

Dear Editor

Thank you for all your considerations and additional queries. I am resubmitting the revised paper and the required documents. We are sending the article pdf document but if necessary we can send them as word document

- 1. We prepared our manuscript with Word-processing Software, using 12 pt Book Antiqua font and 1.5 line spacing*
- 2. We included a running title.*
- 3. We included the background in the abstract*
- 4. We added the 'Article Highlights' and positioned before the References section.*
- 5. We checked repeated references and included the PubMed citation numbers (PMID) and DOI citation to the reference list and list all authors.*
- 6. Although it hadn't been asked. after consideration by the authors, the tables were formatted so that they could occupy a smaller space.*
- 7. We provided the grant application form(s) of funding agency*

Best regards

Cyrla Zaltman

We hope that this addresses the reviewer's comment, and that the manuscript is now acceptable for publication. Please do not hesitate to contact me if you have any additional queries.

Kind regards

Cyrla Zaltman

To the reviewers

I thank for all your considerations and suggestions.

Following the suggestion of one the reviewers , we divided table 2 into two others, one with the significant variables and the other with the non-significant variables. In relation to the table where the relative risk of the variables is exposed, we prefer to keep it because it is not so extensive and the set of information makes the reader's understanding broader.

The inclusion of the systematic review article was done in the text and also in the references

Another question was about the choice of the Distrito Federal state as the reference category for interpretation of the odds ratio in all logistic regression (univariate and multiple multinomial). Brasilia is the Federal capital of Brazil, with a mixed population of immigrants from other brazilian states and their descendents. This is an interesting reference center , well organized and never included in any IBD brazilian epidemiological study. According to the reviewer suggestion we included a better definitions of brazilian regions and states in the section Material and Methods.