

Note: Correlations analysis in hospital and community populations were listed below.

**Table S1. Correlations analysis in hospital group.**

Variables	Gender	Age	Educational Level	Birthplace	AAHI <sup>a</sup>	Knowledge to air pollution	Attitude 1 <sup>b</sup>	Attitude 2 <sup>c</sup>
Gender	1	--	--	--	--	--	--	--
Age	-0.115 <sup>#</sup>	1	--	--	--	--	--	--
Educational Level	0.084	-0.046	1	--	--	--	--	--
Birthplace	0.010	0.221 <sup>##</sup>	0.402 <sup>###</sup>	1	--	--	--	--
AAHI <sup>a</sup>	0.024	0.042	0.226 <sup>##</sup>	0.220 <sup>##</sup>	1	--	--	--
Knowledge to air pollution	0.055	0.024	0.153 <sup>##</sup>	0.175 <sup>##</sup>	0.102 <sup>#</sup>	1	--	--
Attitude 1 <sup>b</sup>	0.004	-0.002	0.032	0.001	0.075	0.161 <sup>##</sup>	1	--
Attitude 2 <sup>c</sup>	0.044	0.042	0.017	0.031	0.060	0.122 <sup>#</sup>	0.173 <sup>##</sup>	1

<sup>a</sup> AAHI=Average annual household income.

<sup>b</sup> Attitude 1=Attitude towards priority of air pollution in government management.

<sup>c</sup> Attitude 2=Self-responsibility attitude in individual management.

<sup>#</sup> p value<0.05, <sup>##</sup> p value<0.01

**Table S2. Correlations analysis in community group.**

Variables	Gender	Age	Educational Level	Birthplace	AAHI <sup>a</sup>	Knowledge to air pollution	Attitude 1 <sup>b</sup>	Attitude 2 <sup>c</sup>
Gender	1	--	--	--	--	--	--	--
Age	-0.252 <sup>##</sup>	1	--	--	--	--	--	--
Educational Level	0.090	-0.166 <sup>##</sup>	1	--	--	--	--	--
Birthplace	0.088	0.003	0.331 <sup>##</sup>	1	--	--	--	--
AAHI <sup>a</sup>	0.086	-0.039	0.057	0.118 <sup>#</sup>	1	--	--	--
Knowledge to air pollution	-0.022	0.006	0.079	0.031	0.051	1	--	--
Attitude 1 <sup>b</sup>	0.105 <sup>#</sup>	0.057	-0.005	0.096 <sup>#</sup>	0.036	0.084	1	--
Attitude 2 <sup>c</sup>	0.036	0.031	-0.020	0.015	0.043	0.025	0.095 <sup>#</sup>	1

<sup>a</sup> AAHI=Average annual household income.

<sup>b</sup> Attitude 1=Attitude towards priority of air pollution in government management.

<sup>c</sup> Attitude 2=Self-responsibility attitude in individual management.

<sup>#</sup> p value<0.05, <sup>##</sup> p value<0.01