Atmos. Meas. Tech. Discuss.,
doi:10.5194/amt-2017-123-AC2, 2018

Atmospheric Measurement Techniques Discussions

Interactive comment on "Computational Efficiency for the Surface Renewal Method" *by* Jason Kelley and Chad Higgins

Jason Kelley and Chad Higgins

kelleyja@oregonstate.edu

Received and published: 4 February 2018

These comments made by this reviewer have helped to make significant improvements in the revised manuscript. In particular, I was unaware of the review of despiking methods by Starkenburg et al. (2016), and this citation has significantly improved the context of this research and has helped narrow the discussion of the intent of my manuscript, and clarify what the novel aspects of the methods described here. Also, the reviewers prompted me to re-read of French et al.'s 2012 publication using the SR method, and the discussion of lag time there has helped improve my discussion of practical aspects of computation. Following the reviewers suggestions, I have re-written the abstract, introduction, and conclusions sections to clarify the intent, context, and relevance of the three computational methods described in the

manuscript. Responses to specific comments are in supplemental notes (attached).

Please also note the supplement to this comment:
https://www.atmos-meas-tech-discuss.net/amt-2017-123/amt-2017-123-AC2-supplement.pdf

Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2017-123, 2017.