Response to editor's comments

Review of the manuscript entitled "The intrinsic relationship between cyclones, anticyclones, and Rossby Wave Breakings in the North-Atlantic" by Tamarin-Brodsky and Harnik

Dear authors,

Thank you for thoroughly addressing the remaining reviewer concerns. The paper is now accepted for publication. When once more reading the paper, I only noted to minor technical issues which you should check prior to final publication. Kind regards Christian Grams

1. Only now I noted, that it is difficult to find in the text - except for the abtract - the geographic focus of your study. Please state again in introductory paragraph of Section 2 that the geographic focus of the study is North Atlantic (indicate exact lonlat range), perhaps repeat this in Paper outline end of Section 1, in explanation of composites Section 2.3, and when starting explaining the results in Section 3.

This has been added as suggested

2. Fig. 6. I still find it confusing that the shading, bold and thin contours are the same in both plots of AWB (a,b) and CWB (c,d) and not the PV / PV anomalies in the subsets shown? Or are they that similar? Please check if this is what you really want to show.

We slightly modified the titles and text for clarification. We understand that it may be confusing that we plot the same thing (except for the RWB frequency) in panels (a,c) and panels (b,d), but if we plot both RWB types on one figure in each case the figures are too dense. Note that it is not surprising that CWB/AC seems more AWB because it is a composite on AC which are more collocated with AWB (and oppositely for AWB/CY which are more collocated with CWB). That was our purposeto show that the composites of CY and AC have mixed signatures, and that the overall composite structure is dominated by the type of RWB which is more collocated with its center. Note also that this is our motivation for separating into the subsets, which is shown later in Figs. 7,9, and 10. We also slightly modified the titles so it is clearer that we are plotting "all CY" and "all AC" composites together with the relative RWB distributions (and not composites conditioned on the type of breaking).