

Interactive comment on “Mapping spectroscopic uncertainties into prospective methane retrieval errors from Sentinel-5 and its precursor” by R. Checa-Garcia et al.

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We would like to thank for their helpful comments and the positive reception of our study. Our replies are in an additional document where we addressed the questions and comments submitted to the interactive discussion, in particular:

1. To address the comments raised by Prof. Aben we have done new sensitivity studies based on the FTS measurements previously described on Galli et al 2012.
2. To address the specific questions new analysis based on additional sensitivity studies are described.

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Details of the improvements on the revised manuscript are also described on the submitted supplement.

Please also note the supplement to this comment:

<http://www.atmos-meas-tech-discuss.net/8/C1864/2015/amtd-8-C1864-2015-supplement.pdf>

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