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
base8_anc7_XPB08_subset_rmse	0.54	0.50	0.18	0.19	0.38	1.05	1.10	0.63	2.71	0.53	0.14	0.15	0.37	1.08	1.03	0.60	2.25	0.43	0.76	0.54	0.88	3.93	3.79	1.64	5.94	1.08
base8_Gm1Is7Tm10_Gm2Is9Tm12_XPI13_subset_rmse	0.54	0.49	0.20	0.20	0.33	1.00	1.05	0.59	3.10	0.64	0.15	0.16	0.29	1.02	0.97	0.55	2.49	0.51	0.83	0.63	0.84	3.56	3.39	1.70	6.88	1.40
base8_Kd2_XPI11_subset_rmse	0.55	0.50	0.19	0.20	0.35	1.02	1.09	0.62	2.95	0.66	0.15	0.15	0.33	1.05	1.01	0.60	2.39	0.52	0.82	0.60	0.84	3.90	3.76	1.64	6.60	1.54
base8_Gm2Is9Tm12gmax6_XPJ13_subset_rmse	0.55	0.50	0.19	0.20	0.35	1.02	1.07	0.60	3.19	0.63	0.15	0.15	0.33	1.05	0.99	0.55	2.60	0.49	0.82	0.61	0.84	3.58	3.41	1.70	7.02	1.39
base8_Kr3_XPI09_subset_rmse	0.56	0.51	0.20	0.20	0.34	1.08	1.13	0.58	3.06	0.61	0.15	0.16	0.33	1.09	1.02	0.55	2.49	0.48	0.84	0.61	0.84	3.73	3.59	1.70	6.78	1.37
base8_Gm2Is9Tm12_XPJ12_subset_rmse	0.57	0.51	0.20	0.20	0.35	1.05	1.10	0.61	3.26	0.64	0.15	0.16	0.33	1.08	1.01	0.55	2.67	0.50	0.84	0.62	0.84	3.70	3.54	1.70	7.16	1.42
base8_Gm1Is7Tm10gmax4_XPJ01_subset_rmse	0.57	0.52	0.21	0.21	0.34	1.07	1.12	0.57	3.02	0.66	0.16	0.17	0.33	1.12	1.05	0.55	2.49	0.52	0.88	0.64	0.81	3.63	3.44	1.70	6.74	1.39
base8_Gm1Is7Tm10_XPC11_subset_rmse	0.57	0.52	0.21	0.22	0.35	1.07	1.11	0.59	3.21	0.67	0.16	0.17	0.33	1.08	1.01	0.55	2.63	0.52	0.87	0.63	0.84	3.61	3.43	1.70	7.09	1.42
base8_Gm2Is9Tm12gmax8_XPJ14_subset_rmse	0.58	0.52	0.20	0.21	0.35	1.08	1.12	0.61	3.35	0.66	0.16	0.16	0.33	1.10	1.02	0.55	2.74	0.51	0.86	0.62	0.84	3.72	3.57	1.70	7.27	1.44
base8_Gm1Tm10_XPC05_subset_rmse	0.58	0.52	0.21	0.22	0.35	1.07	1.11	0.60	3.28	0.67	0.16	0.17	0.33	1.08	1.01	0.55	2.70	0.53	0.87	0.63	0.84	3.60	3.43	1.70	7.24	1.43
base8_Wzero_Rhalf_XPI17_subset_rmse	0.58	0.52	0.20	0.21	0.38	1.10	1.14	0.59	3.17	0.63	0.15	0.16	0.37	1.11	1.04	0.55	2.63	0.49	0.83	0.56	0.84	3.74	3.60	1.70	7.02	1.36
base8_Gm2Tt2Is9_XPB03_subset_rmse	0.58	0.52	0.20	0.20	0.35	1.10	1.13	0.63	3.43	0.65	0.15	0.16	0.33	1.11	1.03	0.55	2.74	0.50	0.83	0.61	0.84	3.68	3.53	1.75	7.24	1.45
base8_Gm2gmax6_XPJ07_subset_rmse	0.58	0.52	0.21	0.21	0.36	1.09	1.13	0.61	3.33	0.66	0.16	0.17	0.33	1.11	1.03	0.55	2.74	0.51	0.86	0.62	0.84	3.70	3.54	1.70	7.27	1.42
base8_Gm1gmax4_XPC06_subset_rmse	0.58	0.52	0.21	0.21	0.35	1.10	1.15	0.59	3.23	0.64	0.16	0.17	0.33	1.11	1.03	0.55	2.63	0.51	0.88	0.63	0.84	3.70	3.56	1.70	7.06	1.42
base8_Gm1Is6Tm9_Gm2Is9Tm12_XPI15_subset_rmse	0.58	0.53	0.20	0.21	0.36	1.09	1.14	0.62	3.39	0.64	0.16	0.16	0.37	1.12	1.04	0.60	2.77	0.50	0.84	0.61	0.84	3.79	3.66	1.70	7.13	1.44
base8_Gm2Is9_XPJ04_subset_rmse	0.59	0.53	0.21	0.21	0.36	1.10	1.14	0.61	3.36	0.66	0.16	0.17	0.33	1.12	1.04	0.55	2.77	0.51	0.86	0.62	0.84	3.71	3.56	1.70	7.27	1.43
base8_Gm1Kn9_Gm2Kn8_XPI07_subset_rmse	0.59	0.53	0.21	0.21	0.36	1.11	1.14	0.60	3.33	0.65	0.16	0.17	0.33	1.12	1.04	0.55	2.74	0.51	0.87	0.62	0.84	3.72	3.57	1.70	7.24	1.42
base8_Gm2kn8_XPI01_subset_rmse	0.59	0.53	0.21	0.21	0.37	1.11	1.14	0.61	3.37	0.66	0.16	0.17	0.37	1.12	1.04	0.55	2.77	0.51	0.87	0.62	0.84	3.71	3.56	1.70	7.31	1.43
base8_Gm1Is7_XPC03_subset_rmse	0.59	0.54	0.21	0.22	0.36	1.11	1.15	0.60	3.35	0.66	0.16	0.17	0.37	1.13	1.05	0.55	2.74	0.51	0.88	0.62	0.84	3.70	3.56	1.70	7.27	1.44
base8_Gm1Kn7_Gm2Kn8_XPI04_subset_rmse	0.59	0.54	0.21	0.21	0.37	1.11	1.14	0.62	3.41	0.67	0.16	0.17	0.37	1.12	1.04	0.60	2.81	0.52	0.87	0.62	0.88	3.69	3.53	1.70	7.38	1.44
base8_ICzero_Jan07_XPB05_subset_rmse	0.59	0.57	0.24	0.23	0.39	1.13	1.17	0.57	2.90	0.67	0.21	0.19	0.40	1.19	1.11	0.55	2.46	0.54	0.87	0.61	0.88	3.71	3.57	1.75	6.25	1.36
base8_ICOBC_Jan07_XPB07_subset_rmse	0.59	0.54	0.21	0.22	0.36	1.10	1.14	0.62	3.44	0.67	0.16	0.17	0.37	1.12	1.03	0.60	2.81	0.52	0.88	0.63	0.84	3.69	3.54	1.70	7.34	1.43
base8_Gm2Tt2_XPB01_subset_rmse	0.59	0.54	0.20	0.21	0.36	1.12	1.15	0.63	3.54	0.67	0.16	0.17	0.37	1.14	1.05	0.60	2.84	0.51	0.85	0.62	0.84	3.66	3.51	1.70	7.45	1.48
base8_Gm1Kn9_XPI05_subset_rmse	0.59	0.54	0.21	0.22	0.36	1.12	1.16	0.60	3.39	0.66	0.16	0.17	0.37	1.13	1.05	0.55	2.77	0.52	0.88	0.62	0.84	3.70	3.56	1.70	7.31	1.44
base8_XPC01_subset_rmse	0.60	0.54	0.21	0.22	0.37	1.12	1.16	0.61	3.42	0.67	0.16	0.17	0.37	1.14	1.05	0.55	2.81	0.52	0.88	0.62	0.84	3.70	3.56	1.70	7.38	1.45
base8_Gm1Kn7_XPI02_subset_rmse	0.60	0.54	0.21	0.22	0.37	1.12	1.15	0.62	3.46	0.68	0.16	0.17	0.37	1.14	1.05	0.60	2.84	0.53	0.88	0.62	0.88	3.70	3.55	1.70	7.45	1.46
base8_Gm1Is6_XPC02_subset_rmse	0.60	0.55	0.21	0.22	0.37	1.13	1.16	0.62	3.50	0.68	0.16	0.17	0.37	1.14	1.06	0.60	2.88	0.53	0.88	0.62	0.84	3.70	3.56	1.70	7.52	1.46
base8_Gm1Is7Tm10_Gm2Is8Tm11_XPI12_subset_rmse	0.60	0.54	0.22	0.23	0.37	1.14	1.16	0.60	3.33	0.69	0.17	0.18	0.33	1.14	1.06	0.60	2.74	0.54	0.90	0.63	0.84	3.63	3.47	1.70	7.27	1.44
base8_Gm1Is6Tm9gmax4_XPC09_subset_rmse	0.61	0.55	0.21	0.22	0.36	1.17	1.19	0.60	3.39	0.64	0.16	0.17	0.37	1.16	1.08	0.55	2.77	0.50	0.88	0.62	0.84	3.71	3.59	1.70	7.34	1.44
base8_Gm2Is8_XPJ03_subset_rmse	0.61	0.55	0.22	0.22	0.37	1.14	1.18	0.61	3.48	0.68	0.17	0.18	0.37	1.15	1.07	0.60	2.88	0.53	0.89	0.63	0.84	3.70	3.56	1.70	7.52	1.47
base8_Gm1Is7Tm10gmax6_XPJ02_subset_rmse	0.61	0.55	0.22	0.22	0.38	1.13	1.14	0.63	3.58	0.71	0.16	0.18	0.37	1.14	1.05	0.60	2.92	0.55	0.87	0.62	0.88	3.59	3.43	1.70	7.62	1.50
base8_Gm2Is8Tm11gmax6_XPJ10_subset_rmse	0.61	0.55	0.22	0.22	0.37	1.15	1.18	0.61	3.46	0.68	0.16	0.18	0.37	1.16	1.07	0.60	2.84	0.52	0.89	0.63	0.84	3.70	3.55	1.70	7.45	1.44
base8_Gm2Tt2Is8_XPB02_subset_rmse	0.61	0.55	0.21	0.22	0.36	1.14	1.17	0.64	3.66	0.69	0.16	0.17	0.37	1.15	1.06	0.60	2.92	0.53	0.87	0.62	0.84	3.62	3.46	1.70	7.62	1.54
base8_Gm2gmax8_XPJ08_subset_rmse	0.61	0.55	0.22	0.22	0.37	1.15	1.18	0.62	3.51	0.69	0.17	0.18	0.37	1.16	1.07	0.60	2.88	0.53	0.89	0.62	0.84	3.69	3.55	1.70	7.48	1.47
base8_Gm1Tm9_XPC04_subset_rmse	0.61	0.55	0.22	0.22	0.37	1.16	1.19	0.62	3.51	0.66	0.16	0.18	0.37	1.17	1.08	0.60	2.88	0.51	0.88	0.62	0.84	3.71	3.59	1.70	7.38	1.46
base8_Gm2Tm11_XPJ05_subset_rmse	0.61	0.56	0.22	0.22	0.37	1.17	1.19	0.62	3.50	0.68	0.16	0.18	0.37	1.17	1.08	0.60	2.88	0.53	0.89	0.62	0.84	3.68	3.54	1.70	7.45	1.45
base8_Gm2Tm12_XPJ06_subset_rmse	0.61	0.56	0.22	0.22	0.37	1.17	1.19	0.62	3.50	0.68	0.16	0.18	0.37	1.17	1.08	0.60	2.88	0.53	0.89	0.62	0.84	3.68	3.54	1.70	7.45	1.45
base8_Gm1Kn9_Gm2Kn6_XPI06_subset_rmse	0.62	0.56	0.22	0.23	0.37	1.17	1.20	0.61	3.52	0.69	0.17	0.18	0.37	1.17	1.08	0.60	2.88	0.53	0.90	0.63	0.84	3.68	3.55	1.70	7.52	1.49
base8_Gm2kn6_XPB10_subset_rmse	0.62	0.56	0.22	0.23	0.37	1.16	1.19	0.62	3.56	0.69	0.17	0.18	0.37	1.17	1.08	0.60	2.92	0.53	0.90	0.63	0.84	3.68	3.54	1.70	7.55	1.49
base8_Gm1Is6Tm9_XPC08_subset_rmse	0.62	0.56	0.22	0.23	0.37	1.17	1.19	0.63	3.59	0.68	0.16	0.18	0.37	1.18	1.08	0.60	2.95	0.52	0.88	0.62	0.84	3.72	3.59	1.70	7.48	1.48
base8_Kd4_XPI10_subset_rmse	0.62	0.56	0.22	0.23	0.37	1.17	1.19	0.60	3.60	0.67	0.17	0.18	0.37	1.18	1.08	0.55	2.95	0.52	0.90	0.63	0.88	3.63	3.49	1.70	7.66	1.41
base8_Gm1Kn7_Gm2Kn6_XPI03_subset_rmse	0.62	0.56	0.22	0.23	0.38	1.16	1.19	0.62	3.59	0.70	0.17	0.18	0.37	1.17	1.08	0.60	2.95	0.54	0.90	0.63	0.88	3.68	3.54	1.70	7.62	1.50
base8_W2_R2_XPI16_subset_rmse	0.62	0.56	0.23	0.23	0.35	1.16	1.18	0.63	3.75	0.73	0.17	0.18	0.33	1.18	1.07	0.60	3.06	0.57	0.92	0.71	0.84	3.66	3.51	1.64	7.87	1.56
base8_Kr2_XPI08_subset_rmse	0.62	0.56	0.23	0.23	0.38	1.15	1.18	0.62	3.68	0.72	0.17	0.18	0.37	1.17	1.07	0.60	3.06	0.55	0.90	0.63	0.88	3.69	3.54	1.70	7.80	1.52
base8_Gm2Is8Tm11_XPJ09_subset_rmse	0.63	0.57	0.22	0.23	0.38	1.19	1.21	0.62	3.56	0.69	0.17	0.18	0.37	1.19	1.10	0.60	2.95	0.54	0.90	0.63	0.88	3.68	3.54	1.70	7.59	1.47
base8_Gm1gmax6_XPC07_subset_rmse	0.63	0.57	0.22	0.23	0.39	1.16	1.17	0.65	3.76	0.74	0.17	0.18	0.40	1.18	1.08	0.60	3.13	0.57	0.88	0.62	0.88	3.64	3.48	1.70	7.83	1.57
base8_Gm1gmax8_Gm2gmax4_XPB11_subset_rmse	0.63	0.59	0.21	0.23	0.39	1.18	1.17	0.69	3.86	0.71	0.16	0.19	0.40	1.24	1.12	0.60	3.13	0.54	0.79	0.61	0.92	3.60	3.45	1.75	7.34	1.47
base8_Gm2Tt4_XPB04_subset_rmse	0.63	0.57	0.22	0.22	0.38	1.18	1.19	0.67	3.84	0.71	0.16	0.18	0.37	1.20	1.09	0.60	3.06	0.54	0.87	0.62	0.88	3.59	3.42	1.75	7.73	1.62
base8_Gm2Is8Tm11gmax8_XPJ11_subset_rmse	0.64	0.58	0.23	0.24	0.39	1.23	1.24	0.62	3.65	0.71	0.17	0.19	0.37	1.22	1.12	0.60	3.02	0.55	0.91	0.63	0.88	3.68	3.54	1.70	7.76	1.51
base8_Gm1Is6Tm9gmax6_XPC10_subset_rmse	0.65	0.59	0.23	0.24	0.40	1.20	1.21	0.67	3.91	0.75	0.17	0.19	0.40	1.24	1.12	0.60	3.27	0.58	0.88	0.62	0.88	3.72	3.59	1.70	7.90	1.60
base8_Gm1Is6Tm9_Gm2Is8Tm11_XPI14_subset_rmse	0.65	0.58	0.23	0.24	0.39	1.23	1.24	0.64	3.74	0.71	0.17	0.19	0.37	1.24	1.13	0.60	3.09	0.54	0.91	0.62	0.88	3.70	3.57	1.70	7.87	1.54
base8_anc6_XPB06_subset_rmse	0.70	0.62	0.26	0.27	0.35	1.29	1.32	0.58	4.49	0.89	0.20	0.21	0.33	1.30	1.18	0.55	3.62	0.68	1.05	0.75	0.84	3.45	3.33	1.70	9.52	2.00