Review of: "Stock Estimation Trial From Spatio-temporal Limited Data of Six Commercial Species in the Middle Madeira River, Southwest Amazon"

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Potential competing interests: No potential competing interests to declare.

In this study, the authors evaluated the fish stocks of 6 major fish species in the Madeira River, Southwest Amazon. They conducted daily monitoring for one year and examined the catchability and stock estimates of selected marine fishes. The statistical results indicated an under-exploitation and potential for sustained fishery growth in the Madeira River. It is an impactful study with future research scope. However, research would be better if they considered some suggestions mentioned below.

Abstract: They didn't mention the statistical methods and variables used for the study in the abstract section.

Introduction: The introduction should be elaborated on by including various methods used for fish stock assessment and their advantages over traditional methods.

Methodology: You have not mentioned whether mechanized, motorized, or non-motorized fishing fleets were observed over the port. The catch per unit effort (CPUE) of mechanized crafts is higher than that of non-motorized crafts.

Results: The linear regression between CPUE and cumulative effort shows a low r^2 value. You haven't mentioned the significance (p-value) of the linear regression test. You can also plot the yearly fluctuations in CPUE and cumulative effort as a line graph for better understanding. A detailed explanation of each result should be provided.

Overall, it's good research work with a lot of future research possibilities.