

Supplement of Atmos. Meas. Tech., 7, 1969–1977, 2014
<http://www.atmos-meas-tech.net/7/1969/2014/>
doi:10.5194/amt-7-1969-2014-supplement
© Author(s) 2014. CC Attribution 3.0 License.



Supplement of

A newly identified calculation discrepancy of the Sunset semi-continuous carbon analyzer

G. J. Zheng et al.

Correspondence to: K. B. He (hekb@tsinghua.edu.cn) and F. K. Duan (duanfk@mail.tsinghua.edu.cn)

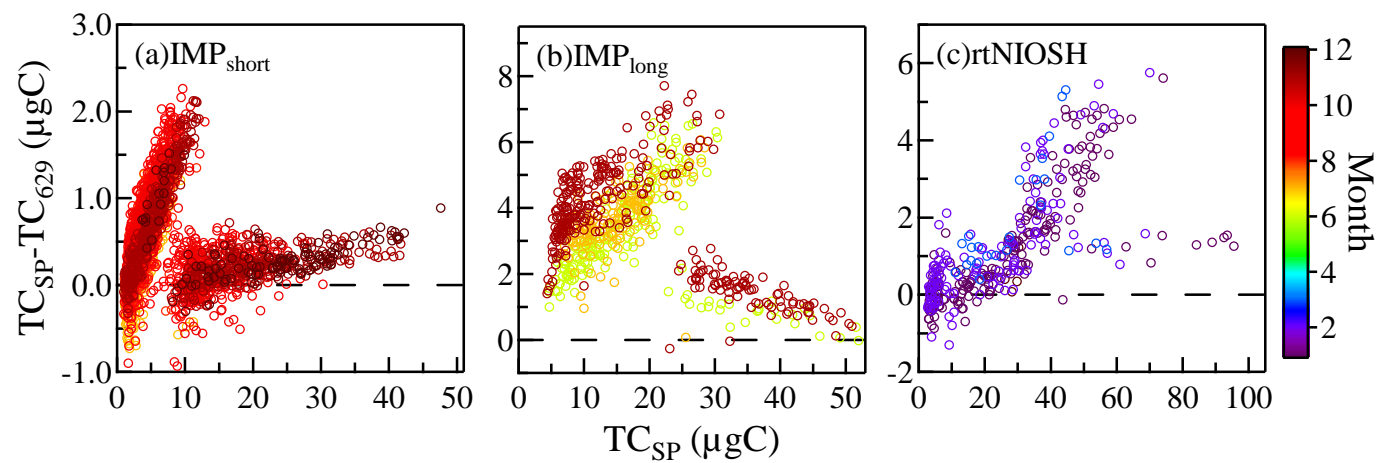


Figure S1. Comparison of TC results given by the newest version (629) of calculation software (TC₆₂₉) and the single-point correction (TC_{SP}), for ambient samples analyzed with (a) IMP_{short}, (b) IMP_{long} and (c) rtNIOSH protocol.

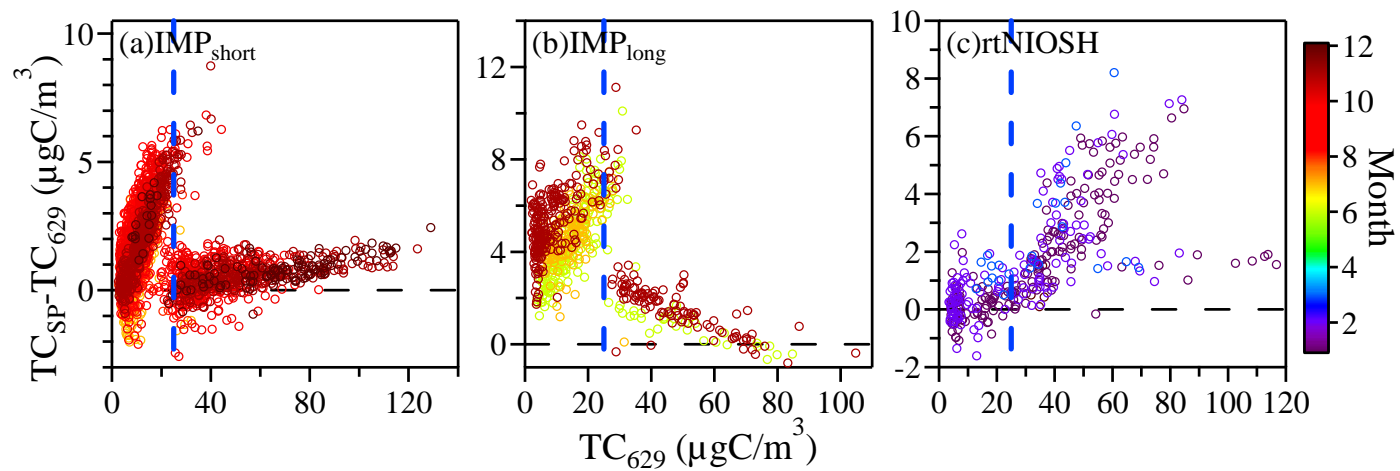


Figure S2. Comparison of TC concentration results given by the newest version (629) of calculation software (TC₆₂₉) and the single-point correction (TC_{SP}), for ambient samples analyzed with (a) IMP_{short}, (b) IMP_{long} and (c) rtNIOSH protocol

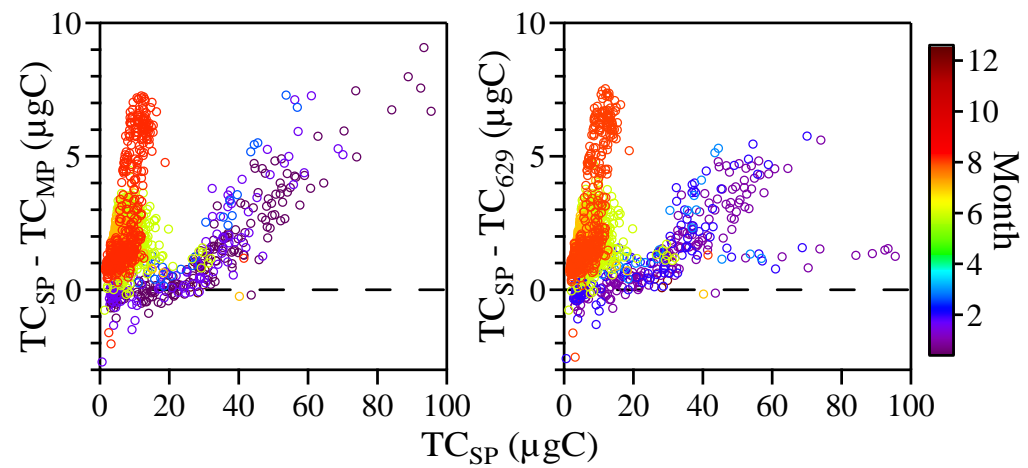


Figure S3. Seasonal variation of threshold carbon load for rtNIOSH protocol. Differences of TC concentration results given by the newest version (629) of calculation software (TC₆₂₉), by the multi-point correction (TC_{MP}) and by the single-point correction (TC_{SP}) were compared.