

Response to Reviewers: Minor Revisions

The manuscript is quite lengthy, so do you see any potential for shortening (e.g. move some parts to the supplementary)? Please consider carefully and see if you can shorten. Please also check the colour schemes used in your figures and maps to make sure that readers with colour vision deficiencies can correctly interpret your findings (e.g. no red and green in one figure).

We have reduced the manuscript length by moving the seasonality evaluation at K67 section entirely to SI (which also removed one table and two figures to SI). Thank you for the suggestion – this improves the flow of the manuscript. The figures have also been checked for broadly accessible color schemes.