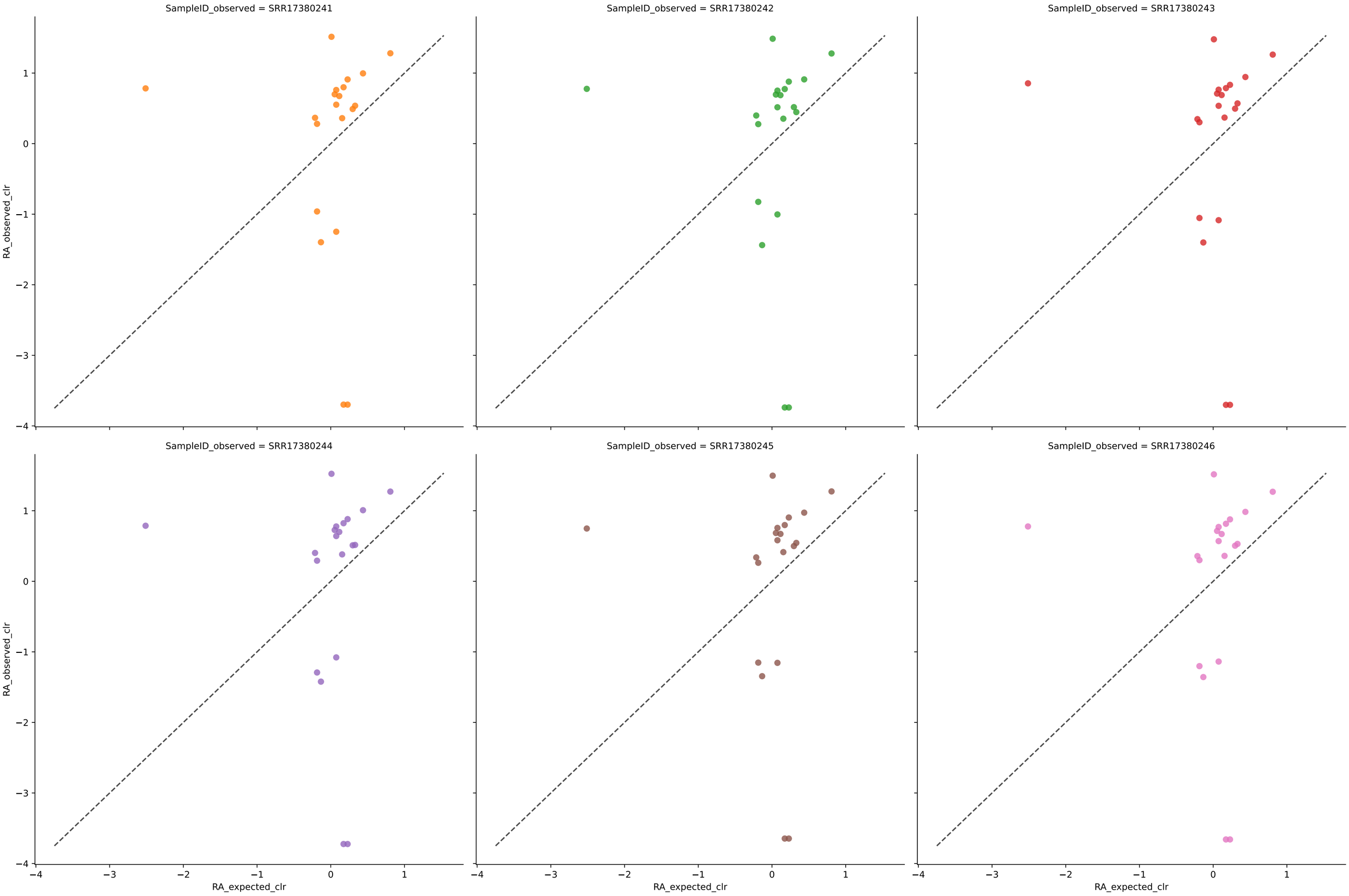


Bivariate Linear Regression for Sample MIX-D in Experiment nist (Species at filter threshold 0.001)



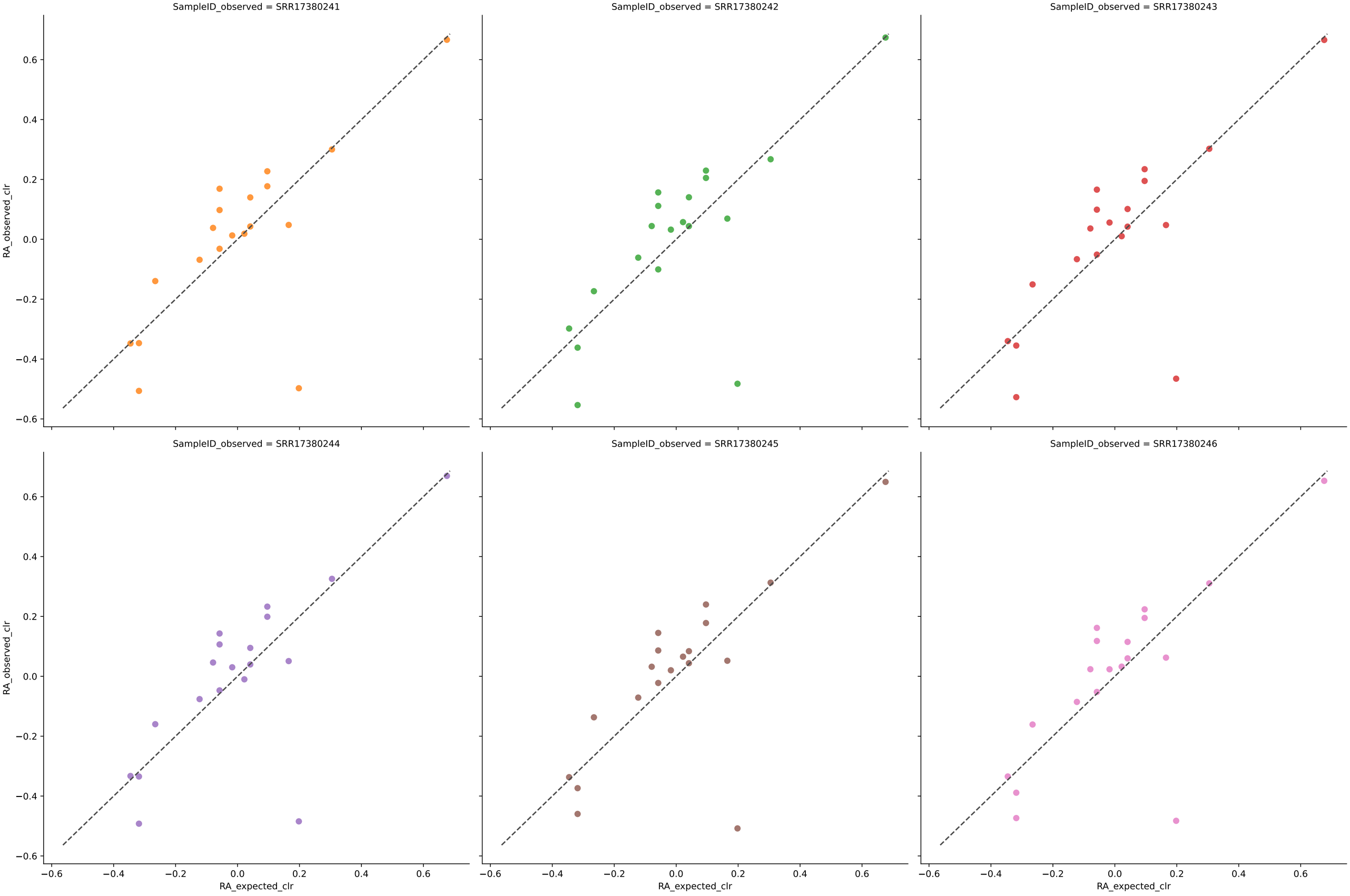
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	9	0.9278	0.0261	6.7829	0.8825	0.0376	87.5000	3.4883
biobakery4	10	0.9481	0.0195	7.1401	0.9025	0.0308	87.5000	3.2217
jams	10	0.8636	0.0376	12.0524	0.8122	0.0528	87.5000	3.5864
wgsa2	11	0.8727	0.0309	7.2278	0.8303	0.0526	87.5000	2.5378
woltka	31	0.6118	0.0243	13.9804	0.6235	0.0612	75.0000	17.5551

Expected vs. Observed Relative Abundance for genus using biobakery3 in Experiment tourlousse with filter 0.001



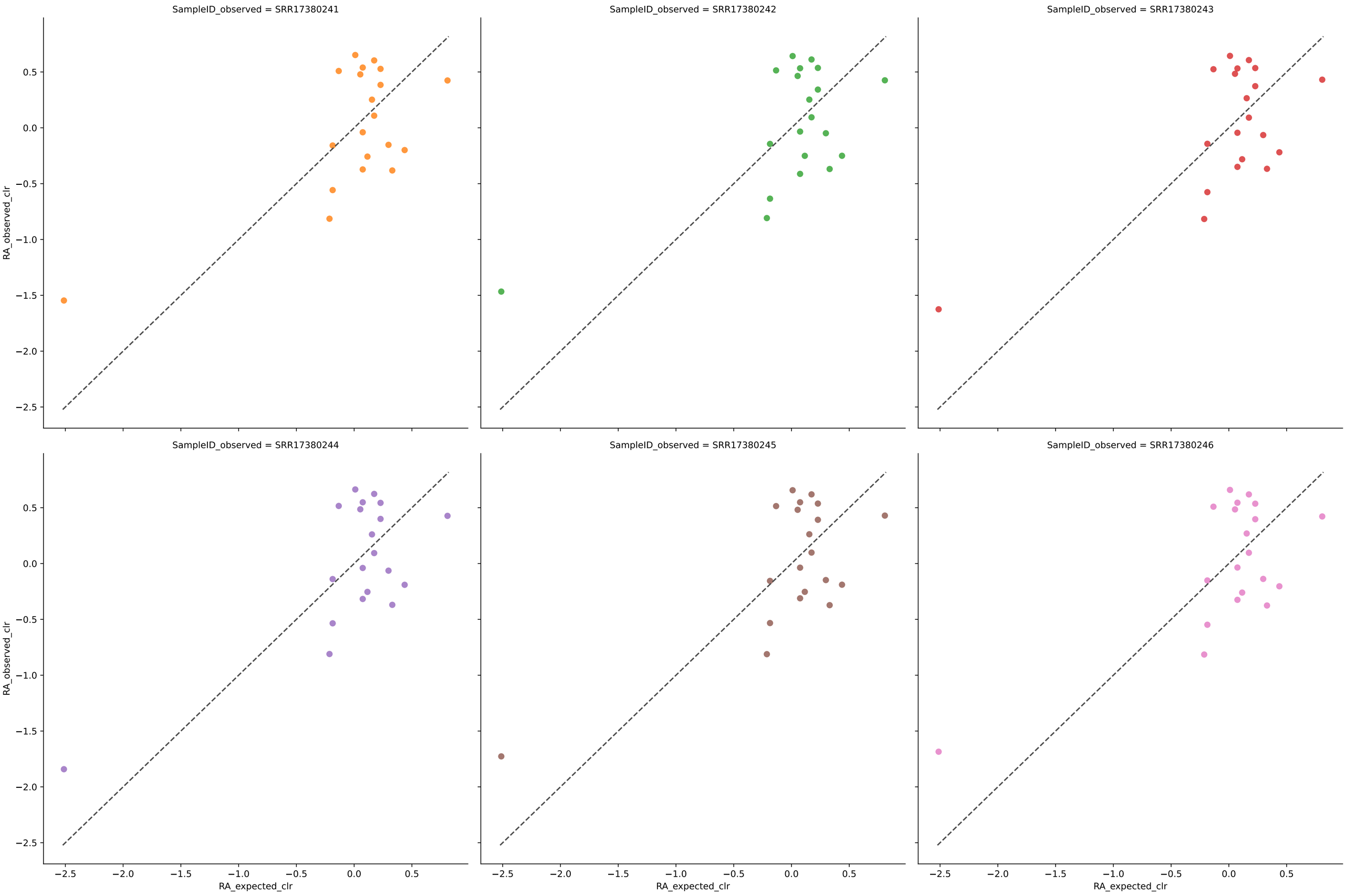
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	20	0.0697	0.0241	7.1397	0.7586	0.0336	89.4737	6.4245
SRR17380242	20	0.0655	0.0239	7.1151	0.7615	0.0333	89.4737	6.4792
SRR17380243	20	0.0568	0.0237	7.1419	0.7628	0.0335	89.4737	6.9590
SRR17380244	20	0.0660	0.0244	7.2061	0.7557	0.0336	89.4737	6.3814
SRR17380245	20	0.0764	0.0238	7.0559	0.7621	0.0332	89.4737	6.2467
SRR17380246	20	0.0677	0.0242	7.0979	0.7581	0.0337	89.4737	6.3996
Average	20	0.0670	0.0240	7.1261	0.7598	0.0335	89.4737	6.4817

Expected vs. Observed Relative Abundance for genus using biobakery4 in Experiment tourlousse with filter 0.001



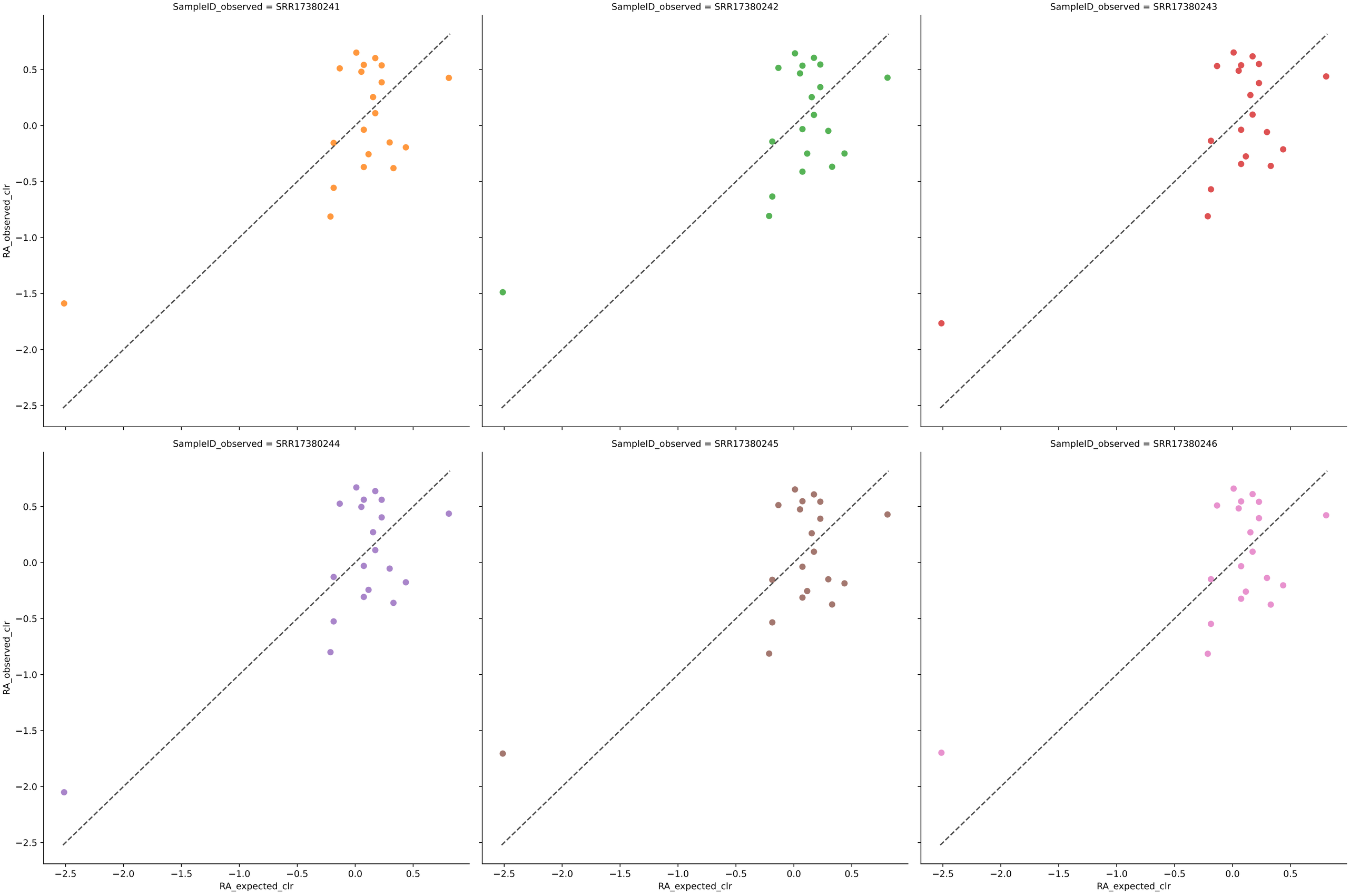
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	19	0.6779	0.0053	0.8227	0.9495	0.0087	100.0000	0.0000
SRR17380242	19	0.6811	0.0057	0.8249	0.9459	0.0087	100.0000	0.0000
SRR17380243	19	0.6885	0.0053	0.8010	0.9494	0.0086	100.0000	0.0000
SRR17380244	19	0.6919	0.0052	0.8012	0.9509	0.0085	100.0000	0.0000
SRR17380245	19	0.6771	0.0052	0.8138	0.9506	0.0086	100.0000	0.0000
SRR17380246	19	0.6850	0.0052	0.7995	0.9511	0.0086	100.0000	0.0000
Average	19	0.6836	0.0053	0.8105	0.9496	0.0086	100.0000	0.0000

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



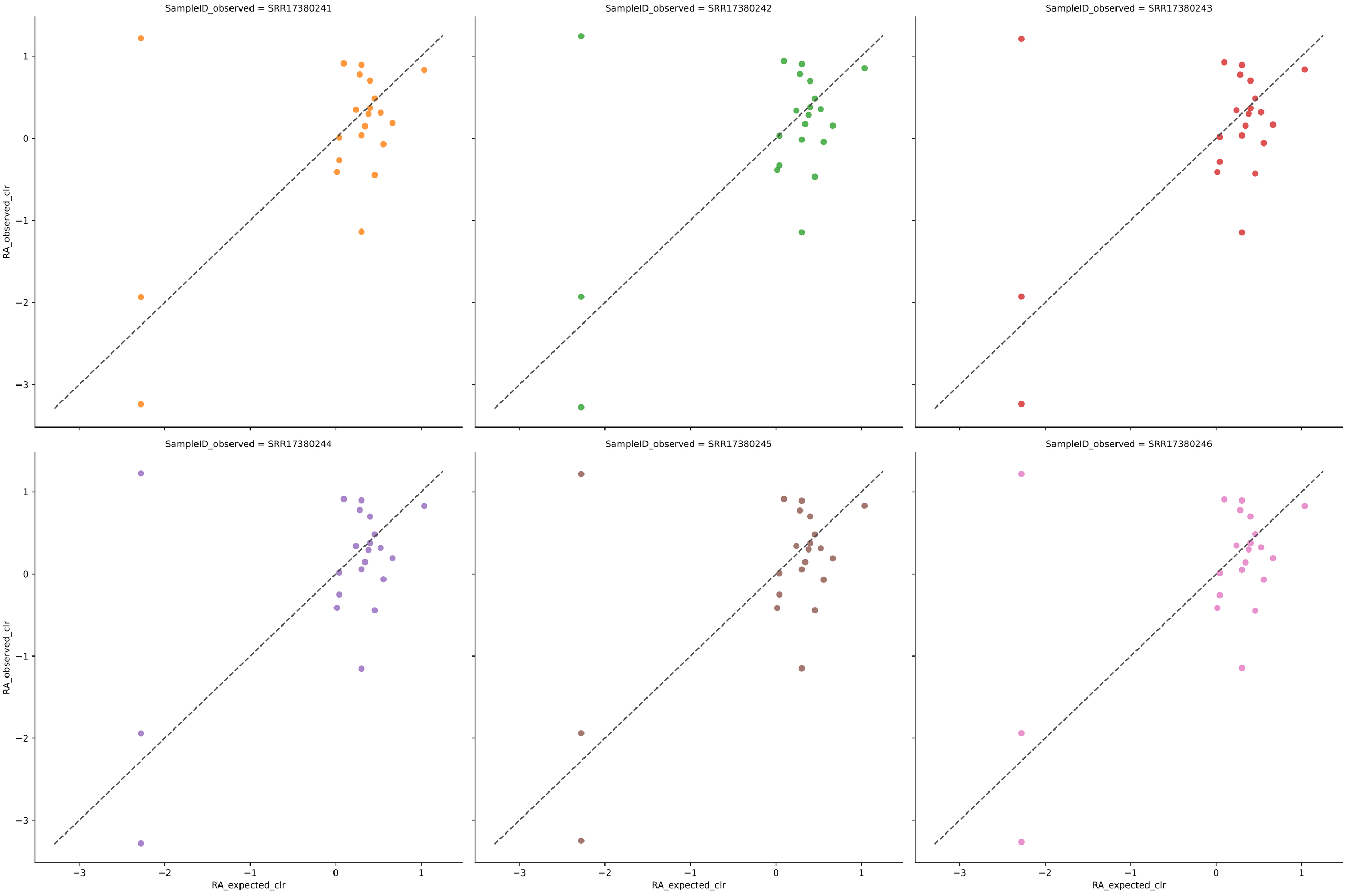
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	20	0.1477	0.0193	2.1405	0.8066	0.0225	100.0000	0.9384
SRR17380242	20	0.1478	0.0193	2.1855	0.8071	0.0224	100.0000	1.0187
SRR17380243	20	0.1542	0.0192	2.0971	0.8076	0.0223	100.0000	0.8649
SRR17380244	20	0.1582	0.0191	2.0004	0.8085	0.0223	100.0000	0.6906
SRR17380245	20	0.1537	0.0192	2.0509	0.8076	0.0224	100.0000	0.7782
SRR17380246	20	0.1496	0.0194	2.0788	0.8061	0.0225	100.0000	0.8122
Average	20	0.1519	0.0193	2.0922	0.8073	0.0224	100.0000	0.8505

Expected vs. Observed Relative Abundance for genus using jams202212 in Experiment tourlousse with filter 0.001



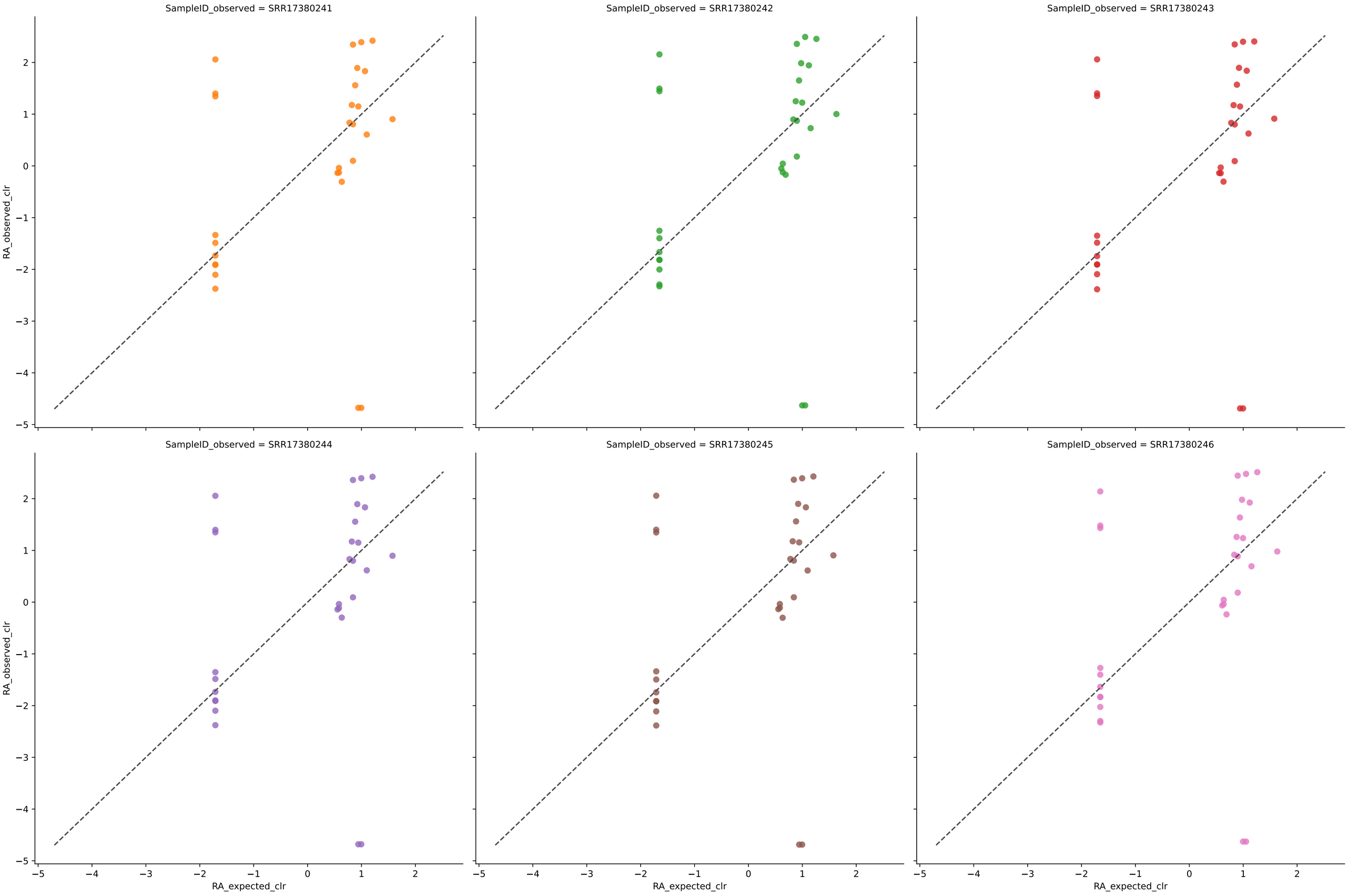
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	20	0.1497	0.0193	2.1201	0.8068	0.0224	100.0000	0.8986
SRR17380242	20	0.1490	0.0193	2.1746	0.8072	0.0224	100.0000	0.9961
SRR17380243	20	0.1583	0.0192	2.0416	0.8076	0.0223	100.0000	0.7466
SRR17380244	20	0.1632	0.0191	1.9377	0.8091	0.0223	100.0000	0.5548
SRR17380245	20	0.1548	0.0192	2.0553	0.8080	0.0223	100.0000	0.7961
SRR17380246	20	0.1503	0.0194	2.0722	0.8063	0.0225	100.0000	0.8016
Average	20	0.1542	0.0192	2.0669	0.8075	0.0224	100.0000	0.7990

Expected vs. Observed Relative Abundance for genus using wgsa2 in Experiment tourlousse with filter 0.001



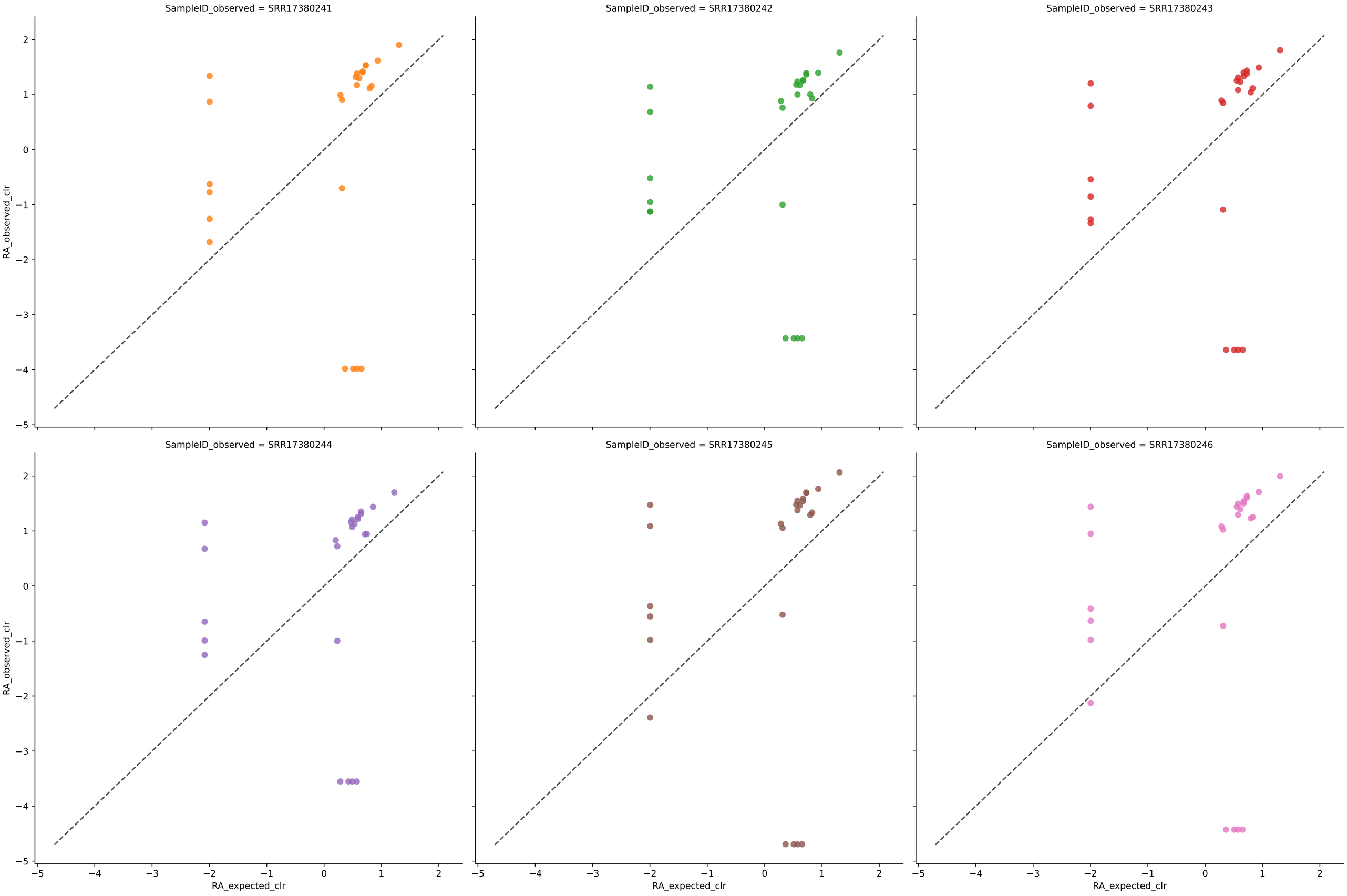
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	22	0.0320	0.0217	4.3139	0.7616	0.0321	100.0000	11.9067
SRR17380242	22	0.0292	0.0219	4.3597	0.7592	0.0326	100.0000	12.1106
SRR17380243	22	0.0333	0.0216	4.3104	0.7619	0.0320	100.0000	11.8266
SRR17380244	22	0.0305	0.0217	4.3321	0.7618	0.0322	100.0000	11.9634
SRR17380245	22	0.0321	0.0216	4.3168	0.7623	0.0320	100.0000	11.8928
SRR17380246	22	0.0319	0.0216	4.3205	0.7622	0.0320	100.0000	11.8980
Average	22	0.0315	0.0217	4.3256	0.7615	0.0321	100.0000	11.9330

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



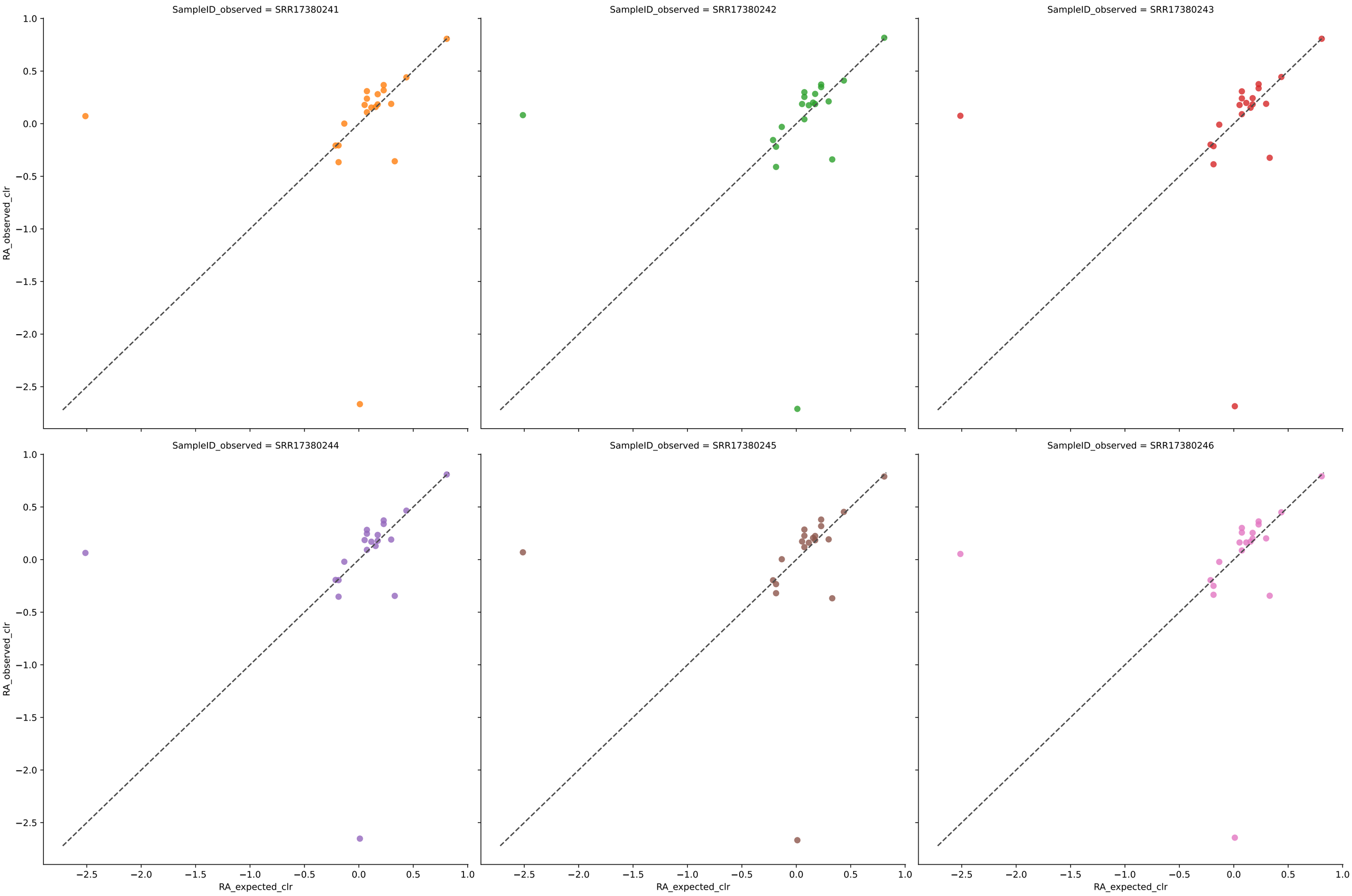
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	29	0.1186	0.0301	10.4481	0.5641	0.0394	89.4737	19.4329
SRR17380242	30	0.1327	0.0290	10.5075	0.5647	0.0384	89.4737	19.9125
SRR17380243	29	0.1185	0.0301	10.4639	0.5639	0.0394	89.4737	19.4463
SRR17380244	29	0.1183	0.0301	10.4536	0.5632	0.0395	89.4737	19.3745
SRR17380245	29	0.1188	0.0301	10.4647	0.5633	0.0395	89.4737	19.3283
SRR17380246	30	0.1339	0.0292	10.5119	0.5627	0.0388	89.4737	19.4274
Average	29	0.1235	0.0298	10.4749	0.5637	0.0392	89.4737	19.4870

Expected vs. Observed Relative Abundance for species using biobakery3 in Experiment tourlousse with filter 0.001



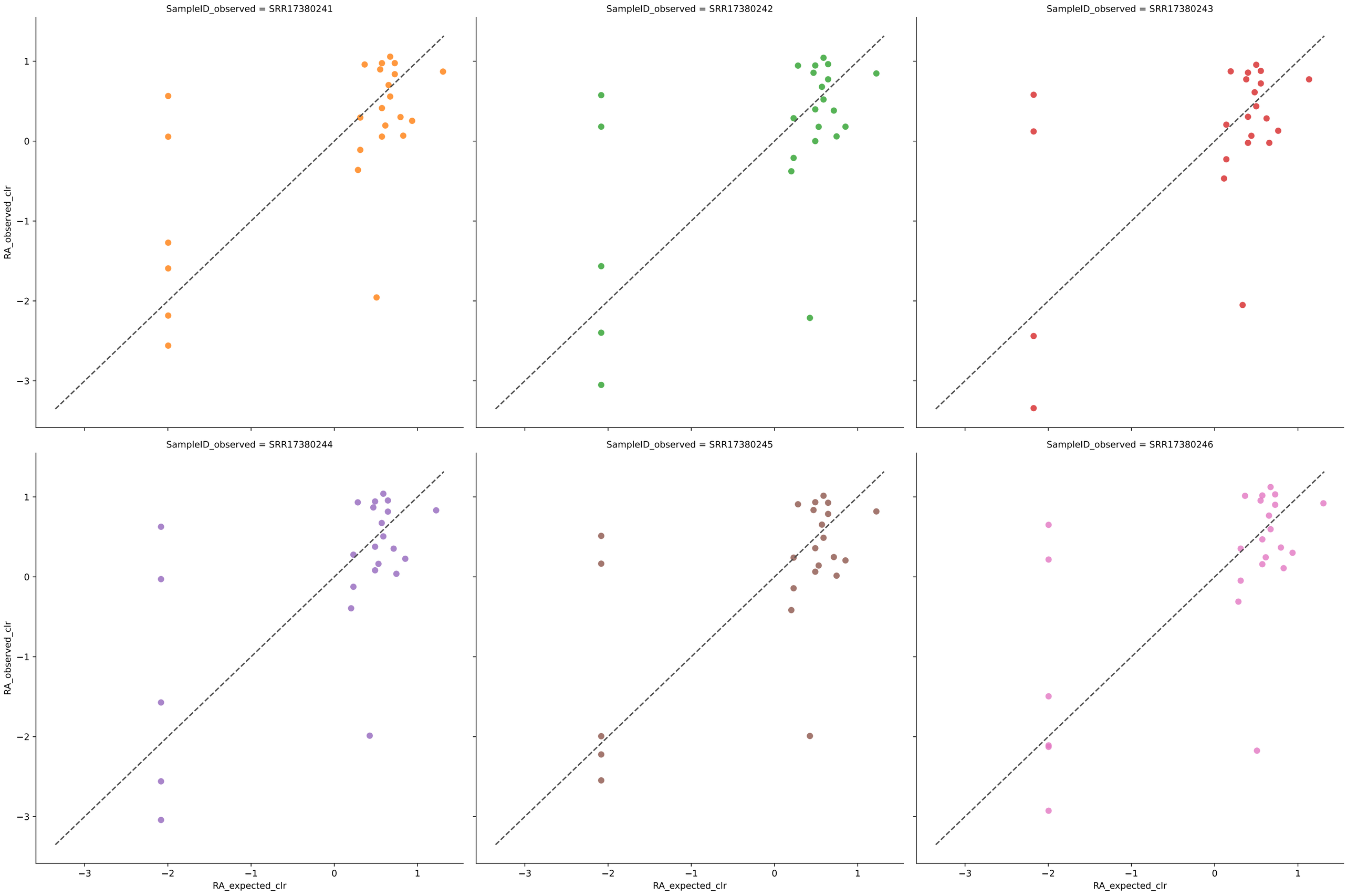
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	25	0.3565	0.0191	10.5820	0.7617	0.0256	78.9474	12.0932
SRR17380242	25	0.3518	0.0193	9.4857	0.7590	0.0255	78.9474	12.4079
SRR17380243	25	0.3558	0.0190	9.9342	0.7624	0.0254	78.9474	12.1881
SRR17380244	24	0.3110	0.0200	9.5989	0.7597	0.0262	78.9474	11.9340
SRR17380245	25	0.3572	0.0189	12.1170	0.7632	0.0255	78.9474	12.1487
SRR17380246	25	0.3541	0.0191	11.5541	0.7612	0.0256	78.9474	12.1056
Average	25	0.3477	0.0192	10.5453	0.7612	0.0256	78.9474	12.1463

Expected vs. Observed Relative Abundance for species using biobakery4 in Experiment tourlousse with filter 0.001



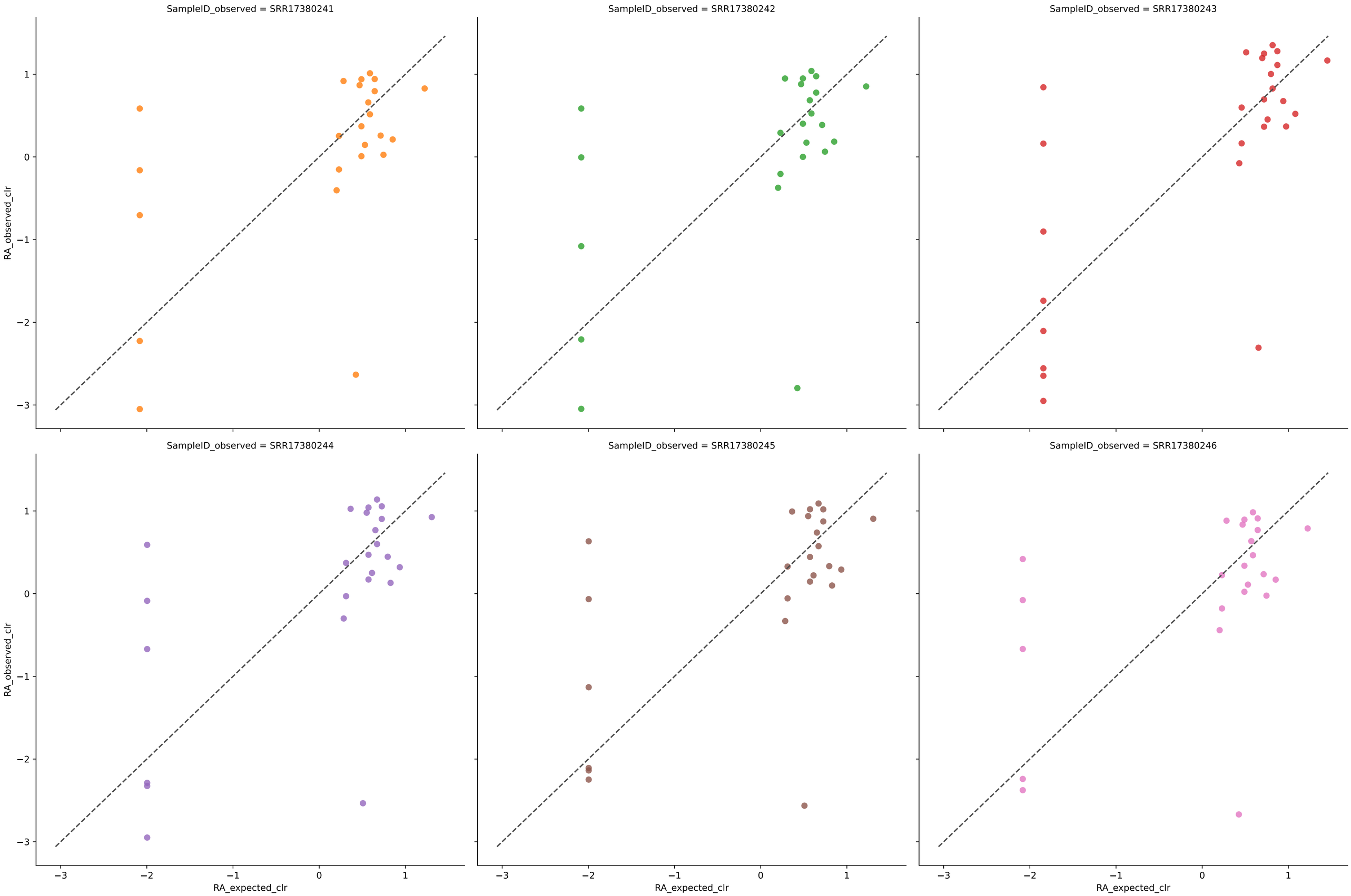
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	20	0.3281	0.0096	3.8092	0.9043	0.0169	94.7368	4.7301
SRR17380242	20	0.3288	0.0099	3.8478	0.9008	0.0170	94.7368	4.7592
SRR17380243	20	0.3319	0.0096	3.8206	0.9042	0.0168	94.7368	4.7396
SRR17380244	20	0.3375	0.0094	3.7895	0.9058	0.0168	94.7368	4.6947
SRR17380245	20	0.3249	0.0095	3.8067	0.9054	0.0169	94.7368	4.7237
SRR17380246	20	0.3355	0.0094	3.7761	0.9059	0.0167	94.7368	4.6524
Average	20	0.3311	0.0096	3.8083	0.9044	0.0168	94.7368	4.7166

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



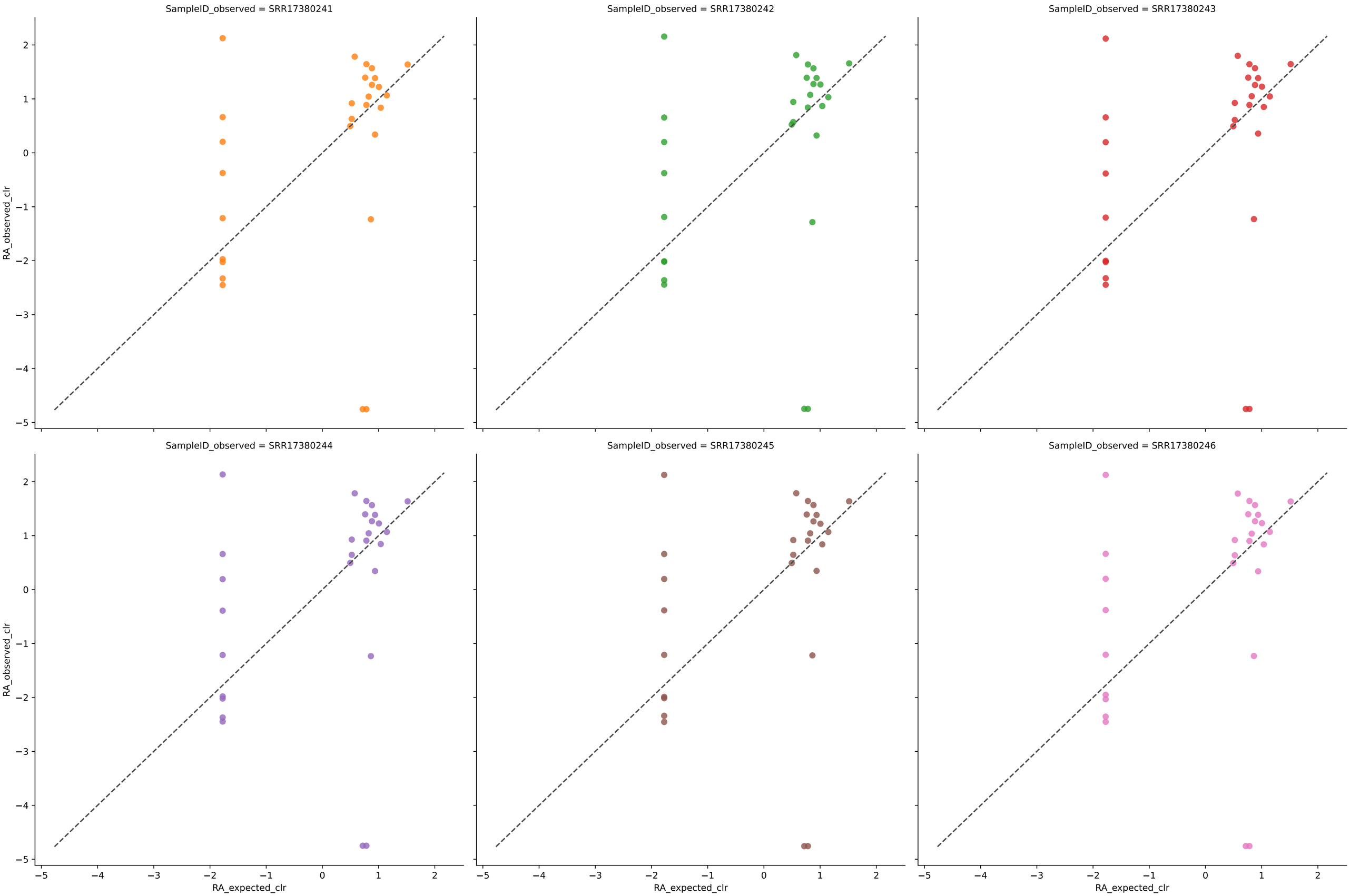
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	25	0.3296	0.0189	4.6136	0.7632	0.0231	100.0000	9.7561
SRR17380242	24	0.2680	0.0197	4.8642	0.7642	0.0241	100.0000	9.5527
SRR17380243	23	0.1996	0.0204	4.8051	0.7657	0.0248	100.0000	9.4310
SRR17380244	24	0.2786	0.0195	4.6793	0.7664	0.0239	100.0000	9.1446
SRR17380245	24	0.2753	0.0196	4.5927	0.7651	0.0239	100.0000	9.3524
SRR17380246	25	0.3202	0.0190	4.8406	0.7621	0.0235	100.0000	9.7275
Average	24	0.2786	0.0195	4.7326	0.7644	0.0239	100.0000	9.4940

Expected vs. Observed Relative Abundance for species using jams202212 in Experiment tourlousse with filter 0.001



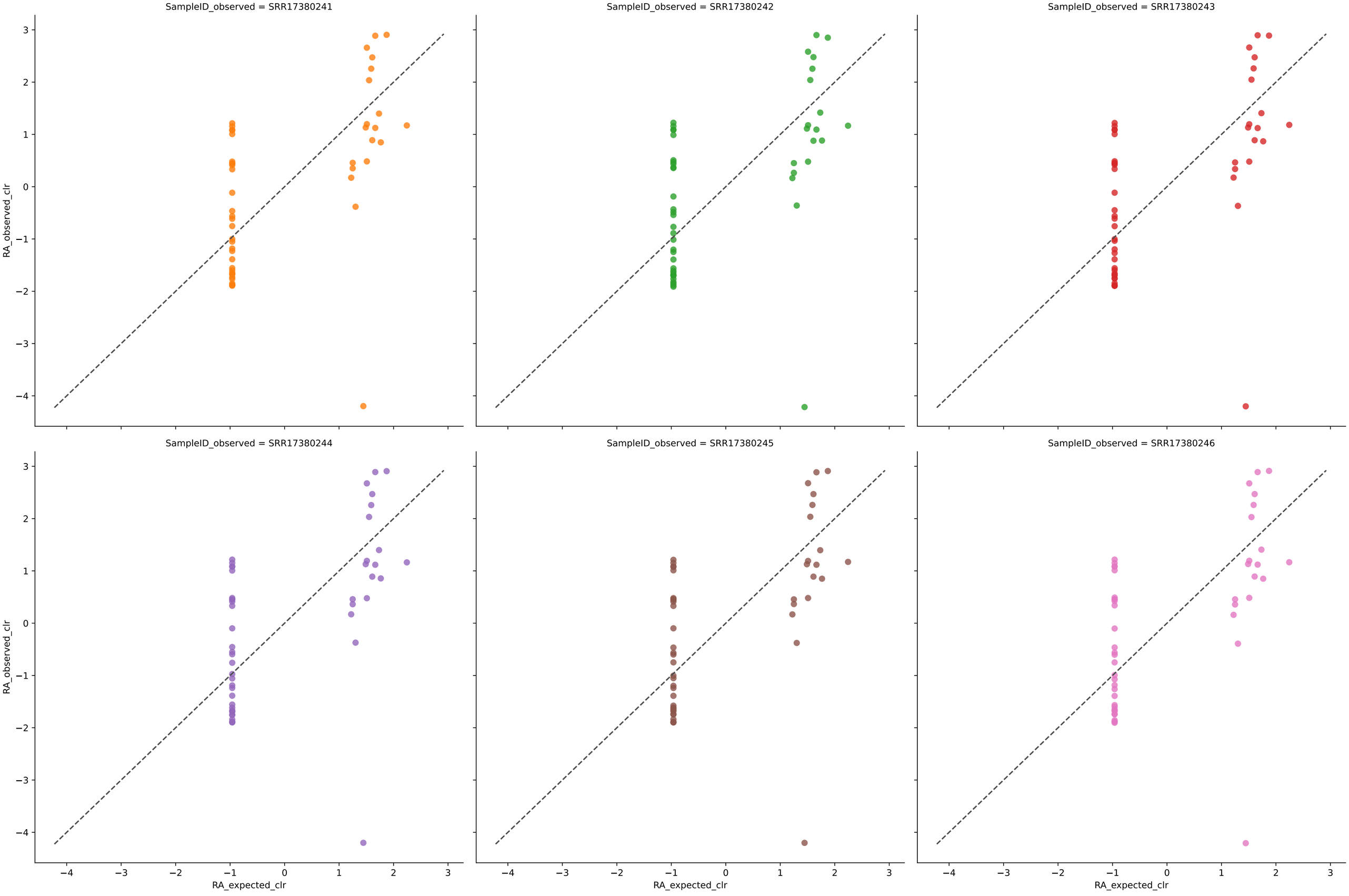
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	24	0.2676	0.0199	5.1263	0.7616	0.0240	100.0000	9.6312
SRR17380242	24	0.2724	0.0197	5.1942	0.7631	0.0240	100.0000	9.4303
SRR17380243	27	0.4215	0.0175	5.1380	0.7639	0.0222	100.0000	9.2484
SRR17380244	25	0.3421	0.0189	5.0559	0.7643	0.0230	100.0000	9.1397
SRR17380245	25	0.3311	0.0190	4.9139	0.7630	0.0233	100.0000	9.4428
SRR17380246	24	0.2769	0.0199	5.0352	0.7615	0.0236	100.0000	9.5381
Average	25	0.3186	0.0191	5.0773	0.7629	0.0234	100.0000	9.4051

Expected vs. Observed Relative Abundance for species using wgsa2 in Experiment tourlousse with filter 0.001



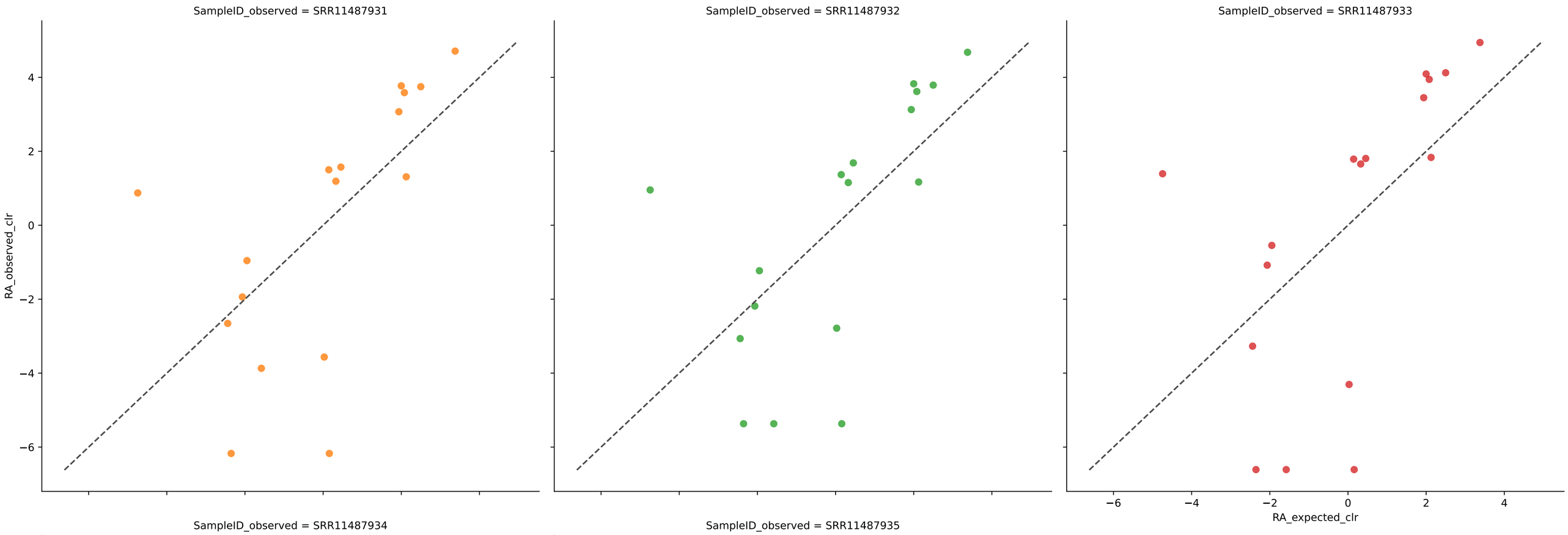
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	28	0.1307	0.0218	9.8631	0.6941	0.0333	89.4737	19.3226
SRR17380242	28	0.1258	0.0219	9.8869	0.6929	0.0338	89.4737	19.4958
SRR17380243	28	0.1332	0.0218	9.8525	0.6943	0.0332	89.4737	19.1846
SRR17380244	28	0.1297	0.0218	9.8604	0.6951	0.0334	89.4737	19.3297
SRR17380245	28	0.1314	0.0218	9.8619	0.6953	0.0333	89.4737	19.2688
SRR17380246	28	0.1310	0.0218	9.8654	0.6950	0.0333	89.4737	19.3013
Average	28	0.1303	0.0218	9.8650	0.6945	0.0334	89.4737	19.3171

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



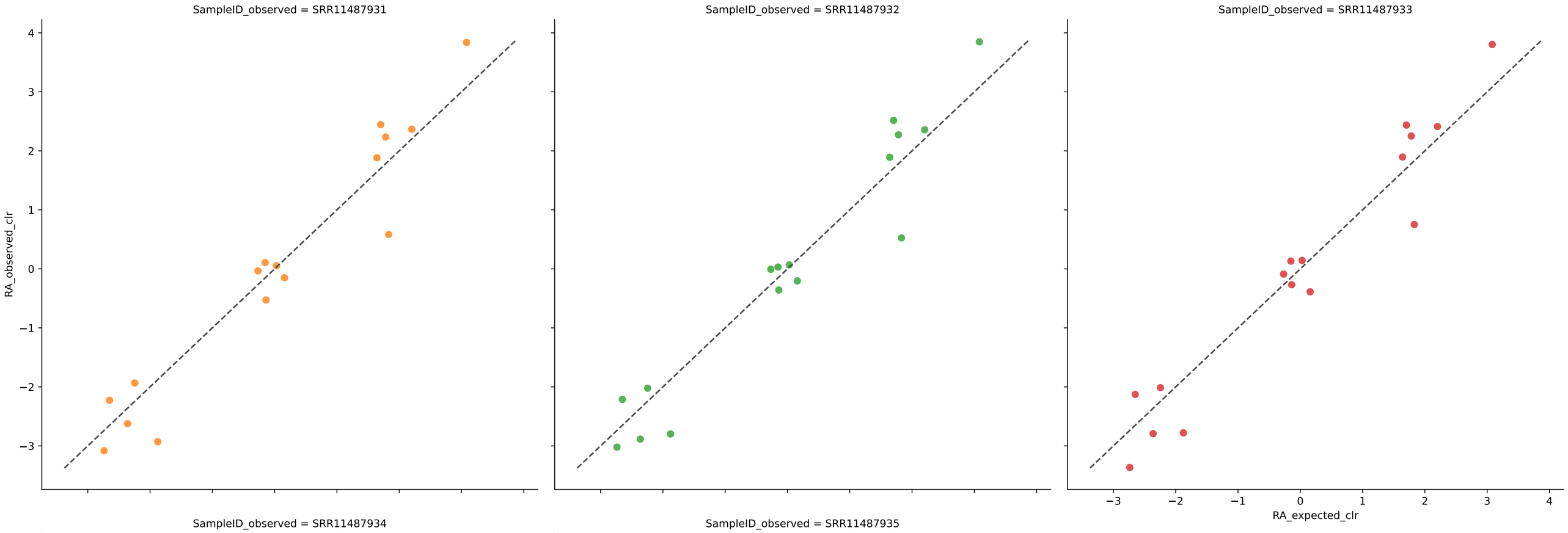
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	50	0.3308	0.0186	9.2833	0.5339	0.0271	94.7368	21.4845
SRR17380242	50	0.3321	0.0186	9.2954	0.5348	0.0268	94.7368	21.8792
SRR17380243	50	0.3314	0.0186	9.2991	0.5341	0.0270	94.7368	21.5016
SRR17380244	50	0.3292	0.0187	9.3007	0.5331	0.0271	94.7368	21.4798
SRR17380245	50	0.3297	0.0187	9.2938	0.5331	0.0271	94.7368	21.4445
SRR17380246	50	0.3292	0.0187	9.3104	0.5331	0.0272	94.7368	21.4827
Average	50	0.3304	0.0187	9.2971	0.5337	0.0271	94.7368	21.5454

Expected vs. Observed Relative Abundance for genus using biobakery3 in Experiment Amos hilo with filter 0.001



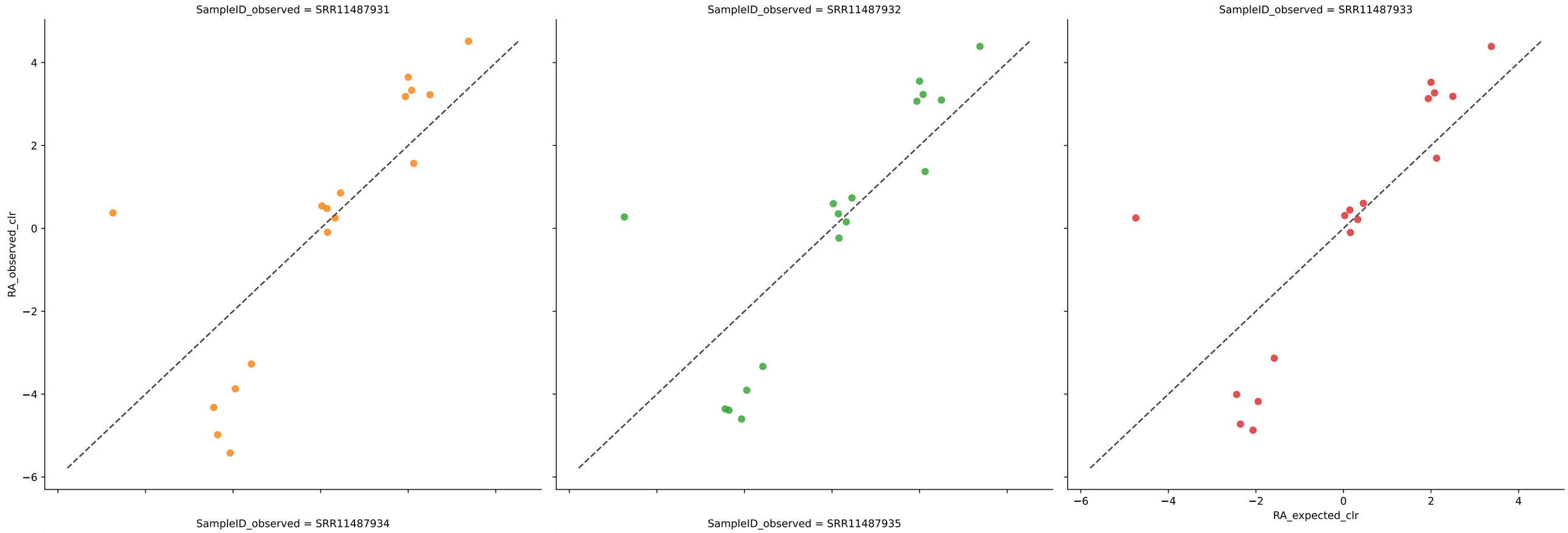
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	17	0.9182	0.0168	10.9513	0.8570	0.0303	87.5000	0.8751
SRR11487932	17	0.9074	0.0165	10.5054	0.8594	0.0309	81.2500	0.9388
SRR11487933	17	0.9109	0.0157	13.0720	0.8669	0.0293	81.2500	1.0776
SRR11487934	17	0.9000	0.0154	11.3667	0.8692	0.0309	87.5000	1.0047
SRR11487935	17	0.9153	0.0149	11.1975	0.8735	0.0283	81.2500	1.1836
Average	17	0.9104	0.0159	11.4186	0.8652	0.0299	83.7500	1.0160

Expected vs. Observed Relative Abundance for genus using biobakery4 in Experiment Amos hilo with filter 0.001



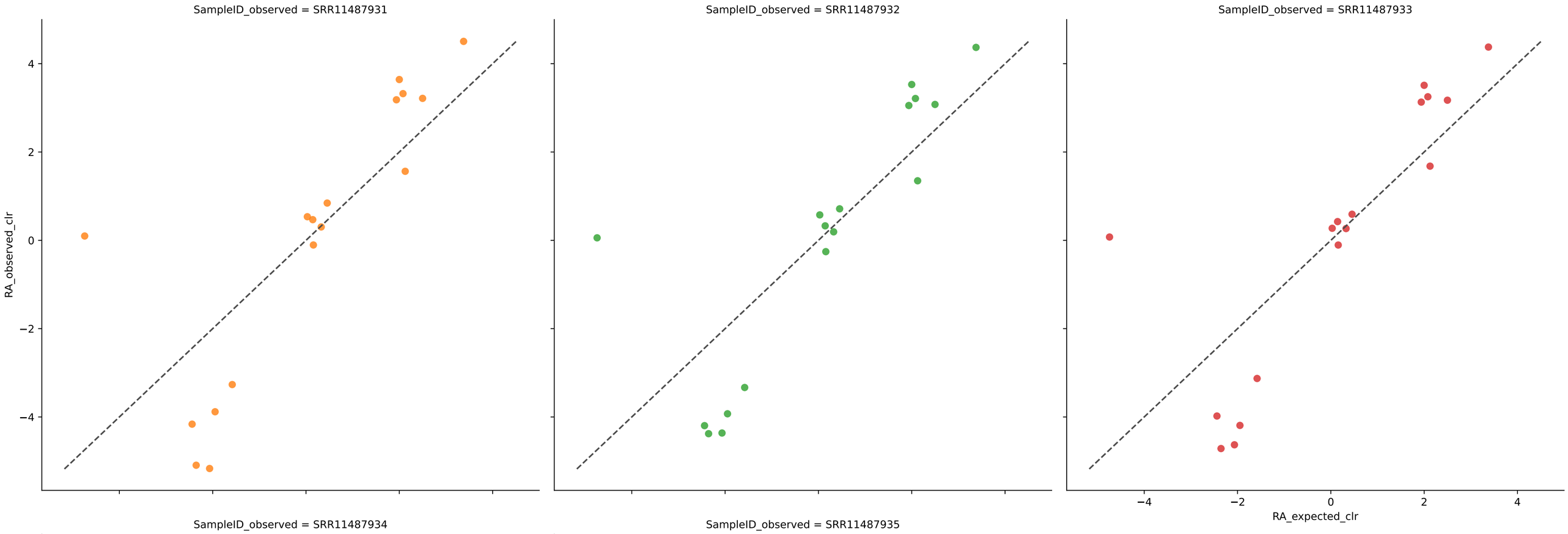
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	16	0.9209	0.0215	2.2141	0.8278	0.0429	100.0000	0.0000
SRR11487932	16	0.9174	0.0223	2.2360	0.8219	0.0430	100.0000	0.0000
SRR11487933	16	0.9296	0.0200	2.1698	0.8398	0.0392	100.0000	0.0000
SRR11487934	16	0.9241	0.0210	2.2345	0.8324	0.0406	100.0000	0.0000
SRR11487935	16	0.9312	0.0201	2.2836	0.8391	0.0388	100.0000	0.0000
Average	16	0.9247	0.0210	2.2276	0.8322	0.0409	100.0000	0.0000

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



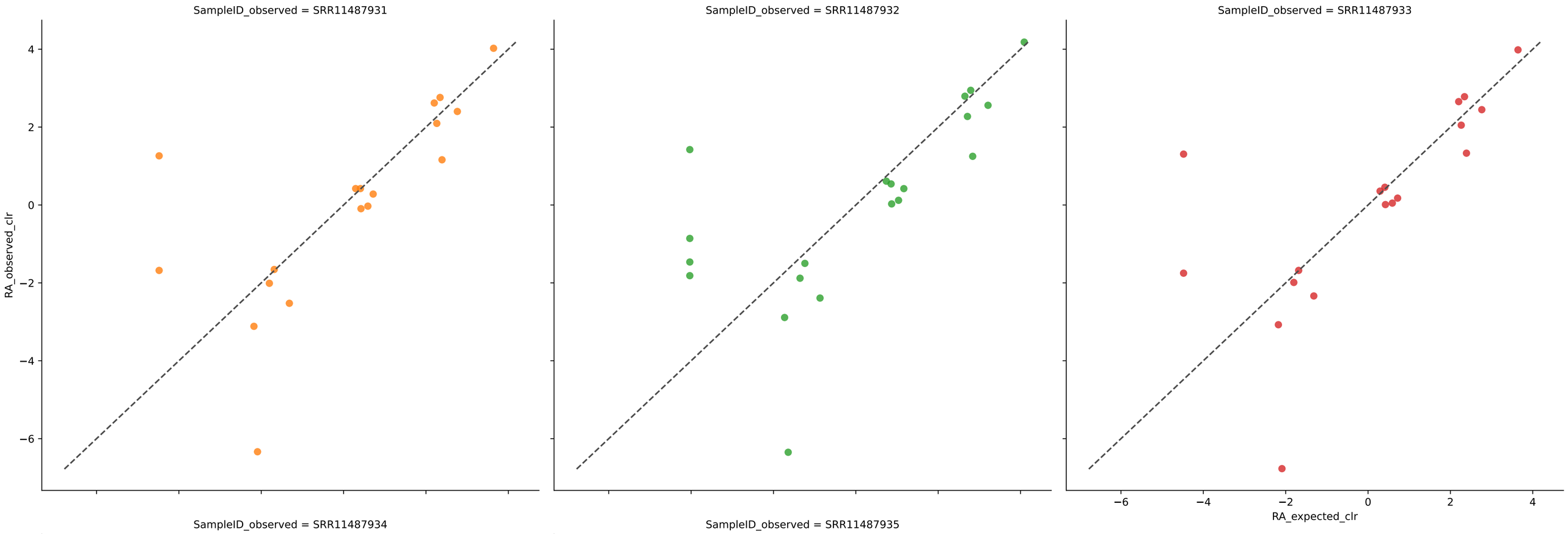
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	17	0.9044	0.0208	7.9380	0.8235	0.0330	100.0000	0.6573
SRR11487932	17	0.8983	0.0210	7.3421	0.8218	0.0337	100.0000	0.6677
SRR11487933	17	0.9121	0.0196	7.4425	0.8338	0.0306	100.0000	0.6376
SRR11487934	17	0.9032	0.0204	7.5574	0.8263	0.0323	100.0000	0.7029
SRR11487935	17	0.9175	0.0194	8.0738	0.8349	0.0299	100.0000	0.7336
Average	17	0.9071	0.0202	7.6707	0.8281	0.0319	100.0000	0.6798

Expected vs. Observed Relative Abundance for genus using jams202212 in Experiment Amos hilo with filter 0.001



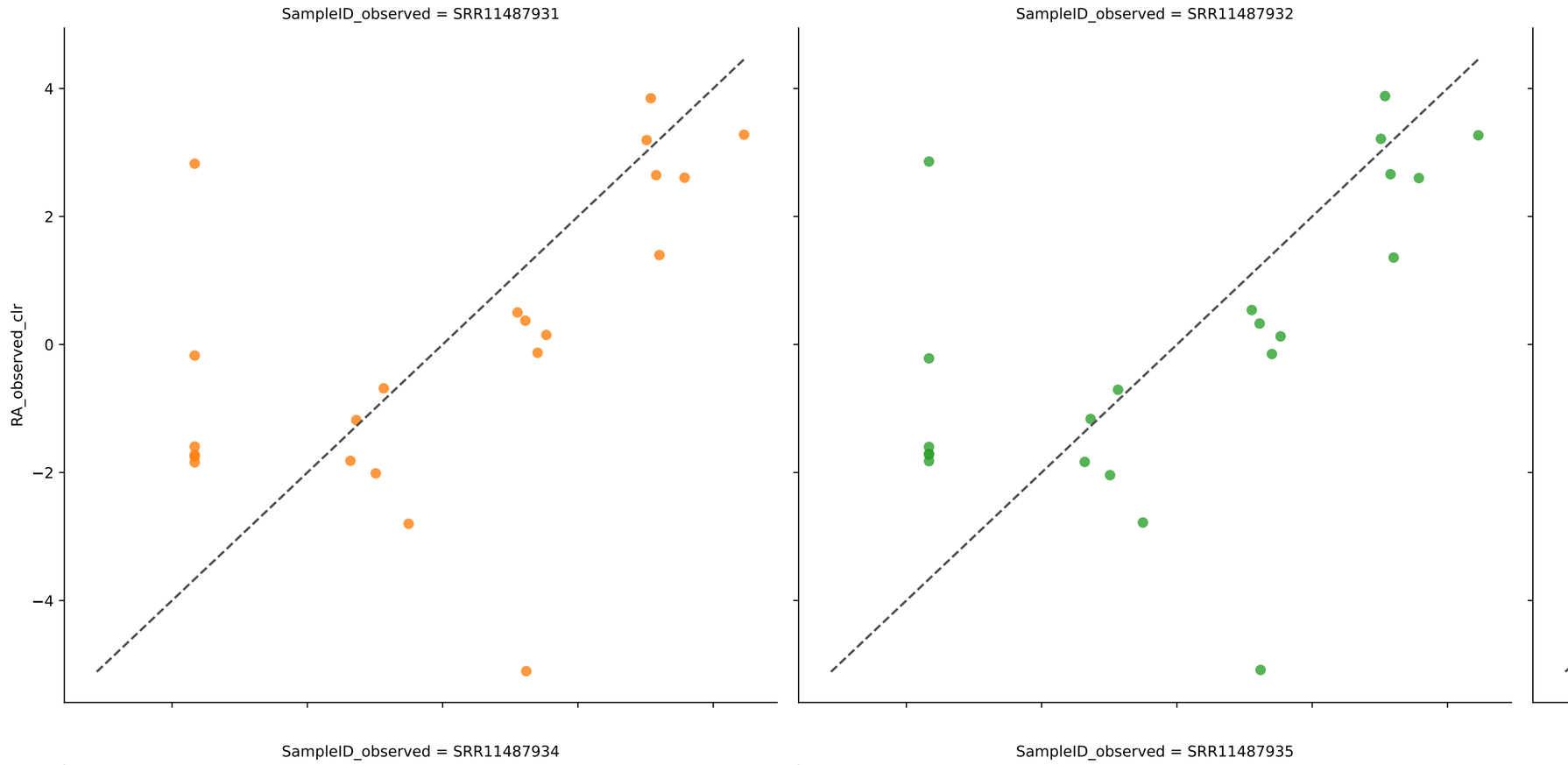
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	17	0.9042	0.0207	7.6532	0.8240	0.0331	100.0000	0.5031
SRR11487932	17	0.8987	0.0209	7.0615	0.8225	0.0337	100.0000	0.5485
SRR11487933	17	0.9123	0.0195	7.2188	0.8342	0.0306	100.0000	0.5416
SRR11487934	17	0.9033	0.0204	7.3160	0.8267	0.0323	100.0000	0.5210
SRR11487935	17	0.9174	0.0193	7.4883	0.8356	0.0300	100.0000	0.5483
Average	17	0.9072	0.0202	7.3476	0.8286	0.0319	100.0000	0.5325

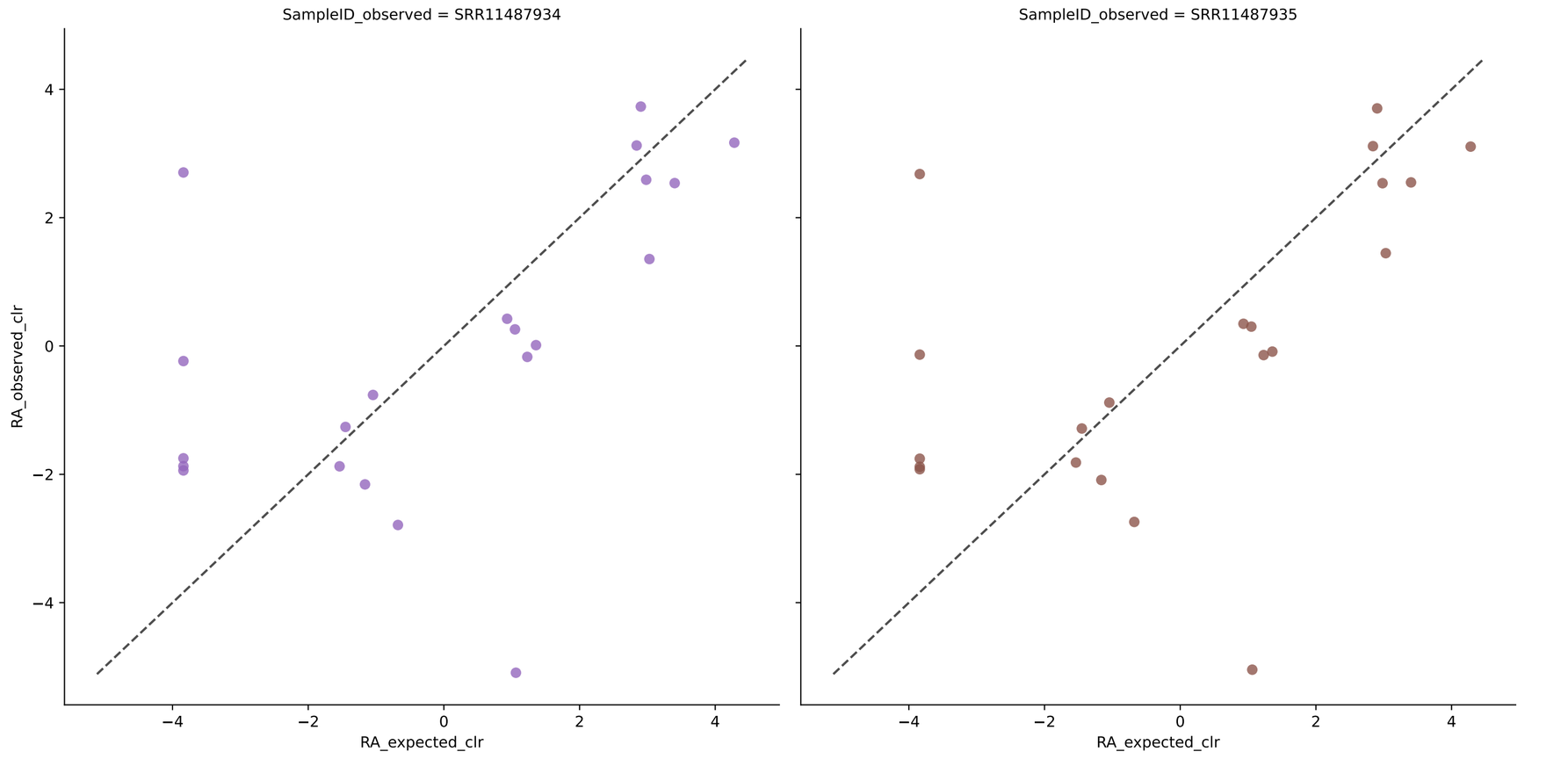
Expected vs. Observed Relative Abundance for genus using wgsa2 in Experiment Amos hilo with filter 0.001



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	18	0.9060	0.0217	8.0148	0.8047	0.0365	100.0000	3.1457
SRR11487932	20	0.9054	0.0199	9.1040	0.8014	0.0345	100.0000	3.5528
SRR11487933	18	0.9123	0.0209	8.2001	0.8123	0.0335	100.0000	3.2842
SRR11487934	20	0.9111	0.0191	8.9926	0.8090	0.0326	100.0000	3.4437
SRR11487935	18	0.9156	0.0204	8.0002	0.8162	0.0328	100.0000	3.3552
Average	19	0.9101	0.0204	8.4624	0.8087	0.0340	100.0000	3.3563

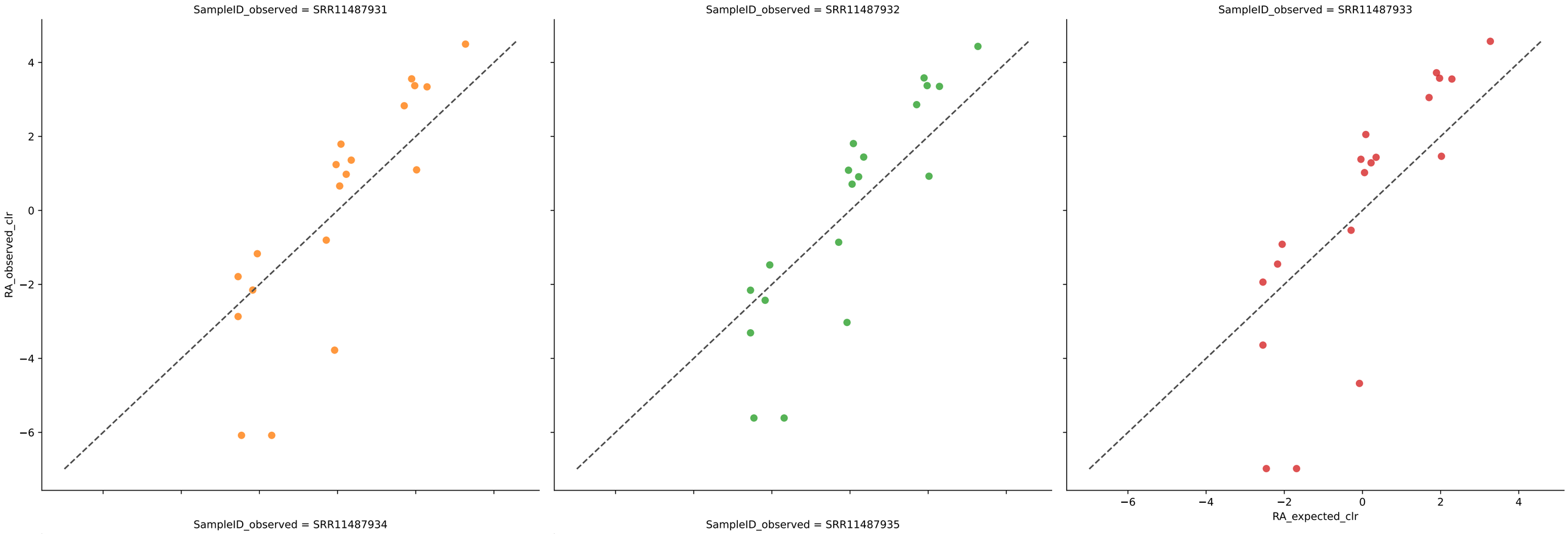
Expected vs. Observed Relative Abundance for genus using woltka in Experiment Amos hilo with filter 0.001





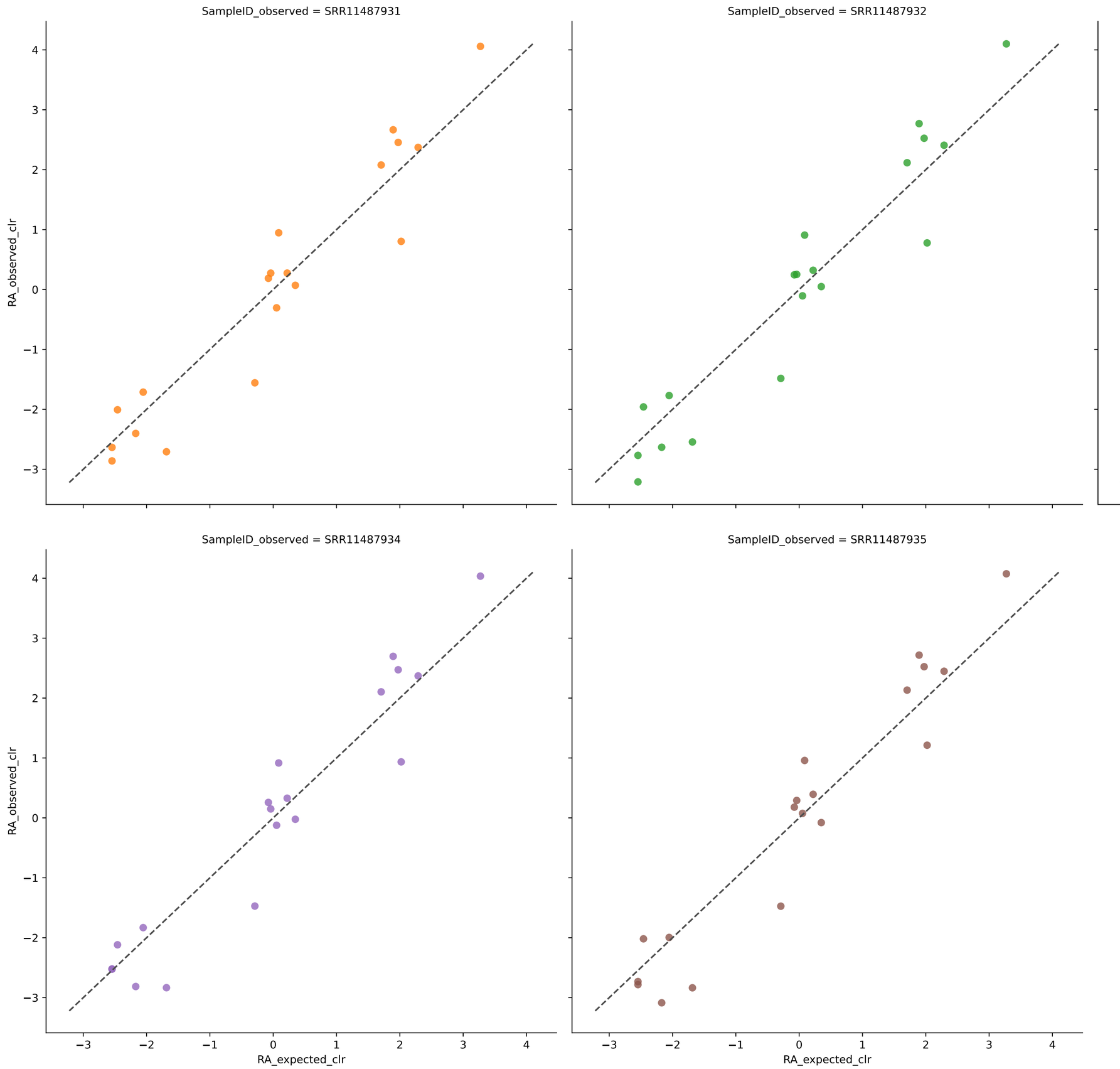
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	22	0.3714	0.0366	11.3120	0.5973	0.0713	93.7500	11.9419
SRR11487932	22	0.3528	0.0374	11.3336	0.5889	0.0730	93.7500	12.1251
SRR11487933	21	0.3534	0.0385	11.0132	0.5960	0.0735	93.7500	11.7257
SRR11487934	21	0.3698	0.0378	11.0253	0.6027	0.0723	93.7500	11.5662
SRR11487935	21	0.3607	0.0380	11.0004	0.6006	0.0728	93.7500	11.6542
Average	21	0.3616	0.0377	11.1369	0.5971	0.0726	93.7500	11.8026

Expected vs. Observed Relative Abundance for species using biobakery3 in Experiment Amos hilo with filter 0.001



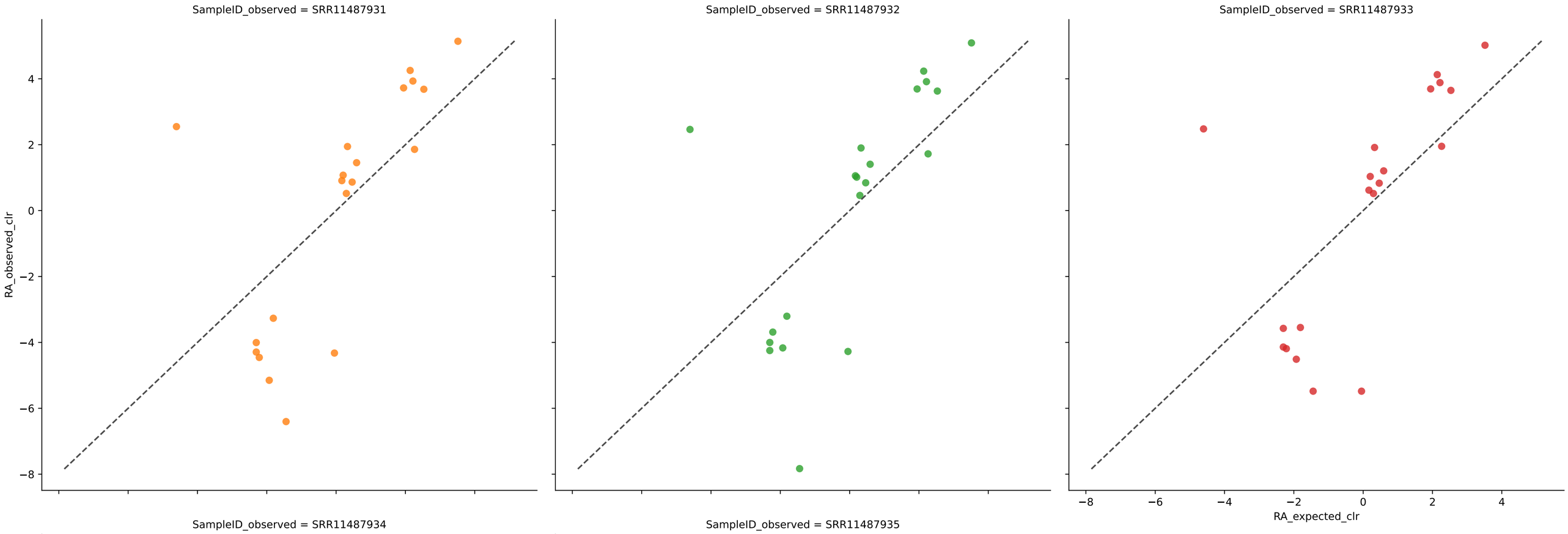
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	19	0.9172	0.0153	7.9875	0.8547	0.0286	89.4737	0.0000
SRR11487932	19	0.9064	0.0149	7.1893	0.8588	0.0292	89.4737	0.0000
SRR11487933	19	0.9102	0.0138	9.6700	0.8691	0.0275	89.4737	0.0000
SRR11487934	19	0.8985	0.0146	8.9969	0.8609	0.0293	89.4737	0.0000
SRR11487935	19	0.9147	0.0132	7.7885	0.8749	0.0266	89.4737	0.0000
Average	19	0.9094	0.0143	8.3264	0.8637	0.0282	89.4737	0.0000

Expected vs. Observed Relative Abundance for species using biobakery4 in Experiment Amos hilo with filter 0.001



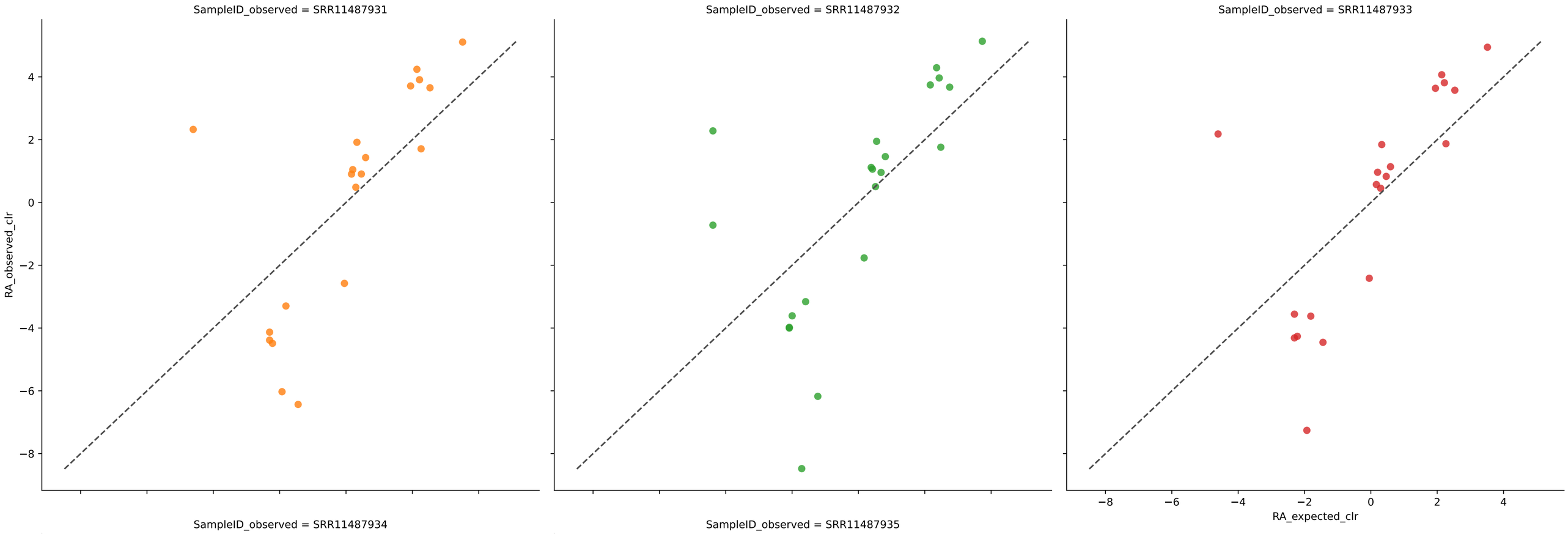
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	19	0.9202	0.0189	2.7055	0.8205	0.0397	100.0000	0.0000
SRR11487932	19	0.9183	0.0193	2.7692	0.8164	0.0397	100.0000	0.0000
SRR11487933	19	0.9283	0.0177	2.6827	0.8318	0.0364	100.0000	0.0000
SRR11487934	19	0.9237	0.0184	2.6704	0.8256	0.0376	100.0000	0.0000
SRR11487935	19	0.9309	0.0176	2.7348	0.8326	0.0359	100.0000	0.0000
Average	19	0.9243	0.0184	2.7125	0.8254	0.0379	100.0000	0.0000

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



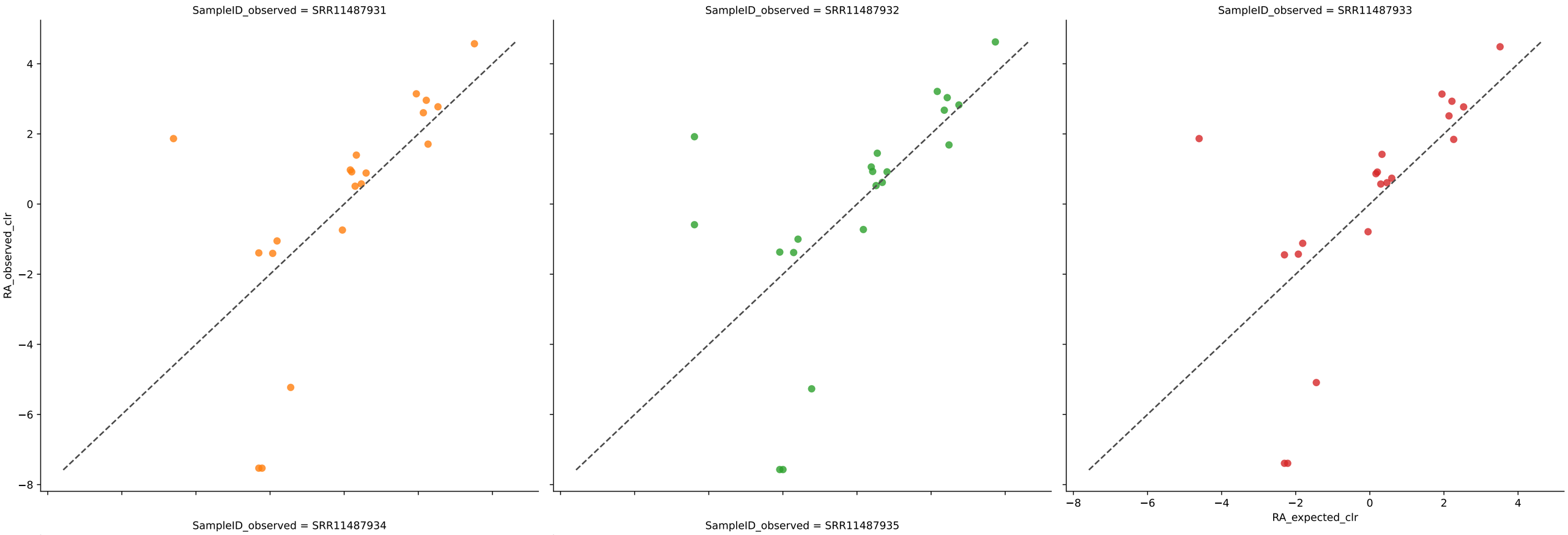
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	20	0.8953	0.0198	11.7480	0.8023	0.0318	100.0000	3.0963
SRR11487932	20	0.8900	0.0199	11.9771	0.8007	0.0323	100.0000	2.9591
SRR11487933	20	0.9000	0.0191	11.4871	0.8092	0.0300	100.0000	3.1564
SRR11487934	20	0.8932	0.0196	11.6981	0.8037	0.0313	94.7368	3.0510
SRR11487935	20	0.9063	0.0188	11.4537	0.8117	0.0293	100.0000	3.1681
Average	20	0.8970	0.0194	11.6728	0.8055	0.0310	98.9474	3.0862

Expected vs. Observed Relative Abundance for species using jams202212 in Experiment Amos hilo with filter 0.001



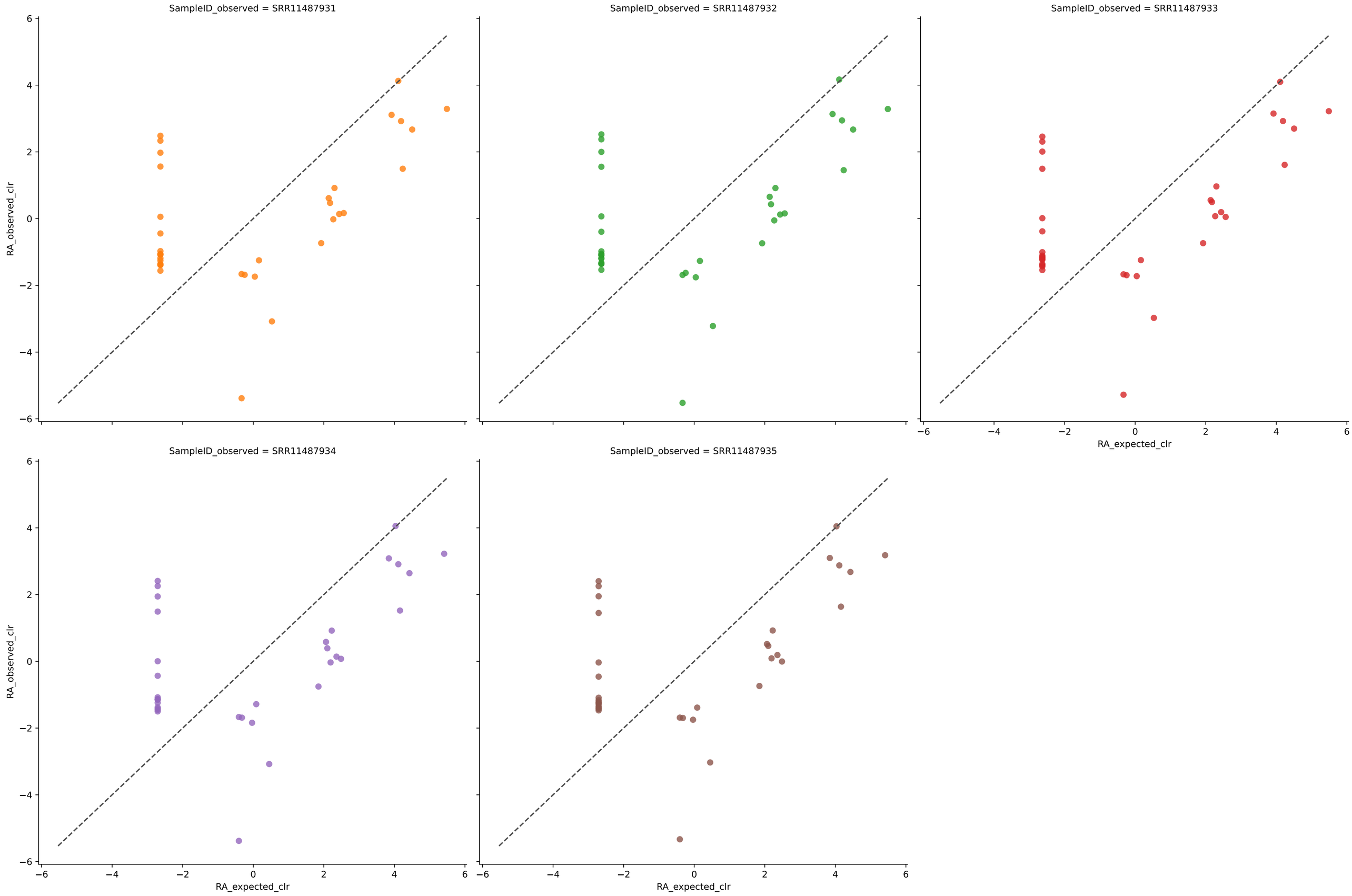
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	20	0.8931	0.0199	11.4195	0.8014	0.0323	100.0000	2.5571
SRR11487932	21	0.8914	0.0189	12.6323	0.8015	0.0317	94.7368	2.4721
SRR11487933	20	0.9002	0.0190	10.8688	0.8102	0.0302	100.0000	2.5229
SRR11487934	20	0.8926	0.0196	11.2917	0.8045	0.0315	100.0000	2.4431
SRR11487935	20	0.9065	0.0187	11.5577	0.8126	0.0294	100.0000	2.5487
Average	20	0.8968	0.0192	11.5540	0.8060	0.0310	98.9474	2.5088

Expected vs. Observed Relative Abundance for species using wgsa2 in Experiment Amos hilo with filter 0.001



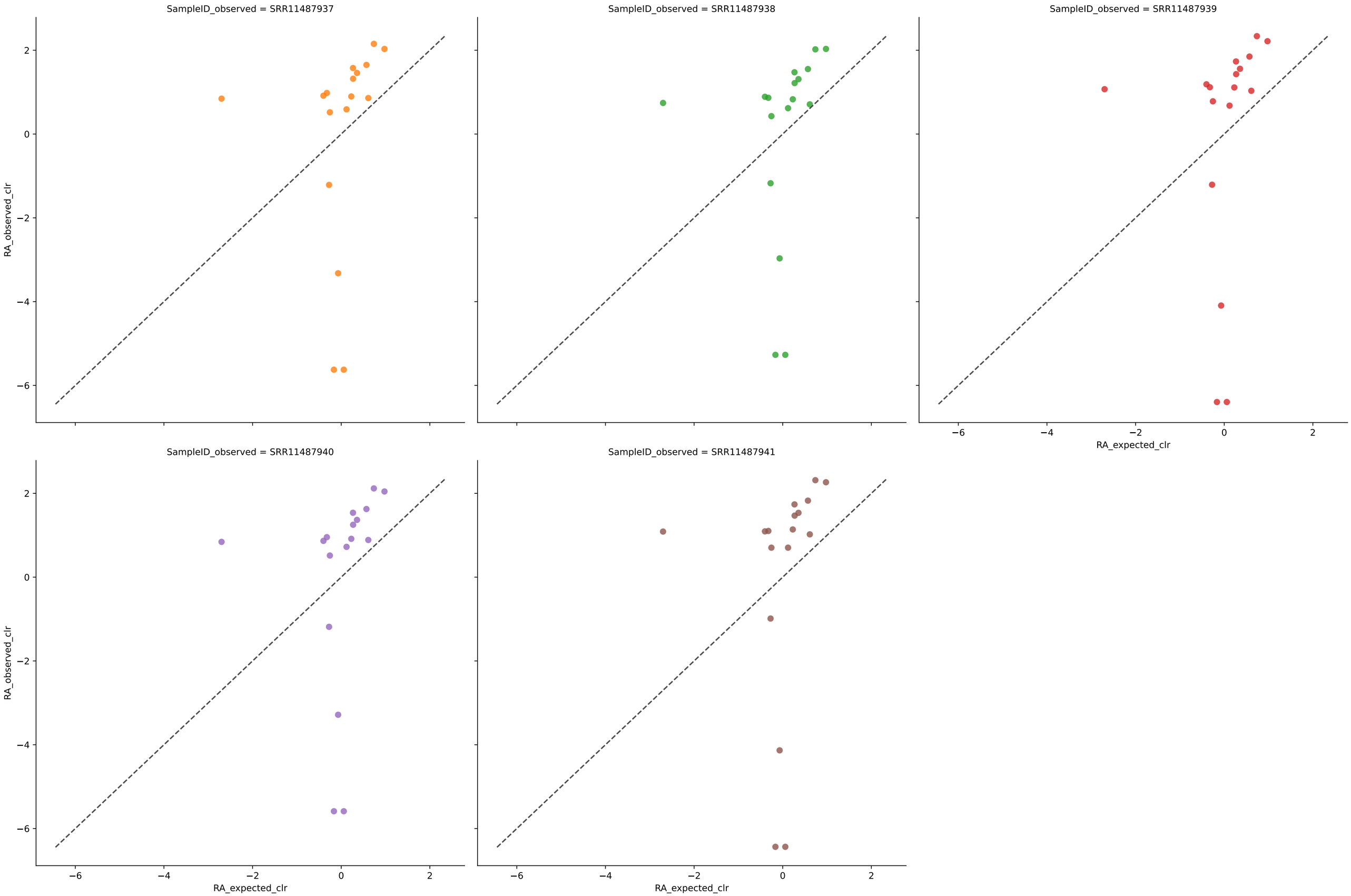
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	20	0.9046	0.0199	10.9579	0.8006	0.0370	89.4737	3.2815
SRR11487932	21	0.9036	0.0191	11.7479	0.7993	0.0360	89.4737	3.5353
SRR11487933	20	0.9108	0.0190	10.7438	0.8104	0.0338	89.4737	3.4487
SRR11487934	21	0.9089	0.0184	11.2234	0.8072	0.0339	89.4737	3.4751
SRR11487935	20	0.9140	0.0187	10.7868	0.8131	0.0332	89.4737	3.5145
Average	20	0.9084	0.0190	11.0920	0.8061	0.0348	89.4737	3.4510

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



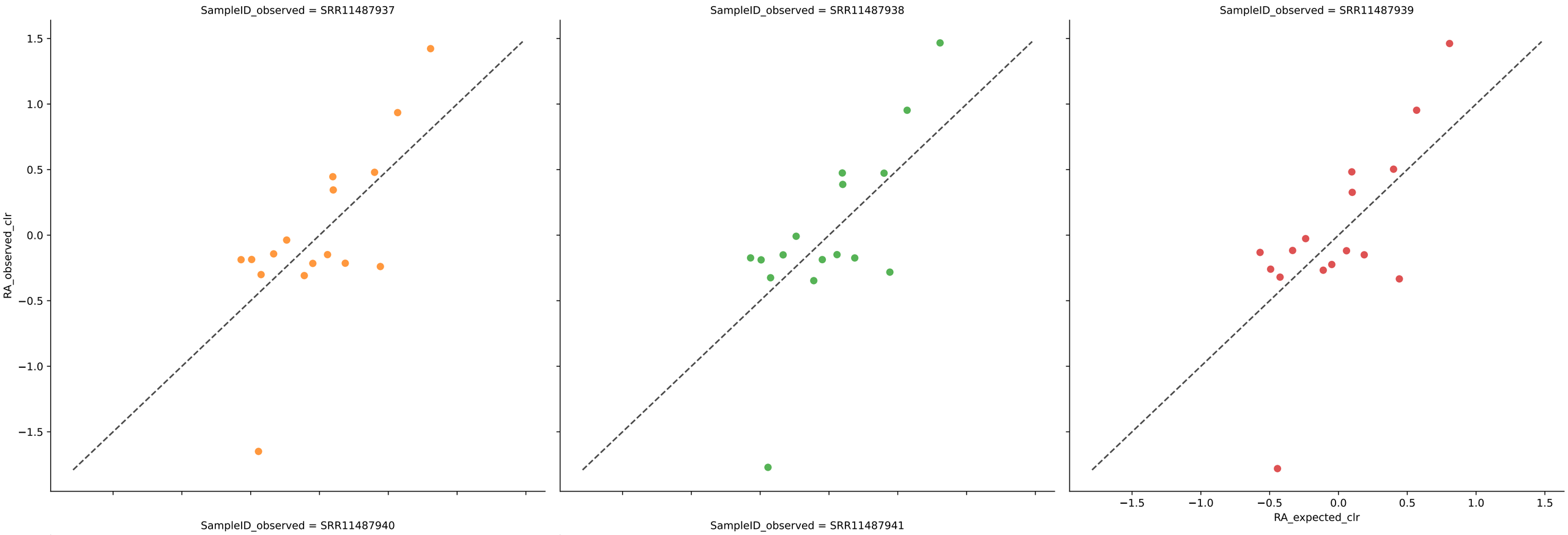
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	35	0.3292	0.0258	14.7509	0.5482	0.0597	94.7368	19.6436
SRR11487932	35	0.3133	0.0263	14.9062	0.5403	0.0609	94.7368	19.7970
SRR11487933	35	0.3217	0.0258	14.6135	0.5491	0.0599	94.7368	19.4825
SRR11487934	34	0.3330	0.0262	14.6059	0.5551	0.0600	94.7368	19.2722
SRR11487935	34	0.3261	0.0262	14.5054	0.5546	0.0603	94.7368	19.1993
Average	35	0.3247	0.0260	14.6764	0.5495	0.0602	94.7368	19.4789

Expected vs. Observed Relative Abundance for genus using biobakery3 in Experiment Amos mixed with filter 0.001



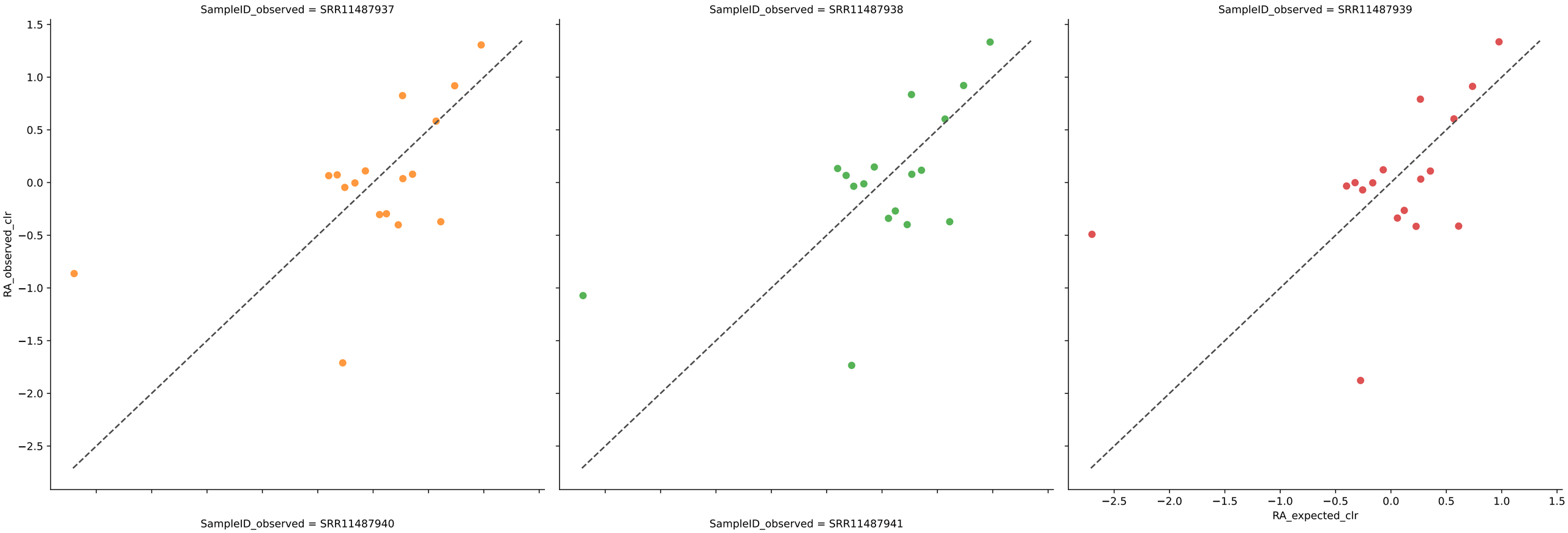
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	17	0.5315	0.0291	9.9615	0.7525	0.0338	87.5000	4.6137
SRR11487938	17	0.5520	0.0288	9.3097	0.7556	0.0333	87.5000	4.5333
SRR11487939	17	0.5207	0.0290	11.3751	0.7533	0.0343	87.5000	4.8612
SRR11487940	17	0.5497	0.0279	9.8744	0.7633	0.0330	87.5000	4.6898
SRR11487941	17	0.5396	0.0290	11.4080	0.7538	0.0340	87.5000	4.9541
Average	17	0.5387	0.0287	10.3857	0.7557	0.0337	87.5000	4.7304

Expected vs. Observed Relative Abundance for genus using biobakery4 in Experiment Amos mixed with filter 0.001



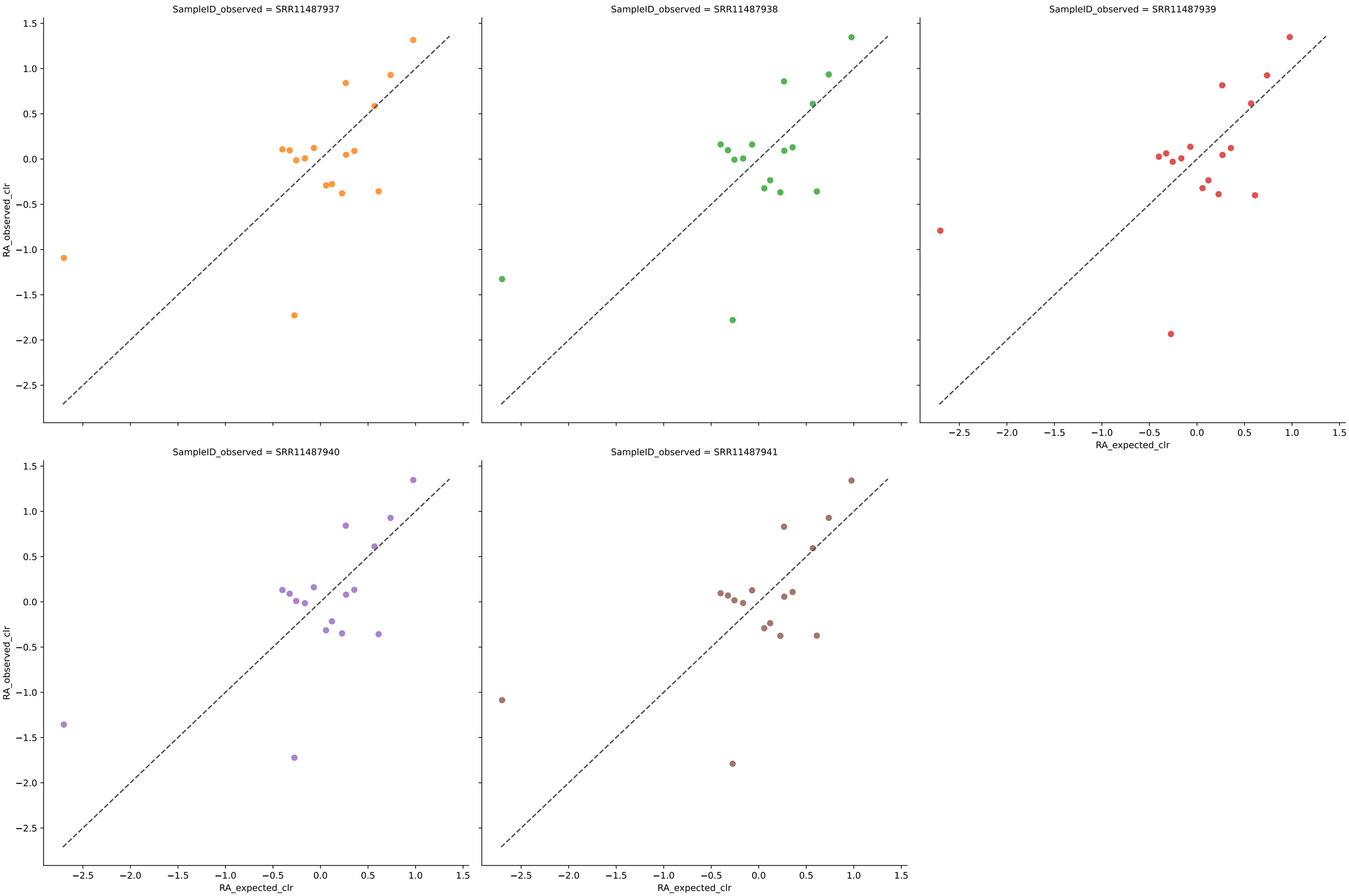
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	16	0.7057	0.0194	1.7957	0.8447	0.0281	100.0000	0.0000
SRR11487938	16	0.6971	0.0204	1.9222	0.8368	0.0296	100.0000	0.0000
SRR11487939	16	0.6971	0.0198	1.9306	0.8414	0.0294	100.0000	0.0000
SRR11487940	16	0.7089	0.0193	1.8183	0.8459	0.0282	100.0000	0.0000
SRR11487941	16	0.7041	0.0194	1.8753	0.8452	0.0288	100.0000	0.0000
Average	16	0.7026	0.0197	1.8684	0.8428	0.0288	100.0000	0.0000

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



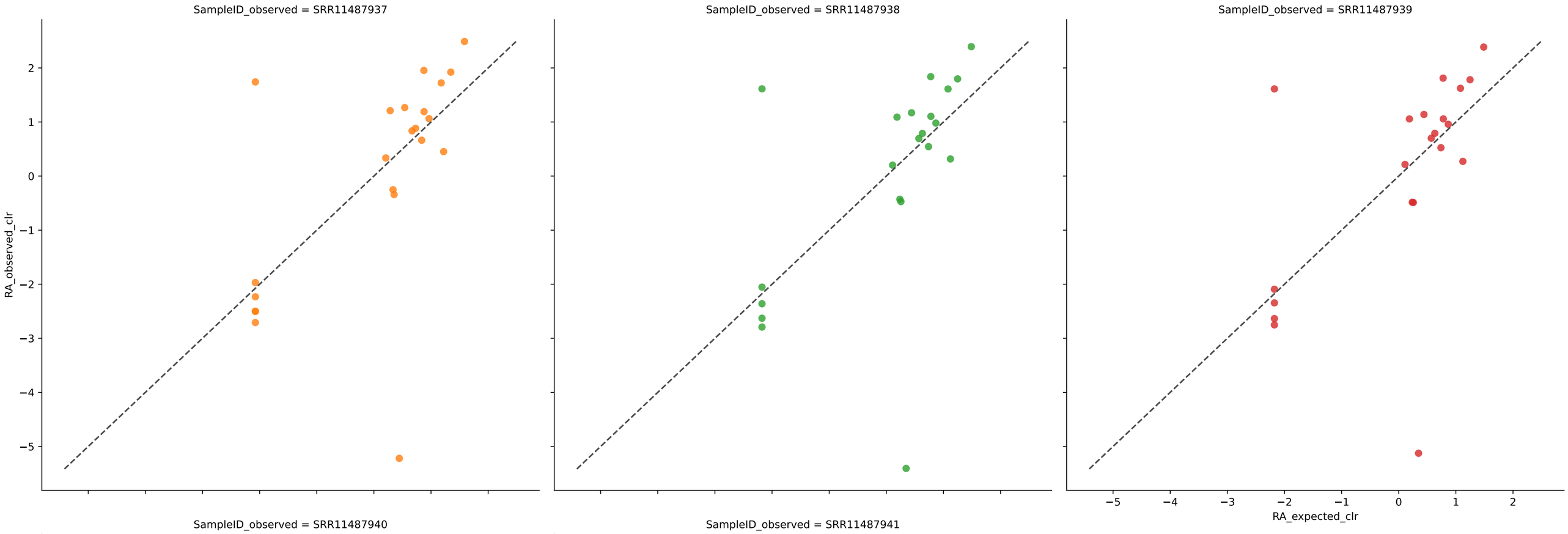
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	17	0.5762	0.0216	2.8573	0.8160	0.0262	100.0000	2.0036
SRR11487938	17	0.5844	0.0215	2.7547	0.8170	0.0264	100.0000	1.6046
SRR11487939	17	0.5669	0.0218	3.1795	0.8148	0.0268	100.0000	2.9044
SRR11487940	17	0.5918	0.0212	2.6976	0.8194	0.0261	100.0000	1.5831
SRR11487941	17	0.5835	0.0215	2.8662	0.8172	0.0263	100.0000	1.9874
Average	17	0.5806	0.0215	2.8711	0.8169	0.0264	100.0000	2.0166

Expected vs. Observed Relative Abundance for genus using jams202212 in Experiment Amos mixed with filter 0.001



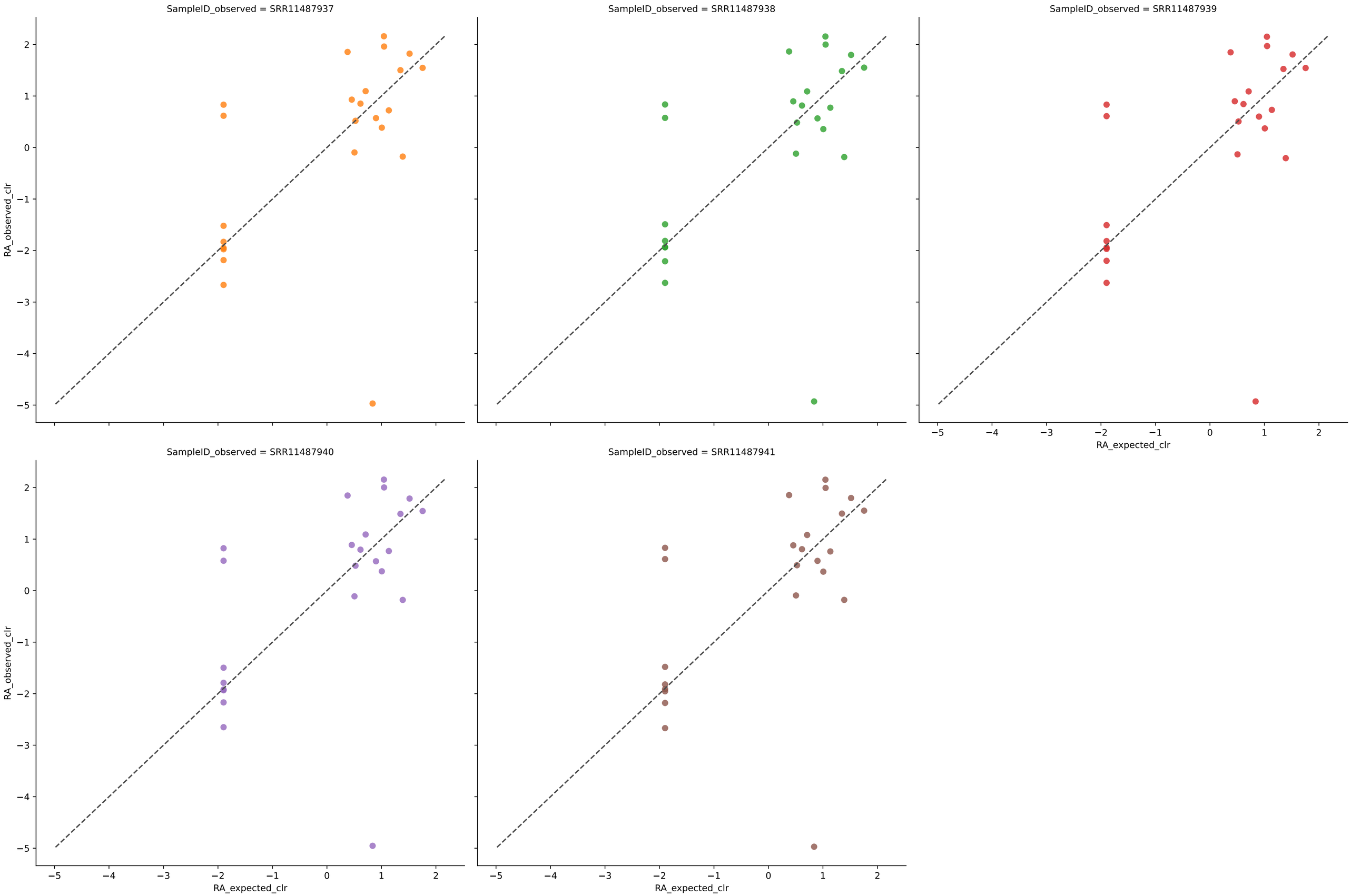
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	17	0.5826	0.0216	2.7279	0.8161	0.0262	100.0000	1.5759
SRR11487938	17	0.5893	0.0215	2.6397	0.8173	0.0264	100.0000	1.2271
SRR11487939	17	0.5812	0.0217	3.0175	0.8156	0.0266	100.0000	2.1234
SRR11487940	17	0.5976	0.0211	2.5725	0.8203	0.0261	100.0000	1.1959
SRR11487941	17	0.5885	0.0215	2.7595	0.8172	0.0263	100.0000	1.5797
Average	17	0.5878	0.0215	2.7434	0.8173	0.0263	100.0000	1.5404

Expected vs. Observed Relative Abundance for genus using wgsa2 in Experiment Amos mixed with filter 0.001



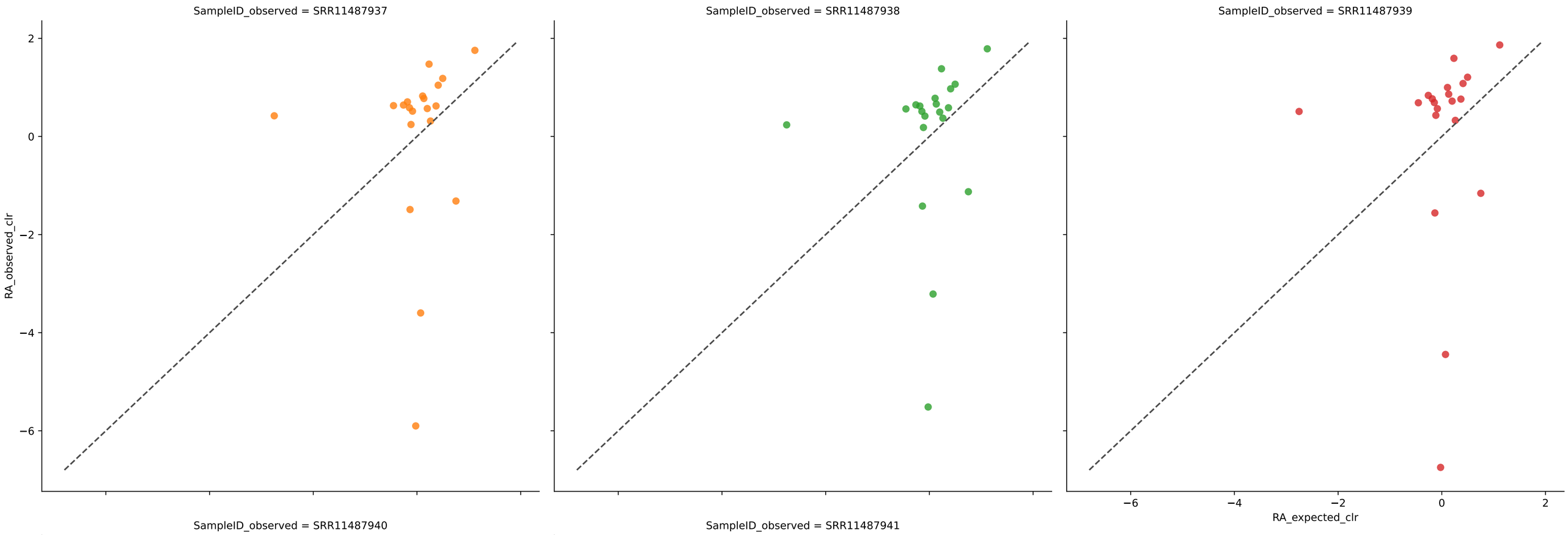
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	22	0.5068	0.0236	7.2852	0.7404	0.0338	100.0000	9.9794
SRR11487938	21	0.4900	0.0247	7.3344	0.7408	0.0347	100.0000	9.7167
SRR11487939	21	0.4878	0.0248	7.1104	0.7393	0.0350	100.0000	9.8384
SRR11487940	22	0.5106	0.0236	7.1542	0.7406	0.0337	100.0000	9.9581
SRR11487941	21	0.4905	0.0247	7.2823	0.7407	0.0348	100.0000	9.7829
Average	21	0.4971	0.0243	7.2333	0.7404	0.0344	100.0000	9.8551

Expected vs. Observed Relative Abundance for genus using woltka in Experiment Amos mixed with filter 0.001



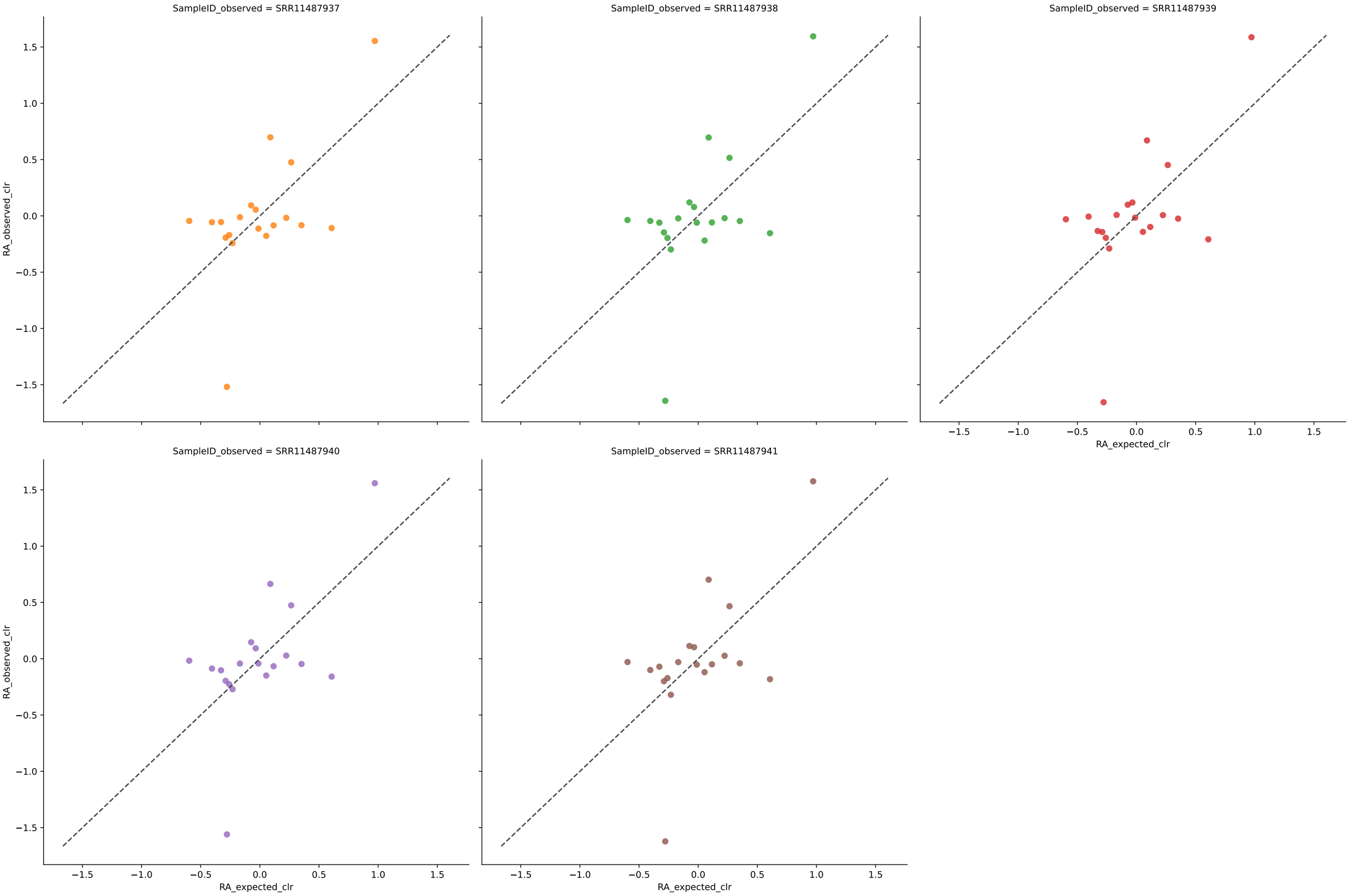
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	24	0.3072	0.0263	7.5269	0.6847	0.0371	93.7500	8.4433
SRR11487938	24	0.3035	0.0264	7.4870	0.6828	0.0375	93.7500	8.3852
SRR11487939	24	0.3084	0.0261	7.4958	0.6867	0.0371	93.7500	8.4681
SRR11487940	24	0.3049	0.0264	7.4958	0.6837	0.0374	93.7500	8.3877
SRR11487941	24	0.3057	0.0263	7.5249	0.6844	0.0373	93.7500	8.4888
Average	24	0.3059	0.0263	7.5061	0.6845	0.0373	93.7500	8.4346

Expected vs. Observed Relative Abundance for species using biobakery3 in Experiment Amos mixed with filter 0.001



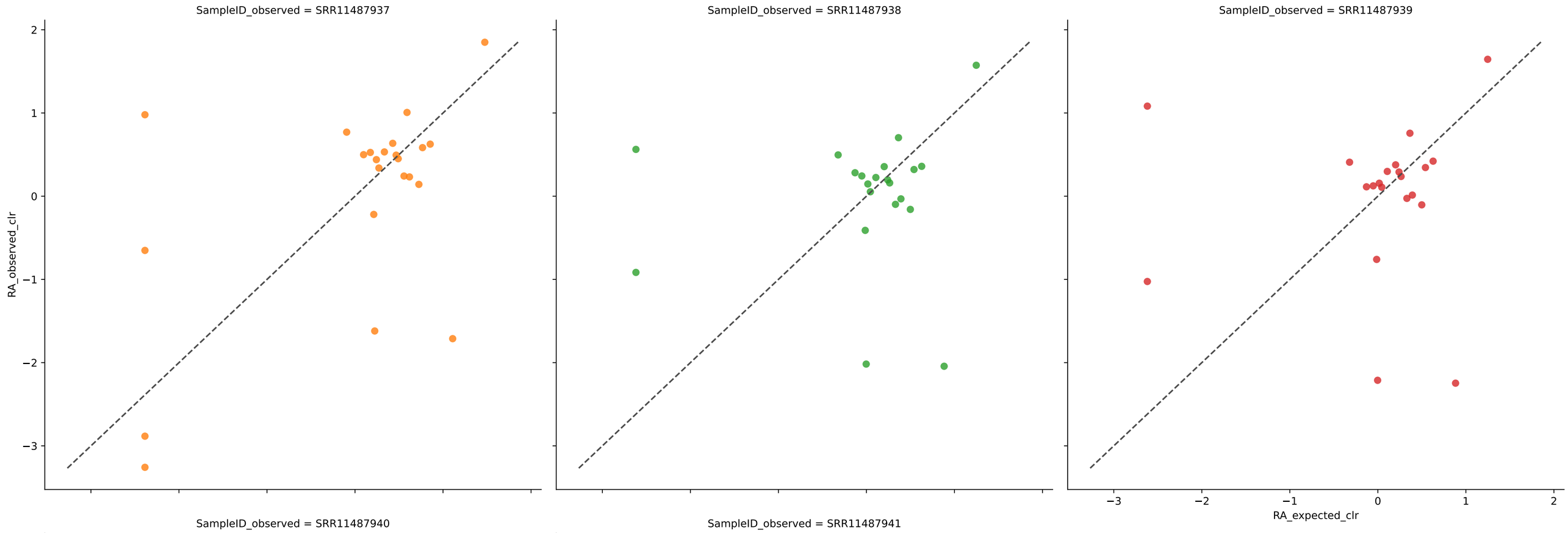
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	20	0.2709	0.0241	8.4807	0.7588	0.0313	94.7368	3.9799
SRR11487938	20	0.3283	0.0234	7.8474	0.7660	0.0306	94.7368	3.4926
SRR11487939	20	0.2666	0.0237	9.5833	0.7625	0.0316	94.7368	3.9371
SRR11487940	20	0.2909	0.0230	8.3586	0.7696	0.0308	94.7368	4.0588
SRR11487941	20	0.3010	0.0235	9.5672	0.7648	0.0312	94.7368	3.8522
Average	20	0.2915	0.0236	8.7674	0.7643	0.0311	94.7368	3.8641

Expected vs. Observed Relative Abundance for species using biobakery4 in Experiment Amos mixed with filter 0.001



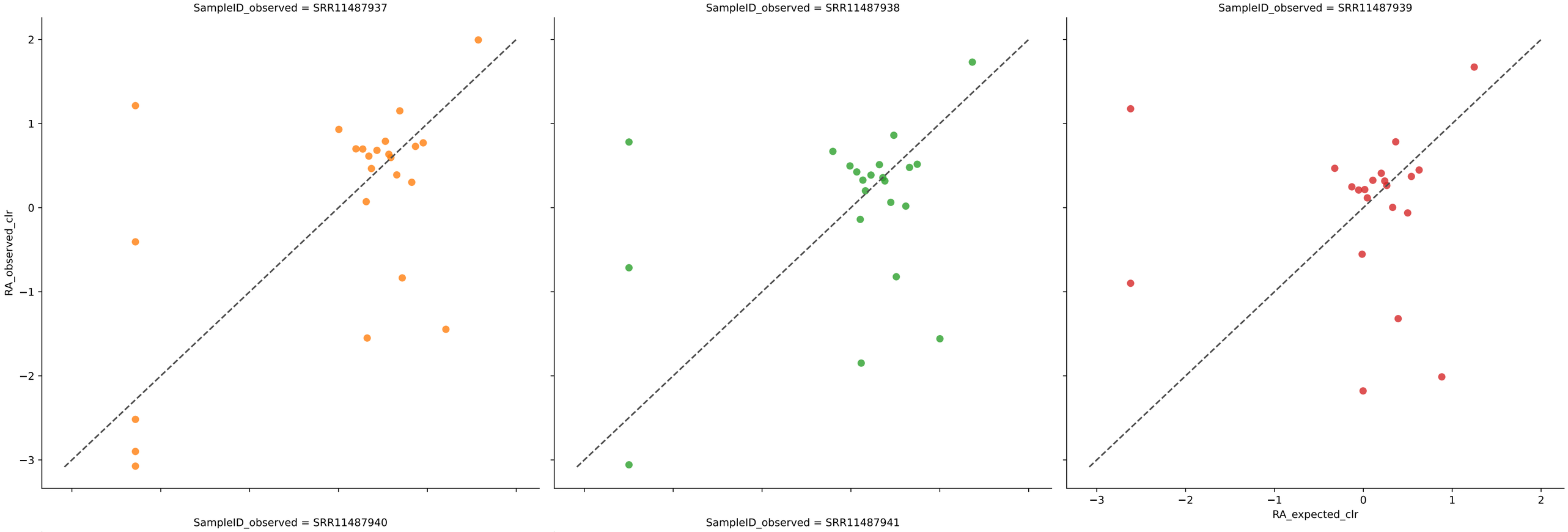
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	19	0.6104	0.0172	1.9325	0.8362	0.0264	100.0000	0.0000
SRR11487938	19	0.6096	0.0179	2.0494	0.8295	0.0276	100.0000	0.0000
SRR11487939	19	0.6052	0.0175	2.0536	0.8341	0.0273	100.0000	0.0000
SRR11487940	19	0.6161	0.0170	1.9498	0.8385	0.0263	100.0000	0.0000
SRR11487941	19	0.6111	0.0172	2.0105	0.8366	0.0269	100.0000	0.0000
Average	19	0.6105	0.0174	1.9992	0.8350	0.0269	100.0000	0.0000

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



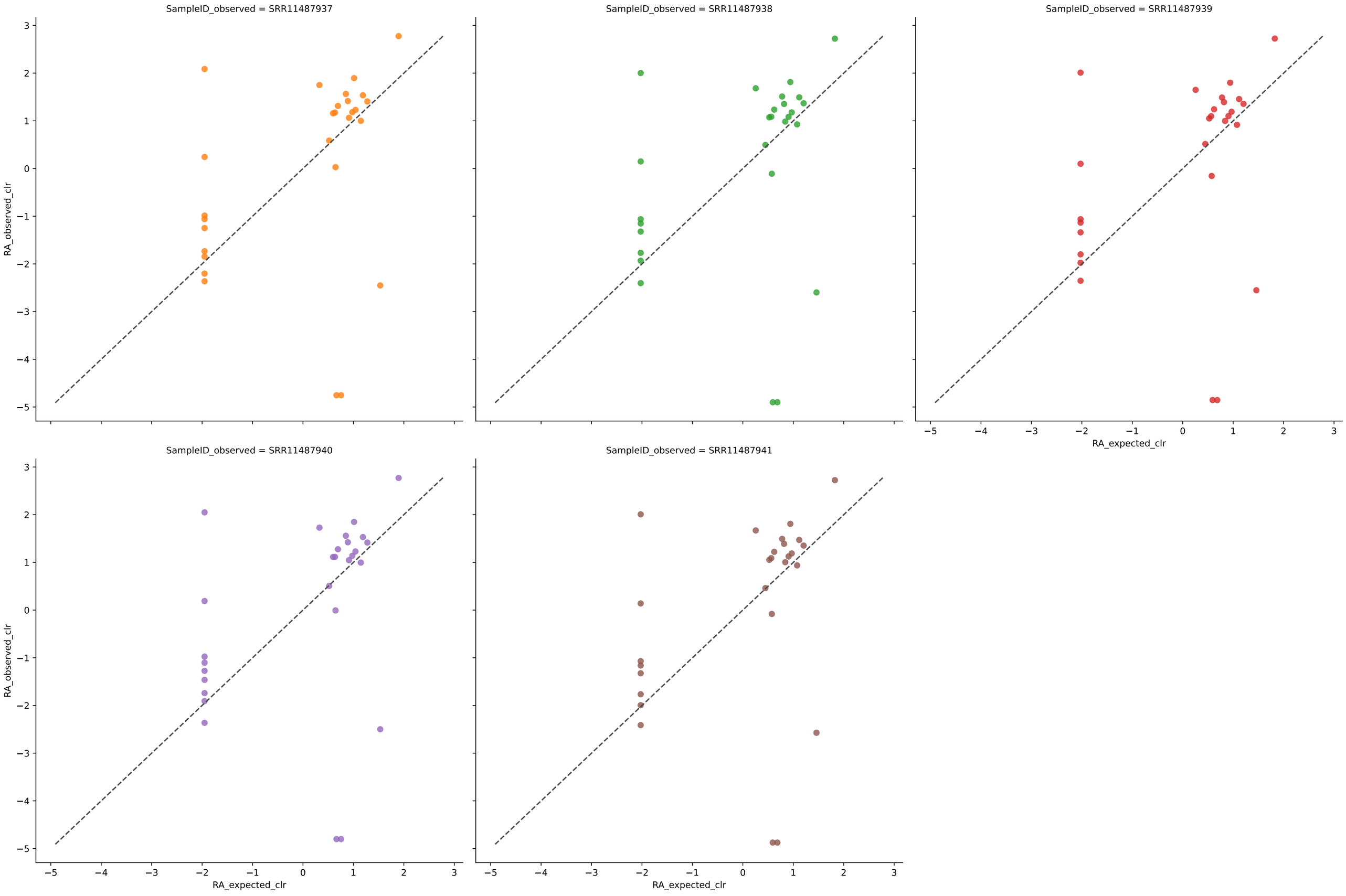
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	23	0.3399	0.0204	5.3887	0.7651	0.0297	100.0000	9.0651
SRR11487938	21	0.2753	0.0220	5.2846	0.7686	0.0304	100.0000	7.9849
SRR11487939	21	0.1892	0.0229	5.7630	0.7593	0.0350	100.0000	11.5832
SRR11487940	21	0.2835	0.0217	5.1310	0.7721	0.0302	100.0000	8.0402
SRR11487941	22	0.3036	0.0212	5.4087	0.7672	0.0307	100.0000	9.0878
Average	22	0.2783	0.0217	5.3952	0.7665	0.0312	100.0000	9.1523

Expected vs. Observed Relative Abundance for species using jams202212 in Experiment Amos mixed with filter 0.001



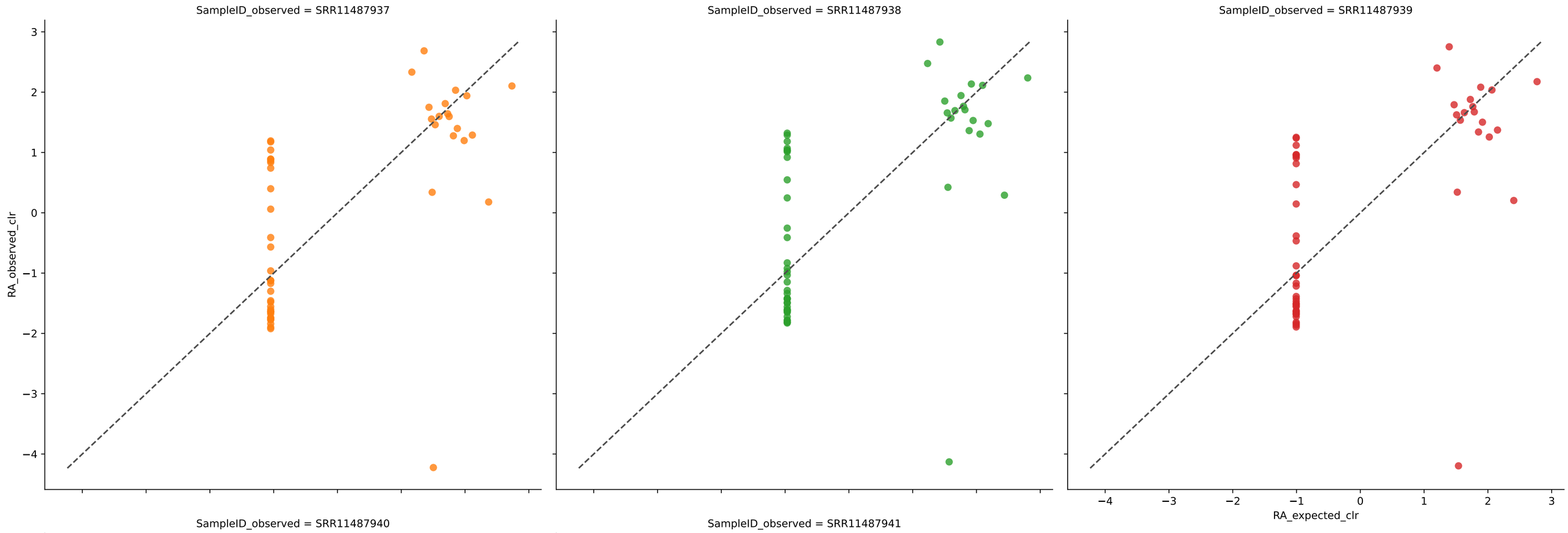
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	24	0.3260	0.0212	5.6696	0.7456	0.0310	100.0000	10.1206
SRR11487938	22	0.2929	0.0224	5.3486	0.7536	0.0311	100.0000	8.6447
SRR11487939	21	0.1509	0.0249	5.9592	0.7383	0.0372	100.0000	12.4768
SRR11487940	23	0.3509	0.0209	5.2572	0.7599	0.0297	100.0000	8.4159
SRR11487941	23	0.3104	0.0215	5.4256	0.7525	0.0314	100.0000	9.8410
Average	23	0.2862	0.0222	5.5321	0.7500	0.0321	100.0000	9.8998

Expected vs. Observed Relative Abundance for species using wgsa2 in Experiment Amos mixed with filter 0.001



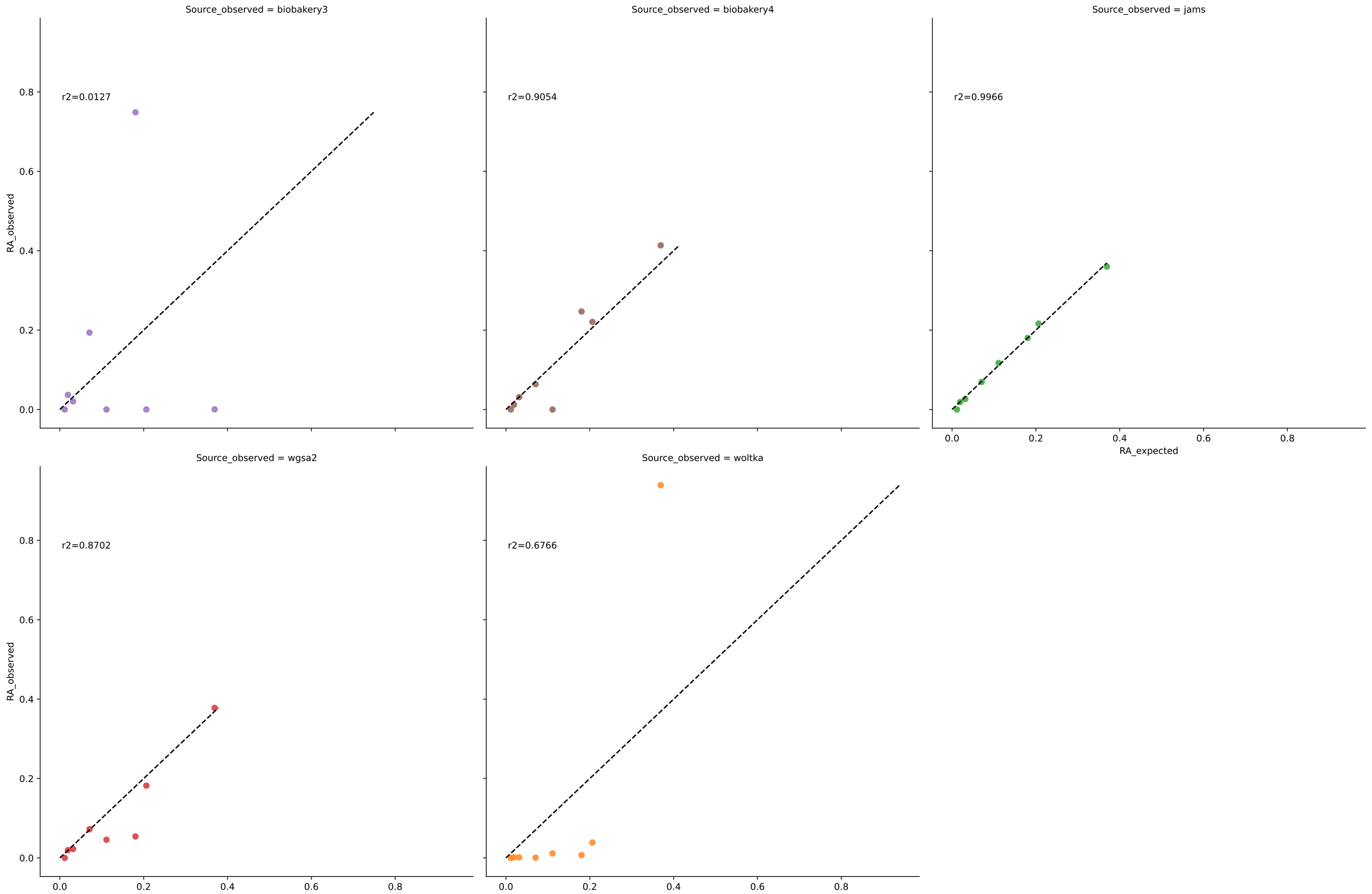
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	28	0.3691	0.0212	10.2558	0.7034	0.0330	89.4737	13.2111
SRR11487938	27	0.3603	0.0219	10.3583	0.7043	0.0337	89.4737	12.8935
SRR11487939	27	0.3605	0.0219	10.2809	0.7040	0.0338	89.4737	12.9489
SRR11487940	28	0.3765	0.0211	10.2906	0.7047	0.0329	89.4737	13.1463
SRR11487941	27	0.3607	0.0218	10.3154	0.7053	0.0337	89.4737	12.9289
Average	27	0.3654	0.0216	10.3002	0.7043	0.0334	89.4737	13.0257

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

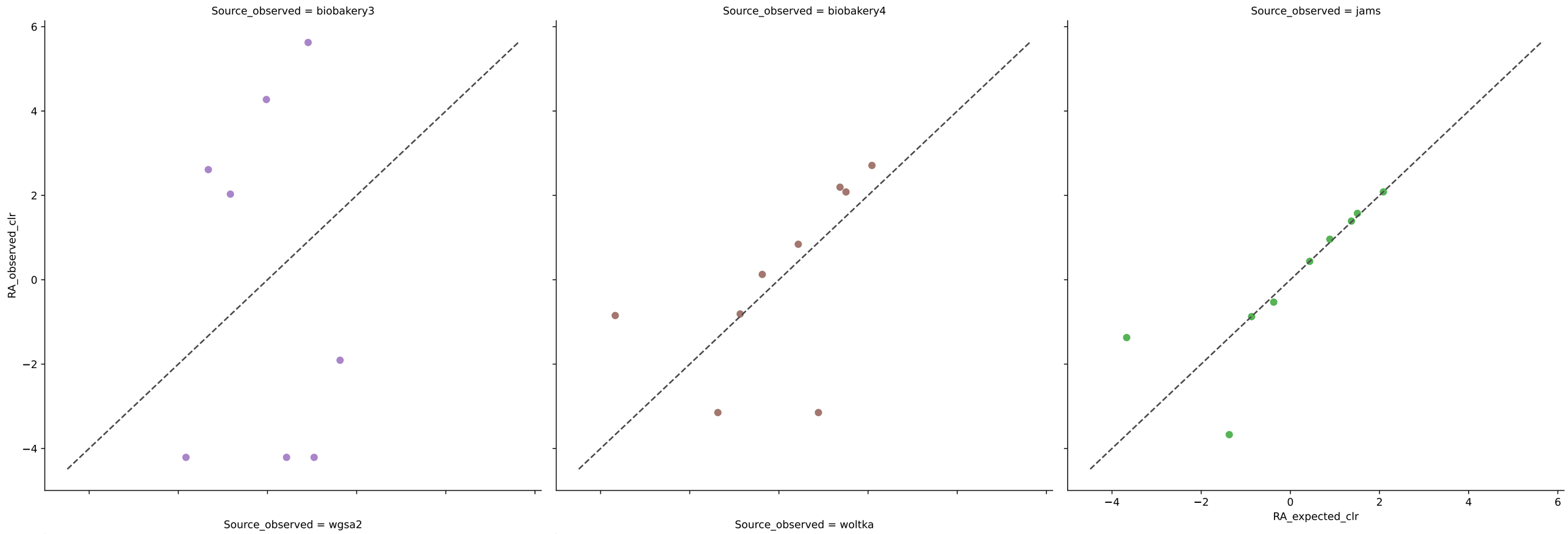


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	51	0.3441	0.0146	9.3394	0.6272	0.0244	94.7368	22.4444
SRR11487938	55	0.3554	0.0138	9.5505	0.6218	0.0236	94.7368	23.2236
SRR11487939	53	0.3555	0.0140	9.4408	0.6292	0.0239	94.7368	22.6395
SRR11487940	54	0.3549	0.0139	9.5027	0.6239	0.0237	94.7368	23.1655
SRR11487941	54	0.3562	0.0139	9.4958	0.6252	0.0237	94.7368	23.1006
Average	53	0.3532	0.0140	9.4658	0.6255	0.0239	94.7368	22.9147

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

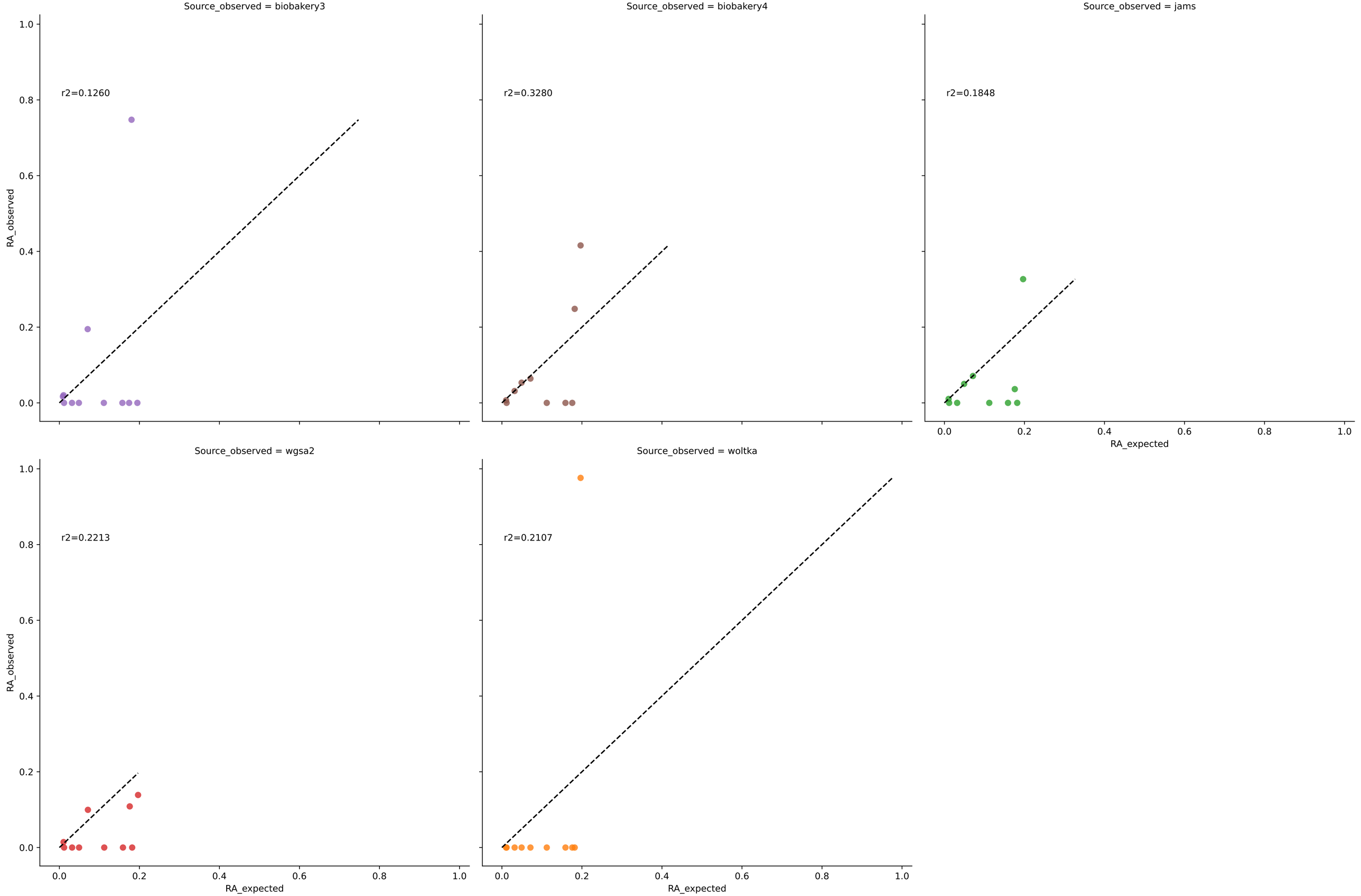


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Genus at filter threshold 0.01)

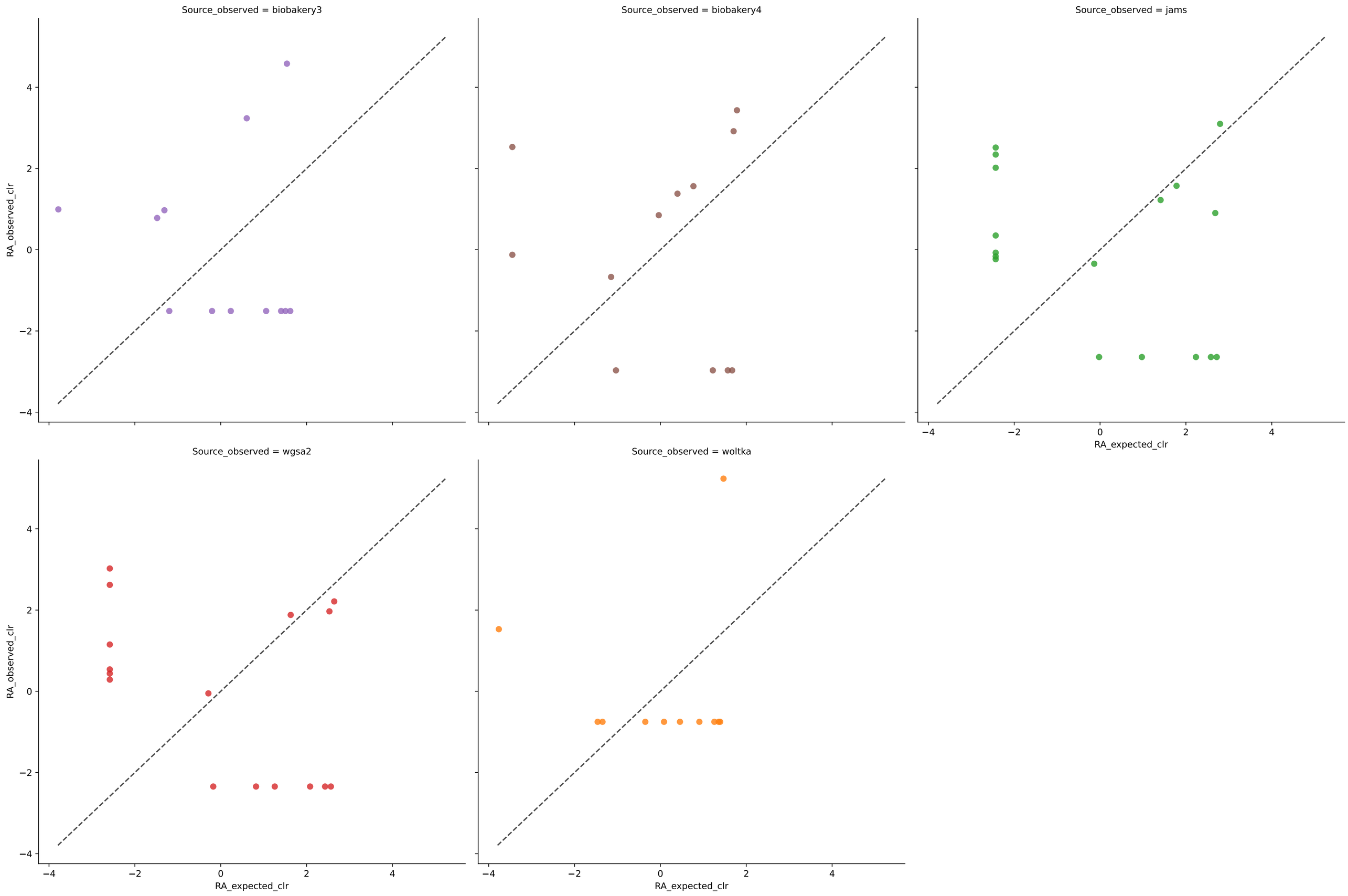


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.0127	0.1772	11.4763	0.2912	0.2573	62.5000	0.0000
biobakery4	9	0.9054	0.0304	5.4066	0.8631	0.0463	75.0000	1.1781
jams	9	0.9957	0.0061	3.2602	0.9724	0.0076	87.5000	1.1392
wgsa2	9	0.4992	0.0526	5.7639	0.7633	0.0897	87.5000	0.0000
woltka	8	0.6766	0.1425	5.2155	0.4300	0.2234	87.5000	0.0000

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

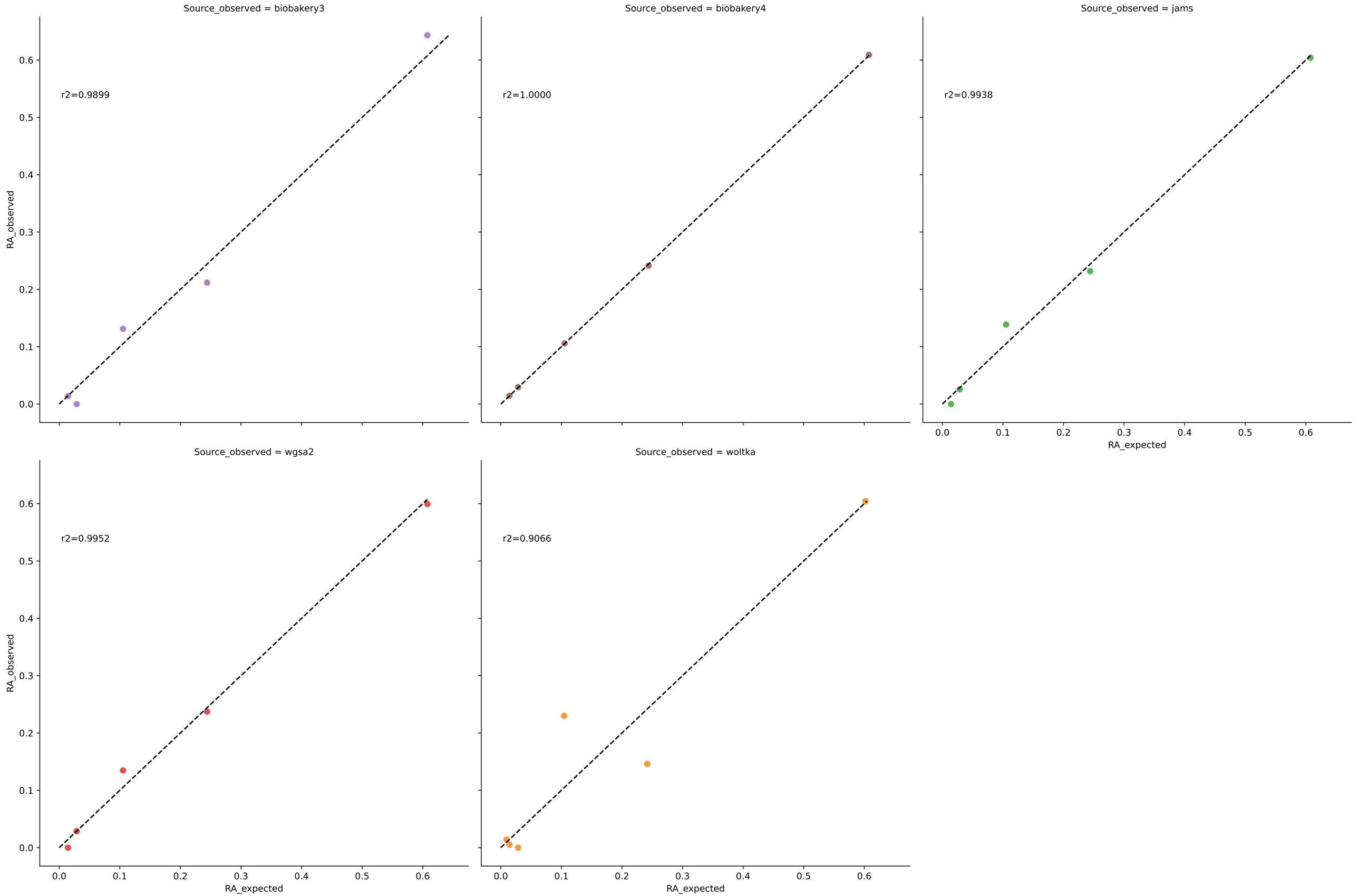


Bivariate Linear Regression for Sample S1 in Experiment bmock12 (Species at filter threshold 0.01)

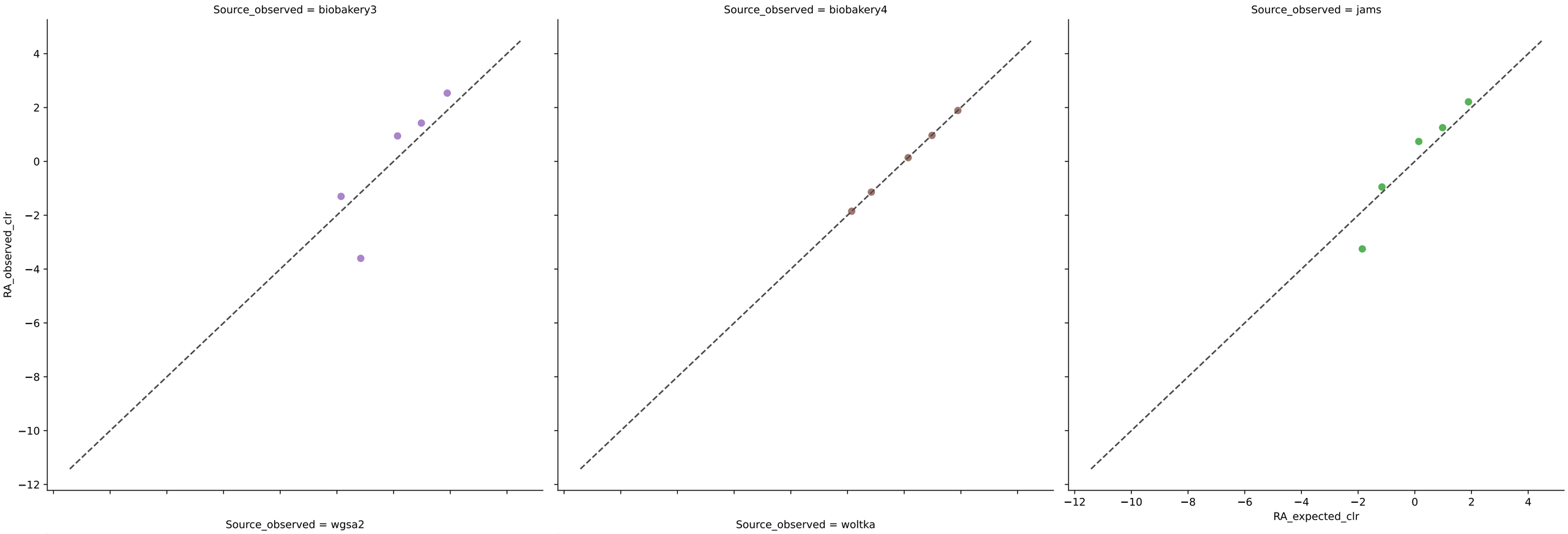


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	12	0.1319	0.1216	9.3886	0.2702	0.1930	36.3636	2.0672
biobakery4	12	0.2174	0.0783	10.8201	0.5302	0.1117	60.0000	18.0240
jams	17	0.0330	0.0749	13.9093	0.3637	0.1024	50.0000	49.1705
wgsa2	16	0.0073	0.0838	13.9461	0.3292	0.1194	40.0000	32.6394
woltka	11	0.2029	0.1461	7.8232	0.1967	0.2556	10.0000	2.3966

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

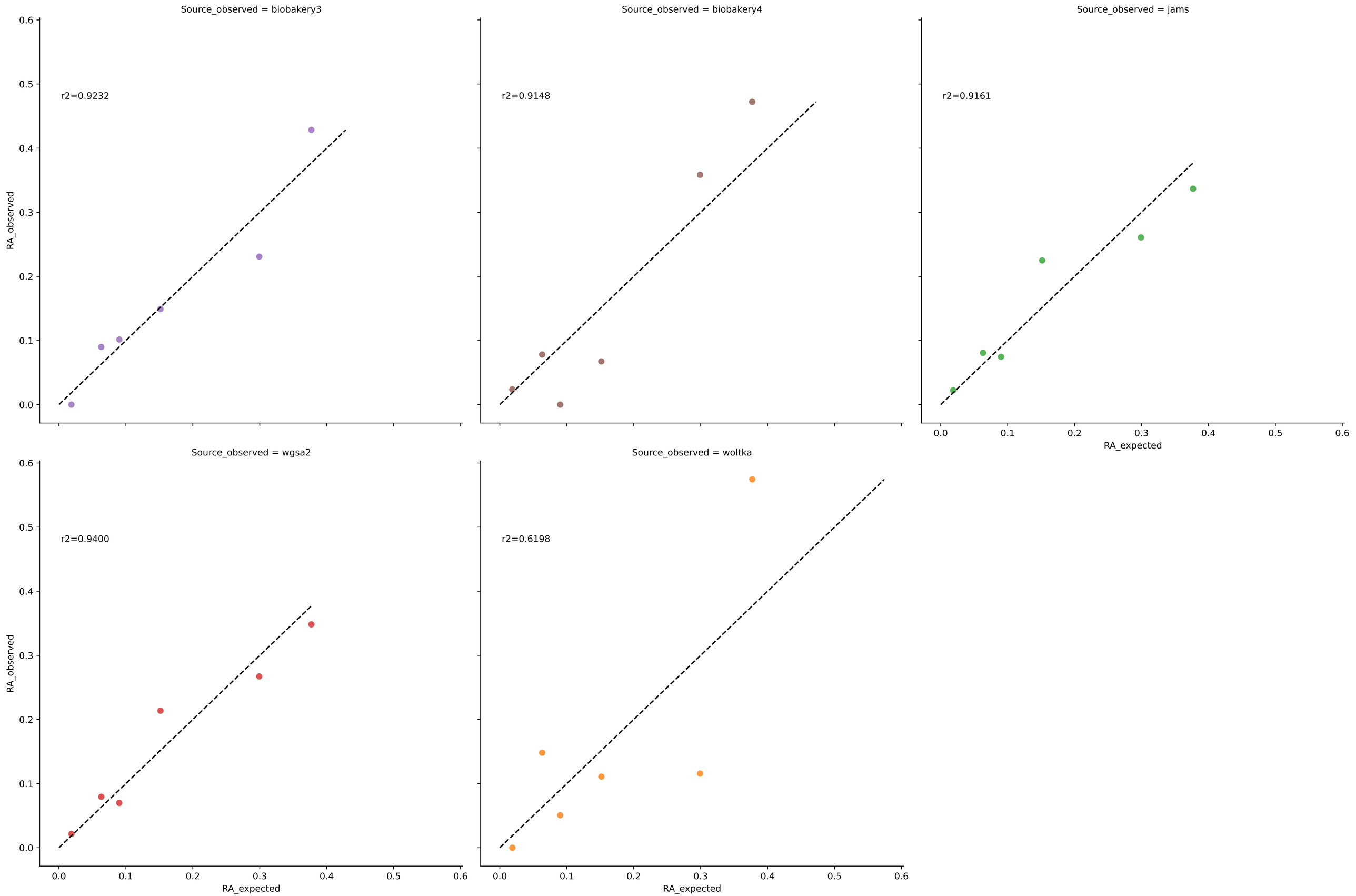


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Genus at filter threshold 0.01)

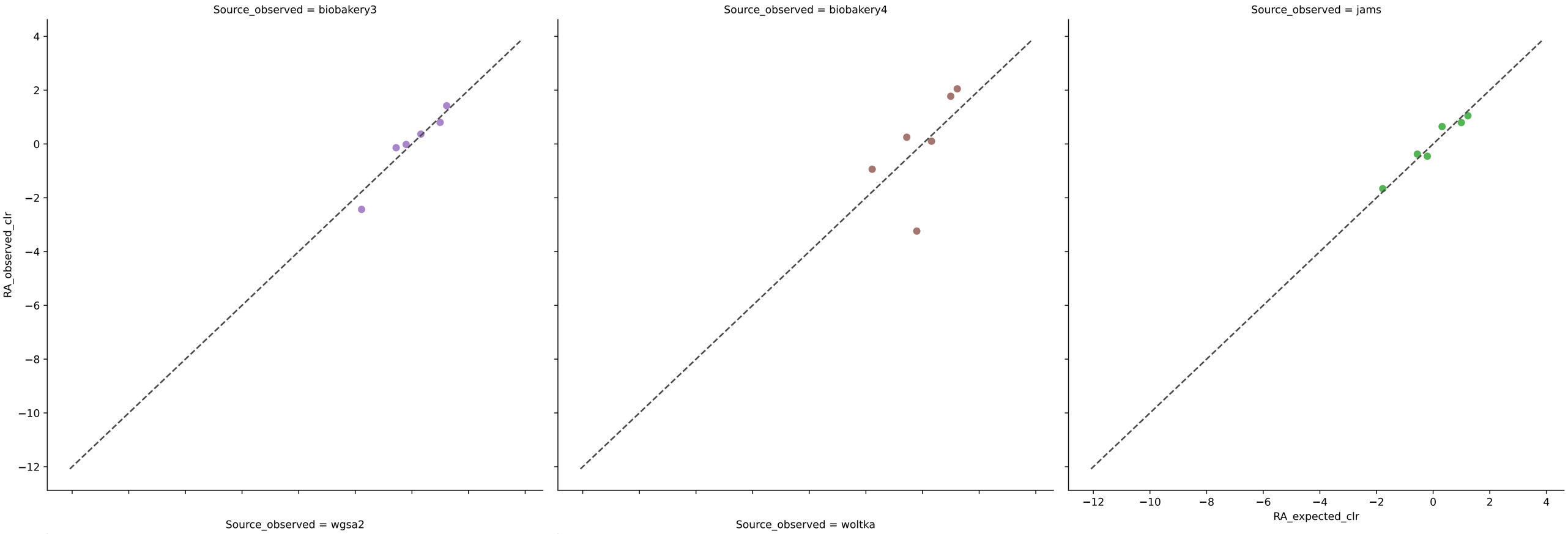


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	5	0.9899	0.0246	2.7430	0.9386	0.0276	80.0000	0.0000
biobakery4	5	1.0000	0.0011	0.0252	0.9973	0.0014	100.0000	0.0000
jams	5	0.9938	0.0134	1.5916	0.9665	0.0173	80.0000	0.0000
wgsa2	5	0.9952	0.0118	1.4987	0.9705	0.0154	80.0000	0.0000
woltka	6	0.9066	0.0443	11.7319	0.8671	0.0656	100.0000	0.0000

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

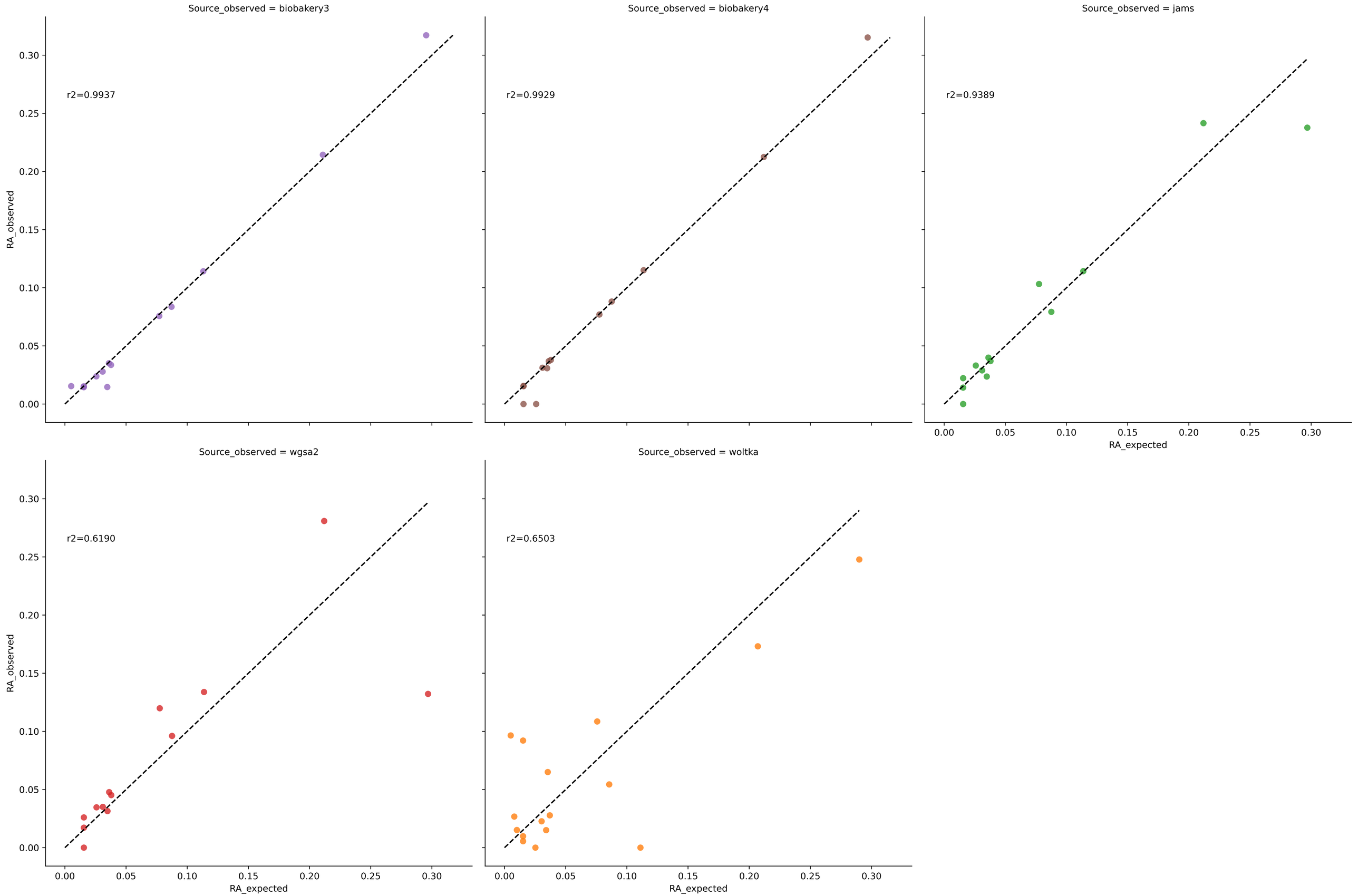


Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Genus at filter threshold 0.01)

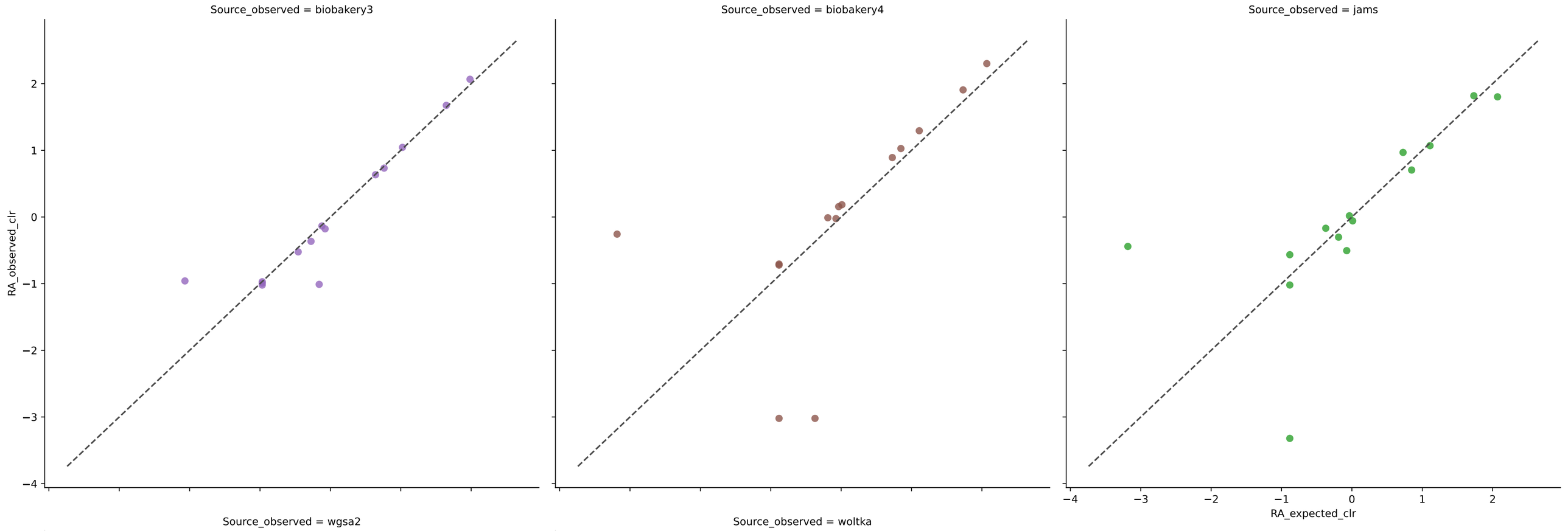


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	6	0.9232	0.0299	0.8456	0.9104	0.0377	83.3333	0.0000
biobakery4	6	0.9148	0.0581	3.4495	0.8256	0.0684	83.3333	0.0000
jams	6	0.9161	0.0314	0.5387	0.9057	0.0388	100.0000	0.0000
wgsa2	6	0.9400	0.0270	0.5123	0.9190	0.0326	100.0000	0.0000
woltka	6	0.6198	0.0941	11.3717	0.7176	0.1179	100.0000	0.0000

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

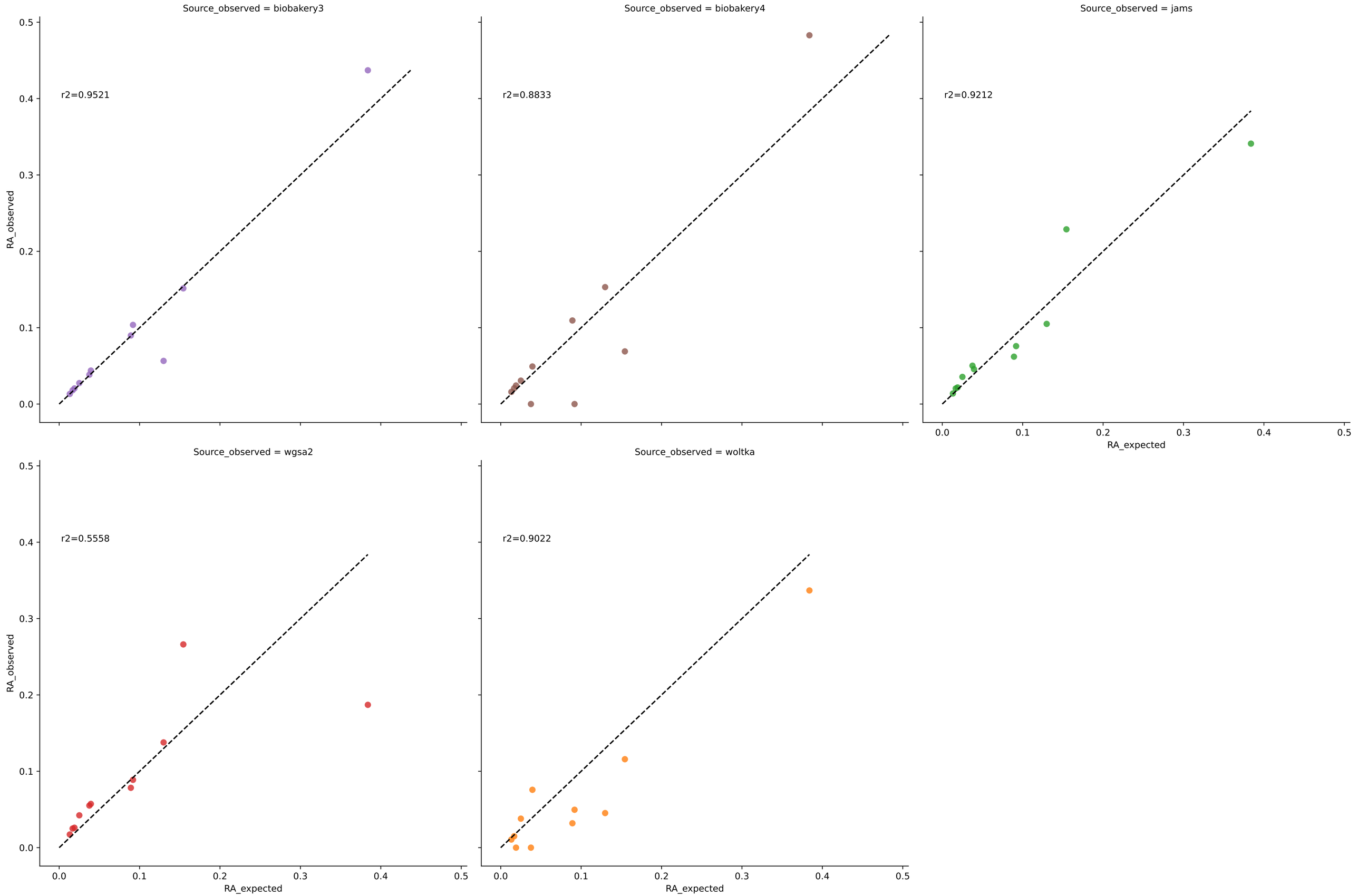


Bivariate Linear Regression for Sample S1 in Experiment camisimGI (Species at filter threshold 0.01)

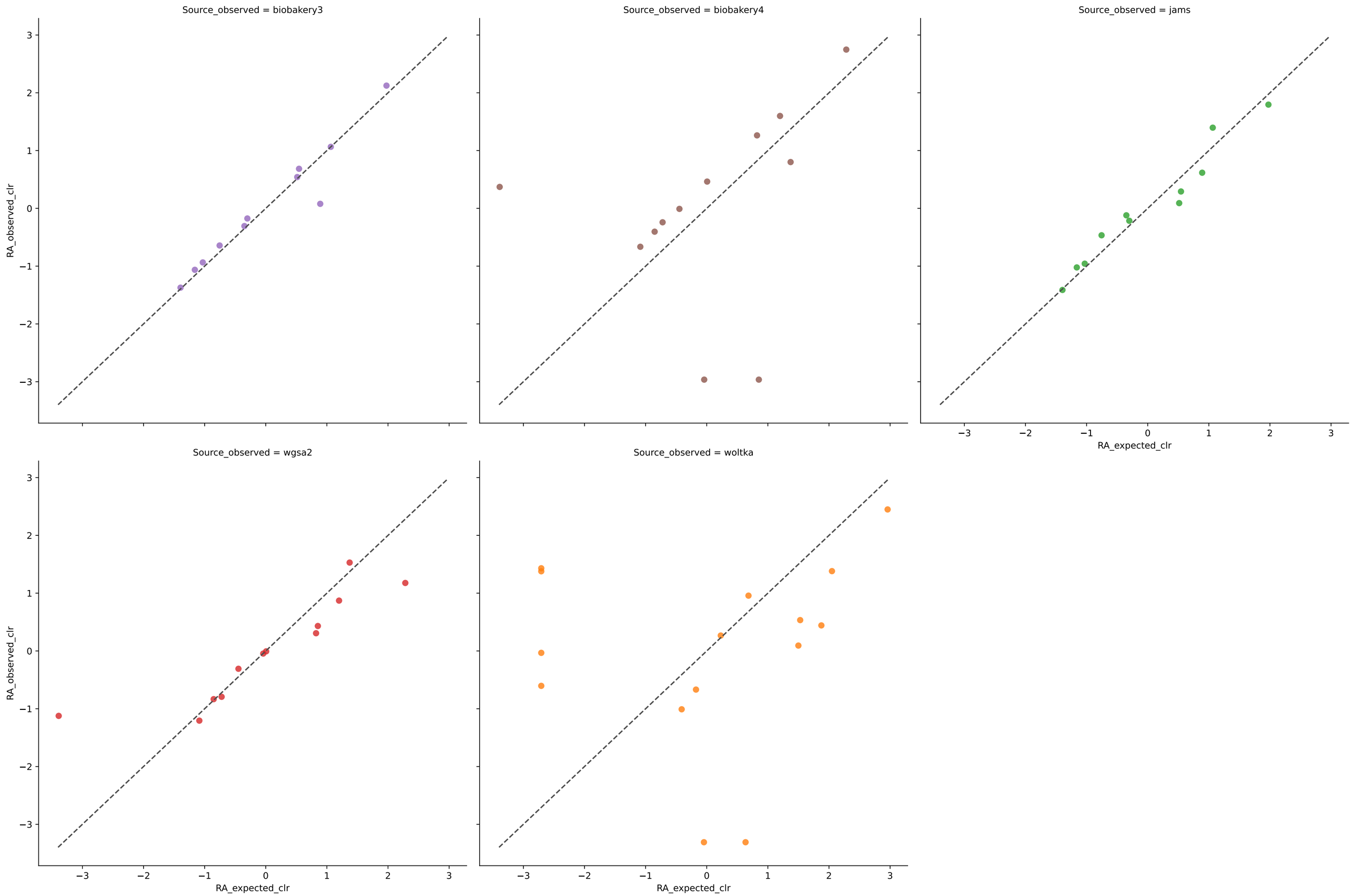


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	14	0.9937	0.0052	1.4097	0.9635	0.0086	100.0000	0.0000
biobakery4	14	0.9846	0.0066	4.5268	0.9539	0.0115	84.6154	2.4401
jams	14	0.9363	0.0141	3.7405	0.9014	0.0211	92.3077	0.0000
wgsa2	13	0.6190	0.0282	2.5021	0.8164	0.0517	92.3077	0.0000
woltka	18	0.6624	0.0327	9.2433	0.7055	0.0441	87.5000	3.9996

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

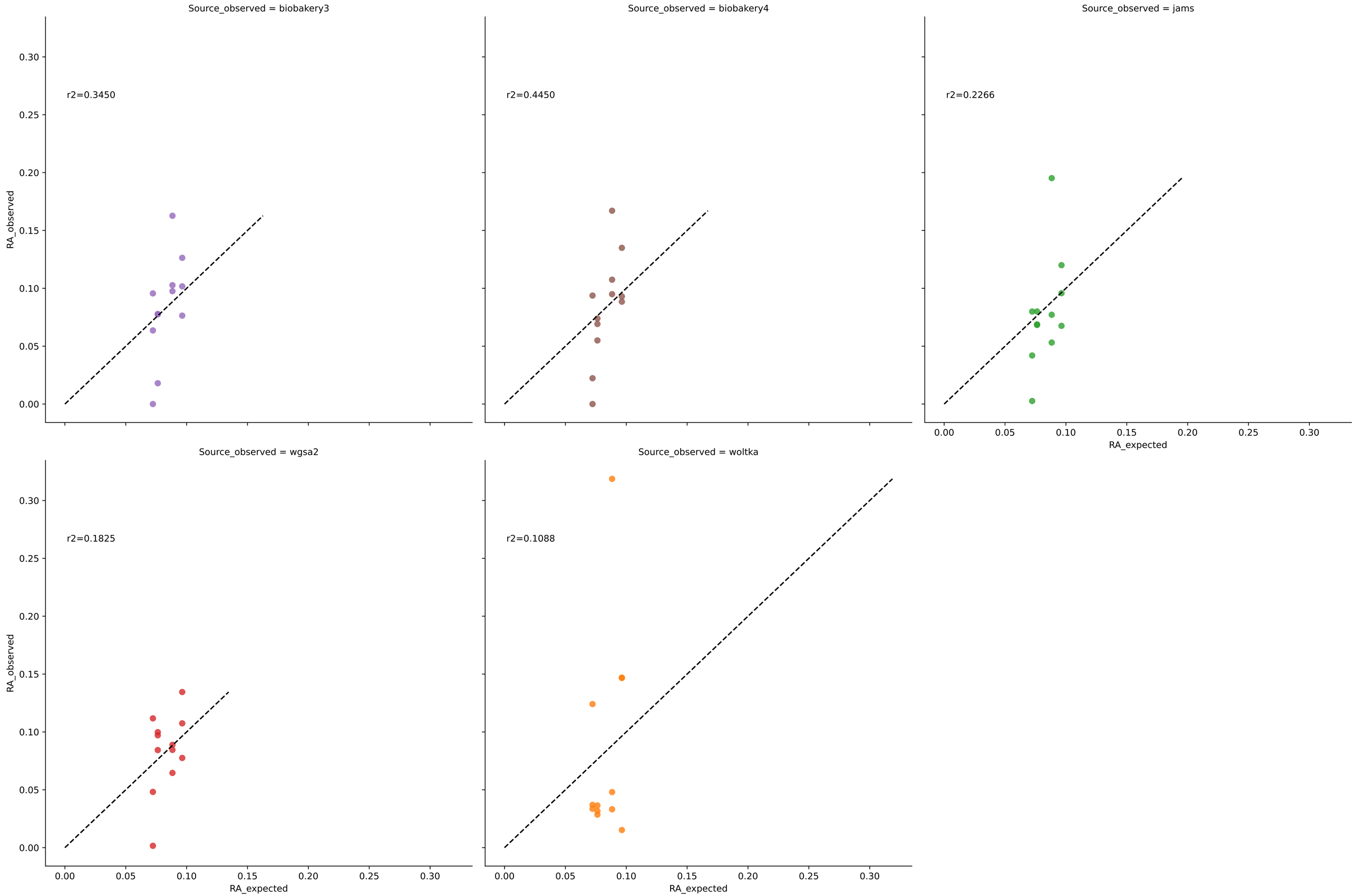


Bivariate Linear Regression for Sample S2 in Experiment camisimGI (Species at filter threshold 0.01)

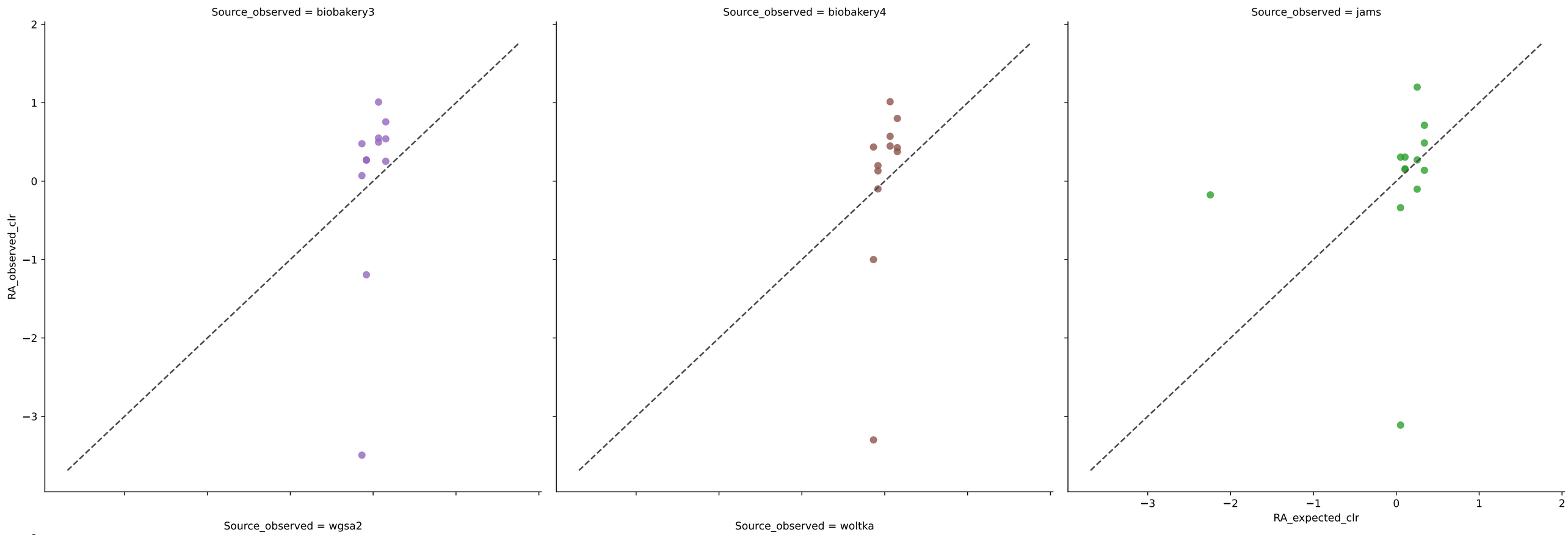


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	11	0.9521	0.0139	0.8675	0.9237	0.0276	100.0000	0.0000
biobakery4	12	0.8641	0.0358	6.2566	0.7852	0.0501	81.8182	4.4841
jams	11	0.9212	0.0202	0.7936	0.8891	0.0291	100.0000	0.0000
wgsa2	12	0.5804	0.0351	2.6395	0.7893	0.0664	100.0000	1.8748
woltka	15	0.6610	0.0441	8.8335	0.6694	0.0568	81.8182	28.1267

Bivariate Linear Regression for Sample EG in Experiment nist (Genus at filter threshold 0.01)

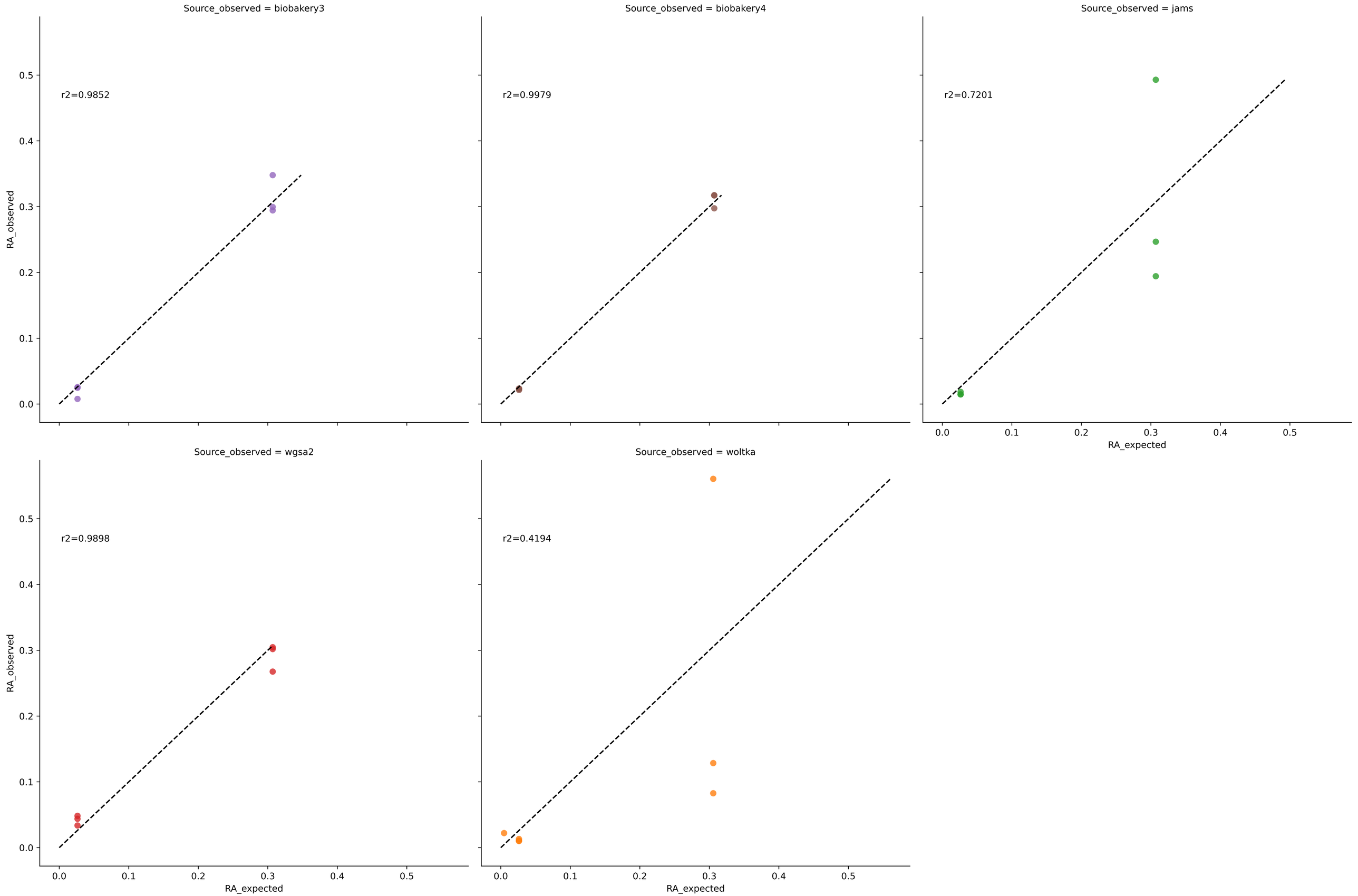


Bivariate Linear Regression for Sample EG in Experiment nist (Genus at filter threshold 0.01)

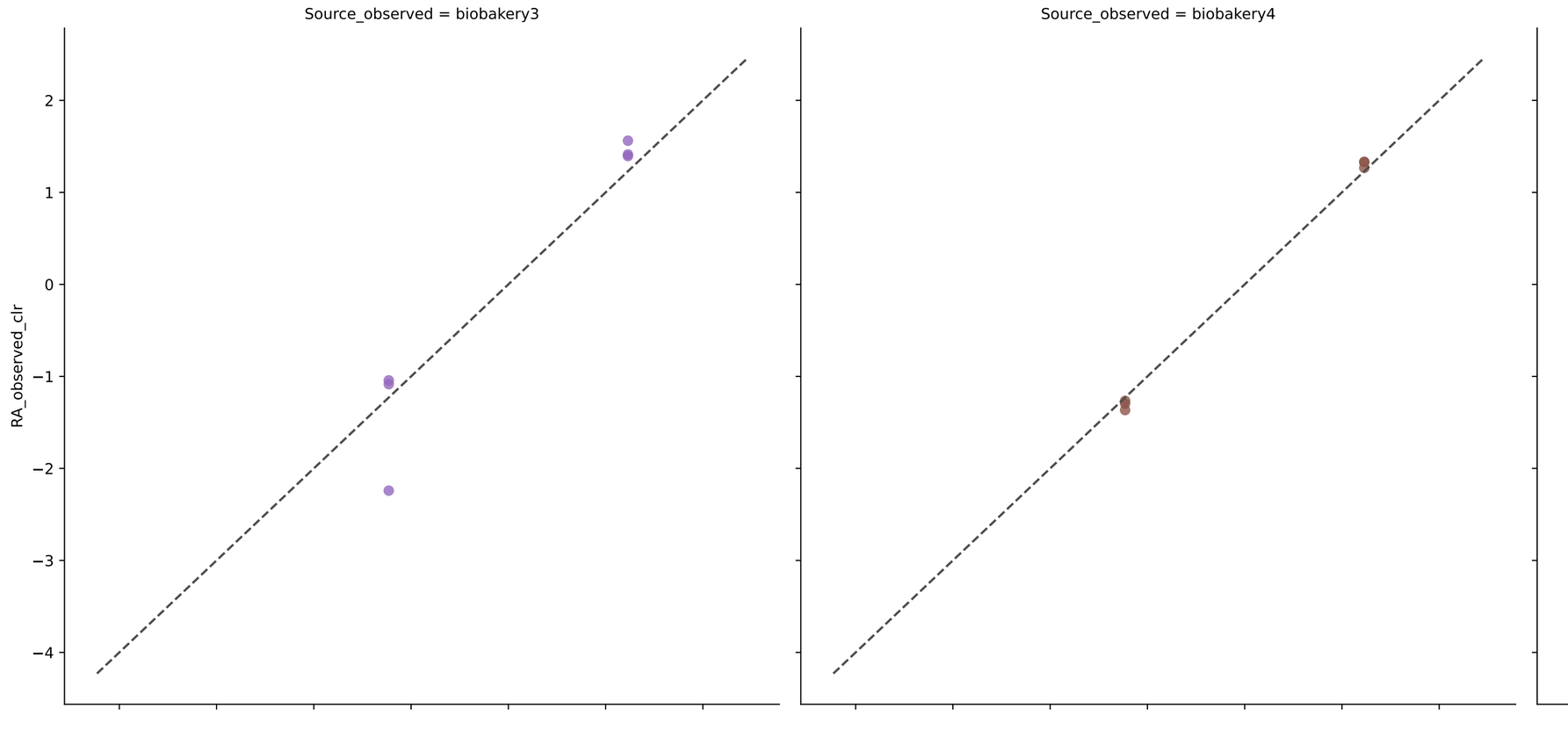


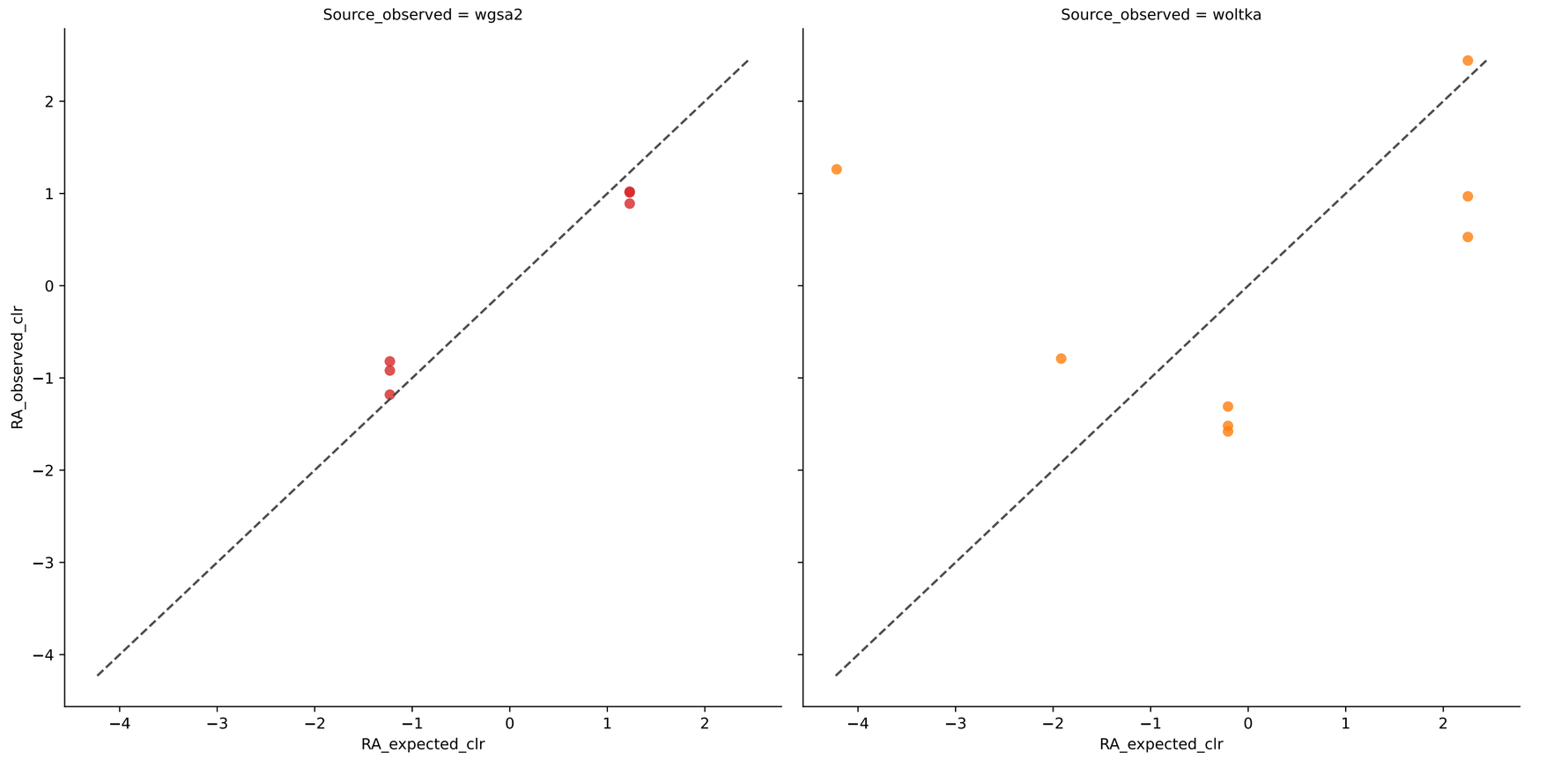
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	12	0.3450	0.0265	3.8759	0.8407	0.0370	91.6667	0.0000
biobakery4	12	0.4450	0.0274	3.6138	0.8356	0.0375	91.6667	0.0000
jams	13	0.1212	0.0294	3.9711	0.8088	0.0417	100.0000	0.0000
wgsa2	12	0.1825	0.0236	3.8004	0.8587	0.0299	100.0000	0.0000
woltka	12	0.1088	0.0638	2.9017	0.6171	0.0820	100.0000	0.0000

Bivariate Linear Regression for Sample MIX-A in Experiment nist (Genus at filter threshold 0.01)



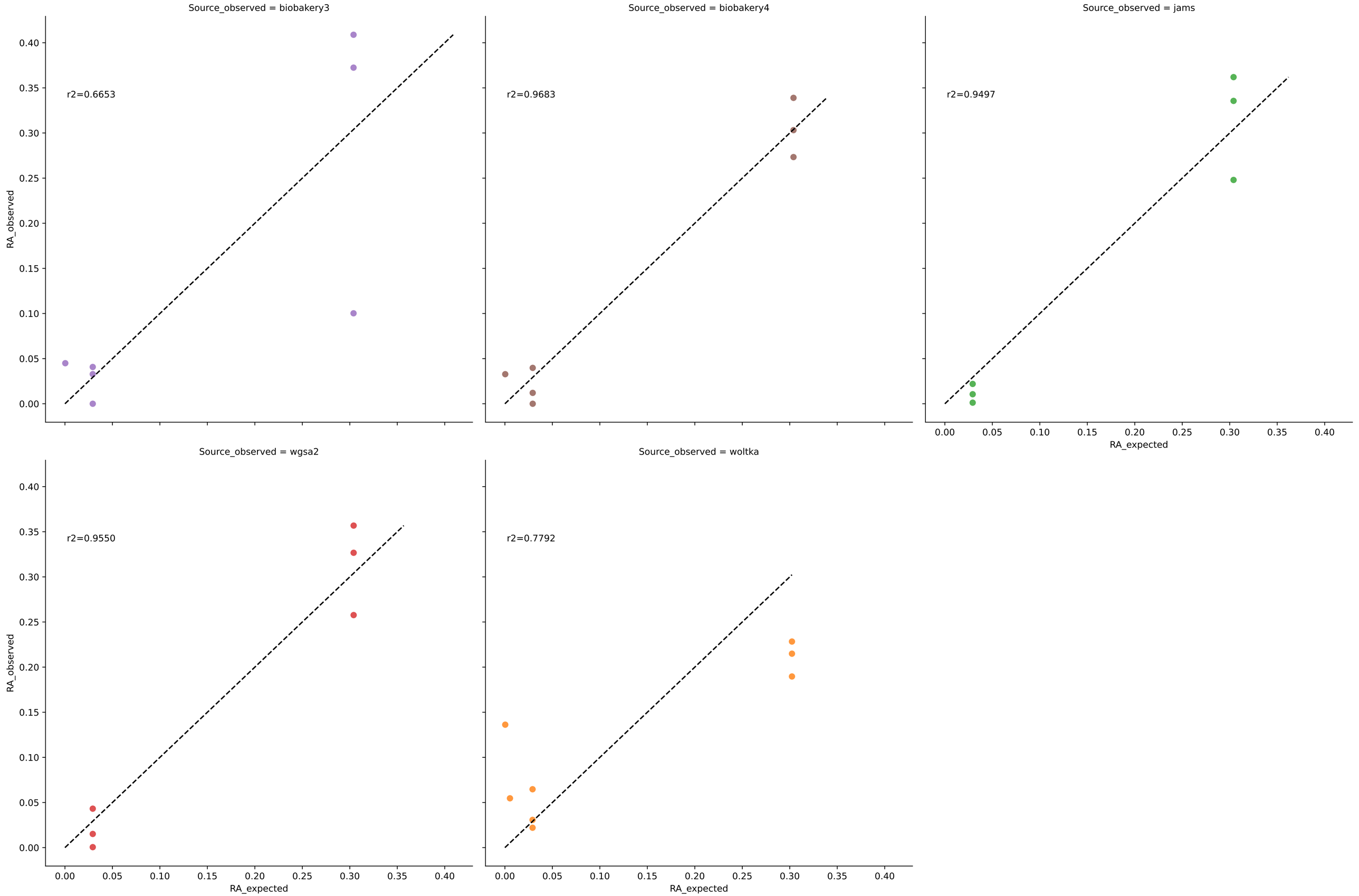
Bivariate Linear Regression for Sample MIX-A in Experiment nist (Genus at filter threshold 0.01)



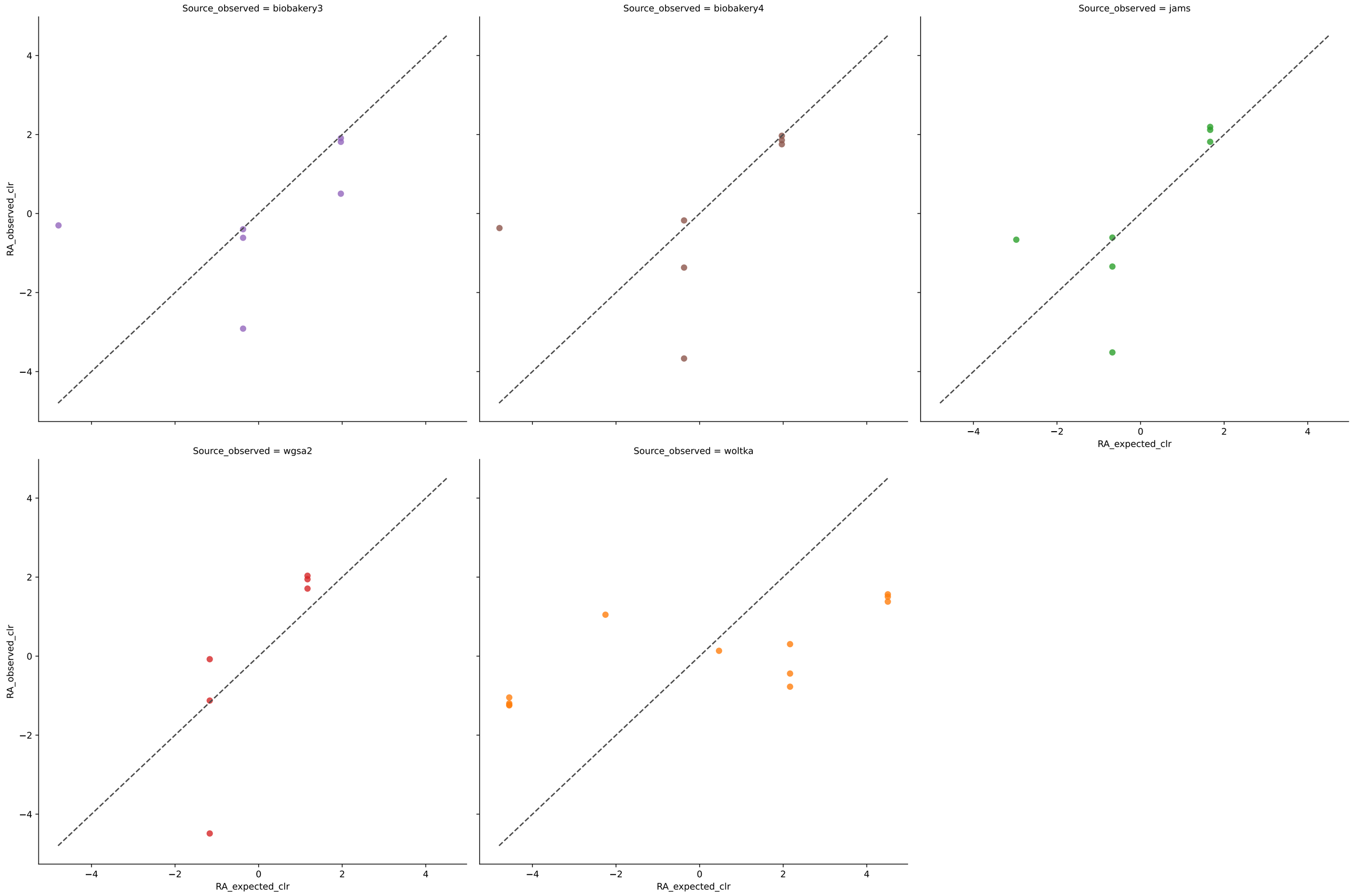


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	6	0.9852	0.0136	1.1183	0.9591	0.0193	100.0000	0.0000
biobakery4	6	0.9979	0.0068	0.2152	0.9796	0.0075	100.0000	0.0000
jams	7	0.7423	0.0583	2.2409	0.7959	0.0858	100.0000	0.0000
wgsa2	6	0.9898	0.0157	0.6871	0.9529	0.0202	100.0000	0.0000
woltka	8	0.3271	0.1112	6.3876	0.5554	0.1486	100.0000	17.2275

Bivariate Linear Regression for Sample MIX-B in Experiment nist (Genus at filter threshold 0.01)

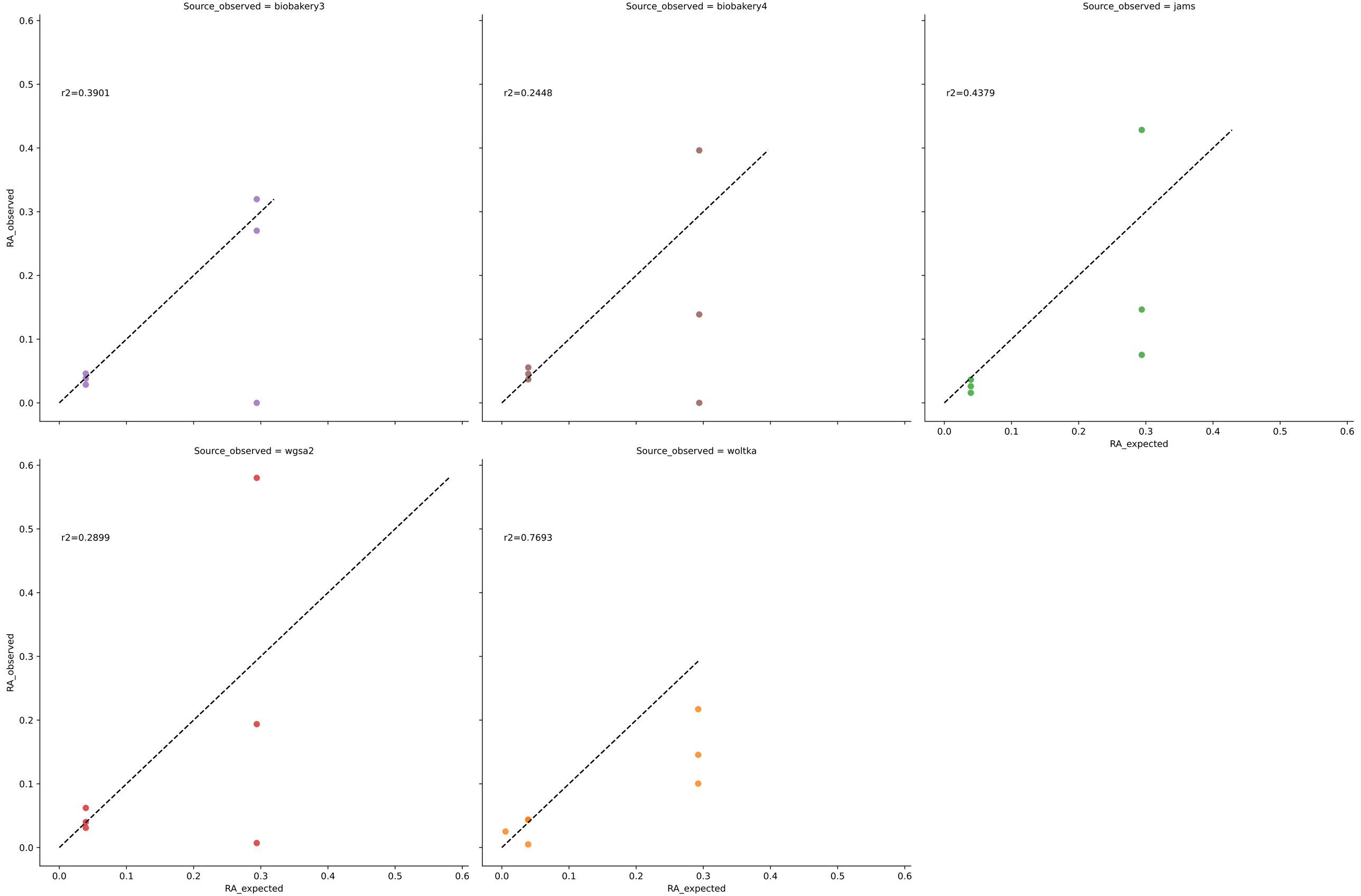


Bivariate Linear Regression for Sample MIX-B in Experiment nist (Genus at filter threshold 0.01)

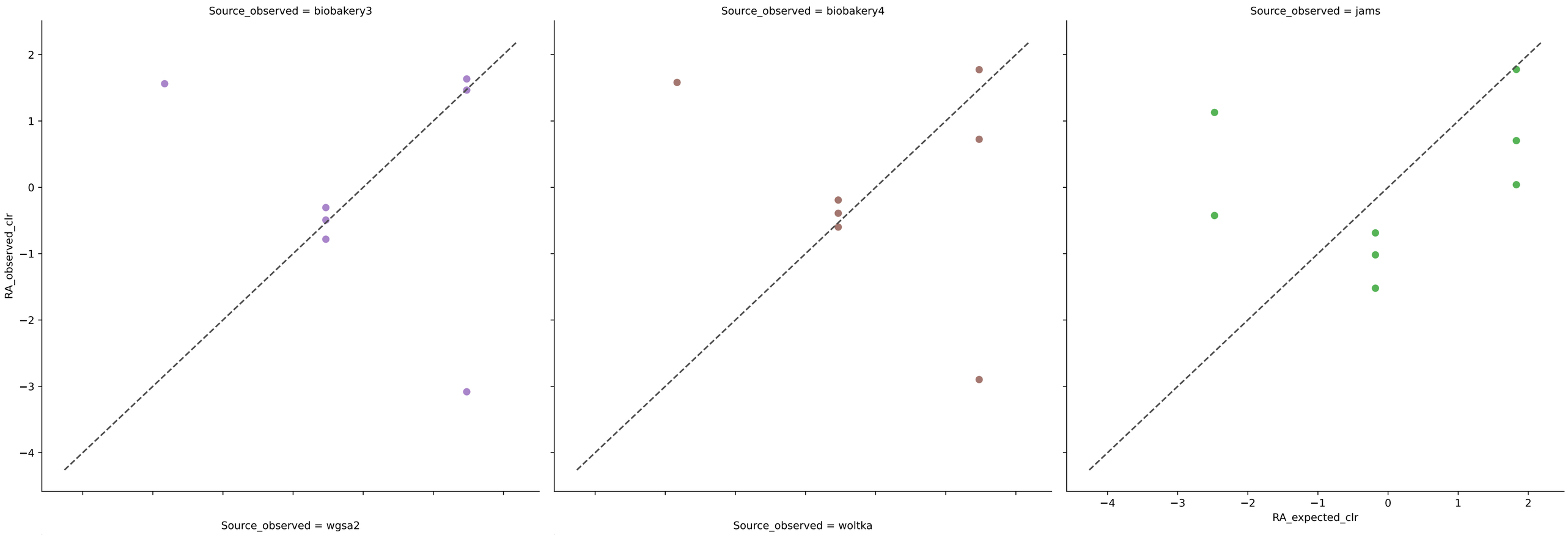


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	7	0.6653	0.0666	5.3707	0.7670	0.0927	85.7143	0.0000
biobakery4	7	0.9683	0.0222	5.6132	0.9221	0.0253	85.7143	0.0000
jams	7	0.9474	0.0315	3.7910	0.8898	0.0361	100.0000	0.0000
wgsa2	6	0.9550	0.0298	3.7221	0.9107	0.0333	100.0000	0.0000
woltka	12	0.8176	0.0469	10.1427	0.7188	0.0638	100.0000	5.8849

Bivariate Linear Regression for Sample MIX-C in Experiment nist (Genus at filter threshold 0.01)

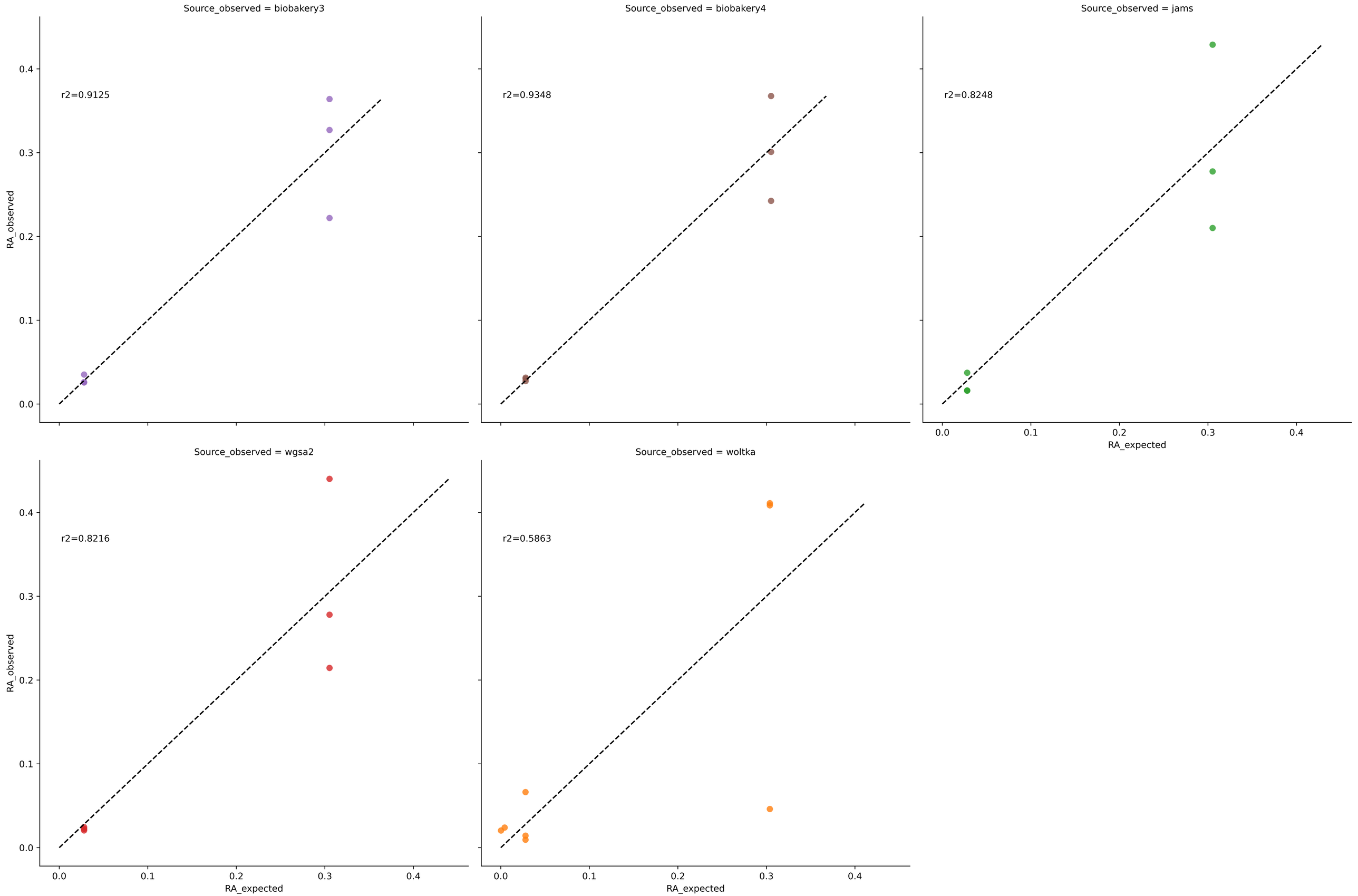


Bivariate Linear Regression for Sample MIX-C in Experiment nist (Genus at filter threshold 0.01)

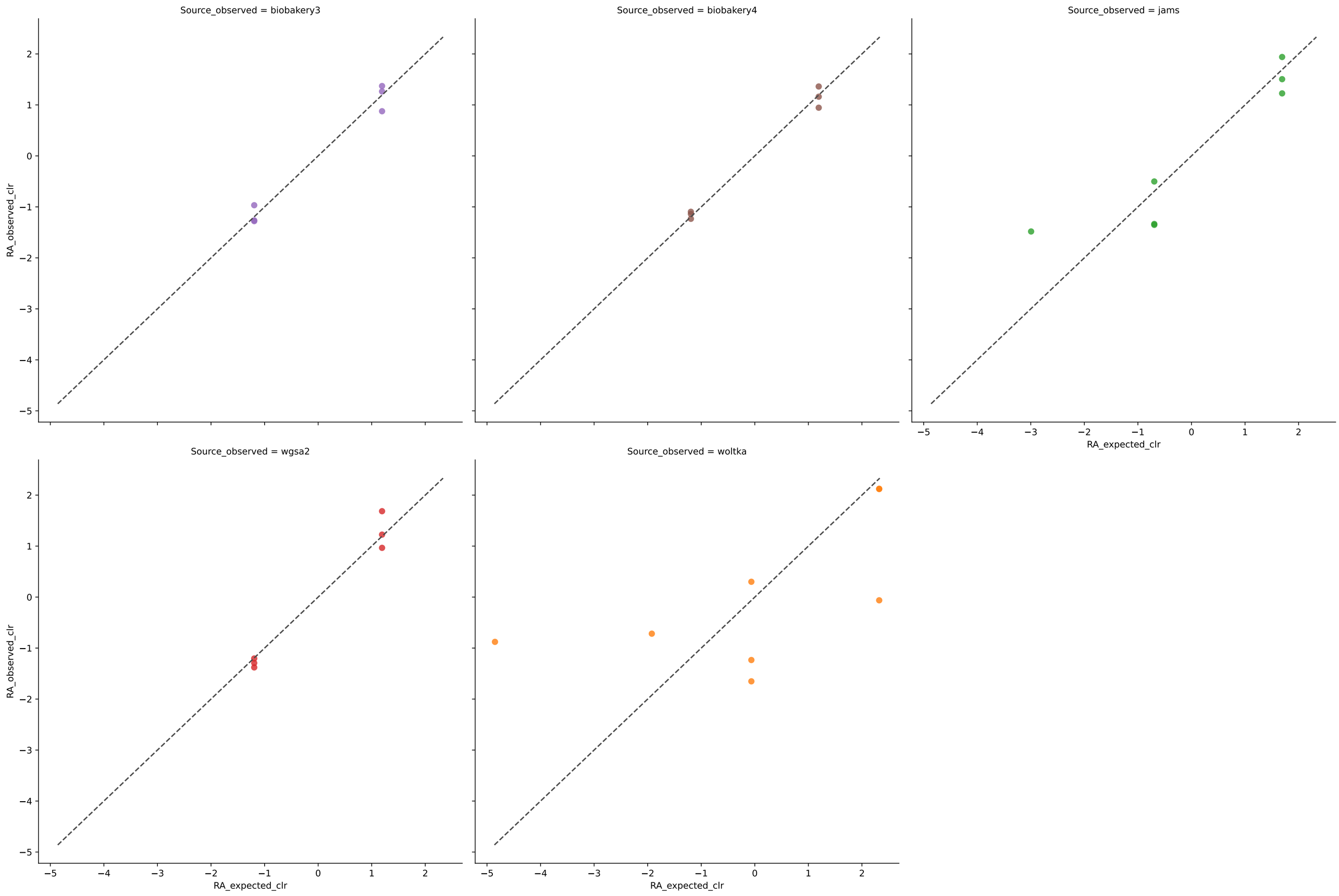


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	7	0.0807	0.0942	6.3425	0.6702	0.1587	83.3333	29.7475
biobakery4	7	0.0222	0.1290	6.2774	0.5484	0.1805	83.3333	32.6949
jams	8	0.2457	0.1014	4.9417	0.5942	0.1327	100.0000	22.4069
wgsa2	7	0.2849	0.1130	4.9264	0.6044	0.1613	100.0000	8.6081
woltka	8	0.0110	0.1120	7.0906	0.5519	0.1737	100.0000	41.9269

Bivariate Linear Regression for Sample MIX-D in Experiment nist (Genus at filter threshold 0.01)

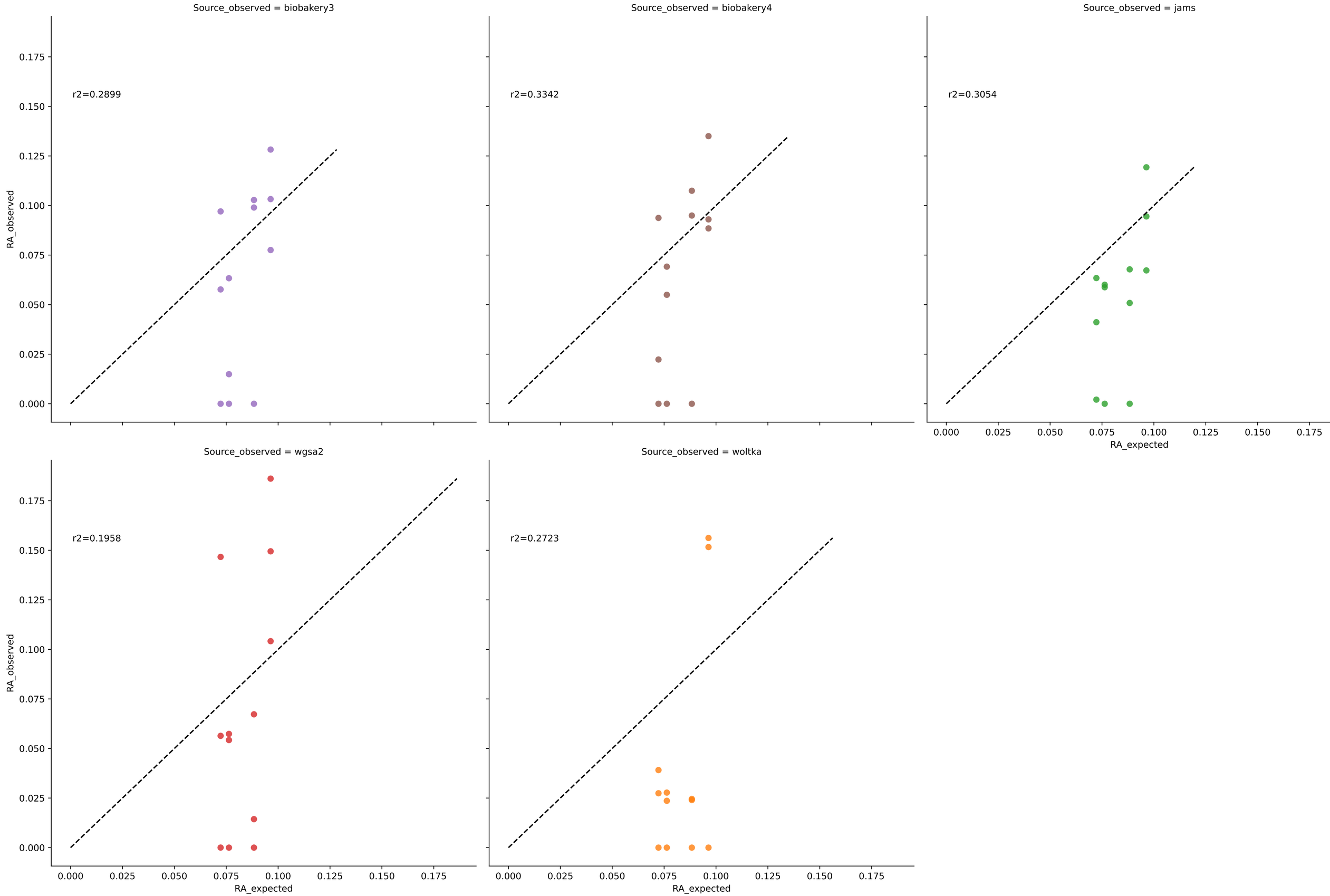


Bivariate Linear Regression for Sample MIX-D in Experiment nist (Genus at filter threshold 0.01)

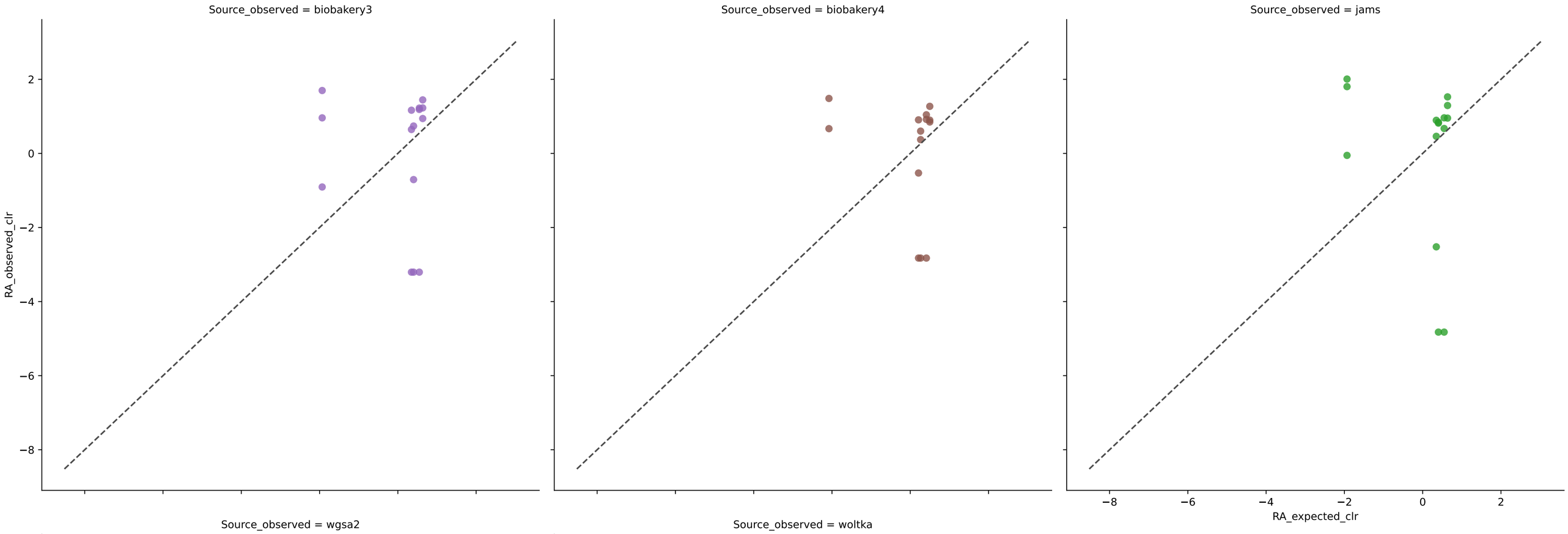


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	6	0.9125	0.0292	0.4479	0.9124	0.0426	100.0000	0.0000
biobakery4	6	0.9348	0.0226	0.3239	0.9322	0.0362	100.0000	0.0000
jams	7	0.8438	0.0420	1.8656	0.8532	0.0606	100.0000	0.0000
wgsa2	6	0.8216	0.0449	0.5821	0.8652	0.0674	100.0000	0.0000
woltka	8	0.5863	0.0725	5.1991	0.7101	0.1070	100.0000	0.0000

Bivariate Linear Regression for Sample EG in Experiment nist (Species at filter threshold 0.01)

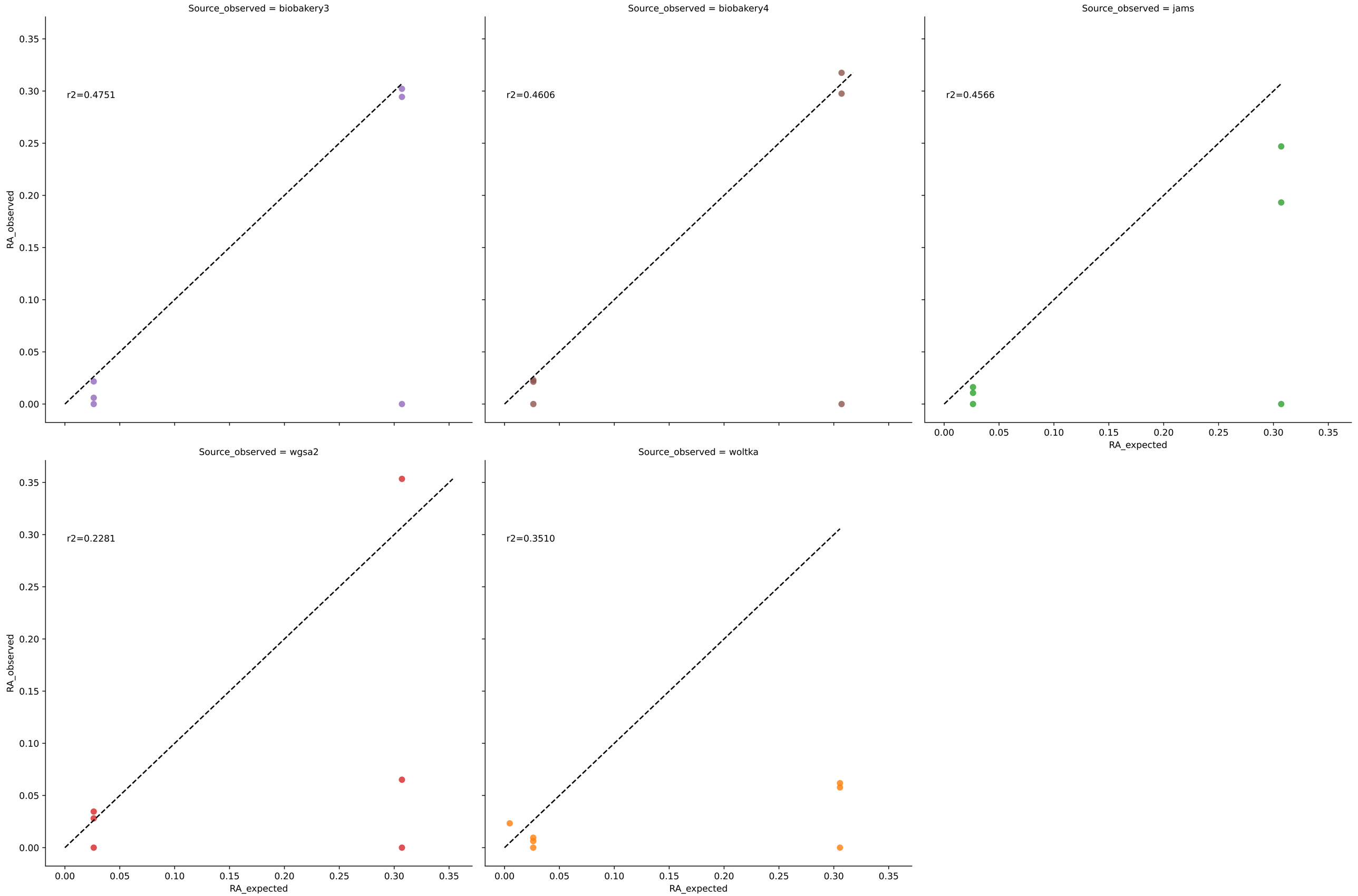


Bivariate Linear Regression for Sample EG in Experiment nist (Species at filter threshold 0.01)

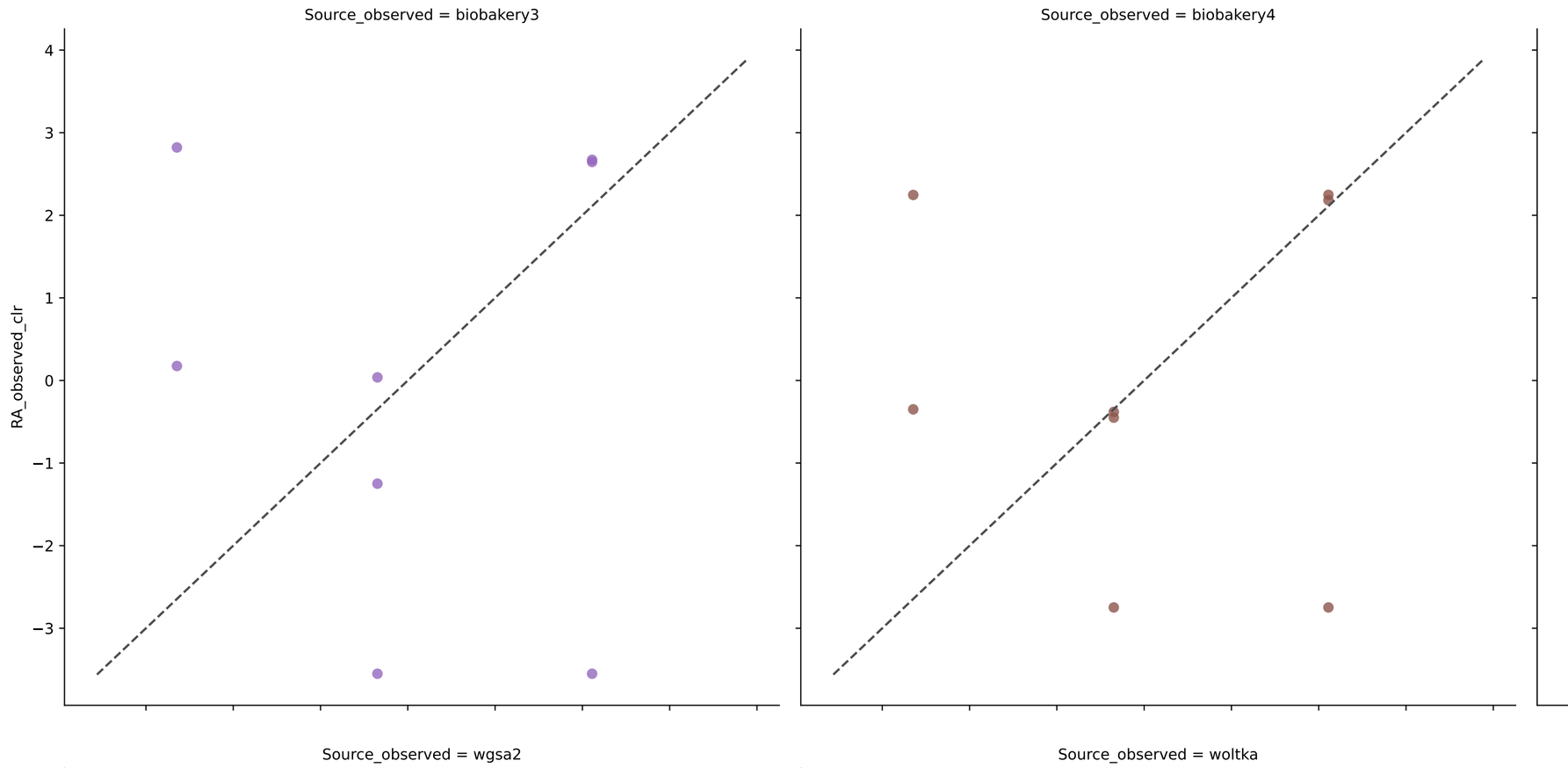


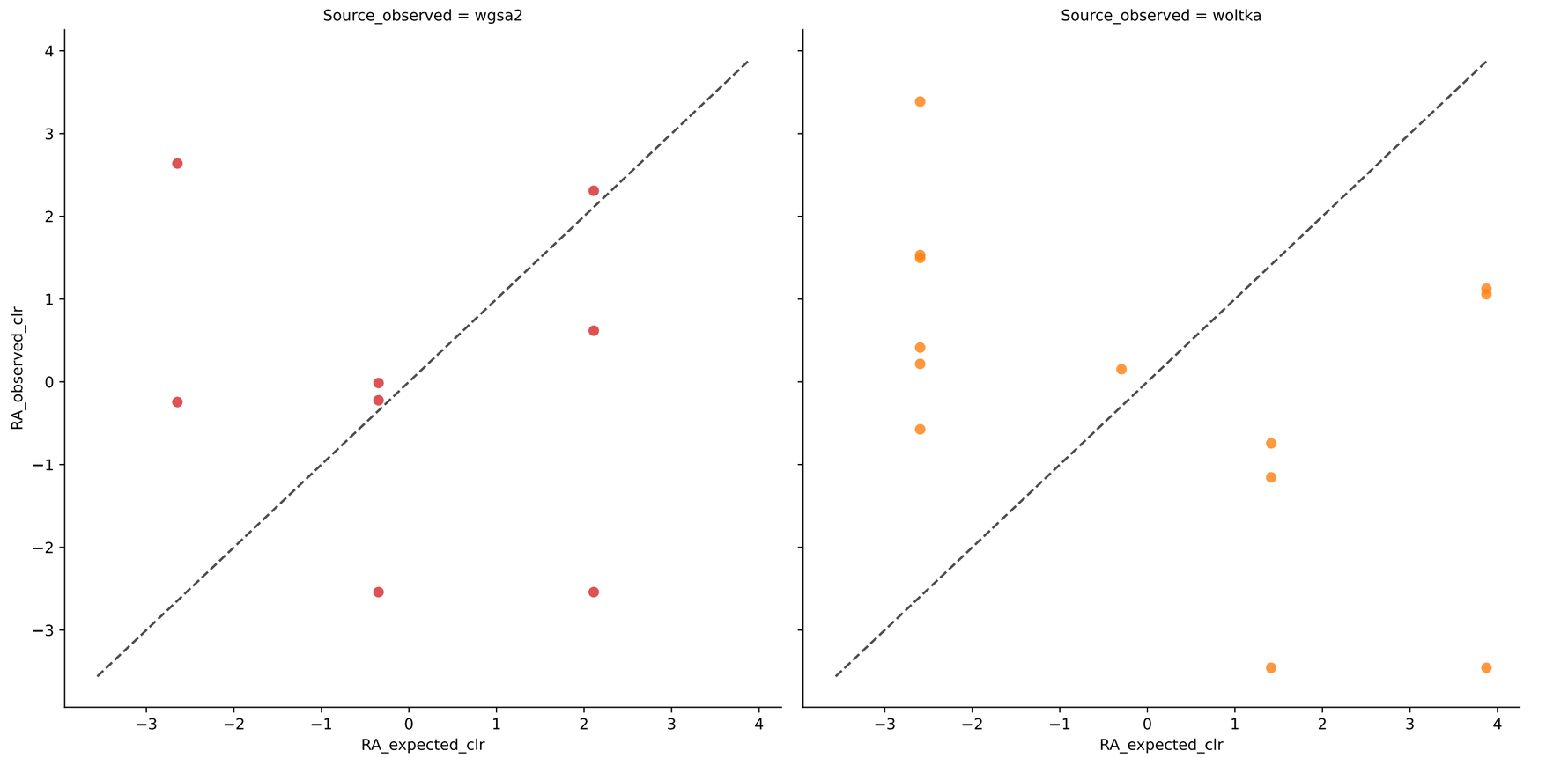
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	15	0.0055	0.0460	8.1482	0.6552	0.0627	75.0000	25.6302
biobakery4	14	0.0603	0.0467	7.2214	0.6733	0.0642	75.0000	24.0974
jams	15	0.1962	0.0530	9.9798	0.6022	0.0757	83.3333	21.7574
wgsa2	14	0.0030	0.0556	16.2868	0.6111	0.0645	83.3333	16.3984
woltka	16	0.1414	0.0801	8.8800	0.3592	0.1084	66.6667	52.5707

Bivariate Linear Regression for Sample MIX-A in Experiment nist (Species at filter threshold 0.01)



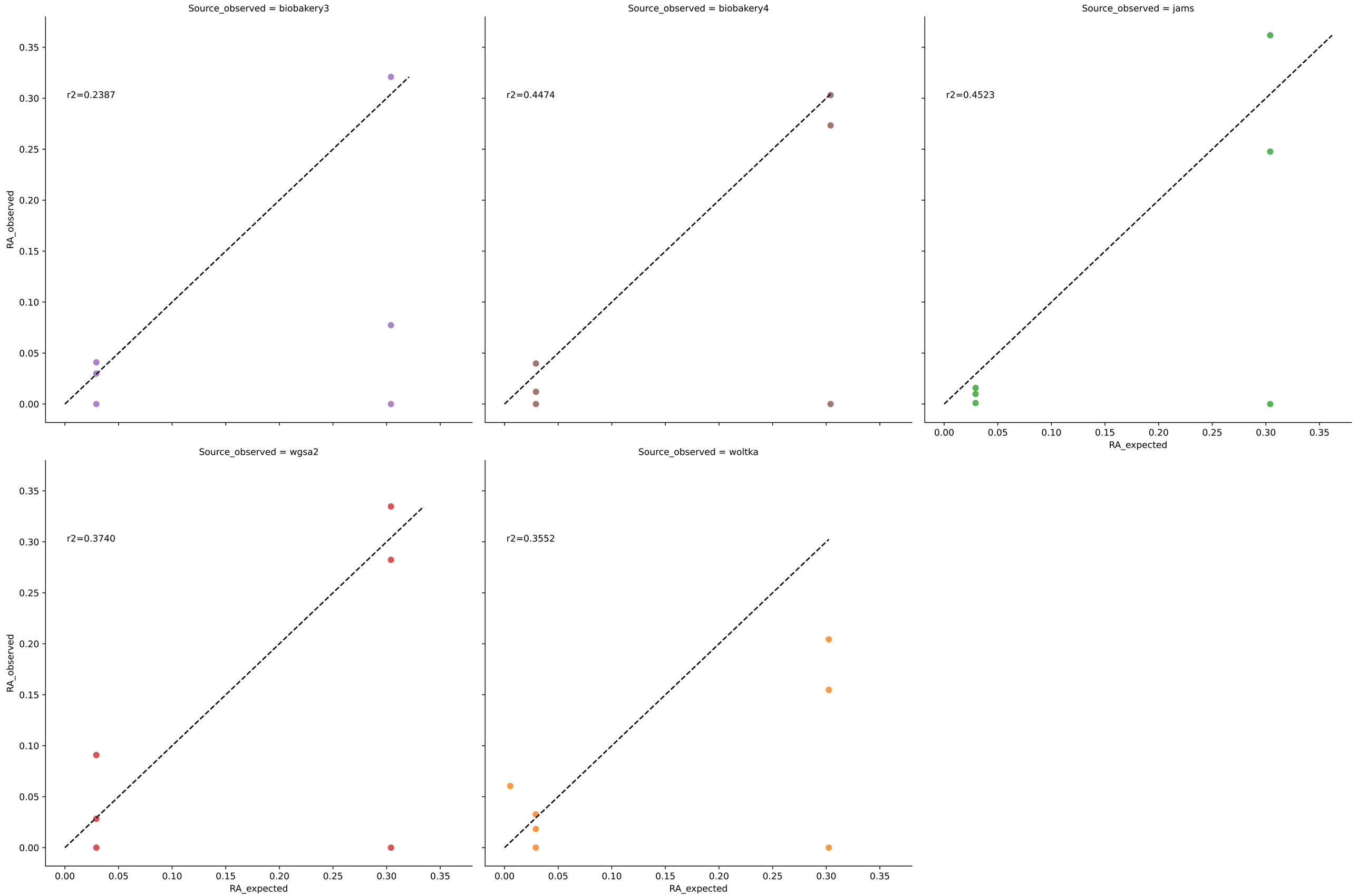
Bivariate Linear Regression for Sample MIX-A in Experiment nist (Species at filter threshold 0.01)



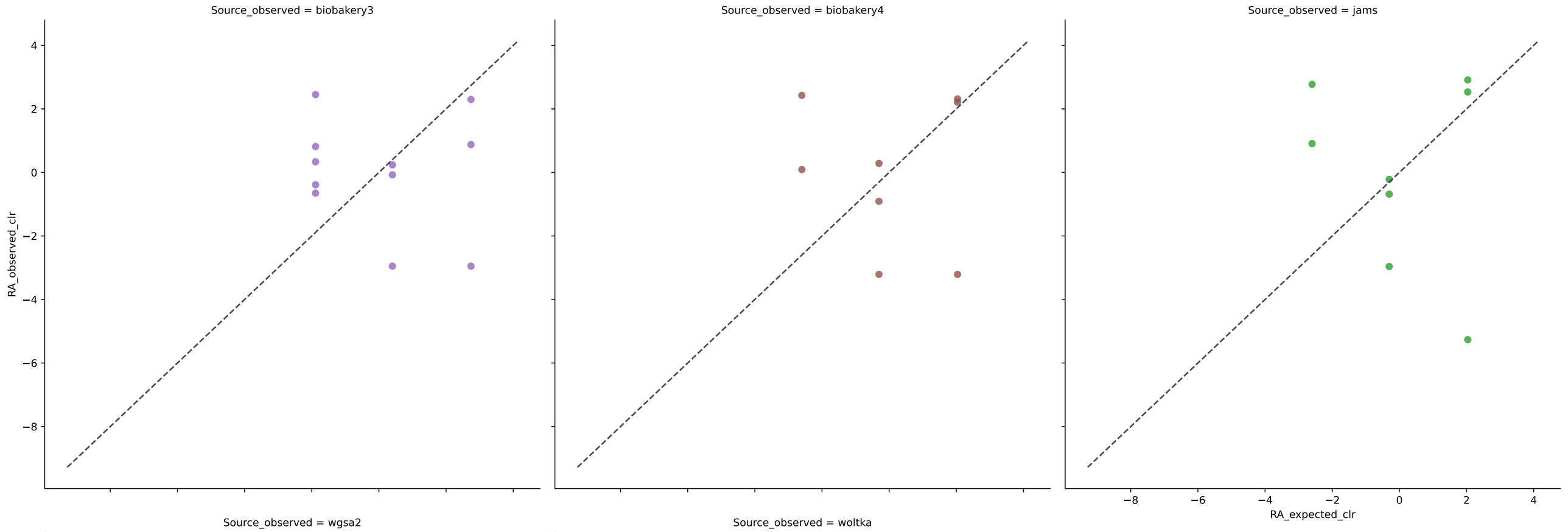


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.1224	0.0940	9.0393	0.6242	0.1656	66.6667	37.5821
biobakery4	8	0.1588	0.0878	7.6554	0.6489	0.1566	66.6667	34.0687
jams	8	0.0034	0.1332	8.7826	0.4670	0.2112	66.6667	49.3277
wgsa2	8	0.0007	0.1438	7.9081	0.4247	0.2230	66.6667	51.8781
woltka	13	0.0258	0.1323	13.9651	0.1401	0.2122	71.4286	84.1320

Bivariate Linear Regression for Sample MIX-B in Experiment nist (Species at filter threshold 0.01)

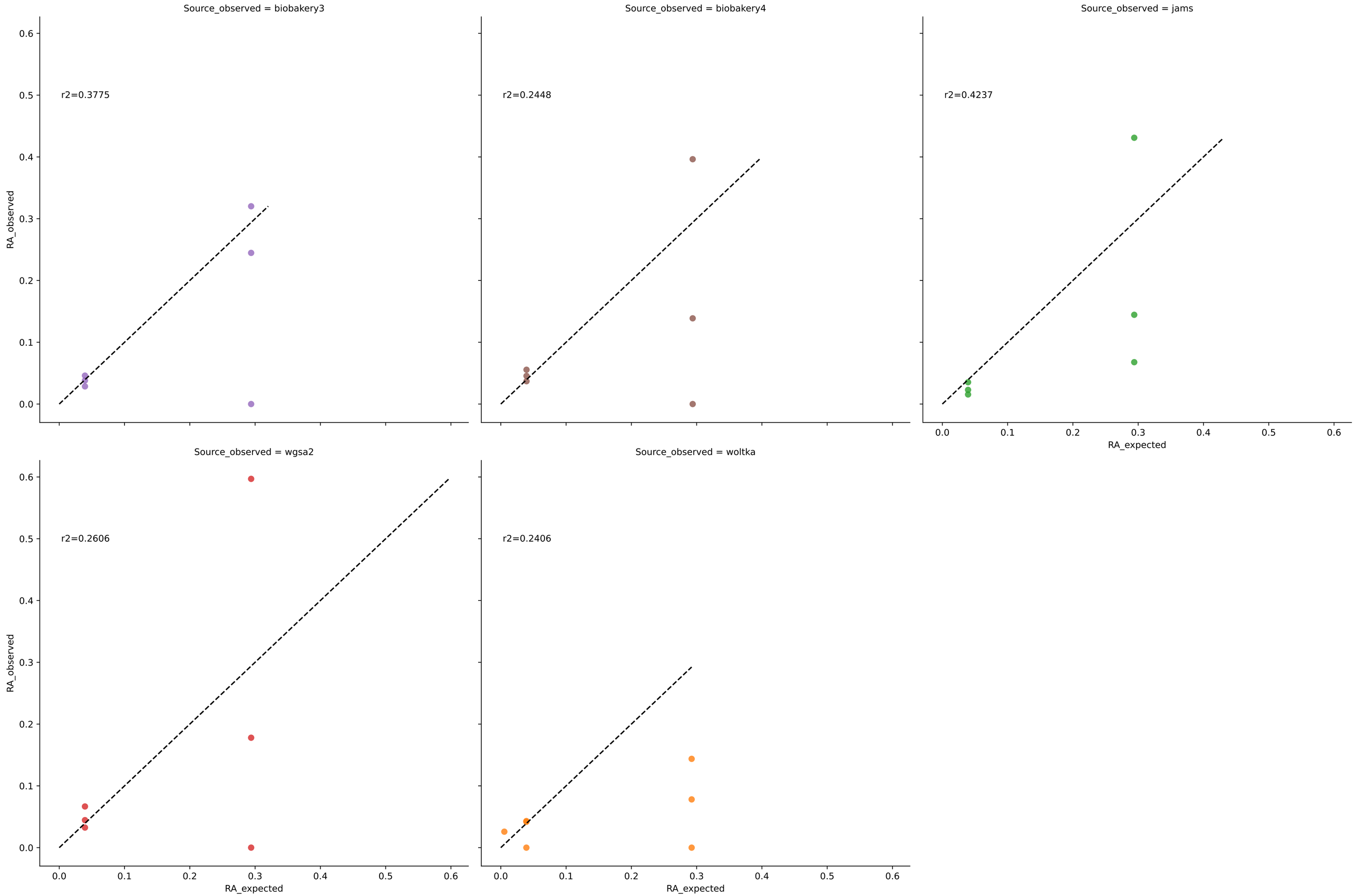


Bivariate Linear Regression for Sample MIX-B in Experiment nist (Species at filter threshold 0.01)

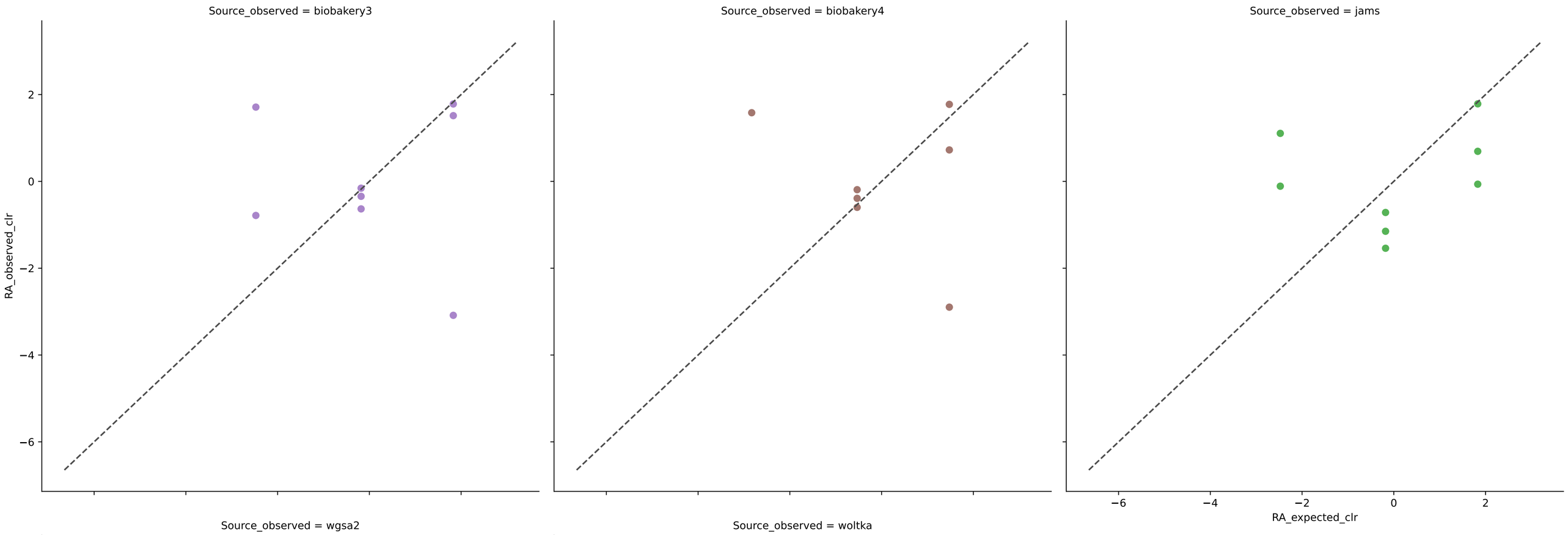


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	11	0.0327	0.1018	9.0769	0.4400	0.1632	66.6667	53.0835
biobakery4	8	0.1087	0.0956	8.3246	0.6178	0.1623	66.6667	37.1751
jams	8	0.1423	0.1054	10.1355	0.5784	0.1589	83.3333	31.5078
wgsa2	7	0.1332	0.1017	15.2930	0.6440	0.1549	83.3333	26.3732
woltka	15	0.1185	0.0784	12.4086	0.4119	0.1154	71.4286	52.9271

Bivariate Linear Regression for Sample MIX-C in Experiment nist (Species at filter threshold 0.01)

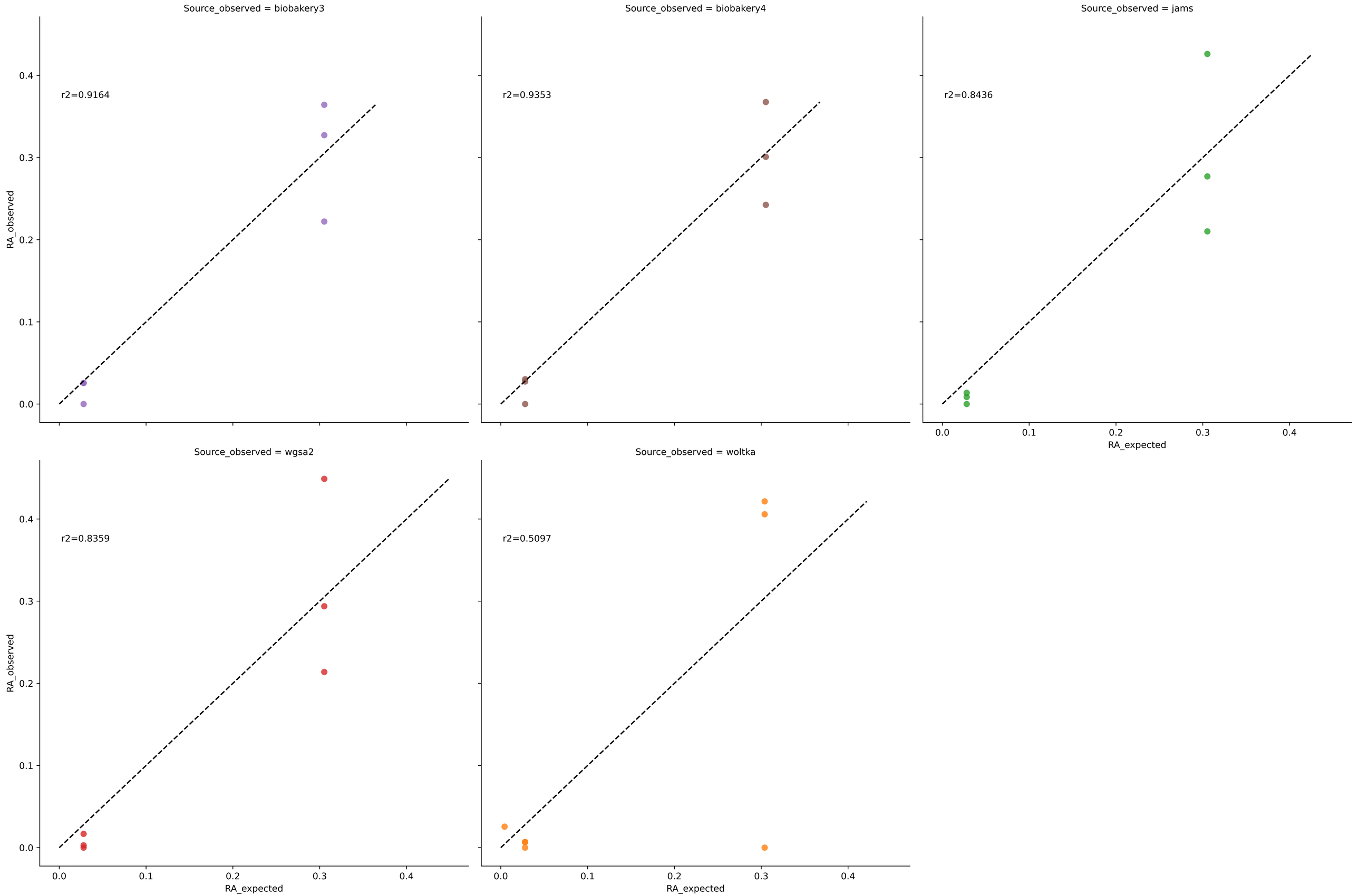


Bivariate Linear Regression for Sample MIX-C in Experiment nist (Species at filter threshold 0.01)

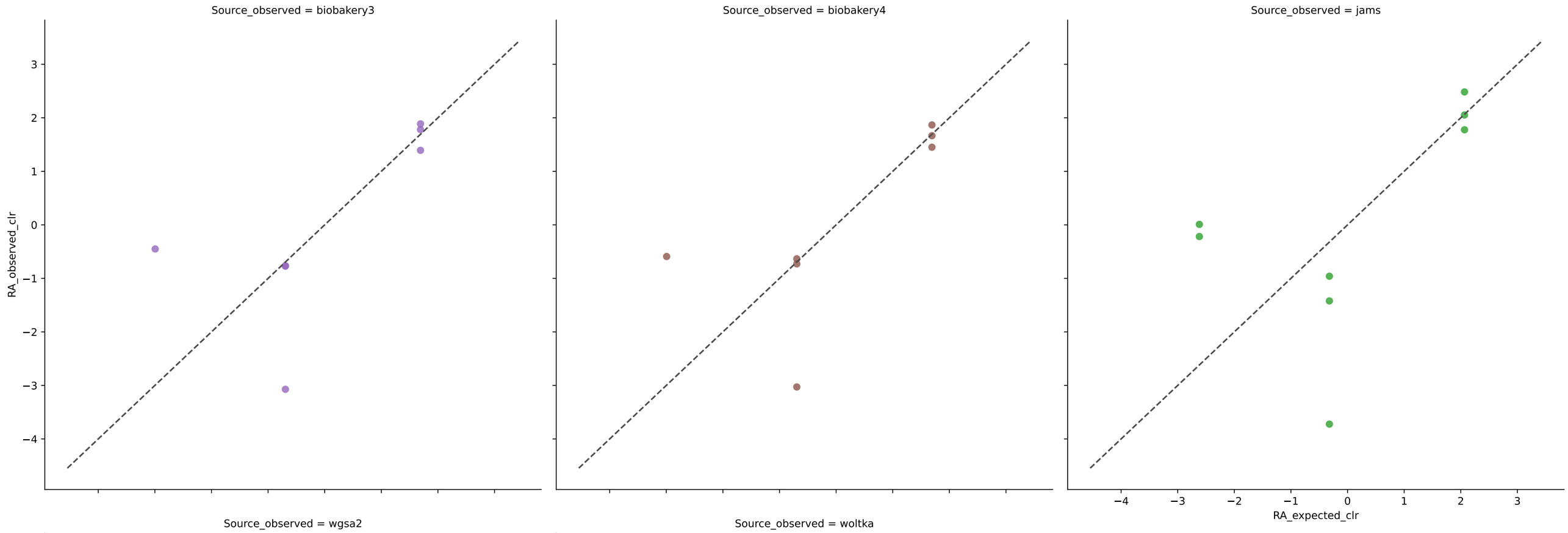


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	8	0.1135	0.0888	6.6980	0.6447	0.1496	83.3333	32.2450
biobakery4	7	0.0222	0.1290	6.2774	0.5484	0.1805	83.3333	32.6949
jams	8	0.2304	0.1050	5.1353	0.5798	0.1347	100.0000	21.8427
wgsa2	7	0.2615	0.1191	9.2081	0.5832	0.1686	100.0000	8.1453
woltka	11	0.0198	0.1263	12.1286	0.3056	0.1827	71.4286	66.7461

Bivariate Linear Regression for Sample MIX-D in Experiment nist (Species at filter threshold 0.01)

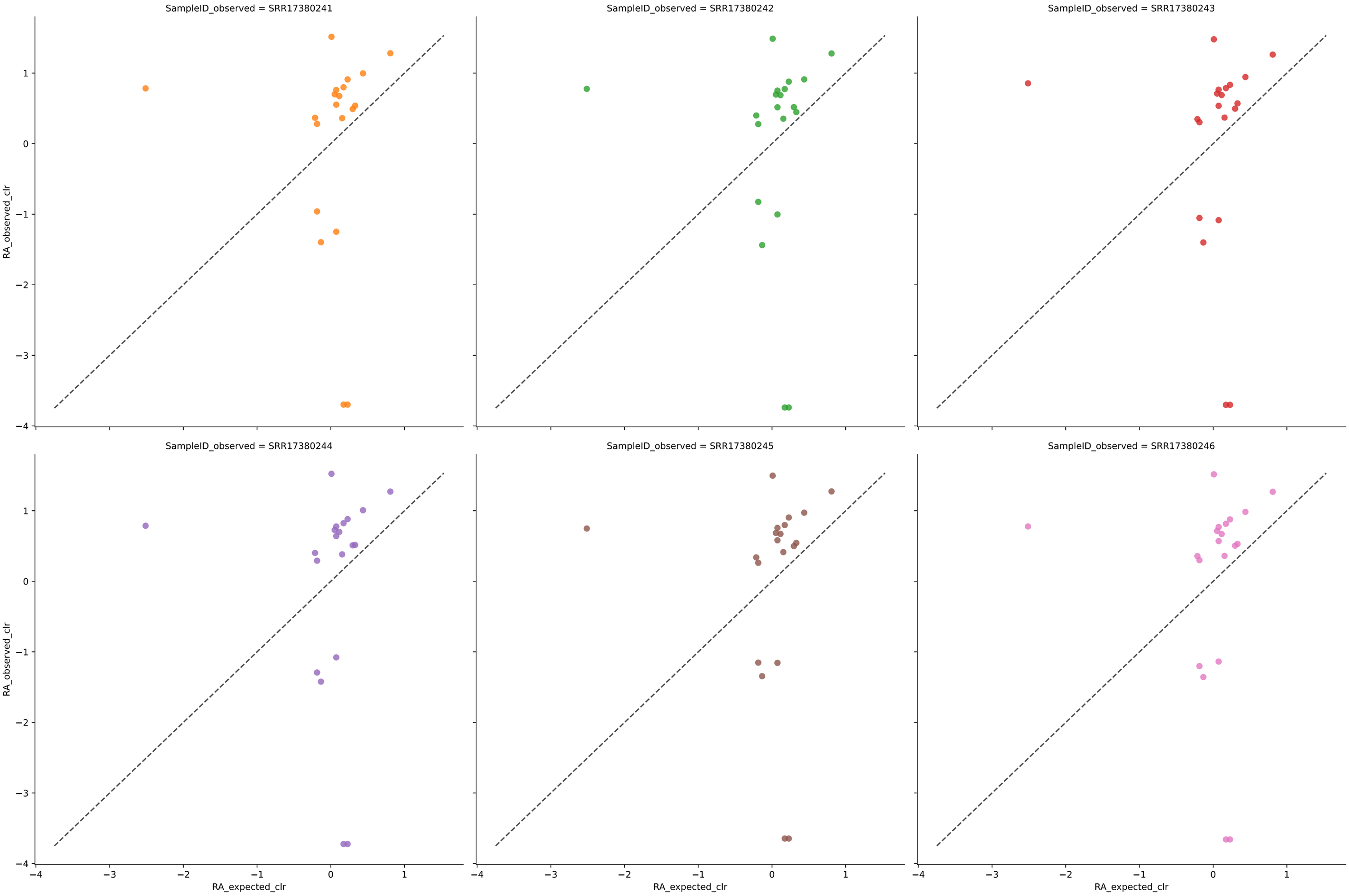


Bivariate Linear Regression for Sample MIX-D in Experiment nist (Species at filter threshold 0.01)



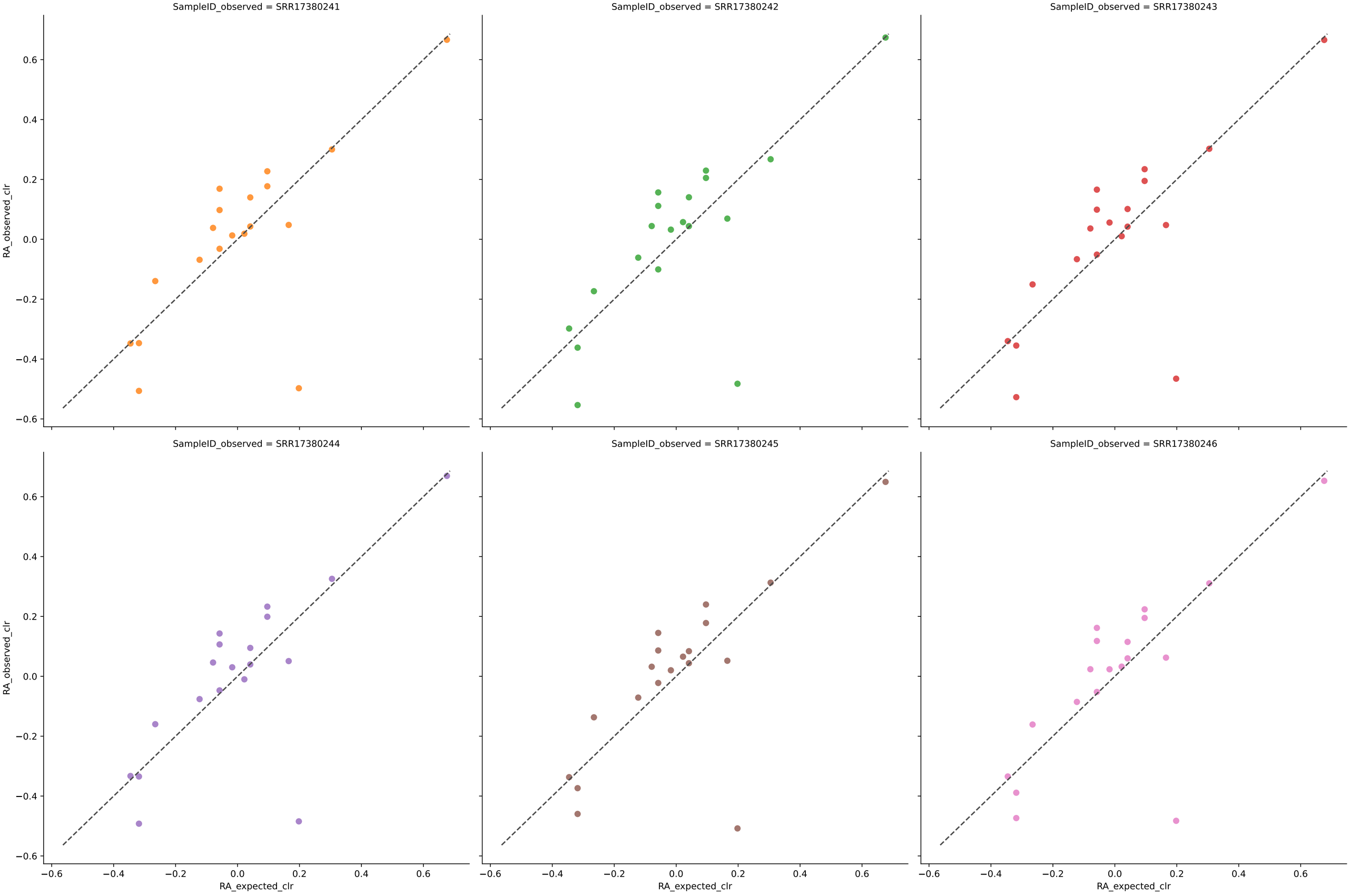
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
biobakery3	7	0.9134	0.0332	3.5027	0.8839	0.0429	83.3333	3.5164
biobakery4	7	0.9335	0.0274	3.3644	0.9041	0.0371	83.3333	3.1485
jams	8	0.8450	0.0463	5.1100	0.8147	0.0591	83.3333	3.5875
wgsa2	7	0.8411	0.0479	5.2459	0.8325	0.0668	83.3333	2.3968
woltka	11	0.5316	0.0680	11.1858	0.6258	0.1067	71.4286	13.3686

Expected vs. Observed Relative Abundance for genus using biobakery3 in Experiment tourlousse with filter 0.01



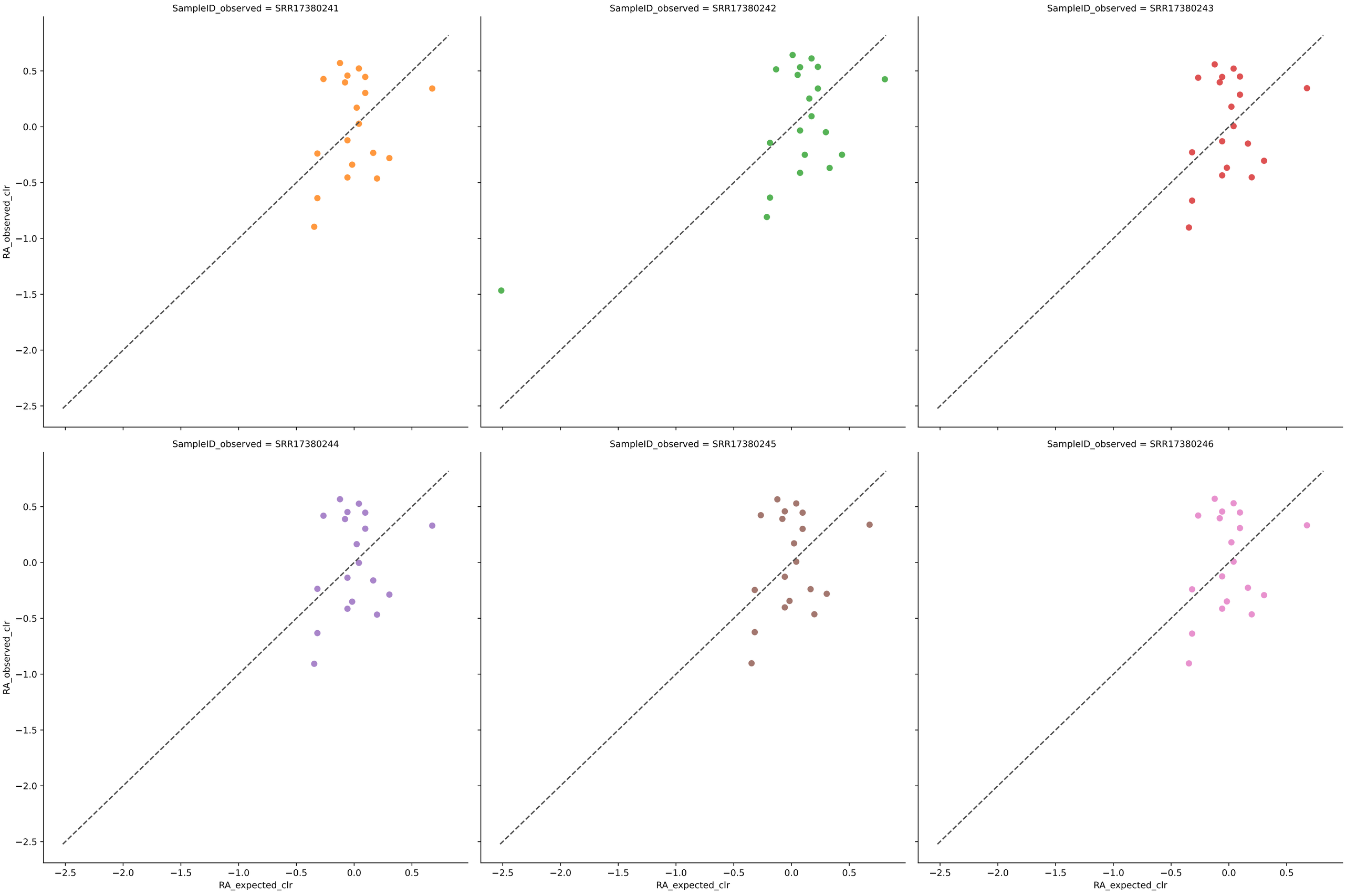
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	20	0.0697	0.0241	7.1397	0.7586	0.0336	89.4737	6.4245
SRR17380242	20	0.0655	0.0239	7.1151	0.7615	0.0333	89.4737	6.4792
SRR17380243	20	0.0568	0.0237	7.1419	0.7628	0.0335	89.4737	6.9590
SRR17380244	20	0.0660	0.0244	7.2061	0.7557	0.0336	89.4737	6.3814
SRR17380245	20	0.0764	0.0238	7.0559	0.7621	0.0332	89.4737	6.2467
SRR17380246	20	0.0677	0.0242	7.0979	0.7581	0.0337	89.4737	6.3996
Average	20	0.0670	0.0240	7.1261	0.7598	0.0335	89.4737	6.4817

Expected vs. Observed Relative Abundance for genus using biobakery4 in Experiment tourlousse with filter 0.01



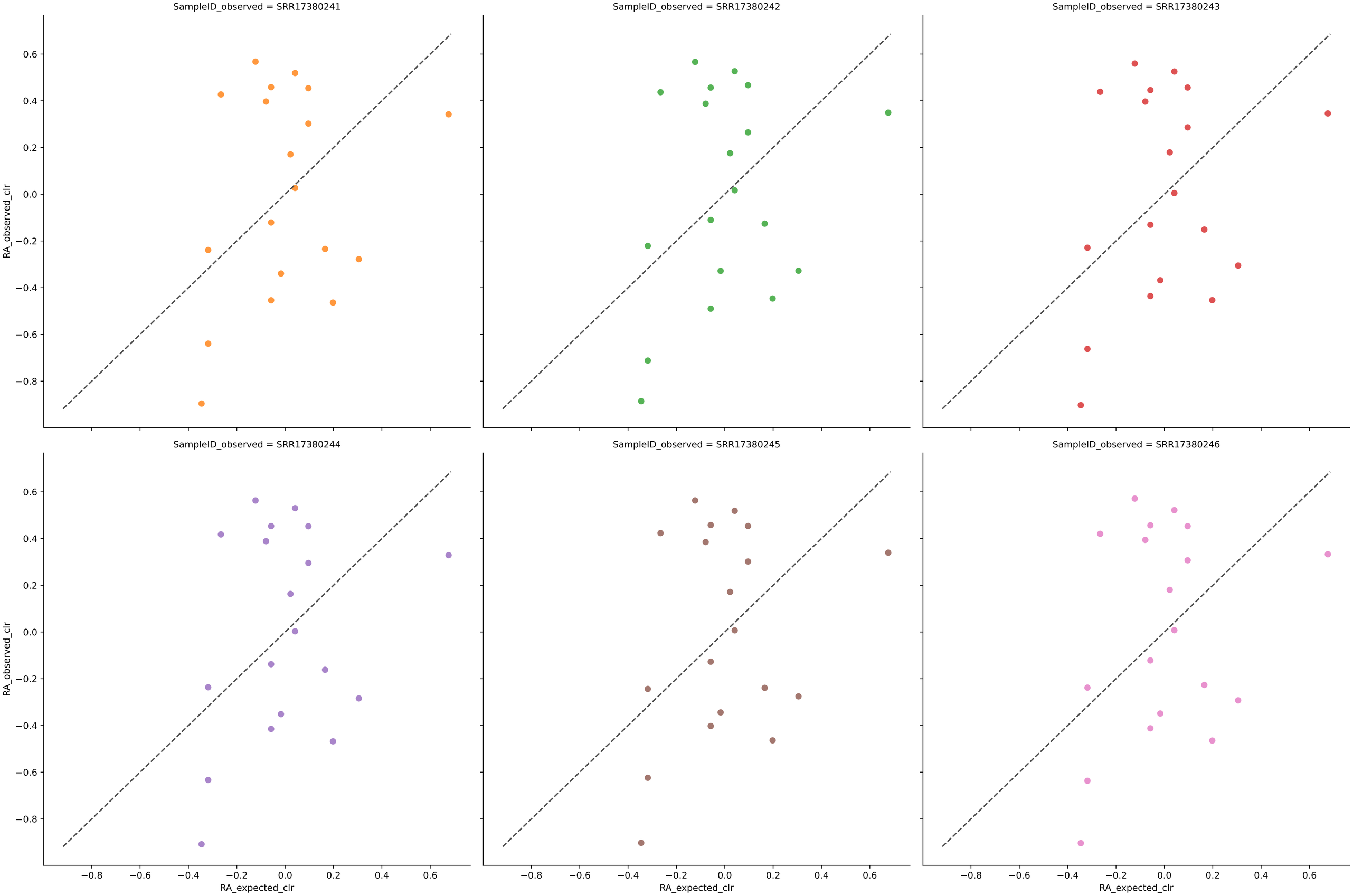
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	19	0.6779	0.0053	0.8227	0.9495	0.0087	100.0000	0.0000
SRR17380242	19	0.6811	0.0057	0.8249	0.9459	0.0087	100.0000	0.0000
SRR17380243	19	0.6885	0.0053	0.8010	0.9494	0.0086	100.0000	0.0000
SRR17380244	19	0.6919	0.0052	0.8012	0.9509	0.0085	100.0000	0.0000
SRR17380245	19	0.6771	0.0052	0.8138	0.9506	0.0086	100.0000	0.0000
SRR17380246	19	0.6850	0.0052	0.7995	0.9511	0.0086	100.0000	0.0000
Average	19	0.6836	0.0053	0.8105	0.9496	0.0086	100.0000	0.0000

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



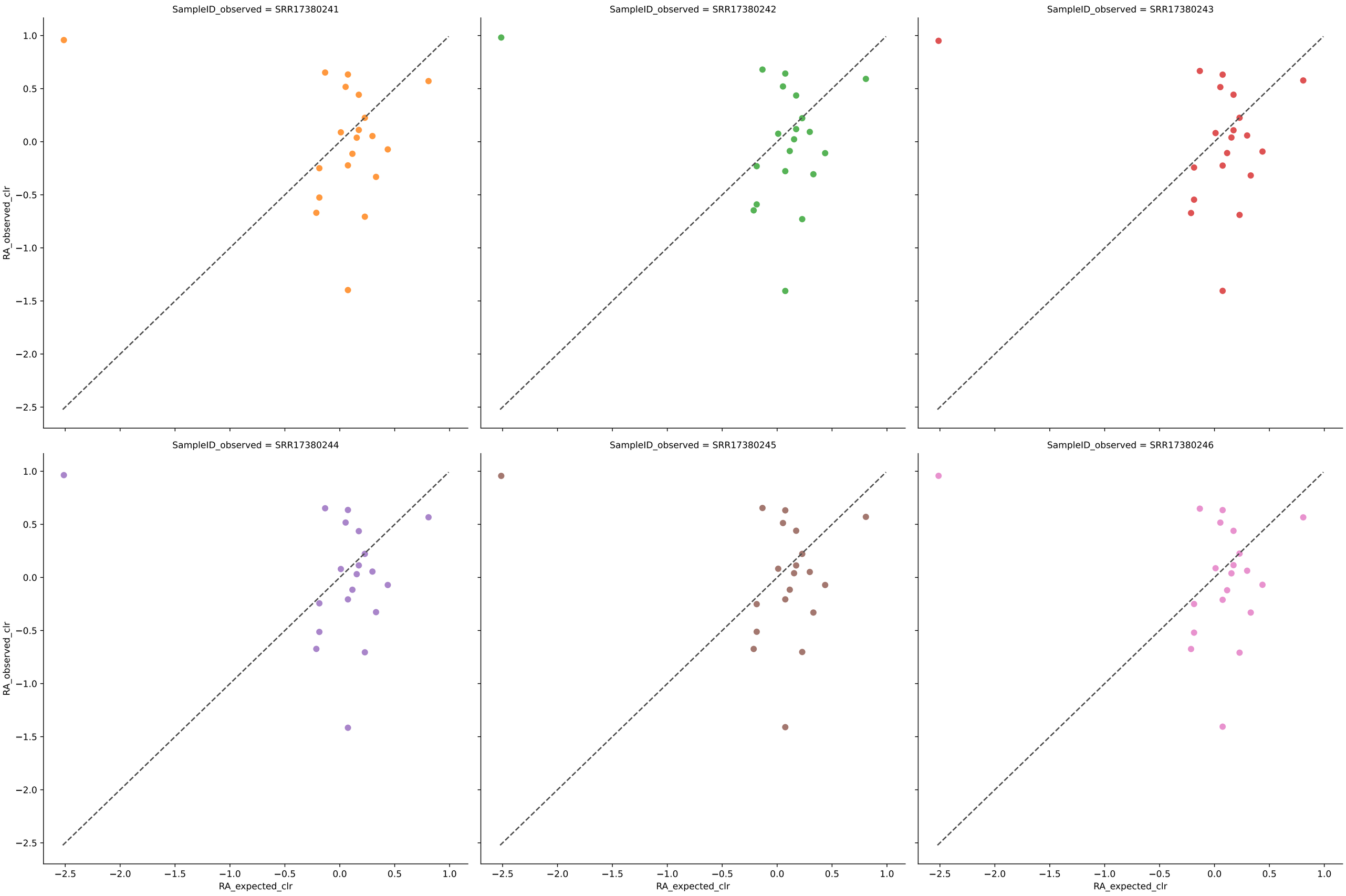
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	19	0.0269	0.0200	1.8972	0.8102	0.0231	100.0000	0.0000
SRR17380242	20	0.1478	0.0193	2.1855	0.8071	0.0224	100.0000	1.0187
SRR17380243	19	0.0288	0.0199	1.8892	0.8108	0.0229	100.0000	0.0000
SRR17380244	19	0.0269	0.0199	1.8784	0.8111	0.0229	100.0000	0.0000
SRR17380245	19	0.0266	0.0199	1.8859	0.8105	0.0230	100.0000	0.0000
SRR17380246	19	0.0253	0.0201	1.8976	0.8092	0.0231	100.0000	0.0000
Average	19	0.0470	0.0198	1.9390	0.8098	0.0229	100.0000	0.1698

Expected vs. Observed Relative Abundance for genus using jams202212 in Experiment tourlousse with filter 0.01



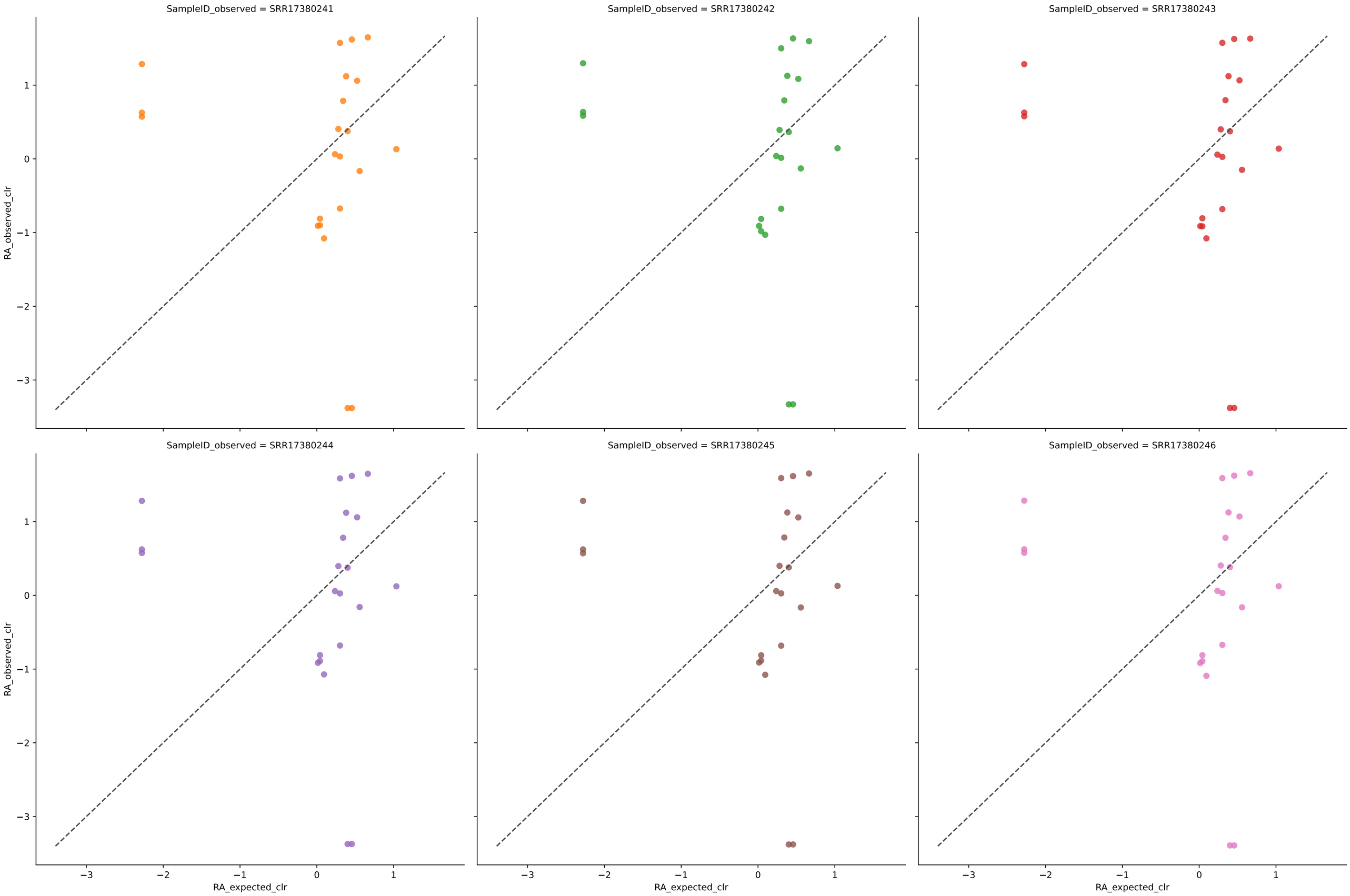
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	19	0.0272	0.0200	1.8962	0.8102	0.0231	100.0000	0.0000
SRR17380242	19	0.0292	0.0199	1.9038	0.8110	0.0230	100.0000	0.0000
SRR17380243	19	0.0288	0.0200	1.8923	0.8104	0.0230	100.0000	0.0000
SRR17380244	19	0.0270	0.0199	1.8790	0.8112	0.0229	100.0000	0.0000
SRR17380245	19	0.0274	0.0199	1.8811	0.8110	0.0230	100.0000	0.0000
SRR17380246	19	0.0253	0.0201	1.8962	0.8093	0.0231	100.0000	0.0000
Average	19	0.0275	0.0199	1.8914	0.8105	0.0230	100.0000	0.0000

Expected vs. Observed Relative Abundance for genus using wgsa2 in Experiment tourlousse with filter 0.01



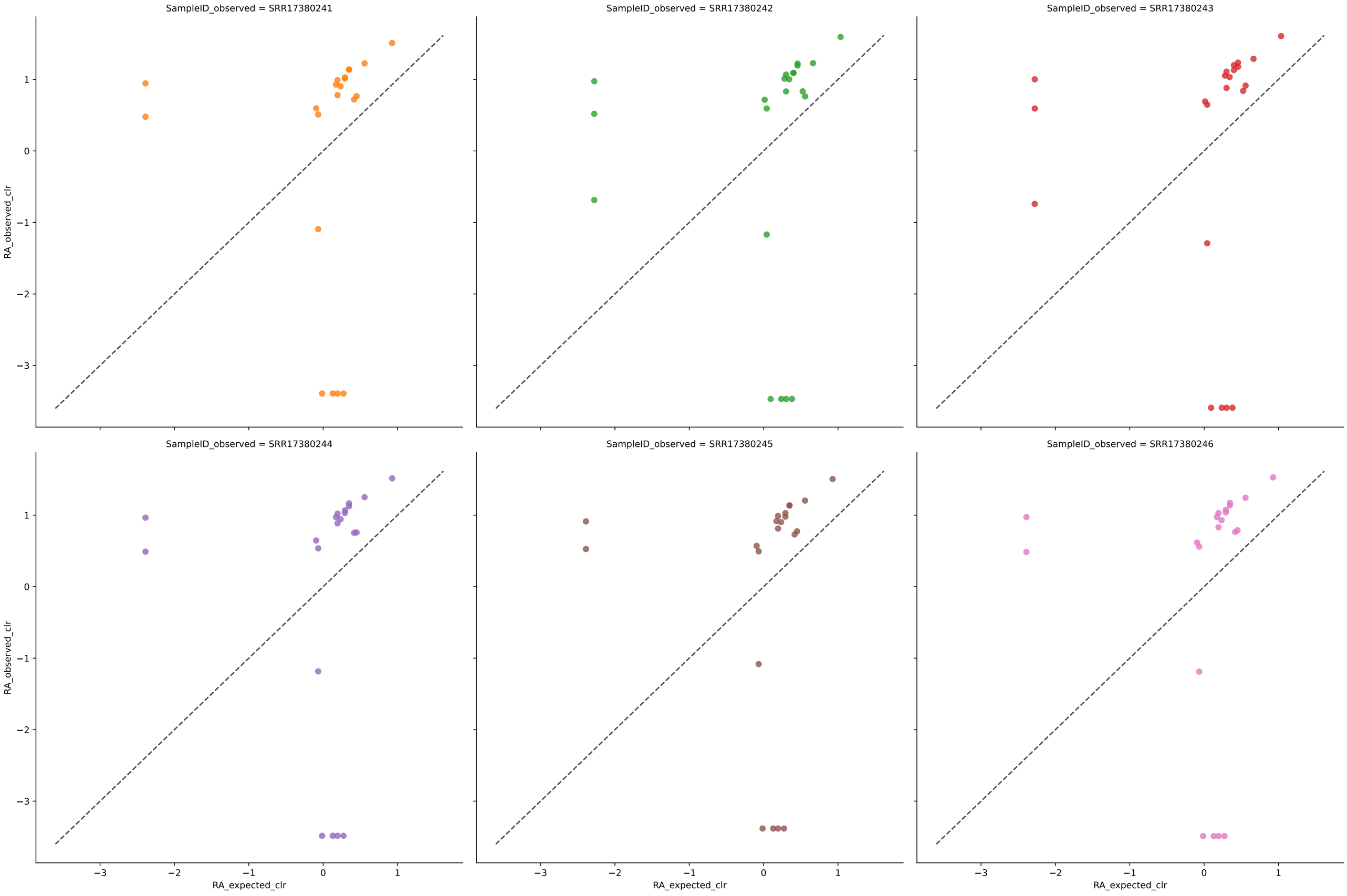
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	20	0.0419	0.0235	4.1953	0.7649	0.0337	100.0000	11.3618
SRR17380242	20	0.0429	0.0238	4.2331	0.7624	0.0343	100.0000	11.5737
SRR17380243	20	0.0396	0.0235	4.1920	0.7651	0.0337	100.0000	11.2782
SRR17380244	20	0.0443	0.0235	4.2043	0.7650	0.0339	100.0000	11.4283
SRR17380245	20	0.0421	0.0234	4.1958	0.7656	0.0337	100.0000	11.3516
SRR17380246	20	0.0425	0.0235	4.1963	0.7654	0.0337	100.0000	11.3584
Average	20	0.0422	0.0235	4.2028	0.7647	0.0338	100.0000	11.3920

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



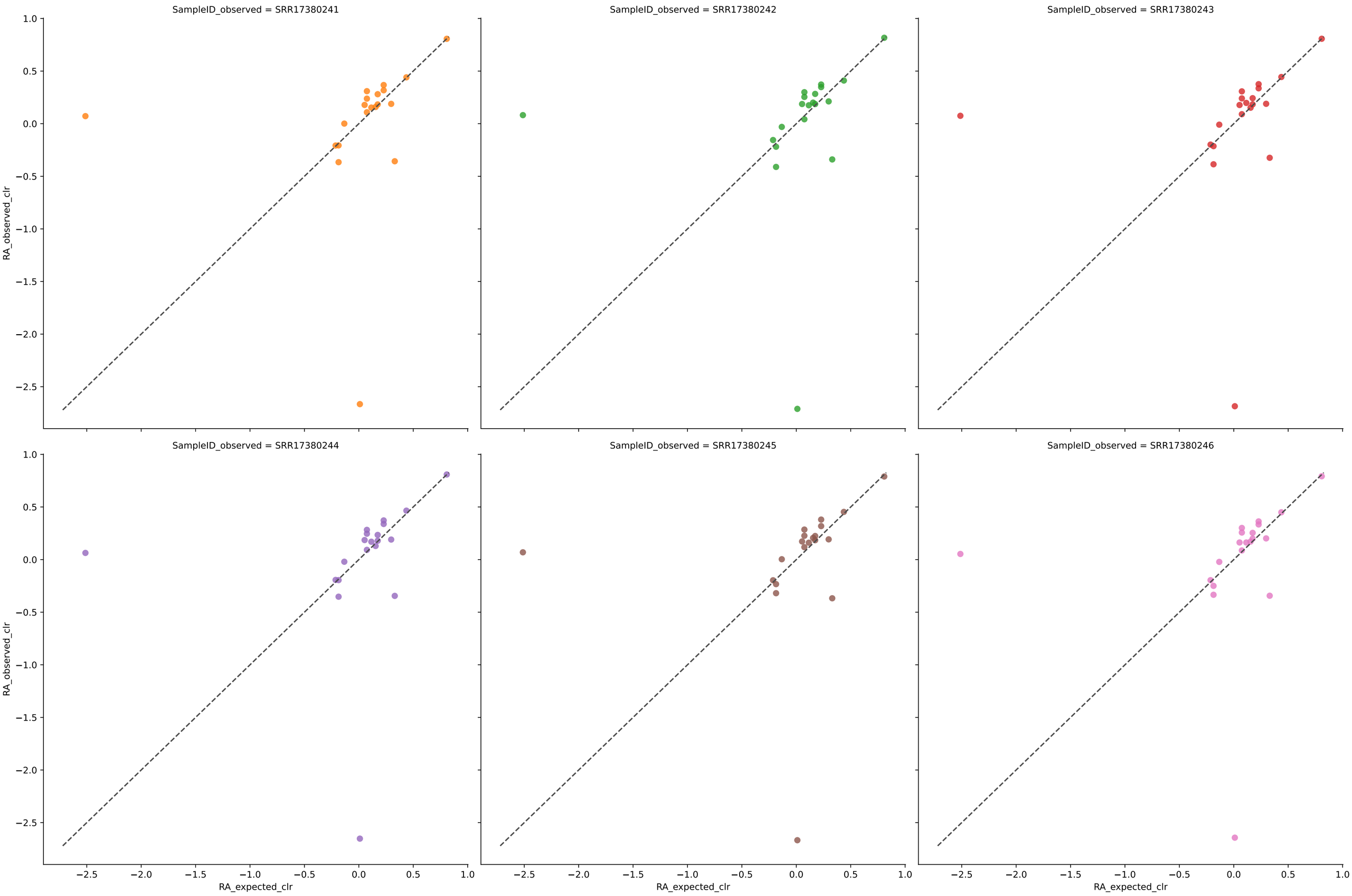
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	22	0.0005	0.0393	8.3354	0.5672	0.0457	89.4737	18.3273
SRR17380242	22	0.0001	0.0393	8.2909	0.5681	0.0453	89.4737	18.7181
SRR17380243	22	0.0004	0.0394	8.3365	0.5670	0.0456	89.4737	18.3461
SRR17380244	22	0.0005	0.0394	8.3293	0.5663	0.0458	89.4737	18.2730
SRR17380245	22	0.0006	0.0394	8.3342	0.5664	0.0458	89.4737	18.2344
SRR17380246	22	0.0005	0.0394	8.3546	0.5661	0.0458	89.4737	18.2470
Average	22	0.0004	0.0394	8.3302	0.5668	0.0457	89.4737	18.3576

Expected vs. Observed Relative Abundance for species using biobakery3 in Experiment tourlousse with filter 0.01



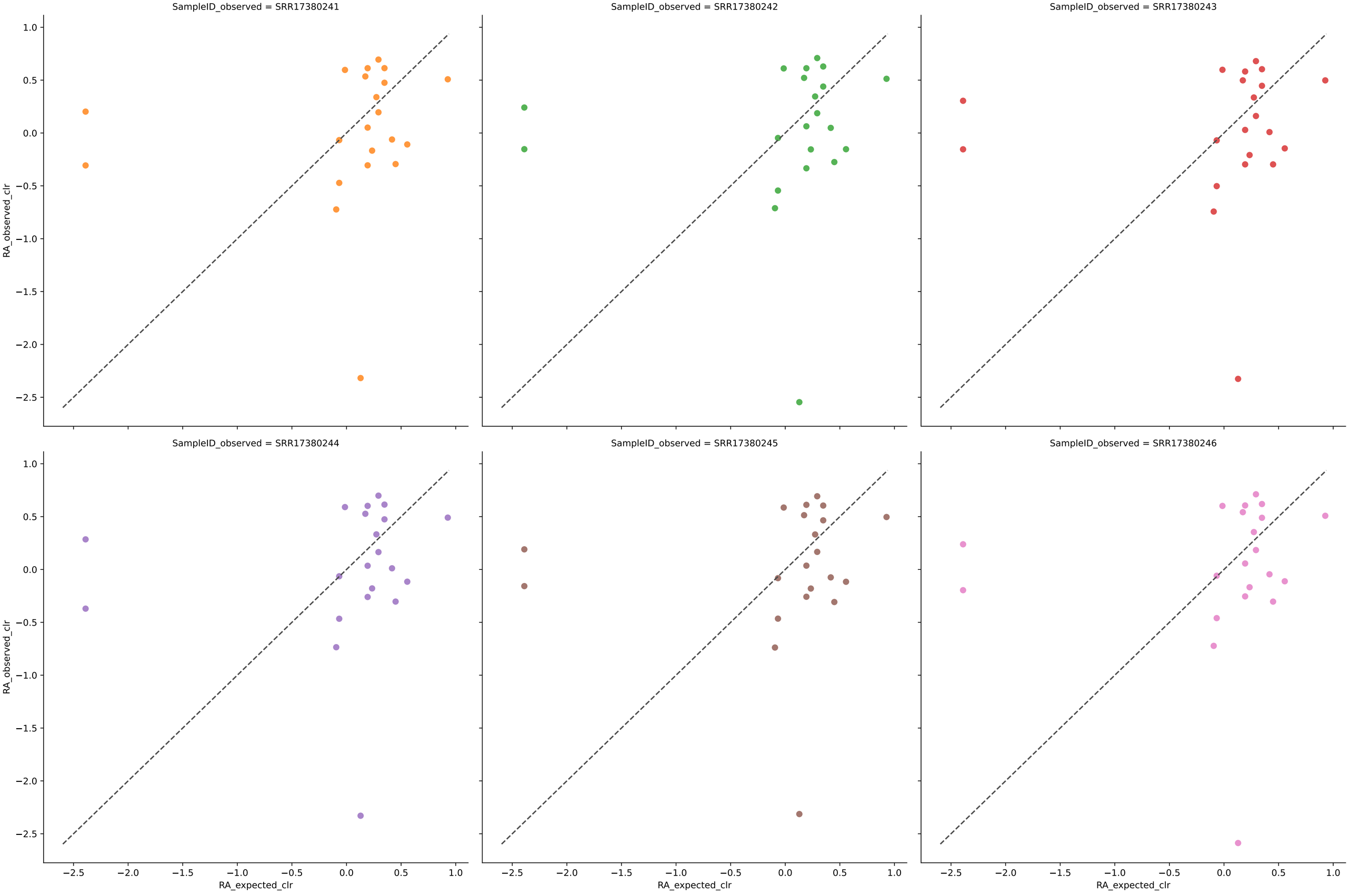
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	21	0.1714	0.0225	8.7530	0.7642	0.0283	78.9474	10.0125
SRR17380242	22	0.2279	0.0217	9.1300	0.7611	0.0274	78.9474	10.7107
SRR17380243	22	0.2280	0.0214	9.4052	0.7642	0.0274	78.9474	10.7016
SRR17380244	21	0.1661	0.0227	8.9555	0.7621	0.0283	78.9474	9.9235
SRR17380245	21	0.1716	0.0223	8.7325	0.7658	0.0282	78.9474	10.0556
SRR17380246	21	0.1700	0.0225	8.9651	0.7638	0.0283	78.9474	9.9389
Average	21	0.1892	0.0222	8.9902	0.7635	0.0280	78.9474	10.2238

Expected vs. Observed Relative Abundance for species using biobakery4 in Experiment tourlousse with filter 0.01



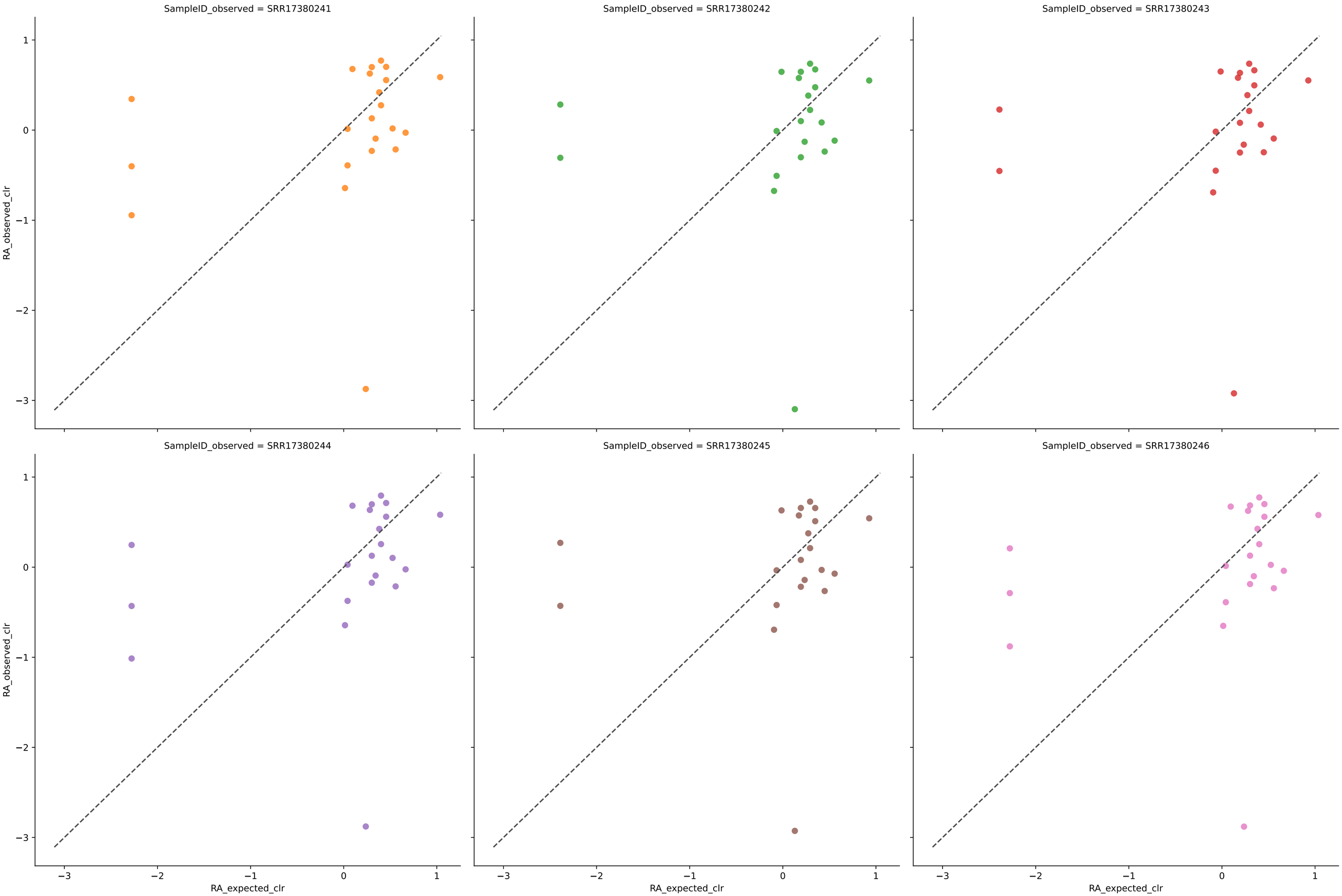
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	20	0.3281	0.0096	3.8092	0.9043	0.0169	94.7368	4.7301
SRR17380242	20	0.3288	0.0099	3.8478	0.9008	0.0170	94.7368	4.7592
SRR17380243	20	0.3319	0.0096	3.8206	0.9042	0.0168	94.7368	4.7396
SRR17380244	20	0.3375	0.0094	3.7895	0.9058	0.0168	94.7368	4.6947
SRR17380245	20	0.3249	0.0095	3.8067	0.9054	0.0169	94.7368	4.7237
SRR17380246	20	0.3355	0.0094	3.7761	0.9059	0.0167	94.7368	4.6524
Average	20	0.3311	0.0096	3.8083	0.9044	0.0168	94.7368	4.7166

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



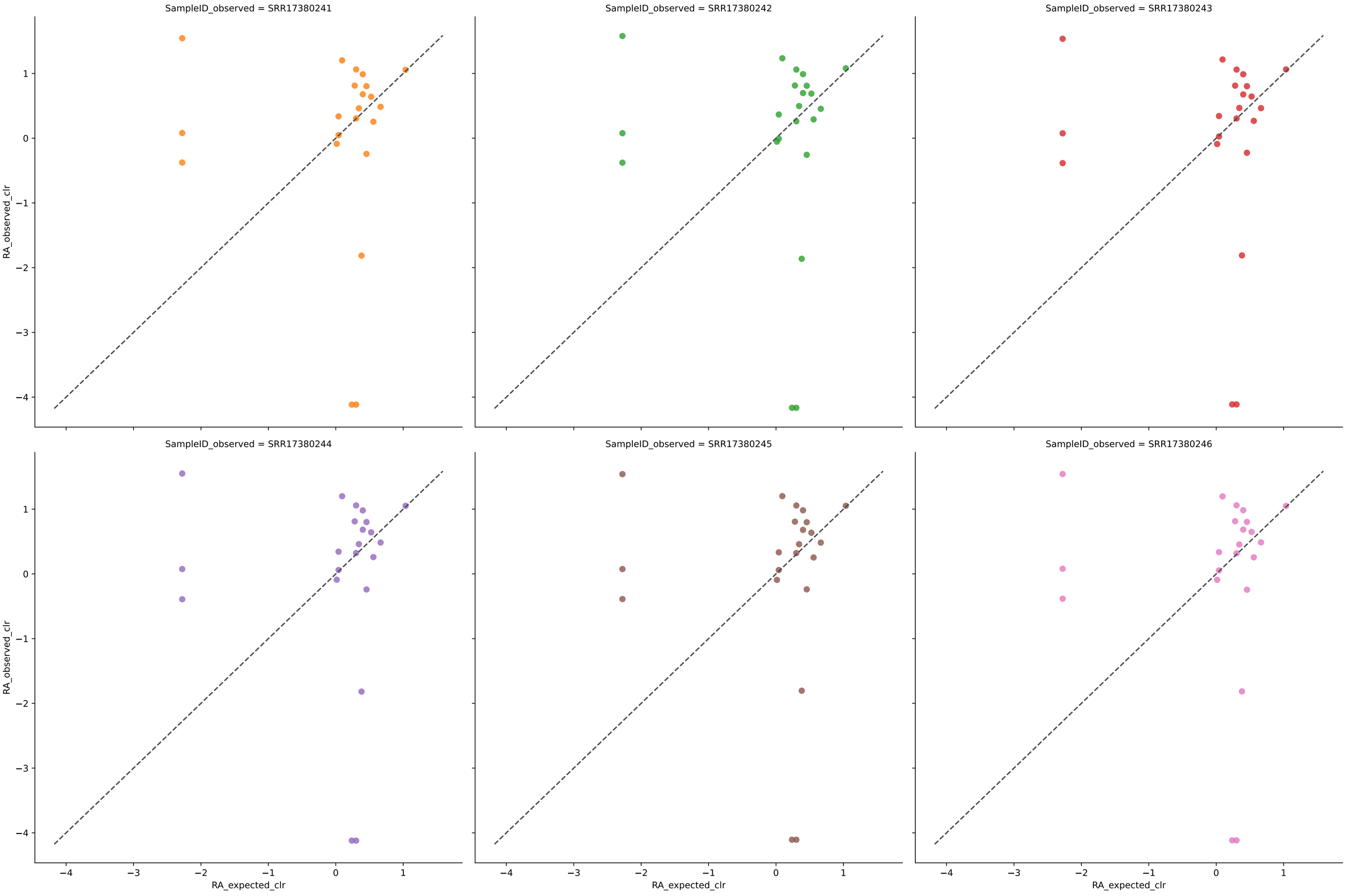
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	21	0.0655	0.0219	4.5139	0.7704	0.0254	100.0000	8.0227
SRR17380242	21	0.0500	0.0221	4.7365	0.7679	0.0258	100.0000	8.6403
SRR17380243	21	0.0398	0.0222	4.6513	0.7671	0.0260	100.0000	9.0848
SRR17380244	21	0.0574	0.0219	4.5329	0.7701	0.0256	100.0000	8.2657
SRR17380245	21	0.0531	0.0220	4.5763	0.7687	0.0256	100.0000	8.4813
SRR17380246	21	0.0521	0.0222	4.7332	0.7672	0.0258	100.0000	8.4725
Average	21	0.0530	0.0220	4.6240	0.7686	0.0257	100.0000	8.4946

Expected vs. Observed Relative Abundance for species using jams202212 in Experiment tourlousse with filter 0.01



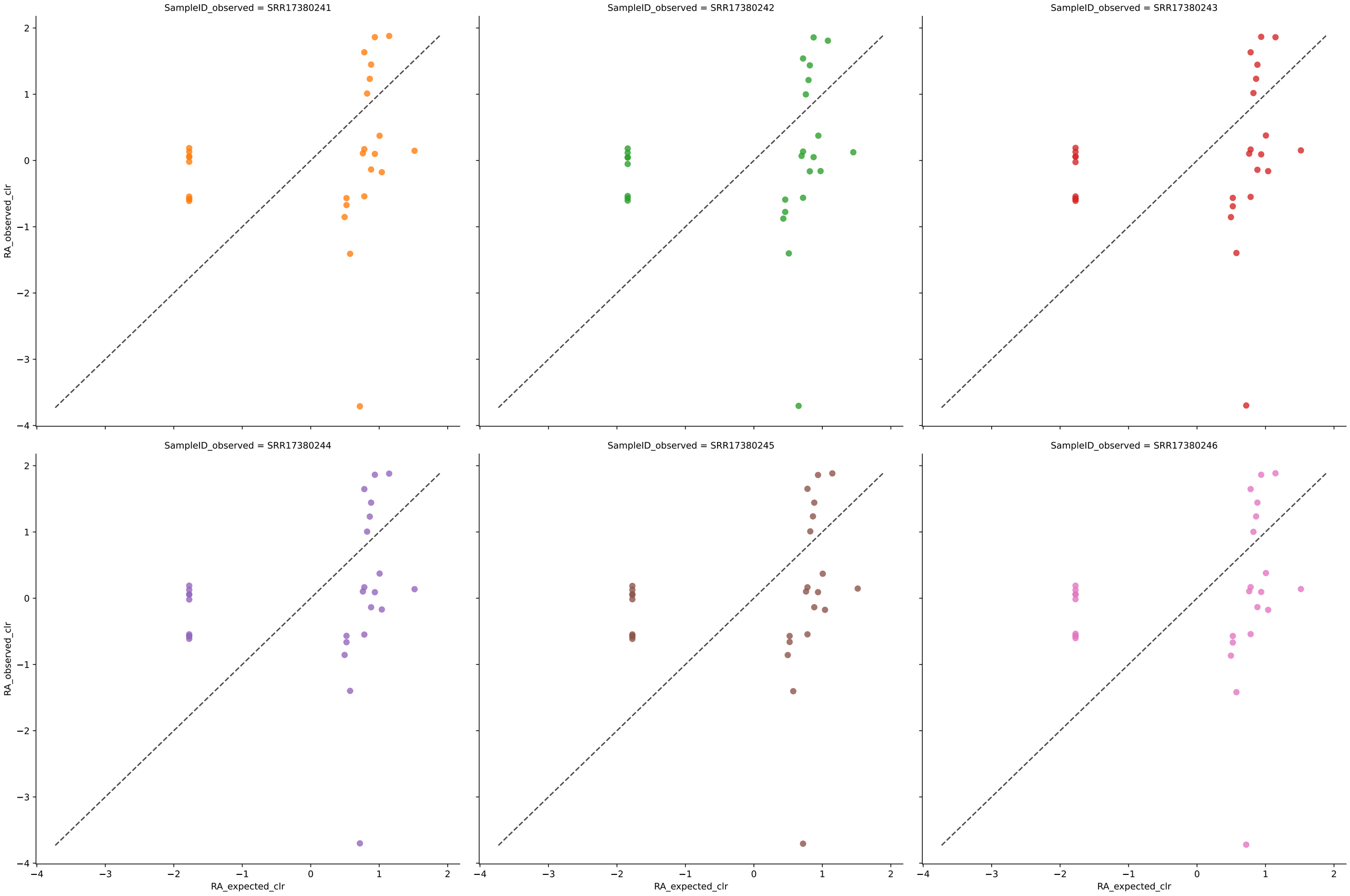
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	22	0.1272	0.0215	5.0351	0.7633	0.0251	100.0000	9.2189
SRR17380242	21	0.0624	0.0220	5.0133	0.7685	0.0258	100.0000	8.1194
SRR17380243	21	0.0802	0.0218	4.8054	0.7711	0.0253	100.0000	7.4910
SRR17380244	22	0.1493	0.0212	4.9468	0.7667	0.0246	100.0000	8.5360
SRR17380245	21	0.0701	0.0219	4.8407	0.7698	0.0255	100.0000	7.7753
SRR17380246	22	0.1365	0.0215	5.0317	0.7638	0.0248	100.0000	8.9899
Average	22	0.1043	0.0217	4.9455	0.7672	0.0252	100.0000	8.3551

Expected vs. Observed Relative Abundance for species using wgsa2 in Experiment tourlousse with filter 0.01



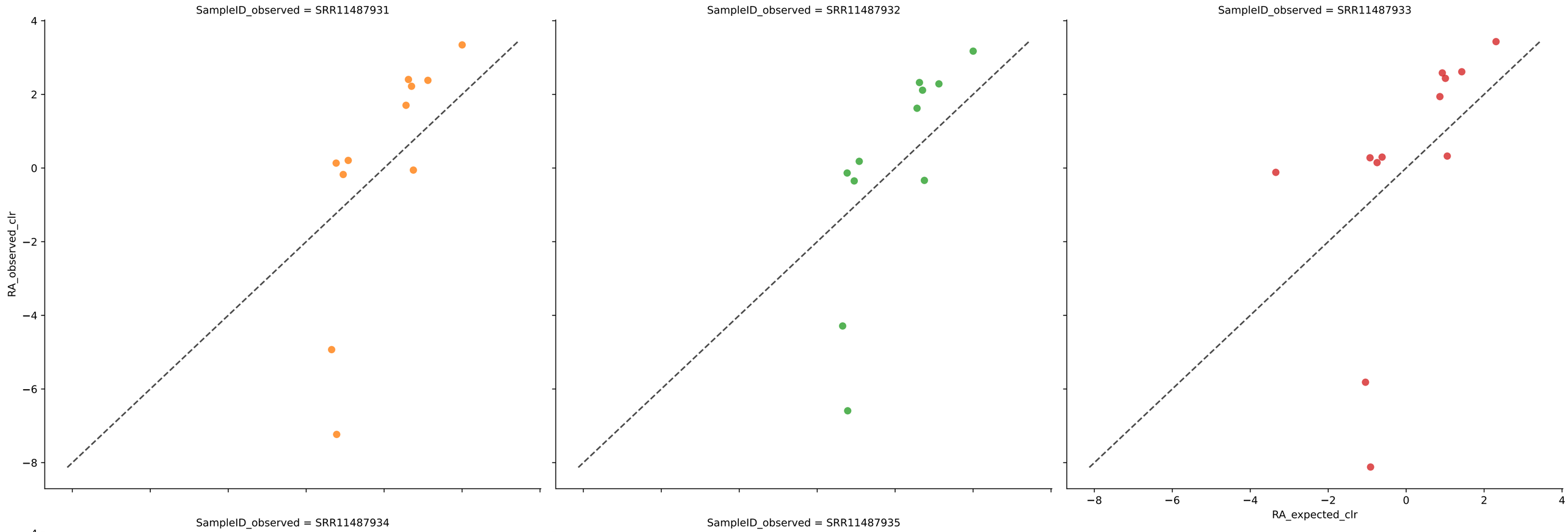
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	22	0.0001	0.0270	8.3915	0.7028	0.0380	89.4737	17.5554
SRR17380242	22	0.0001	0.0272	8.4789	0.7011	0.0385	89.4737	17.7514
SRR17380243	22	0.0000	0.0270	8.3813	0.7030	0.0379	89.4737	17.4234
SRR17380244	22	0.0001	0.0270	8.3945	0.7034	0.0381	89.4737	17.5877
SRR17380245	22	0.0000	0.0269	8.3720	0.7038	0.0380	89.4737	17.5147
SRR17380246	22	0.0001	0.0270	8.3900	0.7033	0.0380	89.4737	17.5396
Average	22	0.0001	0.0270	8.4014	0.7029	0.0381	89.4737	17.5620

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



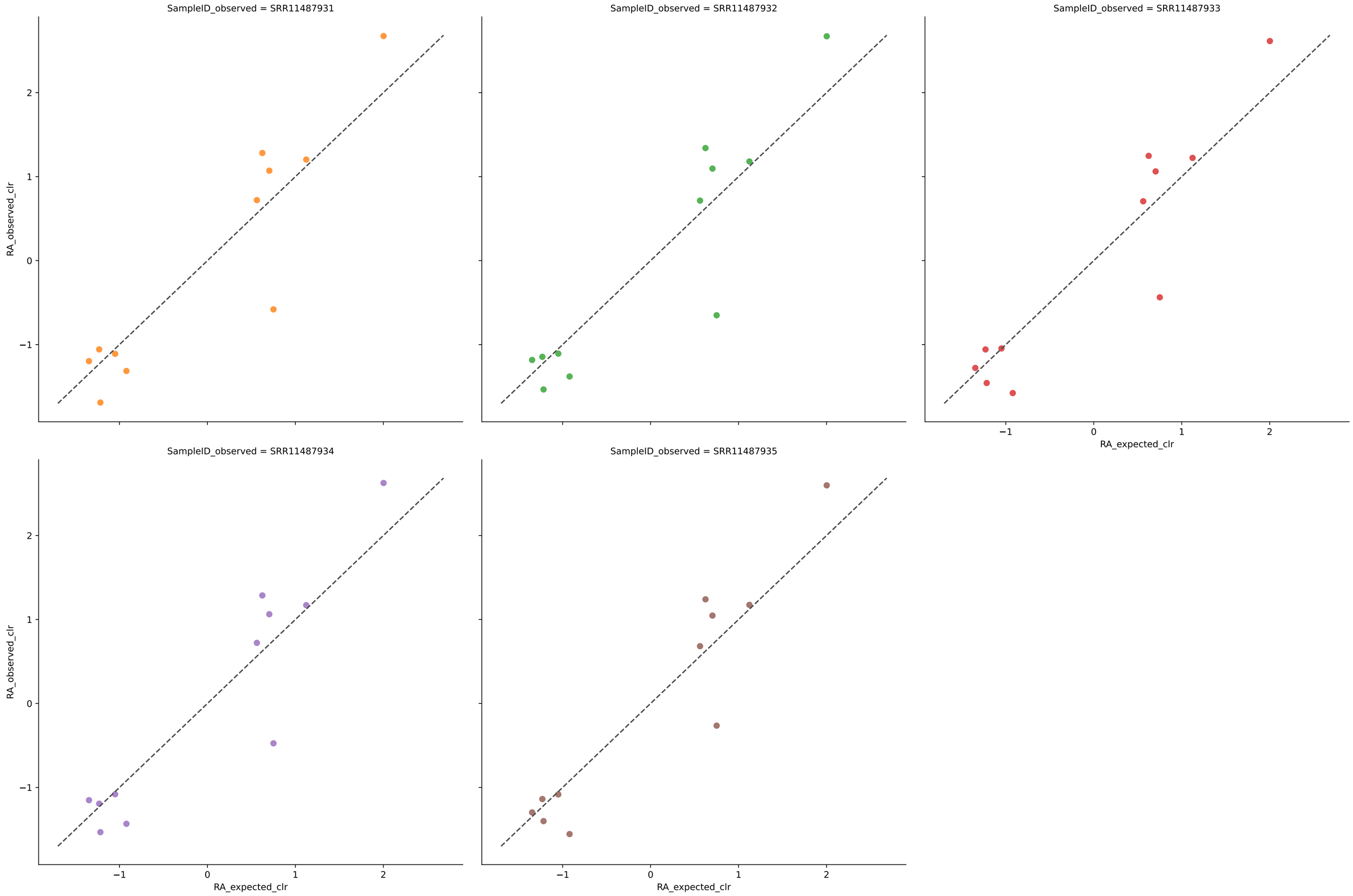
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR17380241	28	0.1472	0.0324	7.8512	0.5465	0.0376	94.7368	16.6145
SRR17380242	27	0.1341	0.0333	7.7651	0.5504	0.0383	94.7368	15.9330
SRR17380243	28	0.1470	0.0324	7.8427	0.5468	0.0375	94.7368	16.6459
SRR17380244	28	0.1461	0.0324	7.8483	0.5458	0.0377	94.7368	16.6056
SRR17380245	28	0.1466	0.0325	7.8505	0.5457	0.0377	94.7368	16.5806
SRR17380246	28	0.1461	0.0324	7.8707	0.5457	0.0377	94.7368	16.6230
Average	28	0.1445	0.0326	7.8381	0.5468	0.0378	94.7368	16.5004

Expected vs. Observed Relative Abundance for genus using biobakery3 in Experiment Amos hilo with filter 0.01

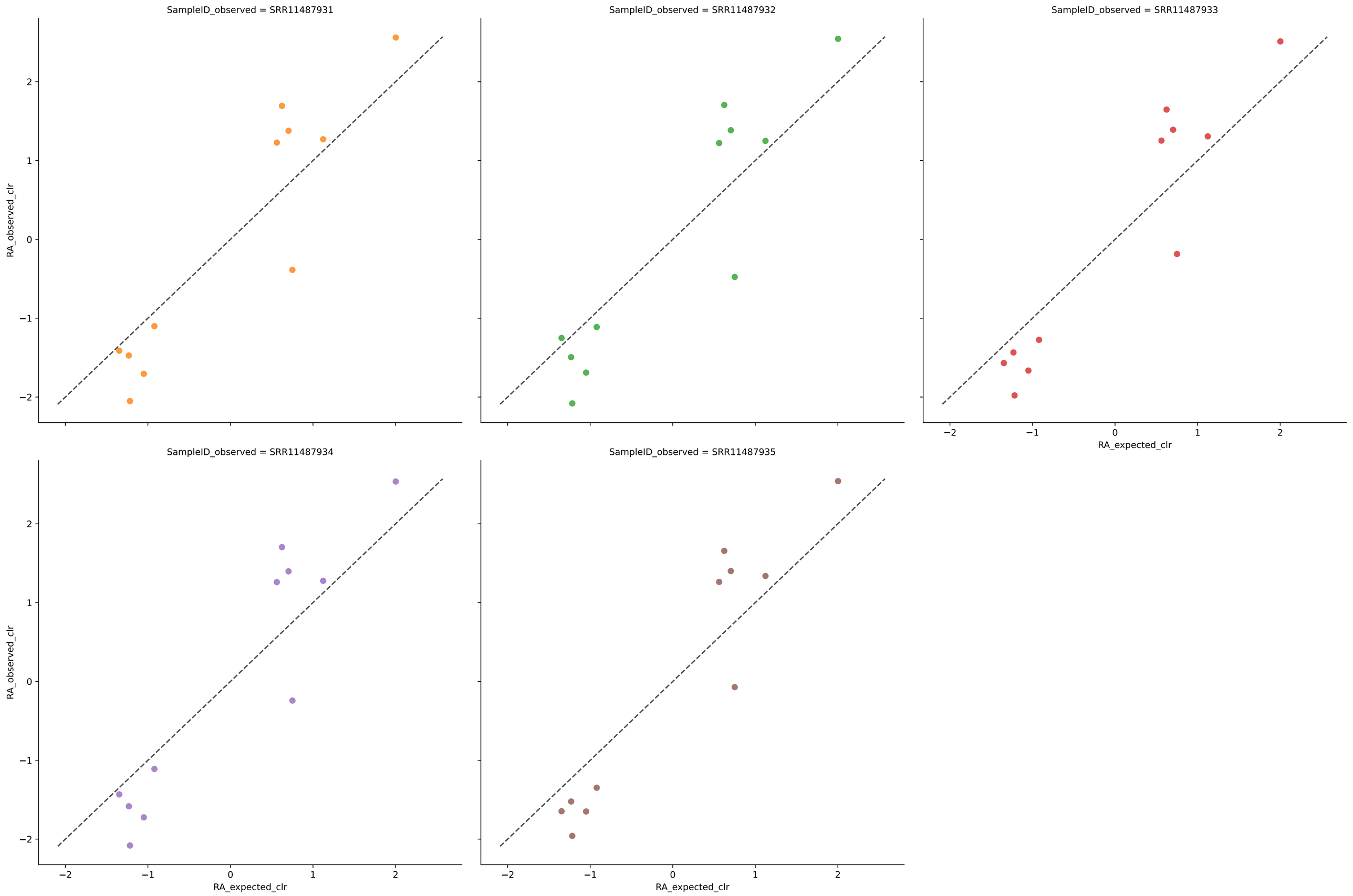


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	11	0.9042	0.0250	7.9837	0.8623	0.0380	90.9091	0.0000
SRR11487932	11	0.8893	0.0245	7.0953	0.8654	0.0388	90.9091	0.0000
SRR11487933	12	0.8954	0.0215	9.8660	0.8708	0.0349	90.9091	1.0804
SRR11487934	12	0.8825	0.0211	9.3517	0.8732	0.0368	90.9091	1.0072
SRR11487935	12	0.9002	0.0203	8.4631	0.8781	0.0336	90.9091	1.1855
Average	12	0.8943	0.0225	8.5520	0.8699	0.0364	90.9091	0.6546

Expected vs. Observed Relative Abundance for genus using biobakery4 in Experiment Amos hilo with filter 0.01

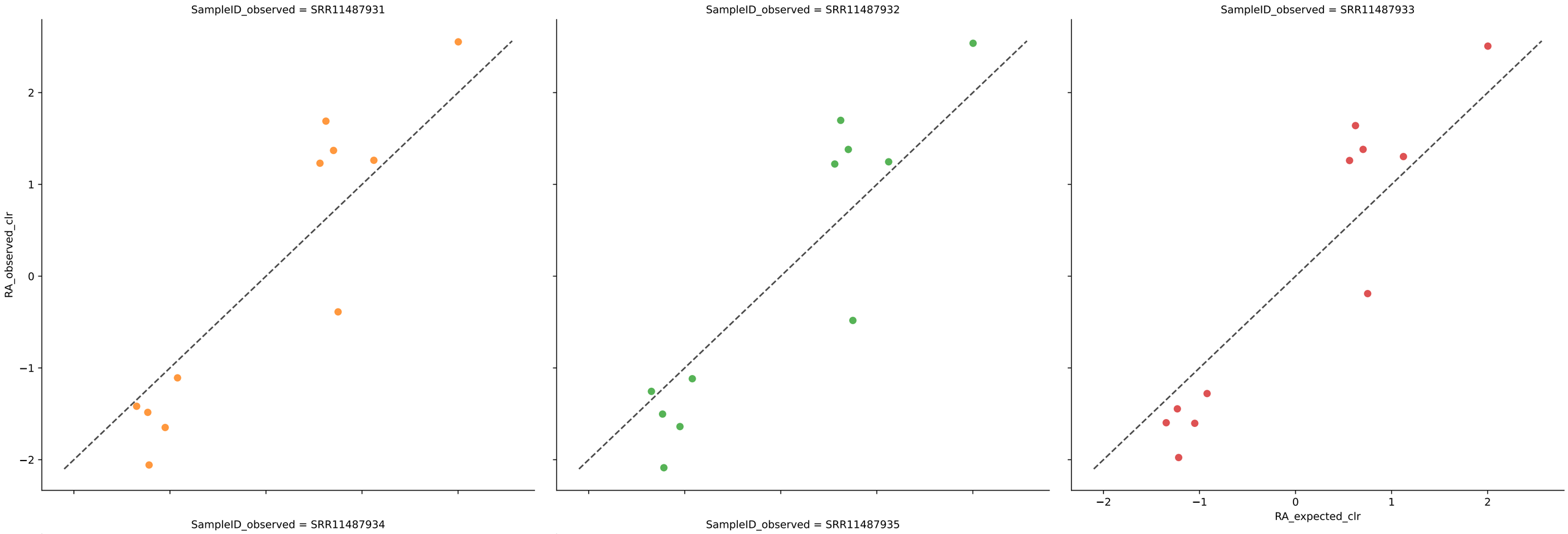


	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	11	0.9214	0.0311	1.8046	0.8291	0.0517	100.0000	0.0000
SRR11487932	11	0.9168	0.0321	1.8583	0.8233	0.0518	100.0000	0.0000
SRR11487933	11	0.9292	0.0288	1.6902	0.8413	0.0473	100.0000	0.0000
SRR11487934	11	0.9232	0.0302	1.6995	0.8340	0.0489	100.0000	0.0000
SRR11487935	11	0.9306	0.0289	1.5318	0.8412	0.0467	100.0000	0.0000
Average	11	0.9242	0.0302	1.7169	0.8338	0.0493	100.0000	0.0000



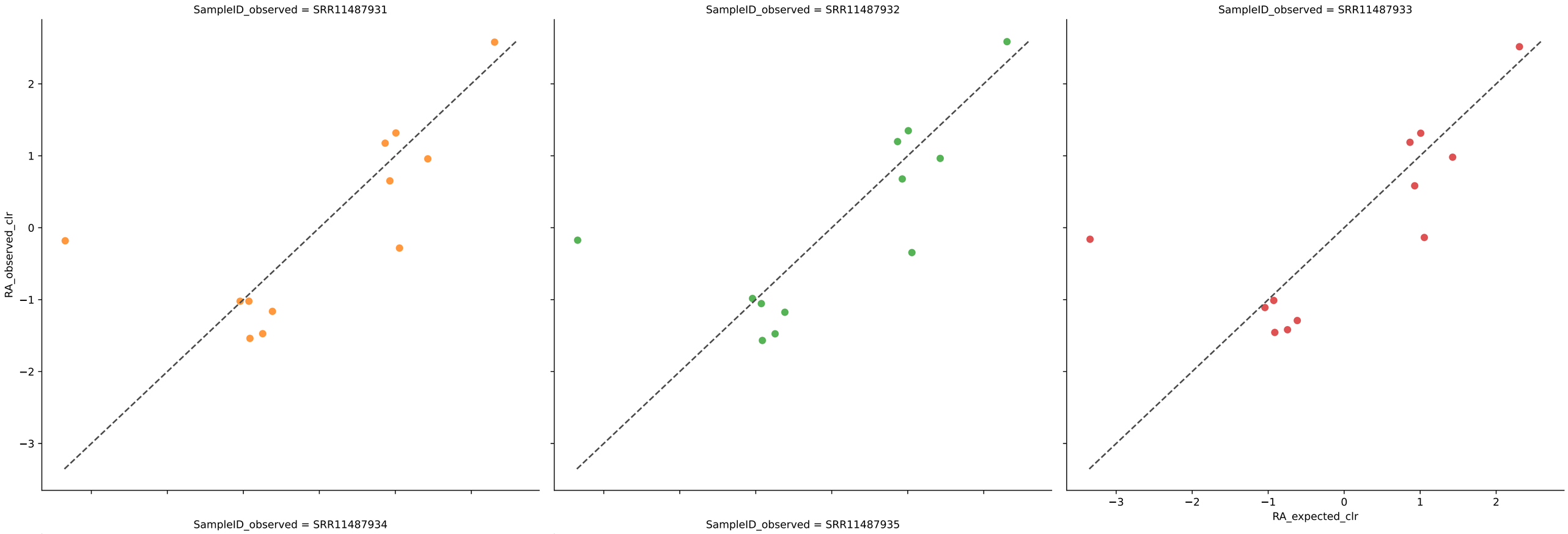
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	11	0.8871	0.0309	2.2112	0.8298	0.0413	100.0000	0.0000
SRR11487932	11	0.8793	0.0313	2.2703	0.8280	0.0421	100.0000	0.0000
SRR11487933	11	0.8945	0.0291	2.0827	0.8400	0.0382	100.0000	0.0000
SRR11487934	11	0.8843	0.0304	2.1903	0.8326	0.0404	100.0000	0.0000
SRR11487935	11	0.9018	0.0288	2.0791	0.8414	0.0374	100.0000	0.0000
Average	11	0.8894	0.0301	2.1667	0.8344	0.0399	100.0000	0.0000

Expected vs. Observed Relative Abundance for genus using jams202212 in Experiment Amos hilo with filter 0.01



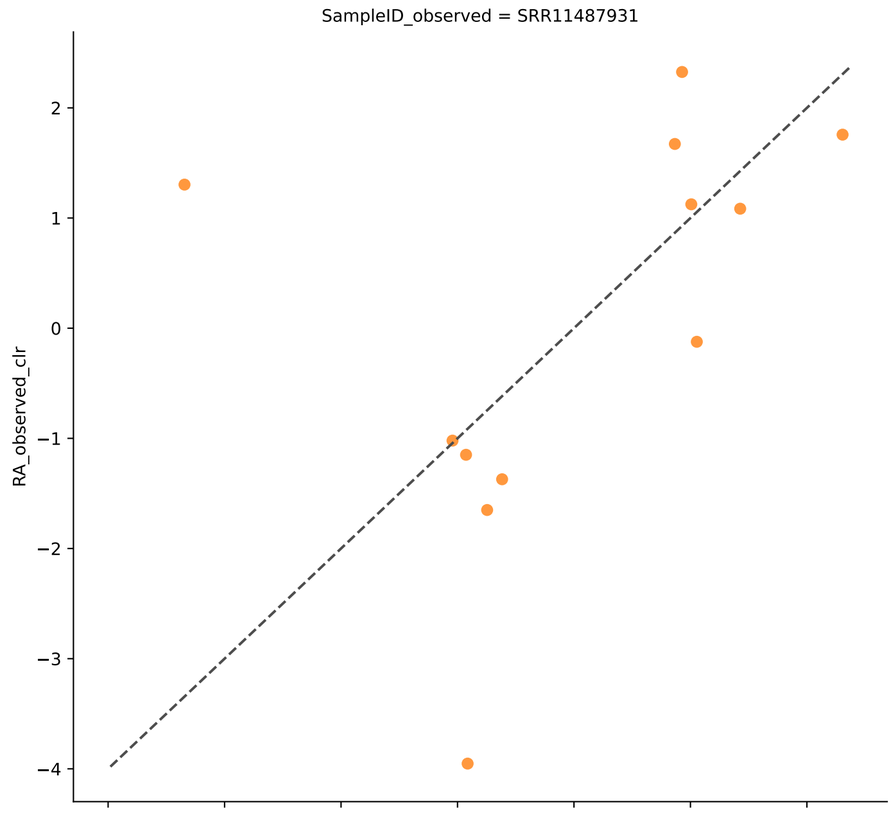
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	11	0.8865	0.0309	2.1949	0.8300	0.0412	100.0000	0.0000
SRR11487932	11	0.8794	0.0312	2.2574	0.8285	0.0420	100.0000	0.0000
SRR11487933	11	0.8945	0.0291	2.0669	0.8402	0.0381	100.0000	0.0000
SRR11487934	11	0.8840	0.0304	2.1788	0.8327	0.0403	100.0000	0.0000
SRR11487935	11	0.9012	0.0288	2.0681	0.8417	0.0373	100.0000	0.0000
Average	11	0.8891	0.0301	2.1532	0.8346	0.0398	100.0000	0.0000

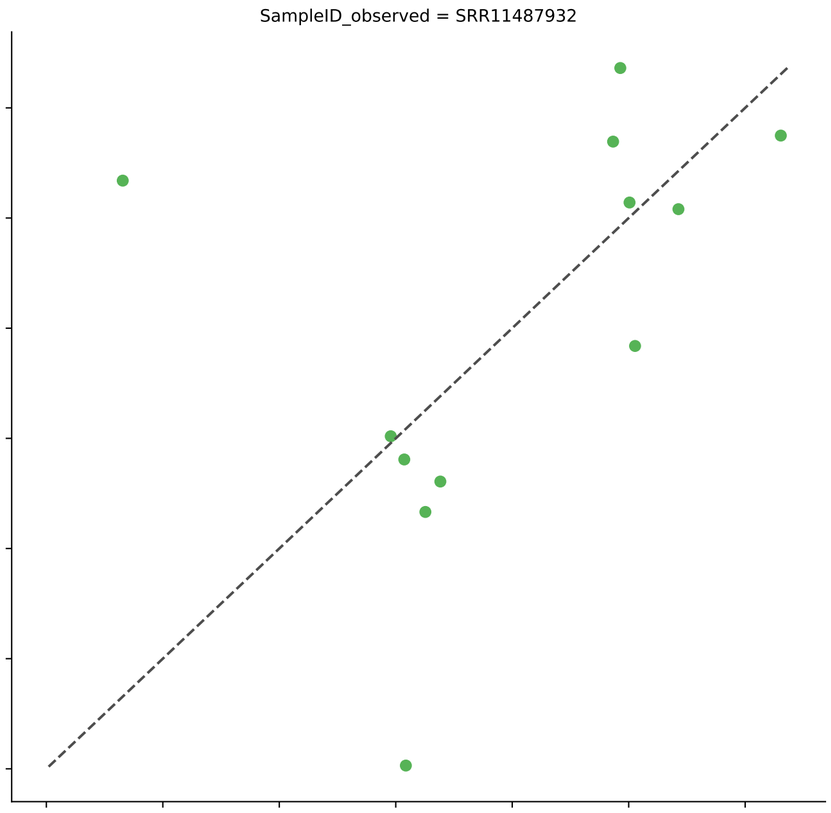
Expected vs. Observed Relative Abundance for genus using wgsa2 in Experiment Amos hilo with filter 0.01

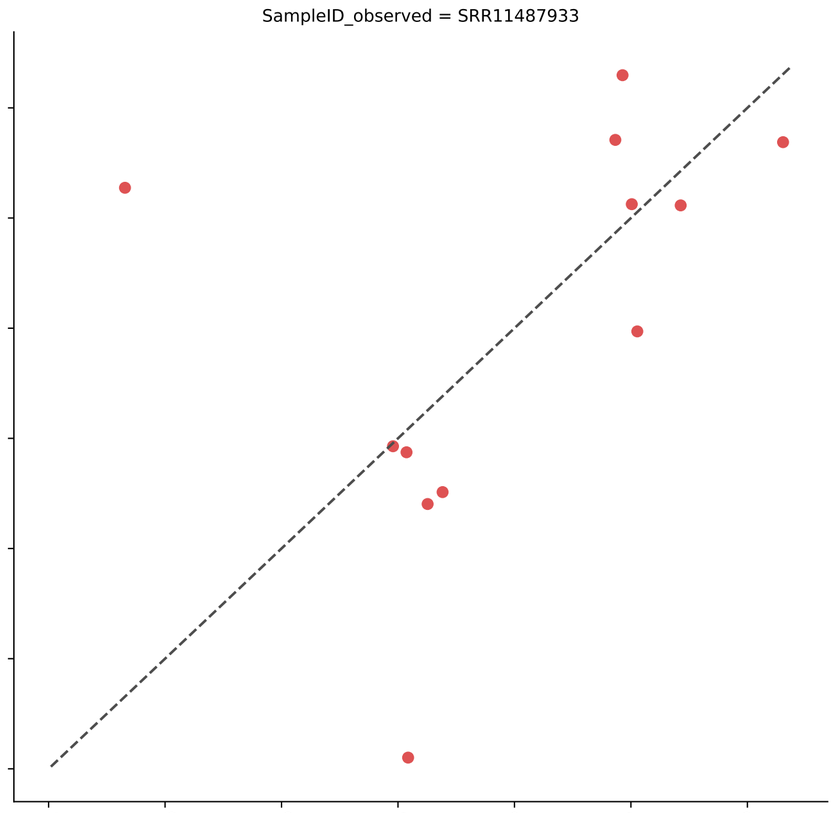


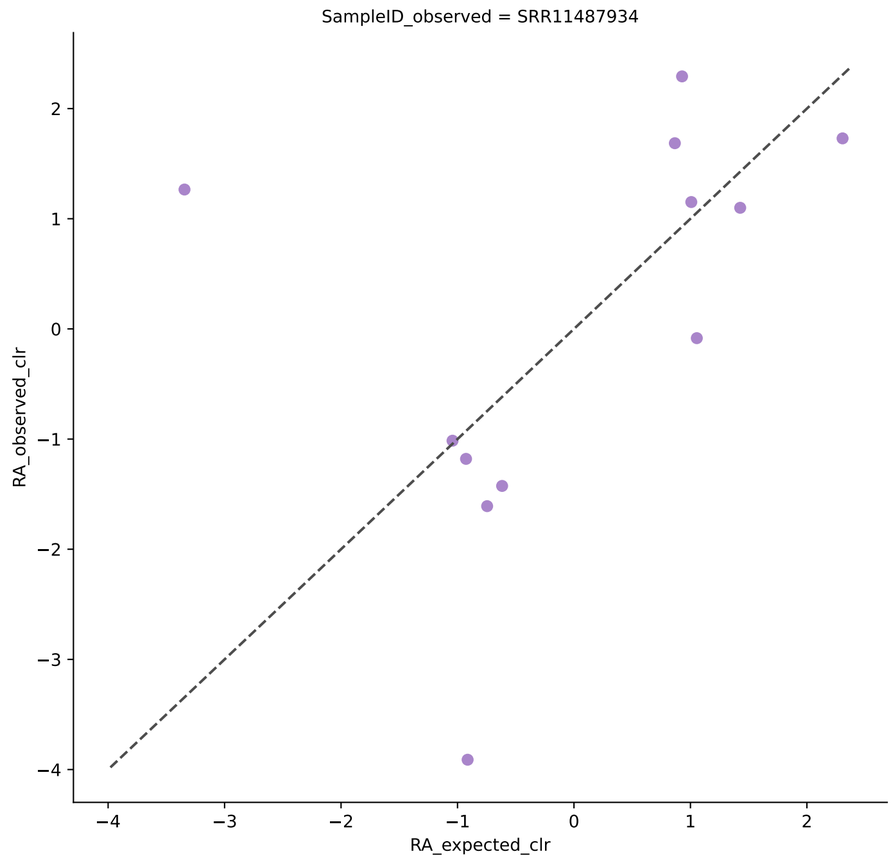
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	12	0.8967	0.0322	3.6857	0.8069	0.0448	100.0000	3.0043
SRR11487932	12	0.8942	0.0326	3.7267	0.8046	0.0450	100.0000	2.9962
SRR11487933	12	0.9017	0.0309	3.6507	0.8144	0.0412	100.0000	3.1538
SRR11487934	12	0.8990	0.0314	3.6486	0.8119	0.0424	100.0000	3.0235
SRR11487935	12	0.9053	0.0303	3.6284	0.8185	0.0402	100.0000	3.2148
Average	12	0.8994	0.0315	3.6680	0.8112	0.0427	100.0000	3.0785

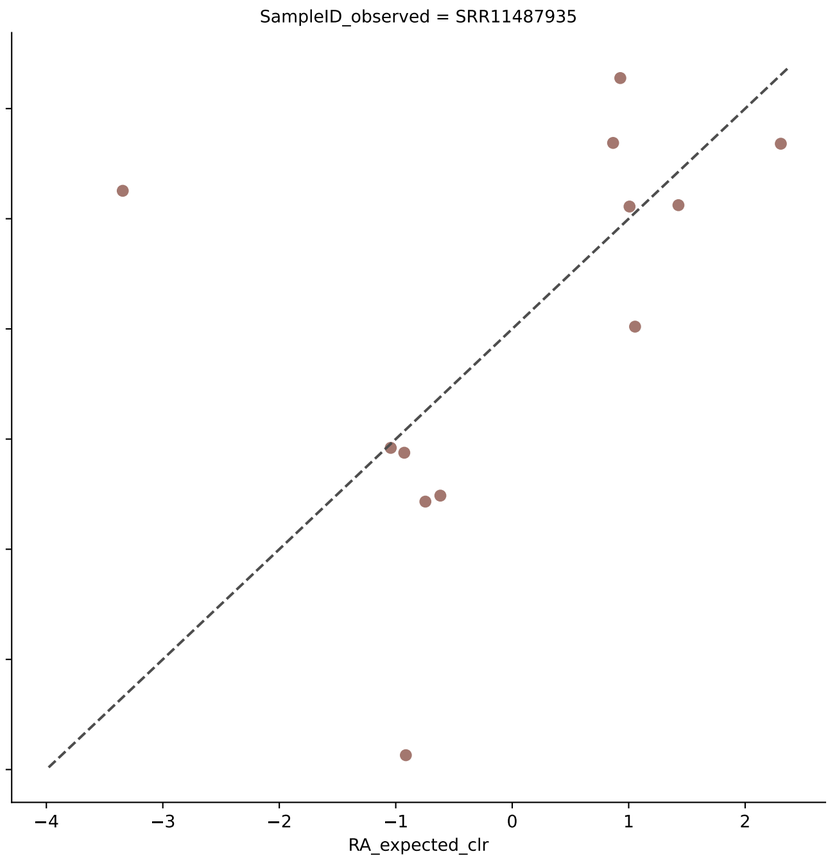
Expected vs. Observed Relative Abundance for genus using woltka in Experiment Amos hilo with filter 0.01





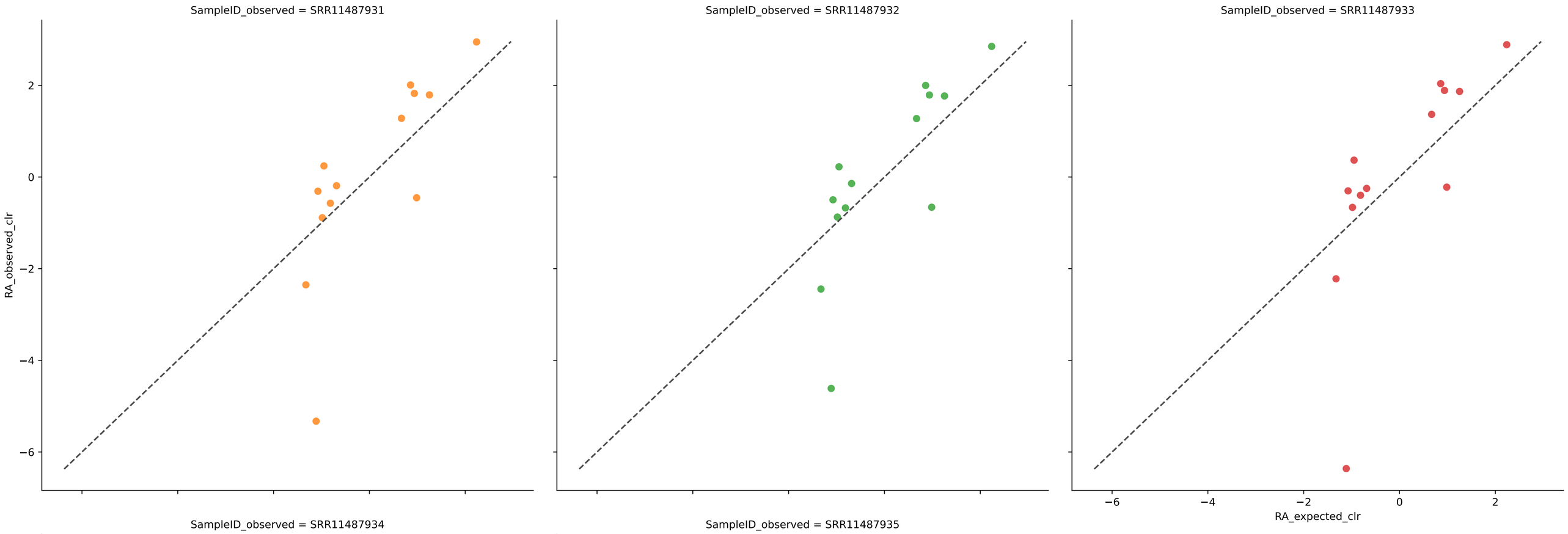






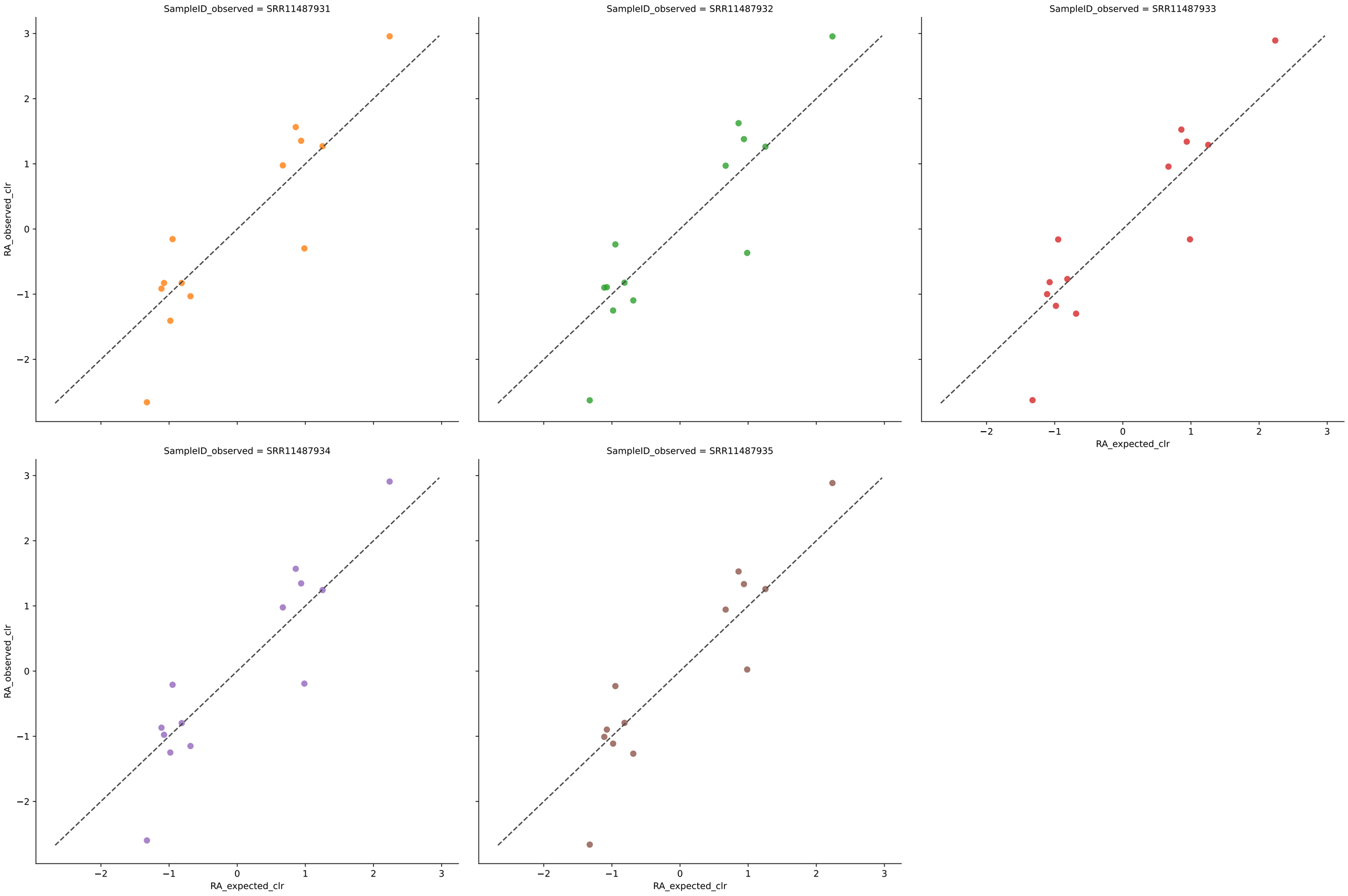
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	12	0.2290	0.0665	6.0579	0.6009	0.0977	90.9091	11.1296
SRR11487932	12	0.2109	0.0680	6.1218	0.5922	0.1000	90.9091	11.3425
SRR11487933	12	0.2163	0.0668	6.0014	0.5994	0.0984	90.9091	10.9561
SRR11487934	12	0.2333	0.0657	5.9988	0.6060	0.0967	90.9091	10.8470
SRR11487935	12	0.2232	0.0660	5.9547	0.6040	0.0975	90.9091	10.8592
Average	12	0.2225	0.0666	6.0269	0.6005	0.0981	90.9091	11.0269

Expected vs. Observed Relative Abundance for species using biobakery3 in Experiment Amos hilo with filter 0.01



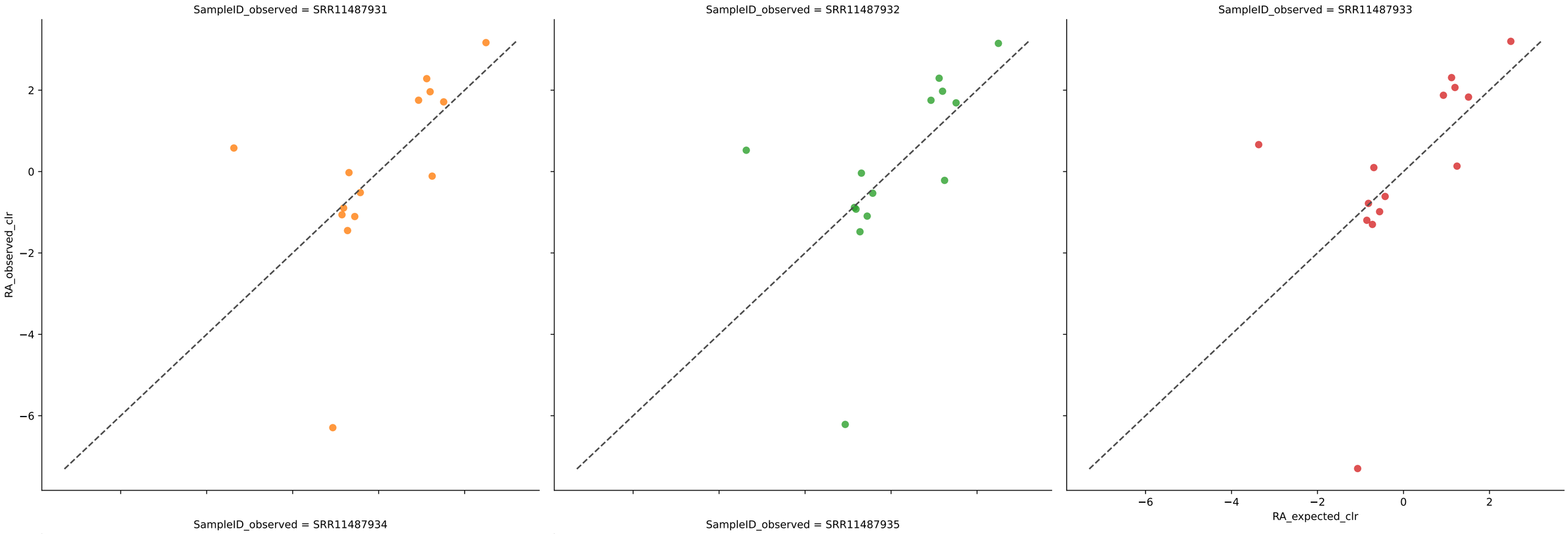
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	13	0.9049	0.0218	5.1460	0.8582	0.0345	100.0000	0.0000
SRR11487932	13	0.8911	0.0210	4.6129	0.8634	0.0352	100.0000	0.0000
SRR11487933	13	0.8945	0.0195	6.0159	0.8730	0.0334	100.0000	0.0000
SRR11487934	13	0.8808	0.0208	5.6867	0.8650	0.0355	100.0000	0.0000
SRR11487935	13	0.8995	0.0186	4.9587	0.8789	0.0322	100.0000	0.0000
Average	13	0.8942	0.0204	5.2840	0.8677	0.0342	100.0000	0.0000

Expected vs. Observed Relative Abundance for species using biobakery4 in Experiment Amos hilo with filter 0.01



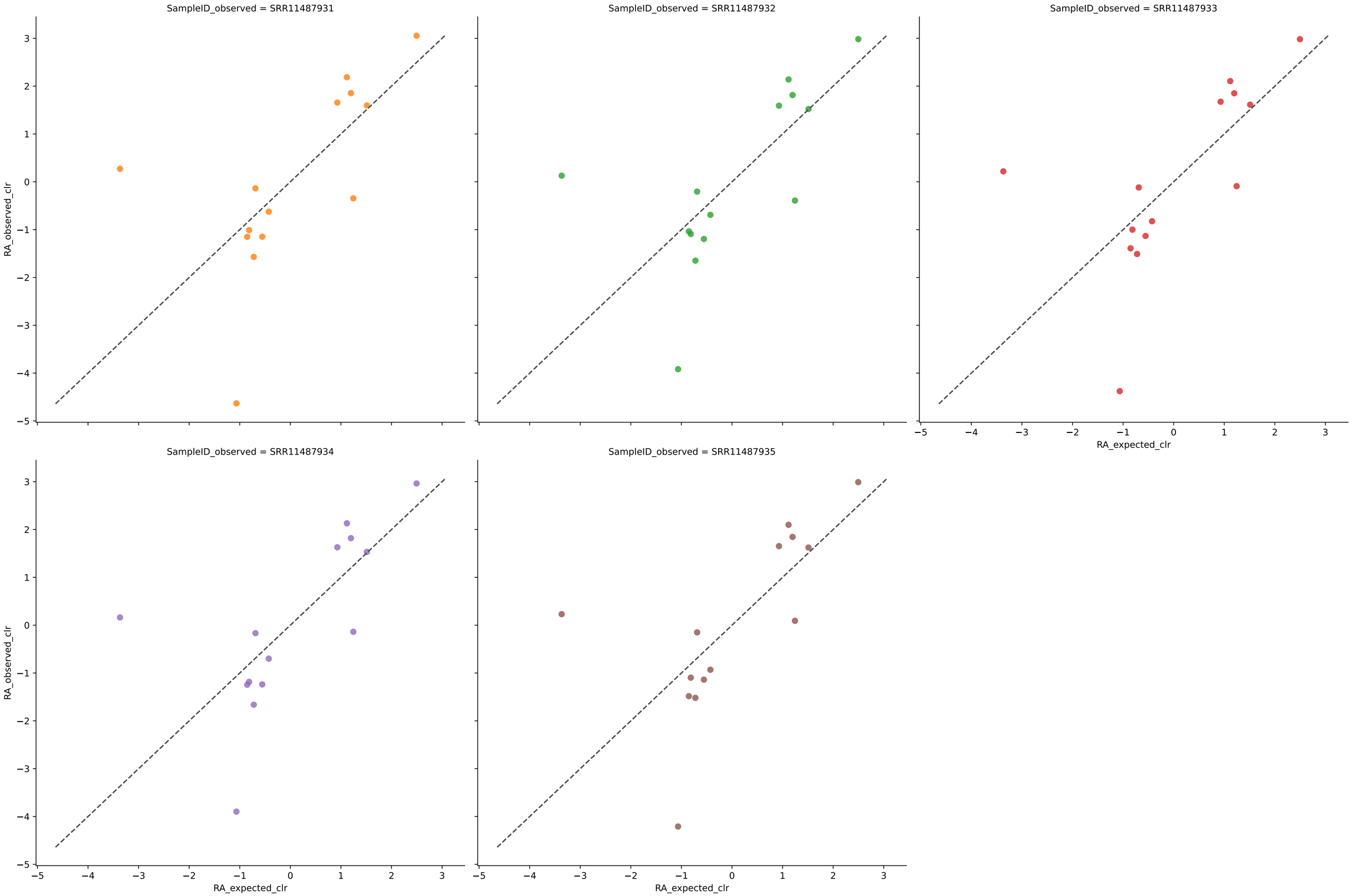
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	13	0.9198	0.0274	2.3953	0.8219	0.0480	100.0000	0.0000
SRR11487932	13	0.9172	0.0280	2.3958	0.8183	0.0479	100.0000	0.0000
SRR11487933	13	0.9270	0.0256	2.2891	0.8336	0.0439	100.0000	0.0000
SRR11487934	13	0.9223	0.0266	2.2637	0.8274	0.0454	100.0000	0.0000
SRR11487935	13	0.9297	0.0254	2.1739	0.8349	0.0433	100.0000	0.0000
Average	13	0.9232	0.0266	2.3036	0.8272	0.0457	100.0000	0.0000

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



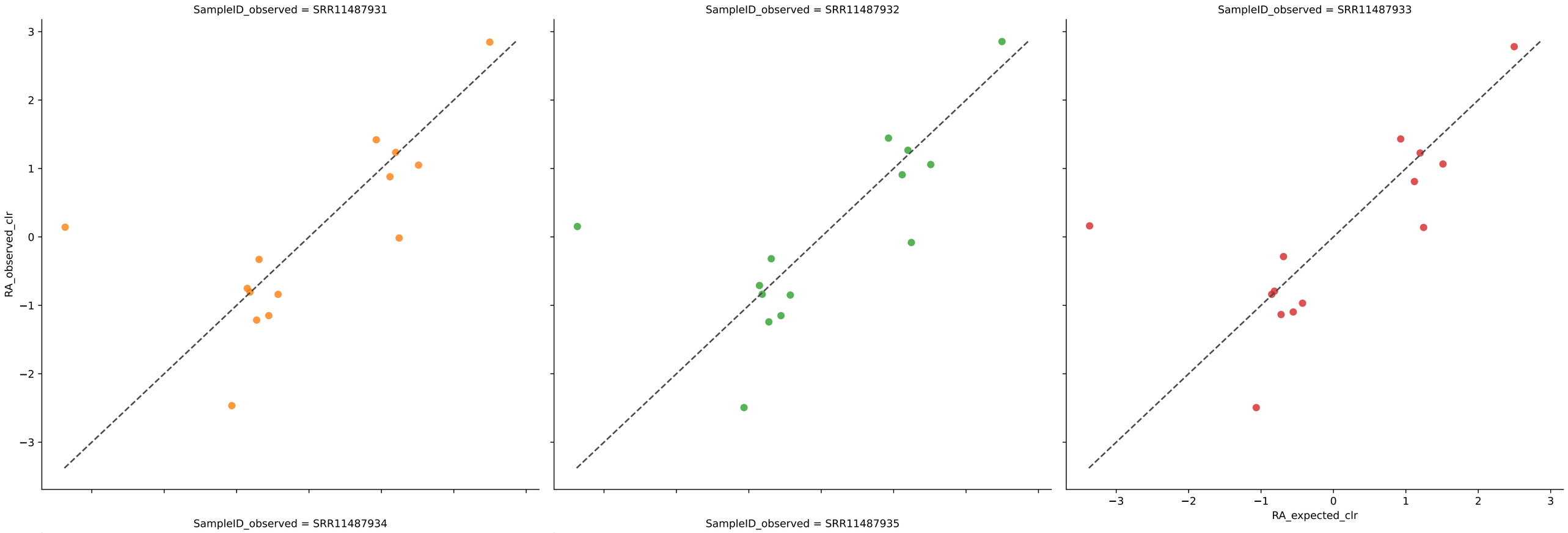
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	14	0.8820	0.0274	7.0130	0.8084	0.0379	100.0000	3.0970
SRR11487932	14	0.8758	0.0276	6.9436	0.8067	0.0385	100.0000	2.9599
SRR11487933	14	0.8863	0.0264	7.8273	0.8152	0.0358	100.0000	3.1573
SRR11487934	14	0.8788	0.0272	6.7261	0.8097	0.0373	100.0000	3.0517
SRR11487935	14	0.8936	0.0260	6.5698	0.8178	0.0349	100.0000	3.1688
Average	14	0.8833	0.0269	7.0160	0.8116	0.0369	100.0000	3.0869

Expected vs. Observed Relative Abundance for species using jams202212 in Experiment Amos hilo with filter 0.01



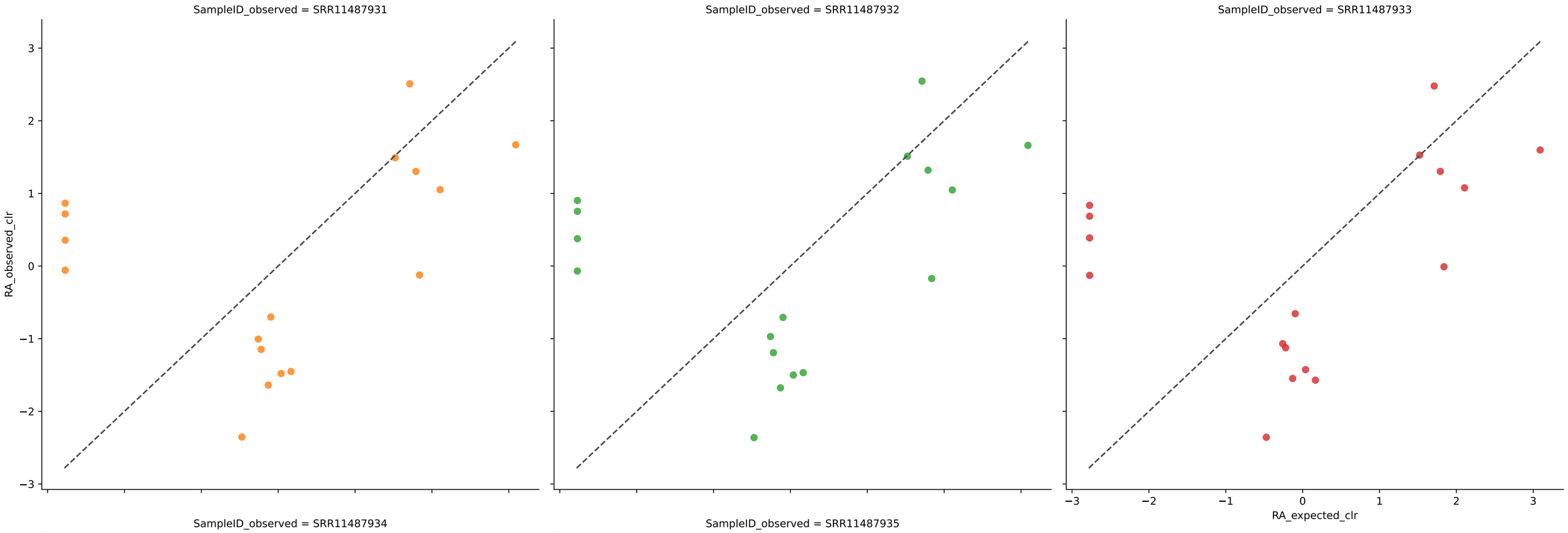
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	14	0.8797	0.0275	5.6968	0.8075	0.0384	100.0000	2.5576
SRR11487932	14	0.8761	0.0275	5.1782	0.8077	0.0387	100.0000	2.3585
SRR11487933	14	0.8867	0.0263	5.4377	0.8162	0.0359	100.0000	2.5236
SRR11487934	14	0.8782	0.0271	5.1476	0.8105	0.0375	100.0000	2.4437
SRR11487935	14	0.8940	0.0259	5.3214	0.8186	0.0350	100.0000	2.5492
Average	14	0.8829	0.0268	5.3563	0.8121	0.0371	100.0000	2.4865

Expected vs. Observed Relative Abundance for species using wgsa2 in Experiment Amos hilo with filter 0.01



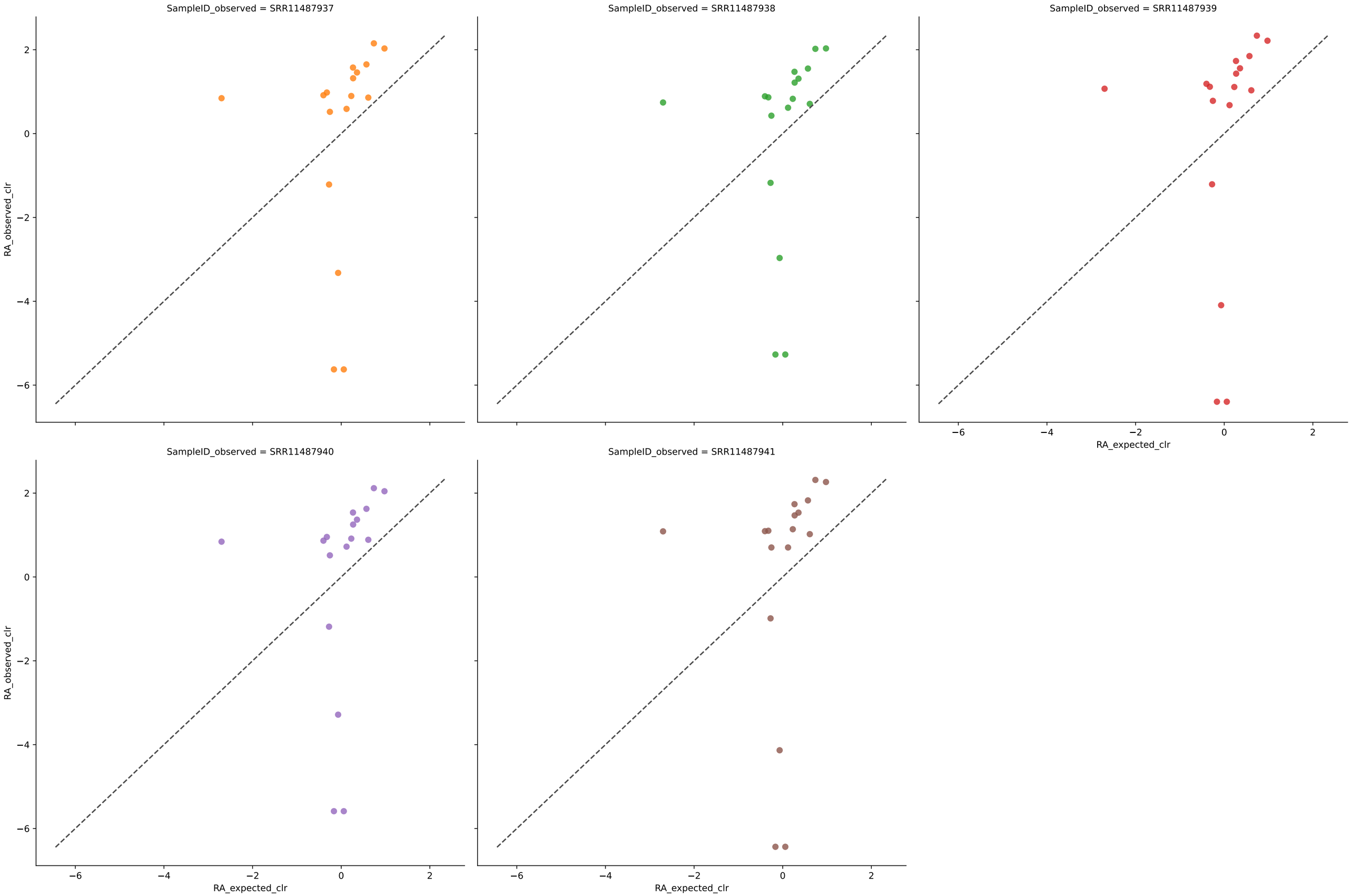
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	14	0.8987	0.0282	4.1726	0.8023	0.0442	100.0000	3.2957
SRR11487932	14	0.8972	0.0283	4.2191	0.8019	0.0443	100.0000	3.2920
SRR11487933	14	0.9037	0.0268	4.1555	0.8121	0.0404	100.0000	3.4636
SRR11487934	14	0.9017	0.0272	4.1397	0.8096	0.0417	100.0000	3.3153
SRR11487935	14	0.9072	0.0264	4.1249	0.8149	0.0396	100.0000	3.5292
Average	14	0.9017	0.0274	4.1624	0.8082	0.0420	100.0000	3.3792

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



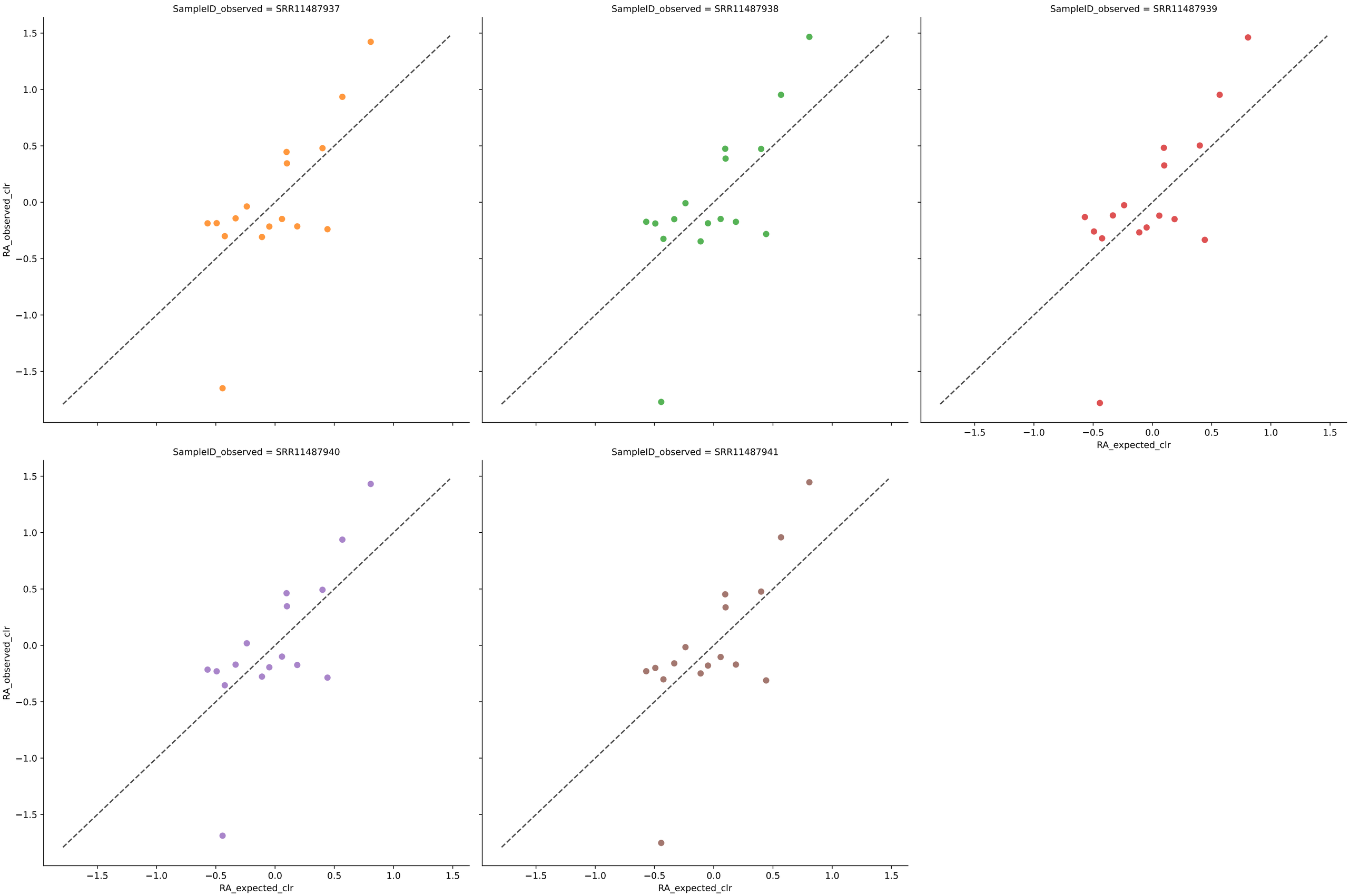
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487931	17	0.2214	0.0522	7.9312	0.5561	0.0871	100.0000	17.7903
SRR11487932	17	0.2065	0.0532	8.0039	0.5480	0.0888	100.0000	17.9546
SRR11487933	17	0.2124	0.0521	7.8715	0.5568	0.0874	100.0000	17.6438
SRR11487934	17	0.2267	0.0515	7.8665	0.5626	0.0861	100.0000	17.5159
SRR11487935	17	0.2191	0.0515	7.8075	0.5620	0.0866	100.0000	17.4761
Average	17	0.2172	0.0521	7.8961	0.5571	0.0872	100.0000	17.6761

Expected vs. Observed Relative Abundance for genus using biobakery3 in Experiment Amos mixed with filter 0.01



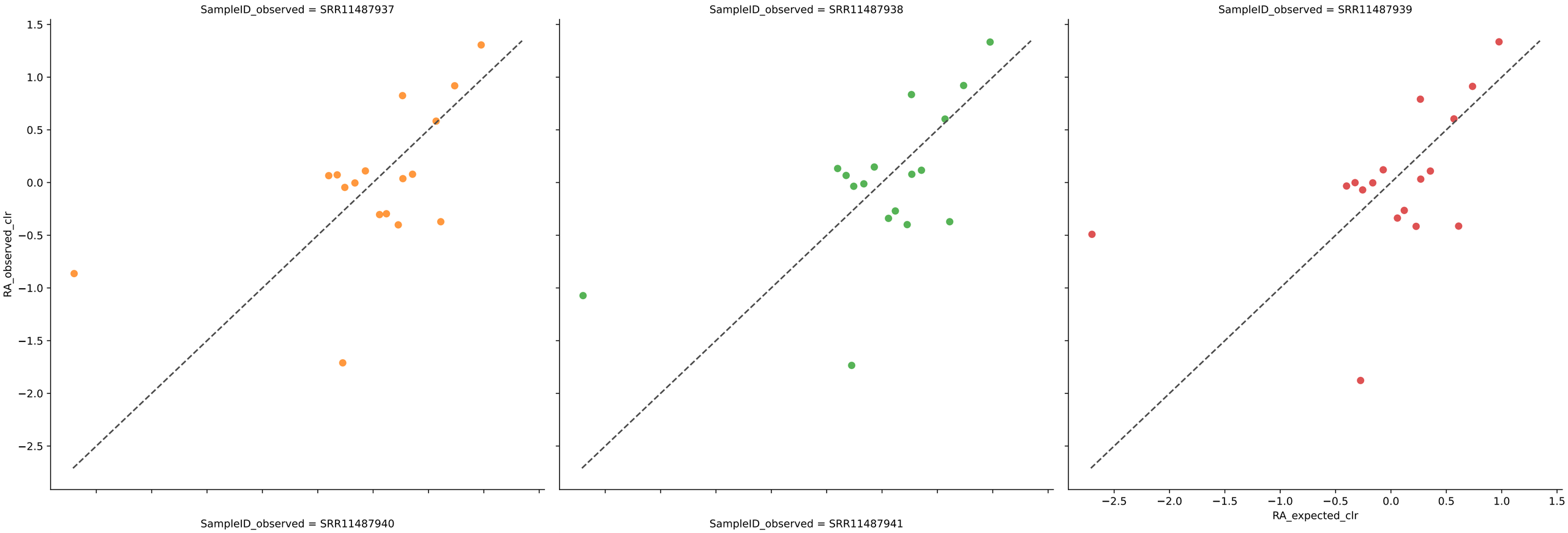
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	17	0.5315	0.0291	9.9615	0.7525	0.0338	87.5000	4.6137
SRR11487938	17	0.5520	0.0288	9.3097	0.7556	0.0333	87.5000	4.5333
SRR11487939	17	0.5207	0.0290	11.3751	0.7533	0.0343	87.5000	4.8612
SRR11487940	17	0.5497	0.0279	9.8744	0.7633	0.0330	87.5000	4.6898
SRR11487941	17	0.5396	0.0290	11.4080	0.7538	0.0340	87.5000	4.9541
Average	17	0.5387	0.0287	10.3857	0.7557	0.0337	87.5000	4.7304

Expected vs. Observed Relative Abundance for genus using biobakery4 in Experiment Amos mixed with filter 0.01



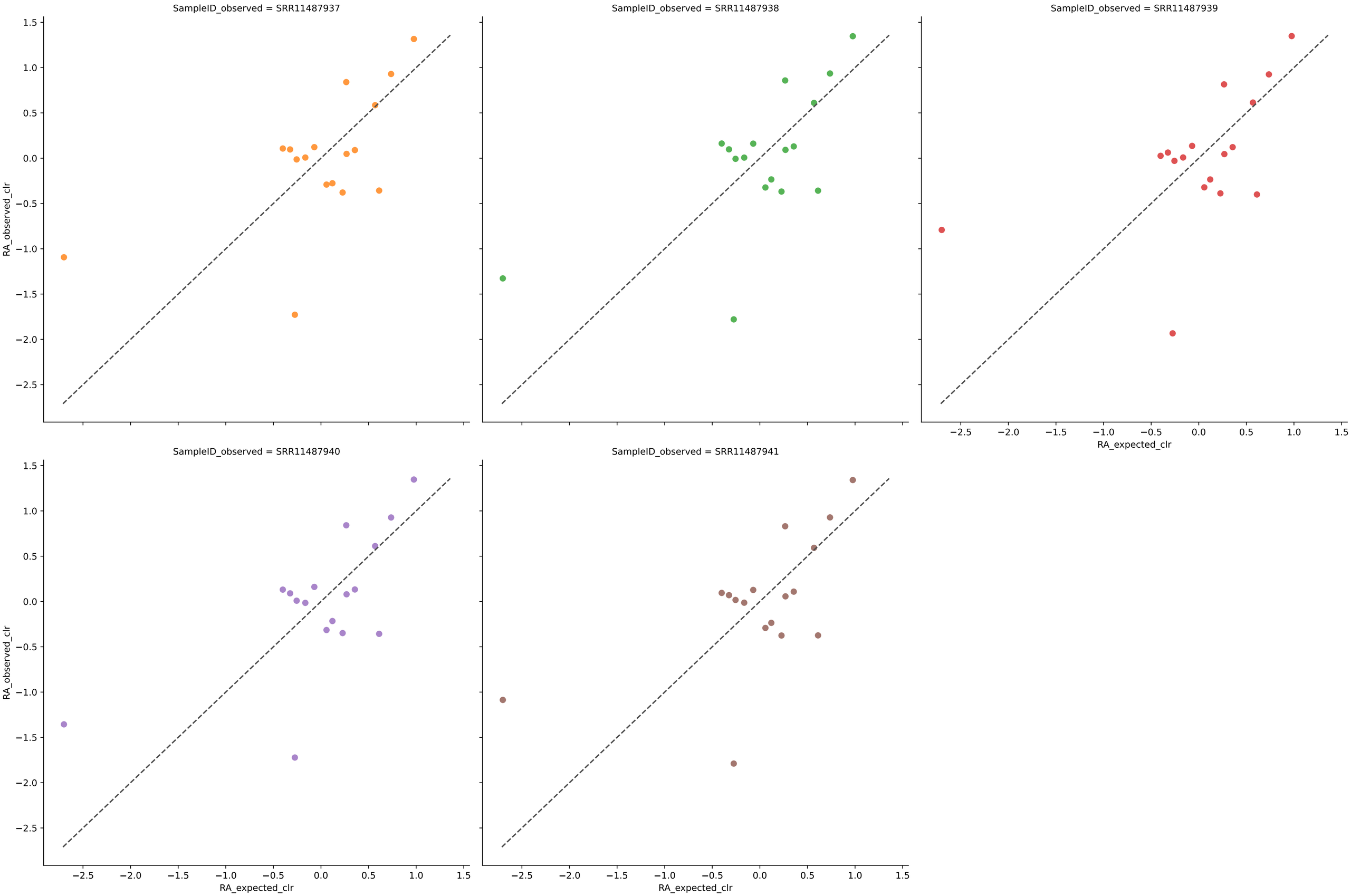
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	16	0.7057	0.0194	1.7957	0.8447	0.0281	100.0000	0.0000
SRR11487938	16	0.6971	0.0204	1.9222	0.8368	0.0296	100.0000	0.0000
SRR11487939	16	0.6971	0.0198	1.9306	0.8414	0.0294	100.0000	0.0000
SRR11487940	16	0.7089	0.0193	1.8183	0.8459	0.0282	100.0000	0.0000
SRR11487941	16	0.7041	0.0194	1.8753	0.8452	0.0288	100.0000	0.0000
Average	16	0.7026	0.0197	1.8684	0.8428	0.0288	100.0000	0.0000

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



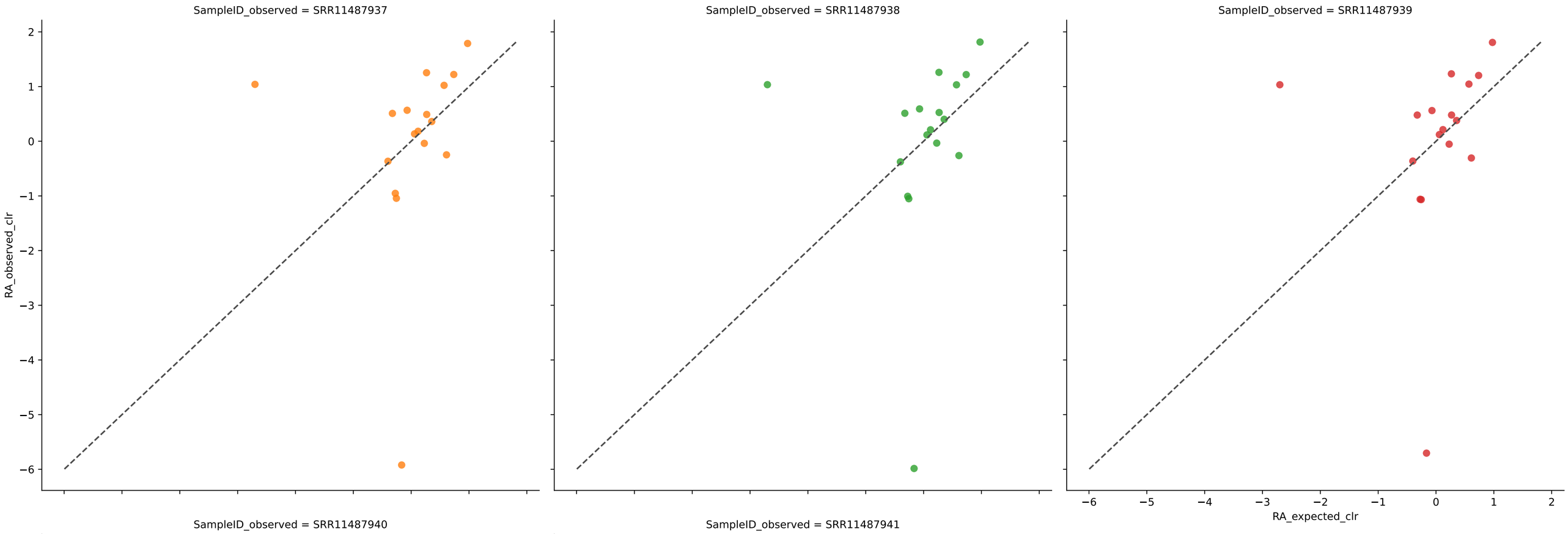
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	17	0.5762	0.0216	2.8573	0.8160	0.0262	100.0000	2.0036
SRR11487938	17	0.5844	0.0215	2.7547	0.8170	0.0264	100.0000	1.6046
SRR11487939	17	0.5669	0.0218	3.1795	0.8148	0.0268	100.0000	2.9044
SRR11487940	17	0.5918	0.0212	2.6976	0.8194	0.0261	100.0000	1.5831
SRR11487941	17	0.5835	0.0215	2.8662	0.8172	0.0263	100.0000	1.9874
Average	17	0.5806	0.0215	2.8711	0.8169	0.0264	100.0000	2.0166

Expected vs. Observed Relative Abundance for genus using jams202212 in Experiment Amos mixed with filter 0.01



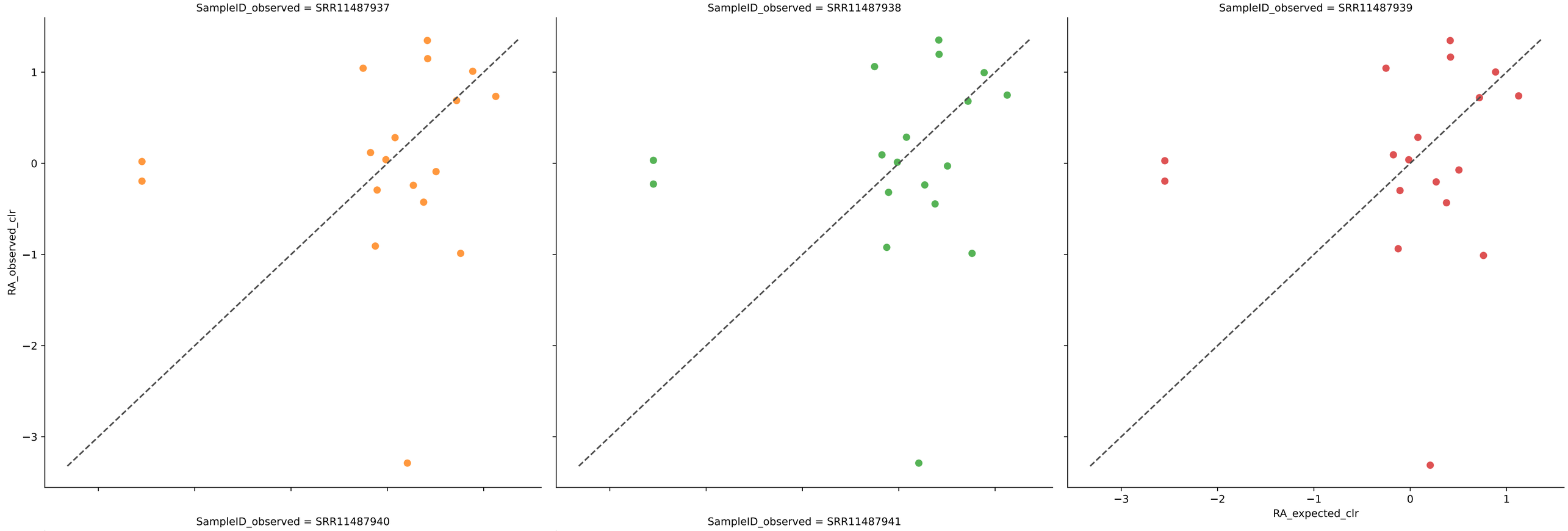
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	17	0.5826	0.0216	2.7279	0.8161	0.0262	100.0000	1.5759
SRR11487938	17	0.5893	0.0215	2.6397	0.8173	0.0264	100.0000	1.2271
SRR11487939	17	0.5812	0.0217	3.0175	0.8156	0.0266	100.0000	2.1234
SRR11487940	17	0.5976	0.0211	2.5725	0.8203	0.0261	100.0000	1.1959
SRR11487941	17	0.5885	0.0215	2.7595	0.8172	0.0263	100.0000	1.5797
Average	17	0.5878	0.0215	2.7434	0.8173	0.0263	100.0000	1.5404

Expected vs. Observed Relative Abundance for genus using wgsa2 in Experiment Amos mixed with filter 0.01



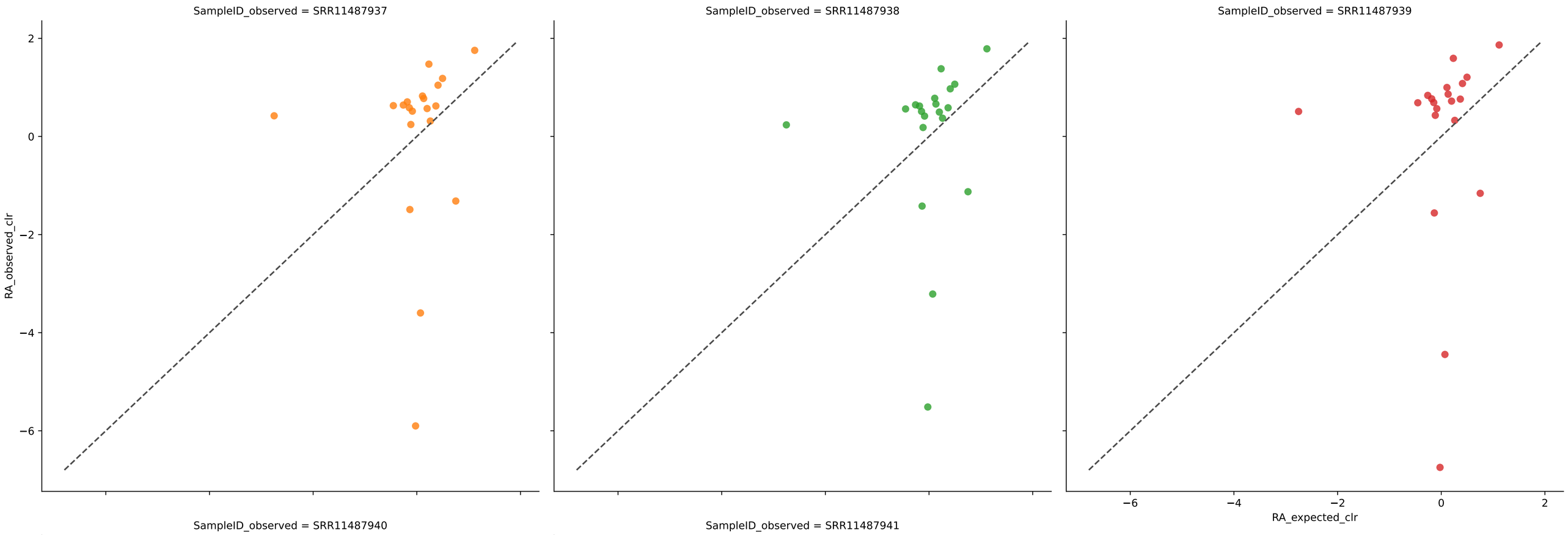
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	17	0.3462	0.0303	7.2287	0.7426	0.0387	100.0000	9.2801
SRR11487938	17	0.3535	0.0303	7.2926	0.7426	0.0388	100.0000	9.1320
SRR11487939	17	0.3525	0.0305	7.0712	0.7411	0.0391	100.0000	9.2484
SRR11487940	17	0.3551	0.0302	7.1030	0.7432	0.0387	100.0000	9.1336
SRR11487941	17	0.3549	0.0303	7.2388	0.7425	0.0389	100.0000	9.1973
Average	17	0.3524	0.0303	7.1869	0.7424	0.0388	100.0000	9.1983

Expected vs. Observed Relative Abundance for genus using woltka in Experiment Amos mixed with filter 0.01



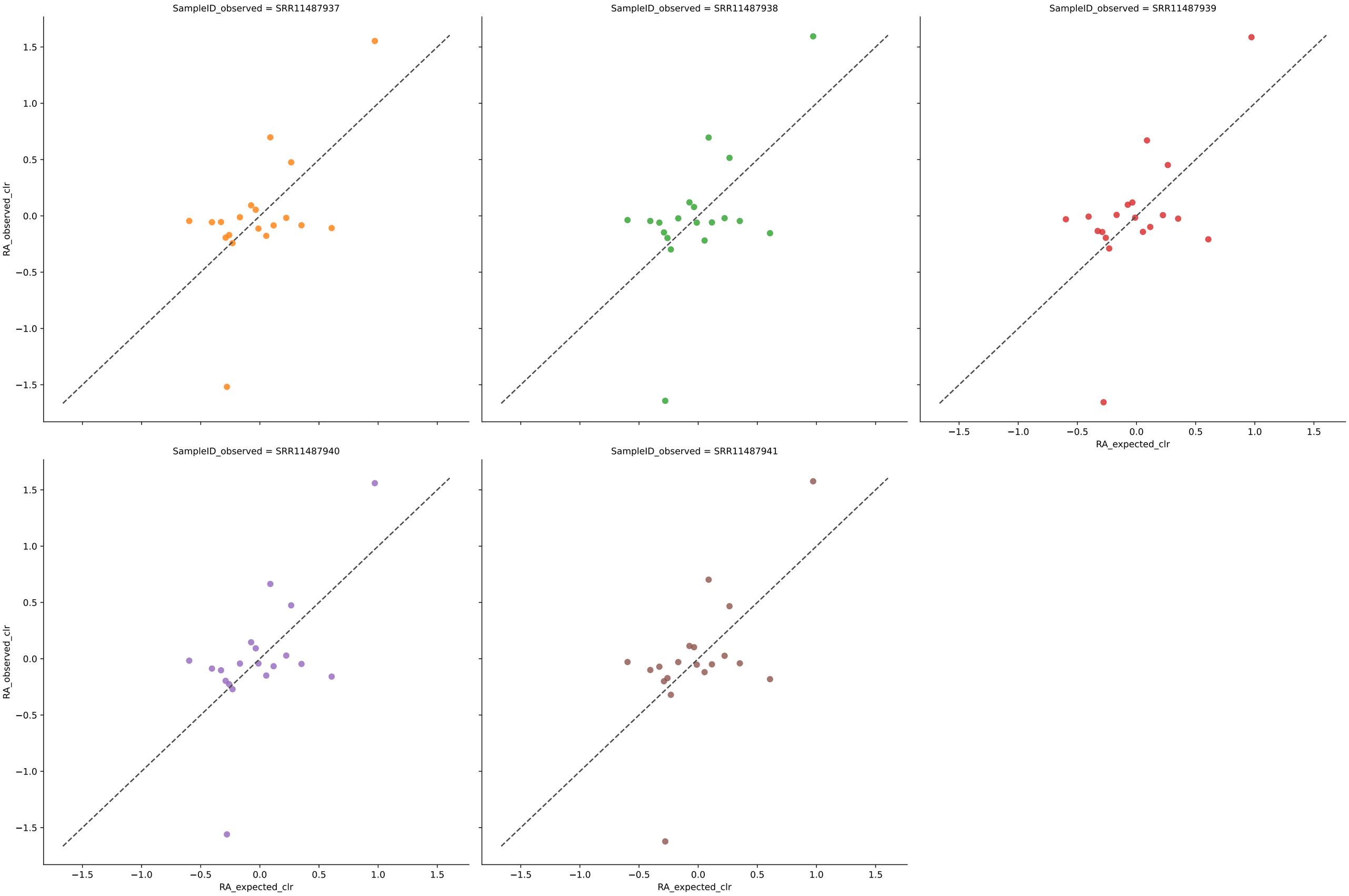
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	18	0.0953	0.0345	5.7177	0.6896	0.0432	93.7500	7.1205
SRR11487938	18	0.0947	0.0347	5.7186	0.6879	0.0436	93.7500	7.0304
SRR11487939	18	0.0967	0.0343	5.7435	0.6917	0.0432	93.7500	7.1268
SRR11487940	18	0.0959	0.0346	5.7030	0.6888	0.0436	93.7500	7.0165
SRR11487941	18	0.0958	0.0345	5.7170	0.6895	0.0435	93.7500	7.1312
Average	18	0.0957	0.0345	5.7200	0.6895	0.0434	93.7500	7.0851

Expected vs. Observed Relative Abundance for species using biobakery3 in Experiment Amos mixed with filter 0.01



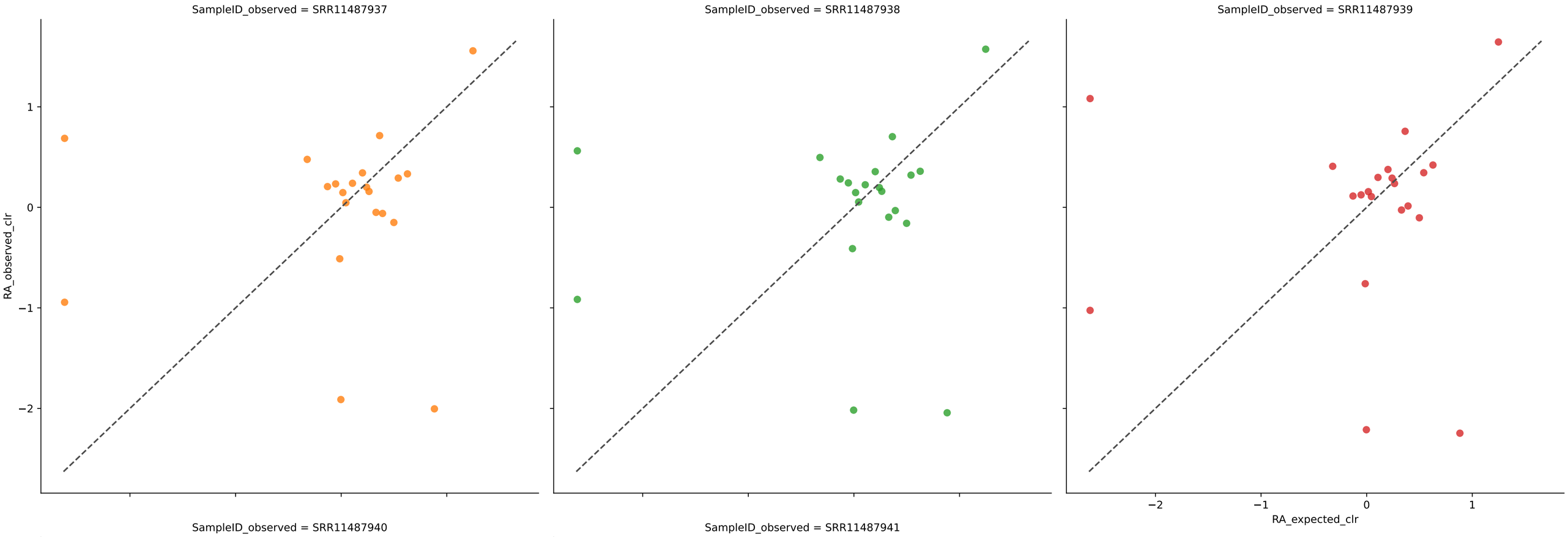
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	20	0.2709	0.0241	8.4807	0.7588	0.0313	94.7368	3.9799
SRR11487938	20	0.3283	0.0234	7.8474	0.7660	0.0306	94.7368	3.4926
SRR11487939	20	0.2666	0.0237	9.5833	0.7625	0.0316	94.7368	3.9371
SRR11487940	20	0.2909	0.0230	8.3586	0.7696	0.0308	94.7368	4.0588
SRR11487941	20	0.3010	0.0235	9.5672	0.7648	0.0312	94.7368	3.8522
Average	20	0.2915	0.0236	8.7674	0.7643	0.0311	94.7368	3.8641

Expected vs. Observed Relative Abundance for species using biobakery4 in Experiment Amos mixed with filter 0.01



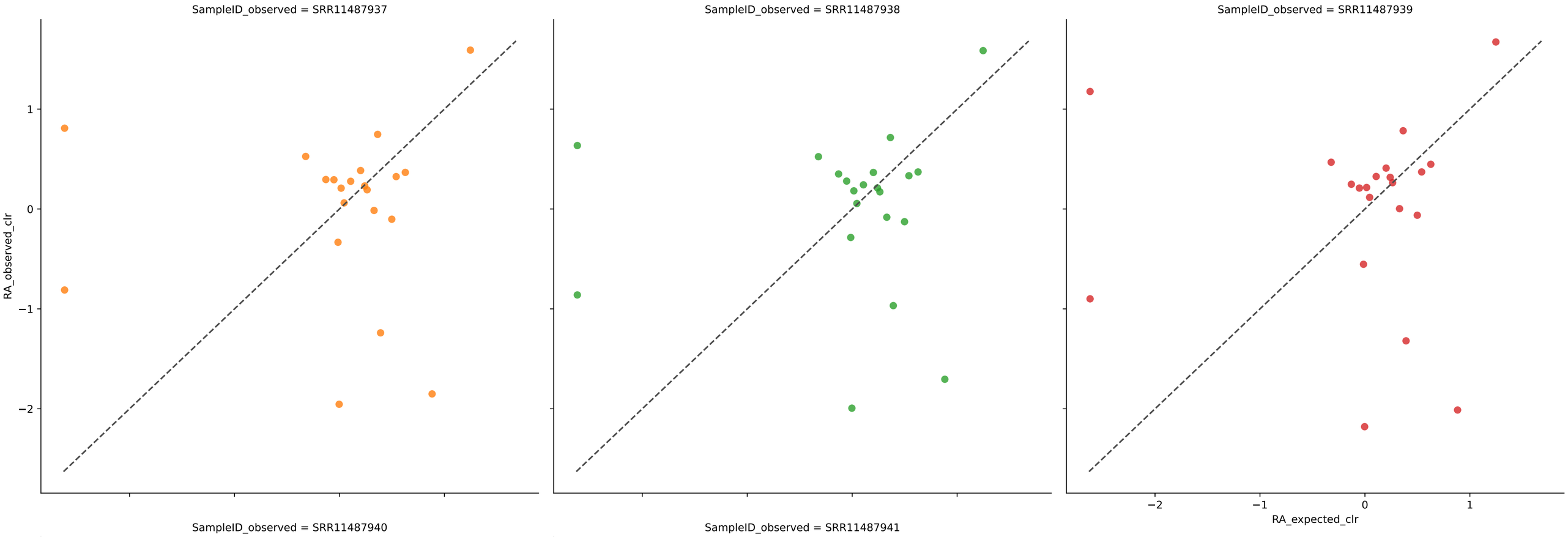
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	19	0.6104	0.0172	1.9325	0.8362	0.0264	100.0000	0.0000
SRR11487938	19	0.6096	0.0179	2.0494	0.8295	0.0276	100.0000	0.0000
SRR11487939	19	0.6052	0.0175	2.0536	0.8341	0.0273	100.0000	0.0000
SRR11487940	19	0.6161	0.0170	1.9498	0.8385	0.0263	100.0000	0.0000
SRR11487941	19	0.6111	0.0172	2.0105	0.8366	0.0269	100.0000	0.0000
Average	19	0.6105	0.0174	1.9992	0.8350	0.0269	100.0000	0.0000

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



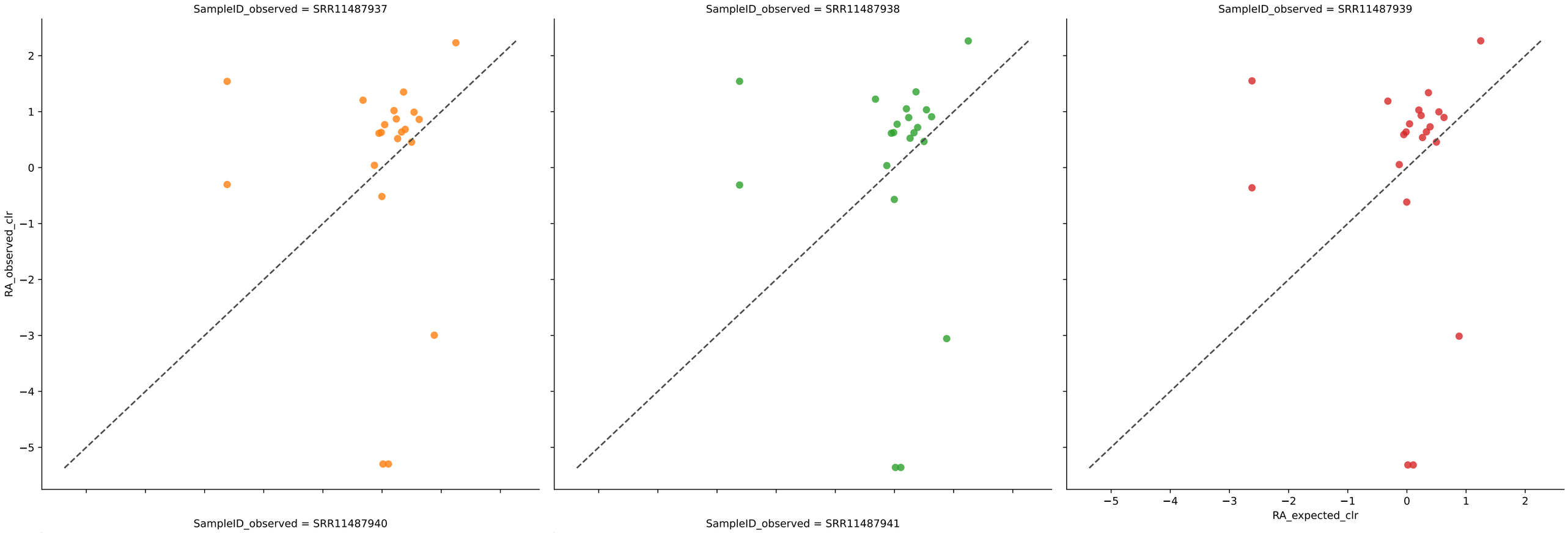
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	21	0.2492	0.0223	5.2912	0.7660	0.0311	100.0000	8.8271
SRR11487938	21	0.2753	0.0220	5.2846	0.7686	0.0304	100.0000	7.9849
SRR11487939	21	0.1892	0.0229	5.7630	0.7593	0.0350	100.0000	11.5832
SRR11487940	21	0.2835	0.0217	5.1310	0.7721	0.0302	100.0000	8.0402
SRR11487941	21	0.2552	0.0221	5.3661	0.7677	0.0314	100.0000	8.9686
Average	21	0.2505	0.0222	5.3672	0.7667	0.0316	100.0000	9.0808

Expected vs. Observed Relative Abundance for species using jams202212 in Experiment Amos mixed with filter 0.01



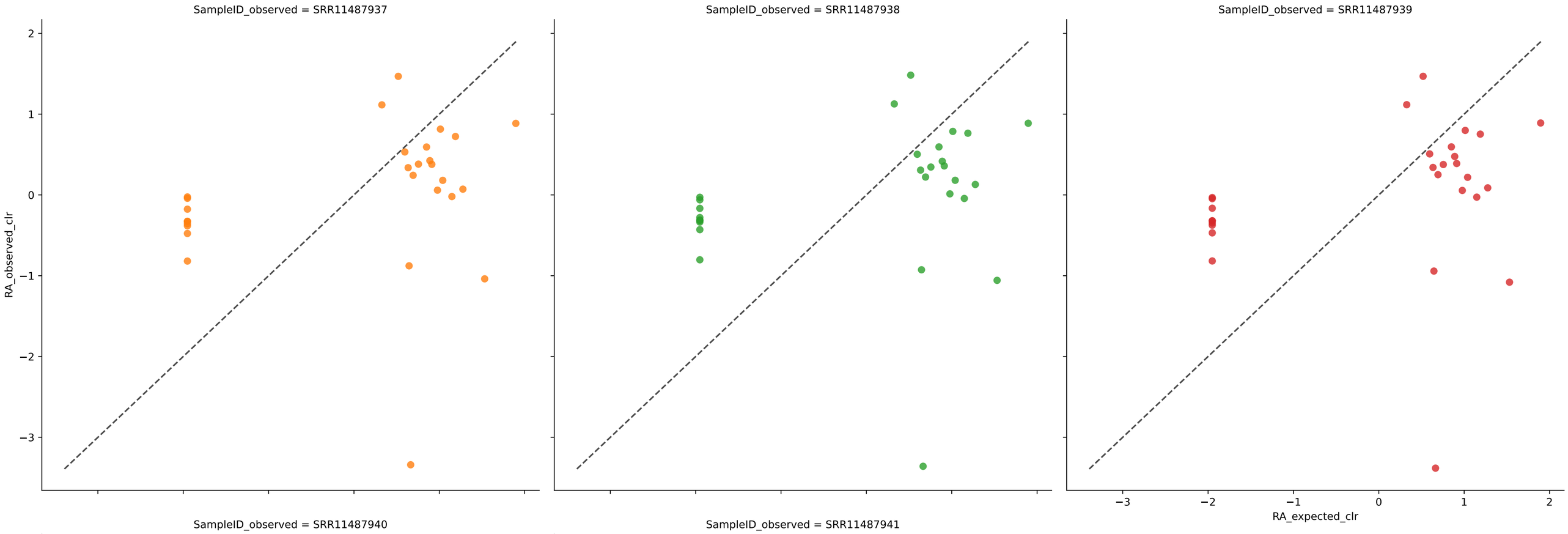
	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	21	0.2045	0.0241	5.5720	0.7471	0.0332	100.0000	9.7260
SRR11487938	21	0.2447	0.0234	5.3203	0.7541	0.0318	100.0000	8.5080
SRR11487939	21	0.1509	0.0249	5.9592	0.7383	0.0372	100.0000	12.4768
SRR11487940	21	0.2637	0.0228	5.2088	0.7611	0.0312	100.0000	8.1274
SRR11487941	21	0.2244	0.0235	5.3818	0.7536	0.0329	100.0000	9.5435
Average	21	0.2176	0.0237	5.4884	0.7508	0.0333	100.0000	9.6763

Expected vs. Observed Relative Abundance for species using wgsa2 in Experiment Amos mixed with filter 0.01



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	21	0.2022	0.0277	10.1334	0.7089	0.0387	89.4737	11.5505
SRR11487938	21	0.2130	0.0277	10.2375	0.7095	0.0387	89.4737	11.3533
SRR11487939	21	0.2142	0.0277	10.1617	0.7092	0.0388	89.4737	11.4097
SRR11487940	21	0.2144	0.0275	10.1575	0.7108	0.0386	89.4737	11.3468
SRR11487941	21	0.2133	0.0276	10.1967	0.7104	0.0387	89.4737	11.4060
Average	21	0.2114	0.0276	10.1774	0.7097	0.0387	89.4737	11.4133

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



	Diversity	R^2	MAE	AD	1-BC	RMSE	Sens	FPRA
SRR11487937	28	0.0895	0.0251	7.5766	0.6489	0.0333	94.7368	18.2358
SRR11487938	28	0.0851	0.0252	7.6508	0.6471	0.0336	94.7368	18.5847
SRR11487939	28	0.0912	0.0248	7.6232	0.6523	0.0333	94.7368	18.2311
SRR11487940	28	0.0872	0.0250	7.6378	0.6493	0.0334	94.7368	18.6178
SRR11487941	28	0.0883	0.0250	7.6308	0.6501	0.0334	94.7368	18.5604
Average	28	0.0883	0.0250	7.6238	0.6495	0.0334	94.7368	18.4460