Review of: "Ecological diversity, structure and exploitation of rattan stands according to a disturbance gradient around the Nkoltang forest, Estuary province of Gabon"

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Potential competing interests: No potential competing interests to declare.

This paper is well-written, and the authors have done a good job. However, it would be even more valuable if they conducted additional statistical analyses, such as correlation analysis, regression analysis, and cluster analysis.

Correlation analysis would help determine the relationship between different variables, such as ecological diversity and health, or composition and farm status. This can provide insights into the interdependencies between these variables and potentially identify any associations or trends.

Regression analysis could be employed to explore the relationship between a dependent variable and one or more independent variables. For instance, the authors could examine the relationship between the disturbance gradient and ecological diversity, or between farm status and health. Conducting regression analysis would enable the identification of significant patterns or trends in the data.

Lastly, cluster analysis could be utilized to identify groups or clusters within the dataset based on the similarity or dissimilarity of variables. It would be interesting to see how the different parameters (ecological diversity, composition, distribution, farm status, and health) cluster within each disturbance gradient. This analysis would provide a visual representation of the data and help identify potential patterns or subdivisions.

Including these additional statistical analyses would enhance the study by providing more comprehensive insights into the relationships and patterns within the dataset.