

Dear Anonymous referee #3,  
Thank you for your review.

I have addressed your comments as following (all lines refer to the FlapFaultDetectionModel\_Article\_rev3TrackChanges file) :

1. The addition of a schematic overview of the methodology to the manuscript. This will make it more clear for the reader what the different steps of the methodology are. AG: Figure of the 2 methodologies have been added in the new figure 6 and 7
2. Expansion of the literature study on page 2 with more recent (overview) papers on condition monitoring of wind turbines. AG: Added references of review papers in chapter 2
3. Check the text to make sure that all abbreviations are at their first appearance preceded by their meaning. See for example the abstract. AG: Abbreviations definitions corrected.
4. Check the text on typo's and sentence errors. AG: Text corrected by some typos and grammatical errors
5. Line 250: ... k the ridge coefficients to be minimized. Where in Equation 7 is k? Please clarify in the manuscript. AG: k corrected with w
6. Give a more thorough/in-depth explanation why some methodological decisions were taken: feature generation techniques, feature selection techniques, used models. For example why was MiniRocket selected and not a different feature engineering method? Why was the random forest selected instead of other simple models like SVM, ...? Please clarify in the manuscript.  
AG:
  - ) Improved explanations about the 2 methodologies approaches in lines 117 to 119, 213 to 214
  - ) Improved explanation on the choice of MiniRocket algorithm from line 266 to line 275
  - ) Reasons for choosing random forest are stated in lines 254 to 264
7. Typo in line 367: ..., and active with fault (AF\_Off\_Fault) -> should it not be AF\_On\_Fault? Please clarify in the manuscript. AG: typo corrected
8. It might be useful to add a table with abbreviations to the paper so that it is easier to look up the meaning. AG: added a list of Symbols from line 15 to 40

Best Regards,  
Andrea Gamberini