

***Interactive comment on “A self-consistent, multi-variate method for the determination of gas phase rate coefficients, applied to reactions of atmospheric VOCs and the hydroxyl radical” by Jacob T. Shaw et al.***

**Anonymous Referee #1**

Received and published: 23 October 2017

This is excellent work. I agree with the authors claim that this marriage of modern high-throughput analytical techniques with the well established and robust relative rate method represents a significant breakthrough in our ability to measure the kinetics of relevant atmospheric reactions. I look forward to this technique being used to substantially expand the atmospheric chemistry kinetic database, particularly at temperatures other than 298K.

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2017-917>, 2017.