

Supplement of Atmos. Chem. Phys., 18, 15069–15086, 2018
<https://doi.org/10.5194/acp-18-15069-2018-supplement>
© Author(s) 2018. This work is distributed under
the Creative Commons Attribution 4.0 License.



Supplement of

Molecular distribution and stable carbon isotopic compositions of dicarboxylic acids and related SOA from biogenic sources in the summertime atmosphere of Mt. Tai in the North China Plain

J. Meng et al.

Correspondence to: Gehui Wang (wanggh@ieecas.cn, ghwang@geo.ecnu.edu.cn)

The copyright of individual parts of the supplement might differ from the CC BY 4.0 License.

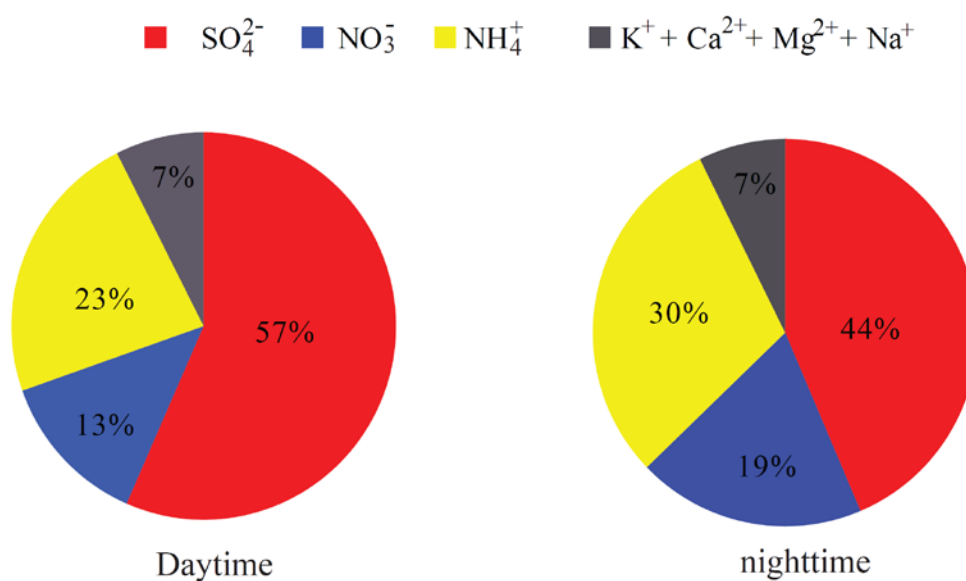


Fig. S1. Abundances of major ions relative to the total inorganic ions of $\text{PM}_{2.5}$ during the day and night at Mt. Tai.

Table S1. Statistic t -test for the differences in concentrations and mass ratios of major species of $\text{PM}_{2.5}$ during the day and night at Mt. Tai (2-tailed test).

	P
C_2	0.004
DCA _s	0.002
Dicarbonyls	0.001
SO_4^{2-}	0.000
NO_3^-	0.004
NH_4^+	0.003
WSOC	0.000
OC	0.001
WSOC/OC	0.000
C_2/C_4	0.001
C_3/C_4	0.001
$\text{C}_2/\text{total diacids}$	0.002
Total(Diacids-C)/OC	0.001
C_2/Gly	0.000
C_2/mGly	0.003
$\text{C}_2/\omega\text{C}_2$	0.001