Advances in evaluating protected area effectiveness in avoiding forest loss



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BUT The variation in effectiveness in avoiding forest loss is not explained by management effectiveness measures



Meanwhile methodological comparisons continue...

- · Effect of sample size on these types of assessments?
- Aspects of spatial autocorrelation remain unexplored
- · Hoping to publish R package of the new method soon

Terraube & Eklund et al. In prep.

Conclusions

- Satellite based data on land use change poses challenges to existing matching approaches for evaluating impact
- Computational time has been main constraint
- Running analyses in parallel on Taito has been crucial
- Room for both conceptual and methodological advances in this recently emerging field
- Good news: protected areas matter and establishing them seems to be an efficient way to avoid deforestation
- Such information is key for providing policy recommendations and the results are especially timely for the upcoming renegotiations of new post-2020 targets of the Convention on Biological Diversity.

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