

Input parameters	Basis functions	RMSE	r^2	r^2 -spatial	Intercept	Intercept-spatial	k	k -spatial
Chl- a , daylength	14	0.941	0.805	0.438	0.478	-2.378	0.766	1.790
Chl- a , depth	9	1.053	0.712	0.432	0.582	-0.912	0.694	1.255
Chl- a , salinity	12	0.967	0.801	0.459	0.462	-0.512	0.775	1.105
Chl- a , temperature	15	0.808	0.843	0.516	0.357	1.294	0.826	0.824
Chl- a , day length, depth	11	0.763	0.845	0.501	0.410	-1.517	0.803	1.220
Chl- a , day length, sal.	15	0.857	0.846	0.447	0.362	1.280	0.817	0.955
Chl- a , day length, temp.	9	0.747	0.854	0.503	0.316	-4.103	0.850	2.493