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Interactive
comment

Interactive comment on "Comparison of CSES ionospheric RO data with COSMIC measurements" *by* Xiuying Wang et al.

Xiuying Wang et al.

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First of all, we thank the referee #2 for his/her advices and suggestions on our work. Response to the suggestions are as following.

(1) Line 30 The presismic character of observations from space is still under discussion. Please avoid over-stretched statements about precursors that are still supported by poor statistical confirmation.

Response: As referee#2 points out, earthquake precursor (preseismic character) is still a debate. "Are there precursors helpful to earthquake prediction" is still a scientific problem. This paper is to validate the data obtained by the newly launched satellite. A general introduction to the satellite is necessary to give the readers complete informa-

tion about the satellite. Therefore, a short introduction is given in this paragraph. The introduction is shortened from the CSES brochure. It is just an objective introduction, no mean to discuss problems with earthquake precursors.

(2) Page 6 Line 7 Please review the style.

We will improve the English of this paper during our subsequent modification work.

(3) Page 6 Line 12 Please clarify the definition of the time at which CSES and COSMIC data are compared.

The time criterion to select matching CSES and COSMIC event is defined in Page 5 Line 18-19: the time difference between the matching occultation pairs is less than 30 min.

Page 6 Line 12 stresses that COSMIC RO data covers all local time, while CSES RO data only covers 2 special local time due to its special orbit. Data users should pay attention to this.

(4) Page 9 Line 27 Change style.

We will improve the English of this paper during our subsequent modification work.

Interactive comment on Ann. Geophys. Discuss., https://doi.org/10.5194/angeo-2019-76, 2019.