

Review of: "Listening to the Bats of Carajás: Applied Bioacoustics for Species Inventory and Environmental Use in a Mosaic of Forests, Savannas, and Industrial Mining in the Brazilian Amazonia"

Rouland Ibnudarda¹

¹ Biology Study Program, Faculty of Mathematics and Natural Sciences, Universitas Pakuan, Indonesia

Potential competing interests: No potential competing interests to declare.

I am deeply honoured to have been chosen to review your study. I appreciate the trust you have placed in me with this significant responsibility. This study is fascinating in that it shows how spectrograms help to classify species. There are several things I might ask about the content of your research.

Results

Richness of sonotypes and species

Thirty-five sites, with species

richness ranging from 3 to 17 species per site; in 2022, 51 sites were sampled and varied from 3 to 12 species per point; in 2023, we sampled 46 sites. Can site changes affect the number of individuals encountered or identified?

In the results and Appendix 2

After looking at the results data and appendix, I still have difficulty distinguishing whether the individuals are the same or different. For example, *Lasiurus*. sp. There are several individuals; whether the recordings of all *Lasiurus* sp. are from different individuals or maybe from the same individual? Maybe you can add information about the location of the species meeting to make it easier for readers to understand.

Best regards,

Rouland Ibnudarda