

Interactive comment on “IASI-METOP and MIPAS-ENVISAT data fusion” by S. Ceccherini et al.

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The authors thank referee #2 for careful reading of the manuscript.

The serious comment of the referee is that it is hard to get a feel for the method without quoting a few equations. He suggests to include a few summary equations to give the reader the flavour of the method. We accept the suggestion of the referee and in the revised version of the paper we will add an appendix with the basic algebraic formulas concerning the MSS and data fusion.

All the minor corrections suggested by the referee will be addressed in the revised version of the paper. The correction number 14 suggests to use the abbreviation "J. Quant. Spectrosc. Rad. Trans." for the "Journal of Quantitative Spectroscopy & Ra-

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diative Transfer" in the references. We agree with this request but in the "ISI Journal Title Abbreviations Index" (<http://library.caltech.edu/reference/abbreviations/>) we found that the abbreviation of "Journal of Quantitative Spectroscopy & Radiative Transfer" is "J. Quant. Spectrosc. Ra.". Could the editor let us know which is the preferred choice?

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 183, 2010.