Reply on RC1 (our plan toward revision)
Masatoshi Yamauchi and Urban Brändstöm

Thank you for your encouraging comments and for reminding that potential readers are much wider than the auroral observation community.

To cover wider readers, we will add three (or more) figures in the revision: keogram, ASC image with different category and area marked, and image showing N2 red line) with more explanation in text. We actually have them nearly ready (used in oral presentations for non-auroral community) but not included here (this is our mistake). We also plan to add a table of example of actual classification (to be used in combination with the new figure).

In the planned revision, we will also explain the speciality of aurora where no classification method (including machine learning) can be applied to different cameras without changing parameters or more fundamental selection (for machine learning method, training set should be different between different cameras, and definition of such training set is as subjective as the colour definition in the present method).