

## Cover Letter

Dear Mr. Editor,

We are hereby submitting the final version of the manuscript under the title “Stratospheric ozone and QBO interaction with the tropical troposphere on intraseasonal and interannual time-scales: a normal mode perspective”. In this version of the manuscript we have addressed the remaining issues raised by the editor and by two of the reviewers, namely:

- (1) We have expanded the section 2.3 of the manuscript which concerns the statistics of the partial directed coherence method in order to make it more self contained.
- (2) We have revised the text correcting the typos and other minor errors.

We also changed the order of the authors, which was agreed by all authors.

We finally would like to thank both the editor and the reviewers for the excellent review process that lead to substantial improvement of our work.

Yours sincerely,

Breno Raphaldini