Review of: "Modelling and Mapping of Aboveground Carbon of Oluwa Forest Reserve Using LandSat 8 TM and Forest Inventory Data"

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Potential competing interests: No potential competing interests to declare.

I suggest major revisions and provide some recommendations to improve the article as follows:

1- The topic is well chosen, and the title matches the text of the article.

2- It is suggested to cite the article of Afrondeh et al. (2018) in the field of allometric relations:

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3- In the materials and methods section, use the term**instruments** instead of **materials**.

4- It would be better if you took samples from the trunks of some trees to evaluate the accuracy of the correction coefficient of Loci et al. (2003).

5- There is no need to bring Table 2 into the results section. Instead, bring the descriptive statistics, including mean, standard deviation, minimum, and maximum of biomass, in a table.

6- In regression analysis, 10 to 20 data points are needed for each independent variable. Therefore, your three-variable models seem to be unreliable in terms of the number of samples, especially since there is no information about the collinearity of the independent variables.

7- It is necessary to mention the names of the best indicators for biomass prediction in the abstract and conclusion.

8- In Table 3, instead of the term**Sig**, use the **p-value** expression. At the same time, it is necessary to mention the exact value of the p-value, and you cannot use the star sign for it.

9- It is necessary to calculate the NRSME value for the regression models and compare the precision of the models based on what was said in the research by Kiani and Amiri (2018).

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10- Validation for the regression models has not been done, so the generalizability of the models cannot be confirmed. It is necessary to validate the models with the help of independent data. From research