

The impact of forest management on the temperature sensitivity of SOC decomposition in a forest gradient from mediterranean to boreal

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Abstract

Background: Provide context and rationale for your study. Briefly explain the problem or gap in knowledge that your research addresses.

Methods: Summarize your experimental design, key methods, and analytical approaches used in the study.

Results: Present the main findings of your research, including key quantitative results and statistical significance where applicable.

Conclusions: State the main conclusions and their broader implications. Highlight the significance of your findings and potential applications.

Keywords: keyword1, keyword2, keyword3, keyword4, keyword5

1. Introduction

1.1. Background and Rationale

1.2. Objectives and Hypotheses

Clearly state your research objectives and hypotheses. For example:

- **Primary objective:** To investigate the relationship between X and Y
- **Secondary objectives:** To evaluate Z and assess W
- **Hypothesis:** We hypothesize that X will significantly affect Y under conditions Z

2. Materials and Methods

2.1. Holisoils study design

2.2. The database

2.3. Modeling SOC decomposition dependency on climate

Provide detailed protocols that would allow others to reproduce your work. Use subsections for different experimental approaches:

2.4. The model

2.4.1 The Bayesian framework

2.5. Implementation and hardware

3. Results

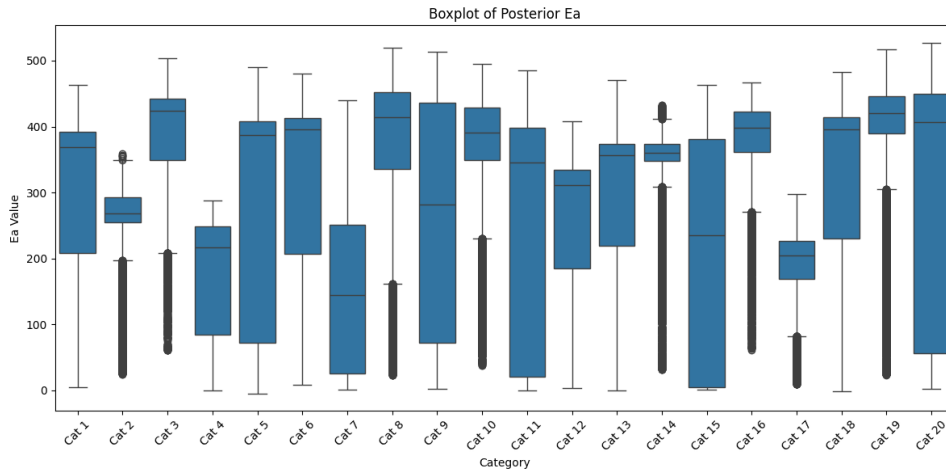


Figure 1: Example figure caption. Describe what the figure shows, including experimental conditions, sample sizes, and statistical tests. Error bars represent standard error of the mean. * $p < 0.05$, ** $p < 0.01$.

4. Discussion

4.1. Interpretation of Results

4.2. Limitations

4.3. Implications and Future Directions

5. Conclusions

Summarize the key findings and their significance. Avoid simply repeating the abstract; instead, provide a synthesis that emphasizes the contribution of your work to the field.

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Conflicts of Interest

The authors declare no conflicts of interest.

Data Availability Statement

The data that support the findings of this study are available from the corresponding author upon reasonable request [or specify repository/database where data are deposited].