

**Multidecadal Variations of the Effects of the Quasi-Biennial Oscillation on the
Climate System**- 2nd review by Indrani Roy

In the revised version, I find almost every point as raised by the referees are addressed. However, I am mentioning few very minor points. Hence I recommend for publication after a minor revision.

1. Fig. 4: Colours of f, g, h are not changed in the new version though mentioned that it is corrected. If it is difficult to incorporate, I am fine with that.
2. Page 9, Line 29: It is hard to read the formula. Make it clear.
3. Supplementary Fig. S1 Caption: correct spelling 'not' with 'note'.
4. Fig. S3 Caption: Mention about red dot and arrows, what they indicate.
5. Fig S10-S11 Captions: You could write in those Supplementary figure captions as 'same as Fig S9, but for Sea Surface Temperature', etc. It avoids repetitions.
6. Table 1: NAO why 0 after 1979, what does it imply?
7. Page 14, line 20: 'Changes in wave activity diagnostics are debated' - give reference of that work.
8. Table 1: PWC_{JAS} during 1979-2015 gave significant results (same signed) for all three different datasets. Mention that interesting results.
9. Also for PWC_{JAS} , all observations are -ve, irrespective of time periods. But model results are mostly positive. If you have any explanation, mention that.
10. Table 1: In observation, almost all the PWC_{DJF} are with positive sign, though -ve for PWC_{JAS} . Do you have any explanation for that?
11. For S3 if possible you could change the colour of significant level to red or any bright colour. It is difficult to recognize in current form.