Objectives:
Understanding the impact of land-use change on phylogenetic structure of herbaceous plant communities

Introduction:
- Understanding and-use change impact on plant phylogenetic diversity

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Improve conservation strategies

- Phylogenetic diversity poorly studied in Madagascar

Study area:
Northeastern Madagascar

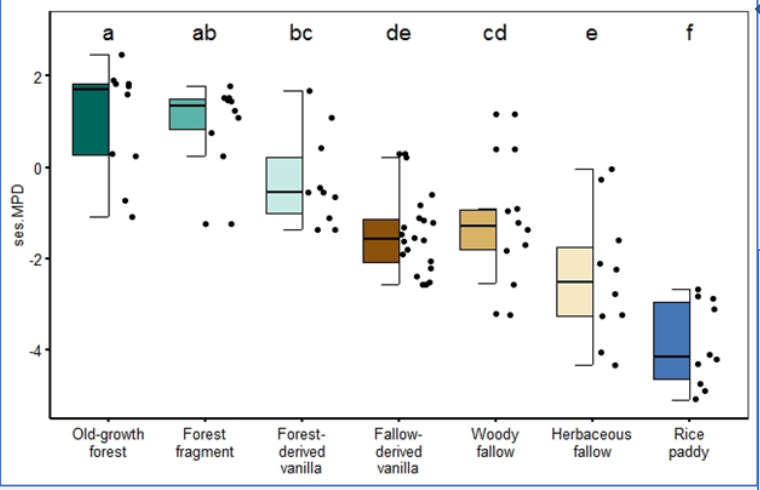
Methods:
- Herbaceous plant species assessment along a land-use gradient
- Species phylogenetic structure analysis

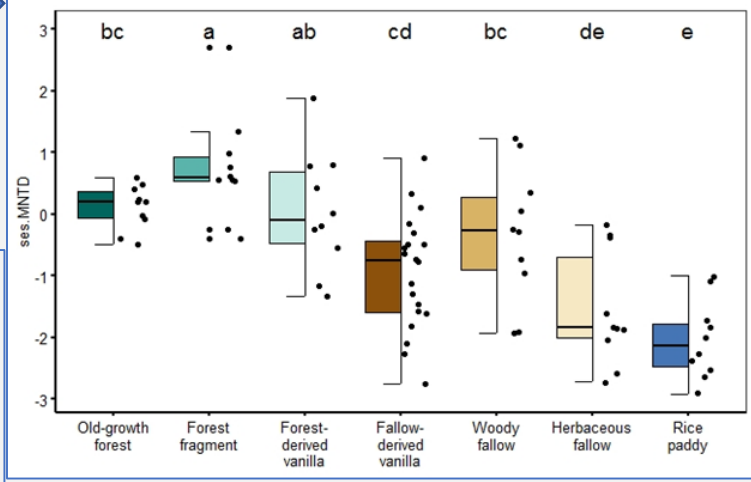
"Land-use change and phylogenetic diversity of herbaceous plants"

Mean pairwise distance between species across land-use gradient

Mean nearest taxon distance between species across land-use gradient

Results:





Conclusion:
Land-use change increases phylogenetic homogenization of herbaceous plant communities

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