

Input parameters	Basis functions	RMSE	r^2	r^2 -spatial	Intercept	Intercept-spatial	k	k -spatial
Chl- <i>a</i> , daylength	15	0.943	0.805	0.376	0.491	2.423	0.766	0.493
Chl- <i>a</i> , depth	12	0.926	0.789	0.624	0.532	-2.780	0.763	1.476
Chl- <i>a</i> , salinity	15	0.748	0.887	0.598	0.253	-3.777	0.895	1.742
Chl- <i>a</i> , temperature	15	0.713	0.879	0.606	0.261	-9.958	0.886	2.893
Chl- <i>a</i> , day length, depth	15	0.631	0.910	0.641	0.294	-6.182	0.884	2.010
Chl- <i>a</i> , day length, sal.	14	0.653	0.913	0.621	0.236	-2.923	0.886	1.735
Chl- <i>a</i> , day length, temp.	12	0.643	0.903	0.681	0.234	-8.215	0.889	2.690