

	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	1.25	0.71	-43	0.70	-43	0.69	-45	0.69	-44	0.69	-45	0.68	-45	0.72	-41
Site type																
urban	14	2.79	0.84	-70	0.82	-71	0.82	-71	0.82	-70	0.82	-71	0.82	-71	0.84	-70
urban downwind	6	0.78	0.45	-41	0.46	-41	0.45	-42	0.45	-42	0.45	-42	0.45	-42	0.46	-40
remote	17	0.14	0.70	410	0.69	400	0.67	391	0.67	384	0.66	375	0.65	373	0.70	409
Continent																
Europe	13	0.77	0.32	-59	0.31	-59	0.31	-59	0.31	-59	0.31	-60	0.31	-60	0.32	-58
North America	12	1.65	0.58	-65	0.56	-66	0.55	-67	0.56	-66	0.56	-66	0.56	-66	0.58	-65
Asia	12	1.28	1.26	-2	1.25	-2	1.22	-5	1.22	-5	1.20	-6	1.20	-7	1.27	-1