

	Number of sites	Obs (AMS) mean ($\mu\text{g m}^{-3}$)	Model (UKCA)													
			Control		Iso		BB		Ant		AllSources		Ant (40 %)		Iso (3 %)	
			mean ($\mu\text{g m}^{-3}$)	NMB (%)	mean ($\mu\text{g m}^{-3}$)	NMB (%)	mean ($\mu\text{g m}^{-3}$)	NMB (%)	mean ($\mu\text{g m}^{-3}$)	NMB (%)	mean ($\mu\text{g m}^{-3}$)	NMB (%)	mean ($\mu\text{g m}^{-3}$)	NMB (%)	mean ($\mu\text{g m}^{-3}$)	NMB (%)
all sites	37	3.68	0.33	-91	0.59	-84	0.38	-90	1.30	-65	1.83	-50	3.32	-10	0.39	-89
Site type																
urban	14	4.76	0.36	-93	0.64	-86	0.42	-91	1.28	-53	1.92	-60	3.17	-34	0.42	-91
urban downwind	6	3.93	0.59	-85	1.07	-73	0.63	-84	1.85	-53	2.55	-35	4.50	14	0.70	-82
remote	17	2.70	0.22	-92	0.38	-86	0.26	-90	1.12	-58	1.50	-44	3.02	12	0.26	-90
Continent																
Europe	13	4.20	0.15	-93	0.24	-88	0.16	-92	0.84	-58	0.97	-52	2.25	12	0.18	-91
North America	12	2.02	0.70	-83	1.26	-70	0.79	-81	1.68	-60	2.64	-37	3.72	-12	0.83	-80
Asia	12	4.77	0.11	-98	0.22	-95	0.16	-97	1.35	-72	1.81	-62	3.94	-17	0.14	-97