

**eTable. Differences of environmental variables in Rome (daily mean, standard deviation, SD, percentiles, interquartile range, IQR) and Pearson's correlation coefficients between environmental variables.**

	Unit	Daily mean (SD)	Percentiles				IQR	Pearson's Correlation Coefficient				
			25th	50th	75th			Pressure	Apparent T	PM10	PM2.5	Particles Number Concentration
Barometric pressure	hpa	0.00 (9.5)	-5.1	0.0	5.1	10.3	1					
Apparent temperature	°C	-0.02 (4.4)	-2.8	0.0	2.7	5.5	-0.06	1				
PM <sub>10</sub>	µg/m <sup>3</sup>	0.20 (23.4)	-12.0	0.1	12.3	24.3	0.40	0.21	1			
PM <sub>2.5</sub>	µg/m <sup>3</sup>	0.04 (15.6)	-8.6	0.0	8.6	17.2	0.48	0.17	0.82	1		
Particles Number Concentration	n/cm <sup>3</sup>	439.92 (19696)	-7739	204	8453	16192	0.35	-0.18	0.51	0.49	1	