

## ***Interactive comment on “Characterization of the instrument temperature dependence of Brewer total ozone column measurements” by Alberto Berjón et al.***

**Alberto Berjón et al.**

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We would like to thank Dr. John Rimmer for all his constructive suggestions and comments. They have been quite useful to improve the paper. We include as additional information the .pdf file of the discussion paper with all changes highlighted.

**P1 Line 12: Insert ‘a’ between as and reference.**

Done.

**P3 Line11: Change obtaining to obtained.**

C1

Done.

**P7 Line 30: Should be ‘For these studies’**

Done.

**P9 Line19: Remove ‘the’ from in front of ‘section ’ Figures 7, 8: Lower plots are labelled ‘Filed Data’ rather than ‘Field Data’**

Done.

**P4 Line 13: ‘Most photo-detectors have’ would read better.**

Done.

**Eqn 16 has too many equals signs.**

In order to simplify Eq. 16, the intermediate steps have been deleted.

**P6 Line 6: Should it not be that the change of the response with T is proportional at all Wavelengths?**

In this sentence we refer to the light source intensity. Our intention is to explain how relative coefficients can be successfully calculated even using no very stable measurements, as it can happen when using field data.

**Also, mentions of EUBREWNET should be referenced to COST Action ES1207**

We have include the reference to COST Action ES1207 in the introduction as well as in the acknowledgements.

C2

Please also note the supplement to this comment:  
<https://www.atmos-meas-tech-discuss.net/amt-2017-406/amt-2017-406-AC1-supplement.pdf>

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Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2017-406, 2017.