

Geographical sector	No. of sites	MB (ppbv, $\mu\text{g m}^{-3}$ )	NMB (%)	RMSE (ppbv, $\mu\text{g m}^{-3}$ )	NMSE (%)	<i>r</i>
O <sub>3</sub> (ppbv)						
Northern	15	3.0 (3.1) <sup>a</sup>	15.5 (15.8)	8.4 (4.4)	14.5 (4.2)	0.57 (0.73)
Southeastern	69	5.7 (5.8)	24.9 (25.1)	12.1 (7.5)	19.0 (7.8)	0.66 (0.86)
Southwestern	54	4.2 (4.2)	20.6 (20.8)	12.6 (5.8)	27.8 (6.3)	0.54 (0.87)
PM <sub>2.5</sub> ( $\mu\text{g m}^{-3}$ )						
Northern	9	-0.7 (-0.6)	-14.4 (-12.0)	6.5 (2.6)	201 (34.6)	0.08 (0.09)
Southeastern	36	-0.2 (-0.2)	-2.1 (-1.8)	8.9 (5.5)	69.7 (29.0)	0.58 (0.79)
Southwestern	9	-3.3 (-3.2)	-34.3 (-34.1)	19.4 (10.3)	257 (102.9)	0.37 (0.63)
NO <sub>2</sub> (ppbv)						
Northern	10	0.3 (0.4)	8.3 (12.9)	5.6 (2.0)	104 (28.5)	0.56 (0.52)
Southeastern	30	2.6 (2.6)	45.7 (47.0)	10.3 (5.4)	139 (54.9)	0.45 (0.58)
Southwestern	55	1.4 (1.7)	20.2 (26.4)	9.0 (2.7)	90.4 (11.9)	0.55 (0.82)
SO <sub>2</sub> ( $\mu\text{g m}^{-3}$ )						
Northern	18	9.9 (10.1)	325. (334.)	30.6 (14.0)	1360 (537.0)	0.09 (-0.08)
Southeastern	17	6.2 (6.2)	183 (187)	17.7 (8.7)	663 (235.0)	0.10 (0.04)
Southwestern	50	-0.5 (-0.5)	-11.5 (-11.3)	17.1 (3.0)	1190 (49.9)	0.10 (0.35)