

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	12.6	21.9	18.1	17.8	36.7	62.7	176
$\gamma = 10^{-3}$	Summer	12.6	24.1	20.5	18.3	41.2	66.3	176
$\gamma = 10^{-4}$	Summer	12.6	22.1	18.4	17.8	37.2	63.1	176
$\gamma = 10^{-5}$	Summer	12.6	21.9	18.1	17.8	37.0	62.9	176
Base	Winter	12.3	13.0	11.4	31.3	2.8	60.9	166
$\gamma = 10^{-3}$	Winter	12.3	12.6	11.1	31.4	0.6	60.4	166
$\gamma = 10^{-4}$	Winter	12.3	12.9	11.4	31.4	2.4	60.8	166
$\gamma = 10^{-5}$	Winter	12.3	13.0	11.4	31.3	2.7	60.9	166