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## Supplementary Materials:

# PM<sub>2.5</sub> Pollution Levels and Chemical Components at Teahouses Along the Poon Hill Trek in Nepal

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**Table S1.** LDLs and summary statistics for the mean (of the sampling period) of samples inside or outside teahouses in villages along the Poon Hill circuit trek, Nepal, May 2019.

Variable	LDL Mass ( $\mu\text{g}$ )	LDL Concentration Range	Below LDL, n (%)	Above LDL, n (%)
Sampling time, minutes	NA	NA	a	a
PM <sub>2.5</sub> , $\mu\text{g}/\text{m}^3$	0.1	0.2, 0.3	a	a
PM <sub>2.5</sub> aluminum (Al), $\mu\text{g}/\text{m}^3$	0.012	0.029, 0.031	a	a
PM <sub>2.5</sub> antimony (Sb), $\mu\text{g}/\text{m}^3$	0.24	0.57, 0.59	5 (100)	0 (0)
PM <sub>2.5</sub> arsenic (As), $\mu\text{g}/\text{m}^3$	0.0024	0.0057, 0.0059	5 (100)	0 (0)
PM <sub>2.5</sub> barium (Ba), $\mu\text{g}/\text{m}^3$	0.0047	0.011, 0.012	a	a
PM <sub>2.5</sub> black carbon (BC), $\mu\text{g}/\text{m}^3$	0.5	1.2, 1.3	5 (100)	0 (0)
PM <sub>2.5</sub> bromine (Br), $\mu\text{g}/\text{m}^3$	0.0021	0.0050, 0.0052	a	a
PM <sub>2.5</sub> brown carbon (BrC), $\mu\text{g}/\text{m}^3$	0.5	1.2, 1.3	a	a
PM <sub>2.5</sub> cadmium (Cd), $\mu\text{g}/\text{m}^3$	0.082	0.20, 0.21	5 (100)	0 (0)
PM <sub>2.5</sub> caesium (Cs), $\mu\text{g}/\text{m}^3$	0.0024	0.0057, 0.0059	a	a
PM <sub>2.5</sub> calcium (Ca), $\mu\text{g}/\text{m}^3$	0.0022	0.0054, 0.0057	a	a
PM <sub>2.5</sub> cerium (Ce), $\mu\text{g}/\text{m}^3$	0.0024	0.0057, 0.0059	5 (100)	0 (0)
PM <sub>2.5</sub> chlorine (Cl), $\mu\text{g}/\text{m}^3$	0.0019	0.0046, 0.0048	a	a
PM <sub>2.5</sub> chromium (Cr), $\mu\text{g}/\text{m}^3$	0.0013	0.0031, 0.0033	a	a
PM <sub>2.5</sub> cobalt (Co), $\mu\text{g}/\text{m}^3$	0.00096	0.0023, 0.0024	5 (100)	0 (0)
PM <sub>2.5</sub> copper (Cu), $\mu\text{g}/\text{m}^3$	0.0016	0.0038, 0.0039	a	a
PM <sub>2.5</sub> indium (In), $\mu\text{g}/\text{m}^3$	0.12	0.29, 0.31	5 (100)	0 (0)
PM <sub>2.5</sub> iron (Fe), $\mu\text{g}/\text{m}^3$	0.0016	0.0040, 0.0042	a	a
PM <sub>2.5</sub> lead (Pb), $\mu\text{g}/\text{m}^3$	0.0049	0.012, 0.012	a	a
PM <sub>2.5</sub> magnesium (Mg), $\mu\text{g}/\text{m}^3$	0.0050	0.012, 0.013	a	a
PM <sub>2.5</sub> manganese (Mn), $\mu\text{g}/\text{m}^3$	0.0018	0.0042, 0.0044	a	a
PM <sub>2.5</sub> molybdenum (Mo), $\mu\text{g}/\text{m}^3$	0.012	0.028, 0.030	5 (100)	0 (0)
PM <sub>2.5</sub> nickel (Ni), $\mu\text{g}/\text{m}^3$	0.0010	0.0024, 0.0025	a	a
PM <sub>2.5</sub> phosphorus (P), $\mu\text{g}/\text{m}^3$	0.0024	0.0059, 0.0062	a	a
PM <sub>2.5</sub> potassium (K), $\mu\text{g}/\text{m}^3$	0.0019	0.0047, 0.0049	a	a
PM <sub>2.5</sub> rubidium (Rb), $\mu\text{g}/\text{m}^3$	0.0023	0.0057, 0.0059	a	a
PM <sub>2.5</sub> selenium (Se), $\mu\text{g}/\text{m}^3$	0.0022	0.0054, 0.0057	5 (100)	0 (0)
PM <sub>2.5</sub> silicon (Si), $\mu\text{g}/\text{m}^3$	0.0064	0.015, 0.016	a	a
PM <sub>2.5</sub> silver (Ag), $\mu\text{g}/\text{m}^3$	0.055	0.13, 0.14	5 (100)	0 (0)
PM <sub>2.5</sub> sodium (Na), $\mu\text{g}/\text{m}^3$	0.010	0.025, 0.026	a	a

Variable	LDL Mass ( $\mu\text{g}$ )	LDL Concentration Range	Below LDL, n (%)	Above LDL, n (%)
PM <sub>2.5</sub> strontium (Sr), $\mu\text{g}/\text{m}^3$	0.0030	0.0072, 0.0075	5 (100)	0 (0)
PM <sub>2.5</sub> sulfur (S), $\mu\text{g}/\text{m}^3$	0.0026	0.0064, 0.0067	a	a
PM <sub>2.5</sub> tin (Sn), $\mu\text{g}/\text{m}^3$	0.18	0.43, 0.45	5 (100)	0 (0)
PM <sub>2.5</sub> titanium (Ti), $\mu\text{g}/\text{m}^3$	0.00085	0.0020, 0.0021	a	a
PM <sub>2.5</sub> vanadium (V), $\mu\text{g}/\text{m}^3$	0.0011	0.0026, 0.0027	a	a
PM <sub>2.5</sub> zinc (Zn), $\mu\text{g}/\text{m}^3$	0.0015	0.0037, 0.0039	a	a
Relative humidity, %	NA	NA	a	a
Temperature, °C	NA	NA	a	a

Abbreviations: LDL, lower detection limit; NA, not applicable; PM<sub>2.5</sub>, particulate matter with an aerodynamic diameter less than 2.5  $\mu\text{m}$ .

<sup>a</sup> Summary statistics are included in Table 1.