

Scenario	Period	Obs. mean $\mu\text{g m}^{-3}$	Sim. mean $\mu\text{g m}^{-3}$	RMSE $\mu\text{g m}^{-3}$	Corr. %	MFB %	MFE %	No. sites
Base	Summer	0.82	0.98	0.70	31.8	7.7	71.3	187
$\gamma = 10^{-3}$	Summer	0.82	0.83	0.62	31.4	-5.3	70.3	187
$\gamma = 10^{-4}$	Summer	0.82	0.92	0.66	32.0	3.2	70.5	187
$\gamma = 10^{-5}$	Summer	0.82	0.96	0.69	31.9	6.8	71.1	187
Base	Winter	1.30	1.20	0.96	45.8	-12.8	64.5	187
$\gamma = 10^{-3}$	Winter	1.30	1.08	0.93	45.1	-21.1	64.3	187
$\gamma = 10^{-4}$	Winter	1.30	1.18	0.95	45.6	-14.1	64.4	187
$\gamma = 10^{-5}$	Winter	1.30	1.20	0.96	45.8	-12.9	64.4	187