

## ***Interactive comment on “Characterisation of the magmatic signature in gas emissions from Turrialba volcano, Costa Rica” by Y. Moussallam et al.***

### **Anonymous Referee #2**

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Thank you for the answers and updates. I still disagree with only answer to my comment on Fig. 4c.: I do not understand why H<sub>2</sub>/H<sub>2</sub>O ratio should be of use for computing the redox state of the volcanic gas - given the high uncertainty on H<sub>2</sub> and the availability of CO/CO<sub>2</sub> ratio -, and I recommend better plotting H<sub>2</sub>O (instead of H<sub>2</sub>) vs SO<sub>2</sub> in order to illustrate H<sub>2</sub>O/SO<sub>2</sub> ratios and possible gas mixing from the two vents.

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Interactive comment on Solid Earth Discuss., 6, 2293, 2014.