

Figure S1. Map of the Swedish west coast and aerial photograph of the sampling areas. The stars indicate the sampling spots, and the circle the district with 80 single-family houses where domestic burning for heating was common.

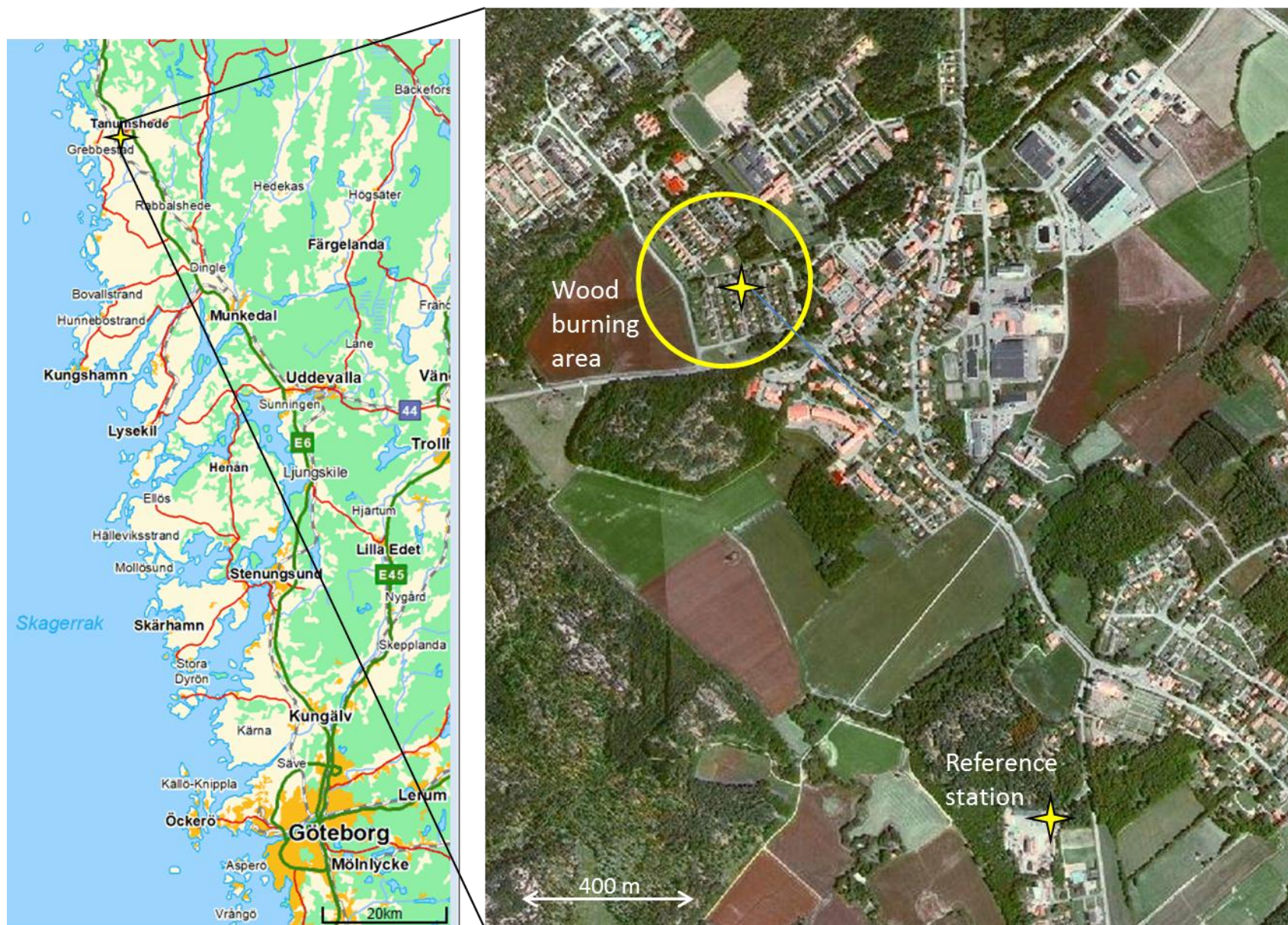


Table S1.

Table 3. P-values for the Wilcoxon signed rank tests for matched pairs of concentrations in the wood-burning area and the reference station (p-values < 0.05 are marked in bold).

	All data	Trajectory class		Temperature		Inversion	
		Nordic	Marine	> 0°C	< 0°C	Yes	No
# of observations	28	15	13	13	15	18	10
PM _{2.5}	0.0041	0.0479	0.1099	0.0574	0.0554	0.0120	0.2324
BC	0.0002	0.0479	0.0061	0.0112	0.0181	0.0090	0.0215
S	0.3776	0.6490	0.5186	0.2734	0.9515	0.4586	0.9219
Cl	0.8767	0.9780	0.7734	1.0000	0.9666	0.7254	0.6953
K	<0.0001	0.0134	0.0002	0.0002	0.0067	0.0017	0.0020
Ca	0.8517	0.8076	1.0000	0.5417	0.7263	1.0000	0.7695
Ti	0.9534	0.9012	0.8501	0.6909	0.7615	0.5477	0.5078
Mn	0.6147	0.3973	0.0674	0.2749	0.5154	0.6627	0.8477
Fe	0.2574	0.7615	0.1272	0.0413	0.9341	0.8986	0.0391
Ni	0.1345	0.4622	0.1836	0.3691	0.2463	0.2463	0.3691
Cu	0.2174	0.2246	0.8796	0.9810	0.1731	0.1628	0.9336
Zn	<0.0001	0.0256	0.0002	0.0005	0.0108	0.0024	0.0039
Br	0.0267	0.2106	0.0698	0.2810	0.0403	0.0143	0.5742
Pb	0.5608	0.9387	0.3384	0.1099	0.4532	0.3548	0.0645