Input

PM$_{2.5}$

PM$_{10}$ → PMC

CO

air quality observation

emission inventory

ratio range

PM$_{2.5}$ emission

OC emission

EC emission

Analysis Process

seasonal

inter-annual

regional

observation data

multi-tracer(X)

apportioning coefficients a & b

PPM/X

PPM

SPM

X

r

S.T.

>0.05

<0.05 scanning

Output

PPM and SPM concentration

secondary proportion of PM$_{2.5}$