

Interactive comment on “Identifying possible Stratification phenomenon in ionospheric F2 Layer using the data observed by the Demeter satellite: Method and Results” by Xiuying Wang et al.

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First of all, we would like to thank the reviewer for his affirmation of our work and pointing out the improper expressions in the paper. As the results in this paper is based on all the globally distributed data, the location, local time, and occurrence season etc. of the phenomenon that data at higher altitude are greater than that at lower altitude are consistent with the features of the stratification phenomenon, we therefore deduce it is the stratification phenomenon. Definitive conclusion needs supports from direct observations. For now, there is no direct observations that can obtain the global distribution of the stratification phenomenon. We will collect data from different measurements,

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and try to validate the result in our follow-up work.

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