

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	1.36	2.17	1.41	20.2	46.7	72.2	46
$\gamma = 10^{-3}$	Summer	1.36	0.63	1.07	-26.1	-70.1	96.4	46
$\gamma = 10^{-4}$	Summer	1.36	1.48	1.08	-2.0	7.3	63.2	46
$\gamma = 10^{-5}$	Summer	1.36	1.30	1.30	18.1	38.0	68.9	46
Base	Winter	0.77	0.37	0.57	26.2	-63.3	88.7	19
$\gamma = 10^{-3}$	Winter	0.77	0.31	0.60	29.7	-78.9	98.0	19
$\gamma = 10^{-4}$	Winter	0.77	0.36	0.58	27.5	-65.9	90.1	19
$\gamma = 10^{-5}$	Winter	0.77	0.37	0.57	26.5	-63.6	88.9	19