

1 **Comments to the author:**

2 Thank you for amending the manuscript and uploading code to Github. It appears that  
3 some of the functions you uploaded are stock functions from Matlab's machine learning  
4 toolbox. I suggest you make the following changes:

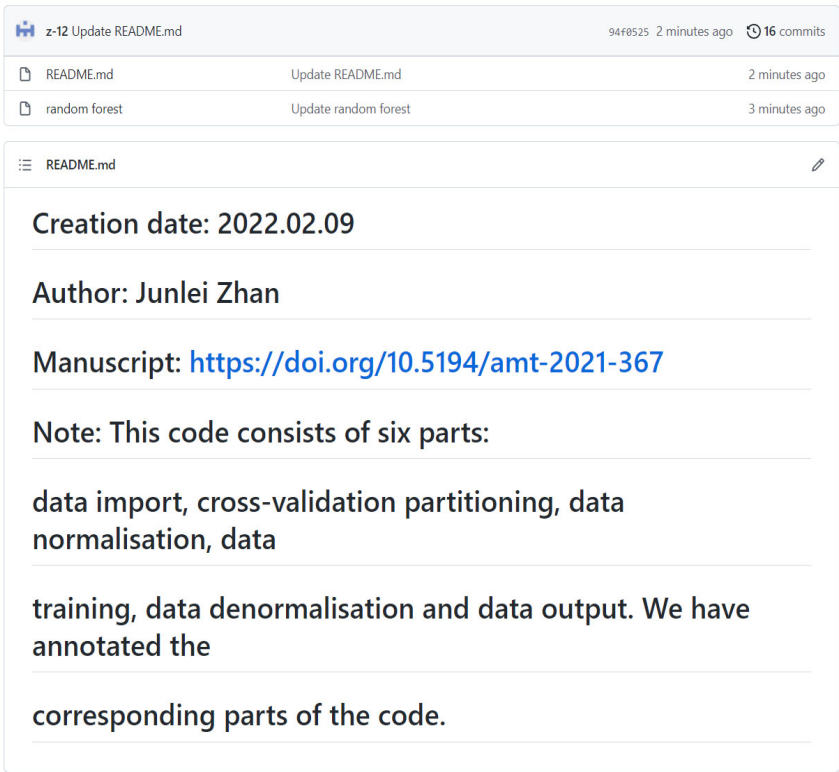
5 1) Please mention explicitly in Sect. 2.2 that you are using the Random forest methods  
6 in Matlab's Statistics and Machine Learning toolbox.

7 **Response:** Thank you. We have added a sentence “**In this work, we performed O<sub>3</sub> and  
8 RI calculations using the RF method in MATLAB’s Statistics and machine learning  
9 toolbox.**” in lines 145-147 in Section 2.2

10

11 2) I recommend removing TreeBagger and CompactRegressionTree from your github  
12 archive, as those functions are copyrighted by Matlab.

13 **Response:** Thank you. We have removed the TreeBagger and CompactRegressionTree  
14 files from our github archive.



15

16 Figure R1. Screenshot of the code storage page.

17

18 3) Add a few comments to the top of your random forest script, including author,

19 creation date, a note about needing the toolbox to use this code, and maybe a URL or  
20 DOI for your paper. This will help others who might want to use your code, thereby  
21 increasing the impact of your work.

22 **Response:** Thank you. We have added author name, creation data, notes and a URL in  
23 the top of your random forest script.

```
1 # Creation date: 2022.02.09  
2 # Author: Junlei Zhan  
3 # Manuscript: https://doi.org/10.5194/amt-2021-367  
4 # Note: This code consists of six parts:  
5 #     data import, cross-validation partitioning, data normalisation, data  
6 #     training, data denormalisation and data output. We have annotated the  
24 7 #     corresponding parts of the code.
```

25 Figure R2. Screenshot of the top of the random forest file.

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