Reply on RC1

Lea Eisenstein et al.

Author comment on "Identification of high-wind features within extratropical cyclones using a probabilistic random forest – Part 1: Method and case studies" by Lea Eisenstein et al., Weather Clim. Dynam. Discuss., https://doi.org/10.5194/wcd-2022-29-AC1, 2022

We would like to thank you for your constructive comments, which helped to improve our paper. We addressed all your comments in the attached PDF file. We revised the mathematical parts of the manuscript to better explain our method and addressed the mentioned limitations. We understand that the structure might not be optimal and made several smaller changes to it and removed repetitions as suggested, while keeping the overall structure.

Please also note the supplement to this comment:
https://wcd.copernicus.org/preprints/wcd-2022-29/wcd-2022-29-AC1-supplement.pdf