Normalized RMSE sorted by station-average weighted-average normalized RMSE for all variables aggregated across all stations

Station	Station average	Station-depth average	Aggregated station average for each variable								Aggregated station-depth average for each variable								Highest RMSE from worst-fitting station							
Variable	Wtd-avg RMSE	Wtd-avg RMSE	DO (deep)	DO (all)	DIN	Tot Chla (surf)	Tot Chla (all)	ON	POC	CBOD	DO (deep)	DO (all)	DIN	Tot Chla (surf)	Tot Chla (all)	ON	POC	CBOD	DO (deep)	DO (all)	DIN	Tot Chla (surf)	Tot Chla (all)	ON	POC	CBOD
base7_Gm1Is2_Gm1Ic3_Gm1gmax3_anc5_XPJ17_subset_rmse	0.46	0.46	0.15	0.16	0.34	0.99	1.09	0.65	1.40	0.39	0.13	0.14	0.33	1.12	1.09	0.60	1.19	0.40	0.50	0.42	0.84	4.36	4.23	1.70	3.41	0.56
base7_anc5_XPI08_subset_rmse	0.49	0.48	0.15	0.16	0.41	1.01	1.10	0.69	1.59	0.36	0.12	0.14	0.40	1.11	1.08	0.66	1.37	0.37	0.53	0.42	0.92	4.41	4.30	1.70	3.41	0.55
base7_Gm1Is2_Gm1Ic3_Gm1gmax3_XPB09_subset_rmse	0.51	0.49	0.18	0.18	0.29	0.96	1.00	0.60	2.86	0.59	0.15	0.15	0.29	1.06	1.00	0.55	2.28	0.48	0.71	0.61	0.81	3.68	3.46	1.81	5.80	1.27
base7_Gm1Is2_Gm1Ic3_Gm1gmax2_anc5_XPI17_subset_rmse	0.52	0.52	0.18	0.21	0.35	1.15	1.28	0.61	1.33	0.46	0.15	0.17	0.33	1.27	1.29	0.60	1.09	0.46	0.50	0.40	0.84	4.25	4.14	1.75	3.90	0.74
base7_Gm1Is1_XPC09_subset_rmse	0.55	0.51	0.19	0.20	0.33	1.05	1.07	0.62	3.17	0.62	0.15	0.16	0.33	1.08	1.01	0.60	2.60	0.50	0.74	0.59	0.88	3.74	3.55	1.81	6.32	1.29
base7_Gm1Is1_Gm2Tt2_XPJ03_subset_rmse	0.55	0.51	0.19	0.20	0.33	1.05	1.07	0.62	3.19	0.63	0.15	0.16	0.33	1.09	1.01	0.60	2.60	0.50	0.76	0.60	0.88	3.67	3.49	1.81	6.39	1.33
base7_Gm2Is3_Gm1Is1_Gm2Tt2_XPI03_subset_rmse	0.55	0.51	0.19	0.20	0.33	1.04	1.06	0.61	3.24	0.64	0.15	0.16	0.33	1.08	1.01	0.55	2.60	0.51	0.78	0.61	0.88	3.59	3.39	1.75	6.64	1.36
base7_Gm2Is3_Gm1Is1_XPJ15_subset_rmse	0.55	0.51	0.19	0.20	0.33	1.05	1.07	0.62	3.18	0.63	0.15	0.16	0.33	1.08	1.01	0.60	2.60	0.50	0.77	0.60	0.88	3.69	3.50	1.81	6.32	1.32
base7_Wzero_Rhalf_XPI16_subset_rmse	0.56	0.52	0.19	0.20	0.37	1.06	1.08	0.62	3.13	0.60	0.15	0.17	0.37	1.09	1.01	0.60	2.60	0.48	0.75	0.54	0.88	3.81	3.64	1.86	6.46	1.22
base7_Gm1Tm2_XPI13_subset_rmse	0.57	0.53	0.18	0.19	0.35	1.07	1.07	0.65	3.45	0.63	0.14	0.16	0.37	1.12	1.03	0.60	2.74	0.49	0.72	0.58	0.88	3.70	3.54	1.81	6.64	1.34
base7_Gm2Is3_Gm1Is1_Gm2Tt2_Gm1Tm4_XPI05_subset_rmse	0.57	0.52	0.20	0.21	0.32	1.11	1.16	0.60	3.02	0.64	0.16	0.17	0.29	1.17	1.11	0.55	2.42	0.51	0.82	0.61	0.70	3.67	3.45	1.81	6.22	1.31
base7_foc3_XPB04_subset_rmse	0.57	0.53	0.20	0.21	0.35	1.09	1.10	0.64	3.17	0.64	0.15	0.17	0.37	1.11	1.03	0.60	2.63	0.51	0.77	0.59	0.88	3.76	3.58	1.81	6.43	1.31
base7_Gm1Tm10_XPC11_subset_rmse	0.58	0.54	0.18	0.19	0.35	1.11	1.10	0.65	3.46	0.63	0.15	0.17	0.37	1.16	1.05	0.60	2.81	0.49	0.72	0.58	0.88	3.74	3.58	1.81	6.53	1.34
base7_Gm1Tm8_XPB11_subset_rmse	0.58	0.55	0.22	0.22	0.35	1.07	1.10	0.62	3.22	0.67	0.17	0.18	0.33	1.17	1.09	0.60	2.70	0.53	0.85	0.65	0.88	3.73	3.49	1.81	6.67	1.25
base7_Gm1Ic1_XPI09_subset_rmse	0.58	0.54	0.20	0.21	0.35	1.09	1.10	0.63	3.37	0.65	0.16	0.18	0.37	1.11	1.03	0.60	2.77	0.51	0.79	0.60	0.88	3.76	3.58	1.81	6.78	1.30
base7_thd1_XPB01_subset_rmse	0.58	0.54	0.20	0.21	0.35	1.09	1.10	0.64	3.38	0.63	0.16	0.18	0.37	1.11	1.03	0.60	2.77	0.50	0.78	0.60	0.88	3.76	3.59	1.81	6.81	1.27
base7_fd3_XPB06_subset_rmse	0.58	0.54	0.20	0.21	0.35	1.09	1.10	0.64	3.39	0.63	0.16	0.18	0.37	1.12	1.03	0.60	2.77	0.50	0.78	0.60	0.88	3.76	3.58	1.81	6.85	1.26
base7_Gm2Tt3_XPI14_subset_rmse	0.58	0.54	0.20	0.21	0.35	1.09	1.10	0.64	3.39	0.65	0.16	0.18	0.37	1.12	1.03	0.60	2.77	0.51	0.79	0.60	0.88	3.81	3.63	1.81	6.85	1.30
base7_Gm2Is5_XPI12_subset_rmse	0.58	0.54	0.20	0.21	0.35	1.09	1.10	0.64	3.37	0.64	0.16	0.18	0.37	1.12	1.03	0.60	2.77	0.51	0.81	0.61	0.88	3.85	3.66	1.86	6.85	1.25
base7_Gm2Is3_Gm2Tt2_XPJ11_subset_rmse	0.58	0.54	0.20	0.21	0.35	1.09	1.10	0.63	3.42	0.66	0.16	0.18	0.37	1.11	1.03	0.60	2.81	0.52	0.80	0.61	0.88	3.66	3.48	1.75	6.88	1.37
base7_XPC01_subset_rmse	0.58	0.54	0.20	0.21	0.35	1.09	1.10	0.64	3.39	0.65	0.16	0.18	0.37	1.12	1.03	0.60	2.77	0.51	0.79	0.60	0.88	3.76	3.58	1.81	6.85	1.31
base7_Gm2Tt2_XPC05_subset_rmse	0.58	0.54	0.20	0.21	0.35	1.09	1.10	0.63	3.39	0.65	0.16	0.18	0.37	1.11	1.03	0.60	2.77	0.52	0.79	0.60	0.88	3.71	3.54	1.81	6.85	1.34
base7_Gm2Is3_XPJ07_subset_rmse	0.58	0.54	0.20	0.21	0.36	1.09	1.11	0.63	3.40	0.65	0.16	0.18	0.37	1.11	1.03	0.60	2.77	0.52	0.79	0.61	0.88	3.72	3.54	1.81	6.85	1.34
base7_fd1_XPB05_subset_rmse	0.58	0.54	0.20	0.21	0.35	1.09	1.11	0.64	3.39	0.68	0.16	0.18	0.37	1.12	1.03	0.60	2.77	0.53	0.79	0.61	0.88	3.76	3.58	1.81	6.85	1.38
base7_Gm1Ic3_XPI10_subset_rmse	0.58	0.54	0.20	0.21	0.35	1.10	1.11	0.64	3.41	0.65	0.16	0.18	0.37	1.12	1.04	0.60	2.81	0.51	0.79	0.60	0.88	3.76	3.59	1.81	6.88	1.32
base7_Gm1Is1_Gm2Tt2_Gm1Tm4_XPJ05_subset_rmse	0.58	0.55	0.21	0.22	0.34	1.15	1.19	0.60	2.94	0.64	0.16	0.18	0.33	1.22	1.16	0.55	2.42	0.52	0.83	0.61	0.70	3.64	3.38	1.81	6.11	1.22
base7_thd3_XPB02_subset_rmse	0.58	0.54	0.21	0.22	0.35	1.09	1.11	0.64	3.39	0.68	0.16	0.18	0.37	1.12	1.03	0.60	2.81	0.53	0.80	0.61	0.88	3.76	3.58	1.81	6.85	1.39
base7_Gm2Is3_Gm2Tt2_Gm1Tm4_XPJ13_subset_rmse	0.58	0.54	0.22	0.22	0.34	1.12	1.16	0.60	3.13	0.65	0.17	0.18	0.33	1.18	1.12	0.60	2.56	0.52	0.86	0.62	0.73	3.69	3.44	1.81	6.46	1.30
base7_Gm2gmax1_XPB08_subset_rmse	0.58	0.54	0.20	0.21	0.35	1.10	1.11	0.62	3.46	0.68	0.16	0.17	0.37	1.11	1.03	0.60	2.81	0.53	0.82	0.61	0.88	3.60	3.43	1.75	7.20	1.43
base7_Gm1Is2_Gm1Ic3_Gm1gmax2_XPB10_subset_rmse	0.59	0.55	0.20	0.21	0.35	1.25	1.35	0.61	2.32	0.57	0.16	0.17	0.33	1.31	1.30	0.55	1.79	0.49	0.71	0.51	0.84	4.06	3.80	1.92	4.92	1.23
base7_Gm2gmax2_XPB07_subset_rmse	0.59	0.54	0.22	0.23	0.36	1.10	1.11	0.65	3.36	0.61	0.17	0.18	0.37	1.12	1.03	0.60	2.77	0.49	0.86	0.64	0.88	3.83	3.64	1.97	6.85	1.12
base7_foc1_XPB03_subset_rmse	0.59	0.54	0.21	0.22	0.35	1.09	1.11	0.64	3.61	0.65	0.16	0.18	0.37	1.12	1.03	0.60	2.95	0.52	0.80	0.61	0.88	3.76	3.58	1.81	7.24	1.31
base7_Gm2Tt2_Gm1Tm4_XPC07_subset_rmse	0.60	0.56	0.23	0.23	0.35	1.17	1.19	0.61	3.04	0.66	0.17	0.19	0.33	1.23	1.17	0.60	2.56	0.53	0.86	0.61	0.73	3.65	3.37	1.81	6.39	1.24
base7_W2_R2_XPI15_subset_rmse	0.61	0.55	0.22	0.23	0.34	1.13	1.14	0.66	3.71	0.70	0.17	0.19	0.33	1.16	1.06	0.60	3.02	0.55	0.83	0.69	0.88	3.70	3.52	1.81	7.27	1.43
base7_Gm1Is2_XPI11_subset_rmse	0.61	0.56	0.22	0.23	0.38	1.14	1.15	0.65	3.61	0.68	0.17	0.19	0.37	1.17	1.08	0.60	3.02	0.54	0.84	0.62	0.88	3.78	3.60	1.81	7.34	1.38
base7_Gm2Is3_Gm1Is1_Gm2Tt2_Gm1Tm4_Kn1_XPI06_subset_rmse	0.62	0.57	0.23	0.24	0.37	1.16	1.20	0.62	3.49	0.71	0.17	0.19	0.37	1.21	1.12	0.60	2.81	0.56	0.89	0.63	0.88	3.67	3.44	1.75	7.13	1.50
base7_Gm2Is3_Gm1Is1_Gm1Tm4_XPI01_subset_rmse	0.62	0.57	0.22	0.23	0.37	1.26	1.28	0.62	2.90	0.65	0.17	0.19	0.33	1.30	1.26	0.60	2.42	0.53	0.83	0.56	0.84	3.77	3.49	1.86	6.11	1.21
base7_Gm1Is1_Gm2Tt2_Gm1Tm4_Kn1_XPJ06_subset_rmse	0.62	0.58	0.24	0.24	0.37	1.19	1.22	0.61	3.35	0.71	0.18	0.20	0.37	1.26	1.17	0.60	2.77	0.57	0.89	0.64	0.77	3.68	3.41	1.75	6.85	1.40
base7_Gm2Is3_Gm1Is1_Gm2Tt2_Kn1_XPI04_subset_rmse	0.63	0.57	0.22	0.23	0.39	1.17	1.17	0.64	3.72	0.74	0.17	0.19	0.37	1.19	1.09	0.60	3.06	0.58	0.87	0.63	0.92	3.56	3.36	1.70	7.62	1.54
base7_Gm2Is3_Gm1Tm4_XPJ09_subset_rmse	0.63	0.58	0.23	0.24	0.37	1.26	1.27	0.63	3.01	0.67	0.17	0.19	0.33	1.30	1.25	0.60	2.56	0.54	0.86	0.58	0.81	3.70	3.41	1.86	6.39	1.22
base7_Gm1Is1_Gm2Tt2_Kn1_XPJ04_subset_rmse	0.63	0.57	0.22	0.24	0.39	1.17	1.17	0.65	3.68	0.73	0.17	0.20	0.37	1.19	1.09	0.60	3.06	0.57	0.86	0.63	0.92	3.62	3.43	1.75	7.41	1.49
base7_Gm1Is1_Kn1_XPC10_subset_rmse	0.63	0.58	0.22	0.24	0.40	1.18	1.18	0.64	3.66	0.72	0.17	0.20	0.40	1.19	1.09	0.60	3.02	0.57	0.86	0.63	0.92	3.65	3.48	1.75	7.34	1.47
base7_Gm2Is3_Gm1Is1_Kn1_XPJ16_subset_rmse	0.63	0.58	0.23	0.24	0.40	1.18	1.18	0.64	3.67	0.73	0.17	0.20	0.40	1.19	1.09	0.60	3.06	0.57	0.87	0.63	0.92	3.63	3.46	1.70	7.38	1.49
base7_Kn3_XPI07_subset_rmse	0.63	0.58	0.22	0.24	0.40	1.18	1.18	0.65	3.69	0.71	0.17	0.20	0.40	1.20	1.10	0.60	3.06	0.56	0.86	0.62	0.92	3.70	3.53	1.75	7.45	1.45
base7_Gm2Is3_Gm2Tt2_Gm1Tm4_Kn1_XPJ14_subset_rmse	0.63	0.58	0.24	0.25	0.39	1.17	1.20	0.63	3.57	0.73	0.18	0.21	0.37	1.23	1.14	0.60	2.95	0.57	0.91	0.63	0.88	3.74	3.48	1.75	7.31	1.50
base7_Gm1Is1_Gm1Tm4_XPJ01_subset_rmse	0.64	0.58	0.23	0.24	0.38	1.30	1.32	0.64	2.91	0.65	0.17	0.19	0.33	1.33	1.29	0.60	2.42	0.53	0.83	0.55	0.88	3.97	3.64	1.92	6.11	1.17
base7_Gm1Tm4_XPC03_subset_rmse	0.64	0.59	0.24	0.24	0.38	1.28	1.29	0.64	3.01	0.67	0.18	0.20	0.33	1.32	1.27	0.60	2.56	0.54	0.86	0.57	0.84	3.85	3.52	1.86	6.43	1.20
base7_Gm2Tt2_Gm1Tm4_Kn1_XPC08_subset_rmse	0.64	0.60	0.25	0.26	0.38	1.21	1.23	0.62	3.46	0.73	0.19	0.21	0.37	1.28	1.19	0.60	2.92	0.58	0.91	0.64	0.81	3.72	3.43	1.75	7.09	1.42
base7_Gm2Is3_Gm1Is1_Gm1Tm4_Kn1_XPI02_subset_rmse	0.65	0.61	0.24	0.25	0.39	1.29	1.29	0.62	3.26	0.72	0.18	0.21	0.37	1.34	1.26	0.60	2.77	0.58	0.89	0.61	0.81	3.60	3.28	1.75	6.78	1.36
base7_Gm2Is3_Gm2Tt2_Kn1_XPJ12_subset_rmse	0.66	0.61	0.24	0.25	0.42	1.23	1.22	0.66	3.90	0.76	0.18	0.21	0.40	1.26	1.14	0.60	3.23	0.60	0.89	0.62	0.95	3.65	3.46	1.70	7.83	1.58
base7_Gm2Tt2_Kn1_XPC06_subset_rmse	0.66	0.61	0.24	0.25	0.42	1.24	1.23	0.66	3.88	0.76	0.18	0.21	0.40	1.26	1.15	0.60	3.23	0.59	0.88	0.62	0.95	3.68	3.50	1.75	7.80	1.55
base7_Kn1_XPC02_subset_rmse	0.67	0.61	0.24	0.26	0.42	1.24	1.23	0.66	3.87	0.75	0.18	0.21	0.40	1.27	1.15	0.60	3.23	0.59	0.89	0.62	0.95	3.70	3.52	1.75	7.80	1.54
base7_Gm2Is3_Gm1Tm4_Kn1_XPJ10_subset_rmse	0.67	0.62	0.26	0.26	0.40	1.30	1.29	0.63	3.38	0.74	0.19	0.22	0.37	1.35	1.27	0.60	2.92	0.59	0.91	0.63	0.77	3.66	3.32	1.75	7.06	1.38
base7_Gm2Is3_Kn1_XPJ08_subset_rmse	0.67	0.61	0.24	0.25	0.42	1.24	1.23	0.66	3.88	0.76	0.18	0.21	0.40	1.27	1.15	0.60	3.23	0.59	0.89	0.62	0.95	3.68	3.51	1.75	7.80	1.56
base7_Gm1Is1_Gm1Tm4_Kn1_XPJ02_subset_rmse	0.67	0.62	0.25	0.26	0.40	1.35	1.34	0.64	3.24	0.72	0.19	0.21	0.37	1.37	1.30	0.60	2.77	0.58	0.89	0.58	0.88	3.70	3.49	1.81	6.81	1.33
base7_Gm1Tm4_Kn1_XPC04_subset_rmse	0.67	0.62	0.26	0.27	0.41	1.32	1.31	0.64	3.36	0.74	0.19	0.22	0.37	1.37	1.29	0.60	2.88	0.59	0.91	0.63	0.81	3.70	3.34	1.81	7.06	1.36