

***Interactive comment on “On developing a new
ionospheric plasma index for the Brazilian
equatorial F region irregularities” by
Laysa Cristina Araujo Resende et al.***

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Received and published: 8 May 2019

Dear Dr. Resende et al.

Based on the comments from reviewer #2, please, try to fix the minor points, e.g., the meaning of AV1 and AV2, etc.

I agree with the reviewer #2 that the solar cycle must be included elsewhere in your modelling. If the PRE depends on the solar cycle, the occurrence of EPB must depend on solar activity as well, does not it?

The other points, you have explained in AC1 document.

C1

Best regards,

igo

Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2019-42>, 2019.