



Corrigendum to
“Coarse-mode mineral dust size distributions, composition and optical properties from AER-D aircraft measurements over the tropical eastern Atlantic” published in Atmos. Chem. Phys., 18, 17225–17257, 2018

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The data provided in Table 5 were incorrect and are now provided correctly. These data describe the lognormal mode parameters for the observed size distributions. The original paper used an older version of parameters which were incorrect. Follow-on data, figures and conclusions throughout the paper which rely on data in Table 5 remain unchanged as the code used to produce them used the correct version of data in Table 5. The corrected data for Table 5 are given below.

Table 5. Lognormal mode properties for the number size distribution. Diameters are given in microns and number concentrations in ambient cm^{-3} . d_{pg} represents the median diameter, σ_{g} represents the geometric standard deviation and N_{tot} represents the total aerosol number concentration.

			Mode 1	Mode 2	Mode 3	Mode 4
SAL	d_{pg}	Mean	0.107	0.849	1.333	3.243
		σ_{g}	2.162	1.171	1.985	1.995
		N_{tot}	3.80×10^2	7.25×10^0	1.41×10^1	7.96×10^{-2}
	d_{pg}	Min	0.142	0.838	2.176	10.347
		σ_{g}	1.657	1.267	1.566	1.300
		N_{tot}	1.14×10^2	2.84×10^0	1.50×10^0	5.20×10^{-3}
	d_{pg}	Max	0.089	0.576	1.445	5.250
		σ_{g}	2.200	1.500	2.000	2.000
		N_{tot}	1.14×10^3	2.27×10^2	5.90×10^1	5.96×10^{-2}
MBL	d_{pg}	Mean	0.148	0.499	3.793	11.682
		σ_{g}	1.440	1.900	1.364	1.680
		N_{tot}	3.16×10^2	1.40×10^1	1.43×10^0	9.04×10^{-3}
	d_{pg}	Min	0.133	0.686	3.288	10.457
		σ_{g}	1.483	1.500	1.500	1.300
		N_{tot}	1.35×10^2	2.39×10^0	6.60×10^{-1}	1.27×10^{-3}
	d_{pg}	Max	0.151	0.457	3.317	11.026
		σ_{g}	1.424	1.900	1.448	1.728
		N_{tot}	4.86×10^2	2.86×10^1	2.91×10^0	1.91×10^{-2}