

***Interactive comment on “Assessment of lidar depolarization uncertainty by means of a polarimetric lidar simulator” by J. A. Bravo-Aranda et al.***

**Anonymous Referee #1**

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Theoretical assessment of the lidar polarizing sensitivity Bravo-Aranda & al. A good paper, each step of the theoretical modeling is reasonably well explained except the definition of the Stokes vector used and consequently the corresponding Muller matrices. Please see attachment

Please also note the supplement to this comment:

<http://www.atmos-meas-tech-discuss.net/amt-2015-339/amt-2015-339-RC2-supplement.pdf>

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Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2015-339, 2016.