

SUPPLEMENTARY MATERIAL

Mountainous rainforests of South America support higher anuran microendemic diversity, but do not protect them properly

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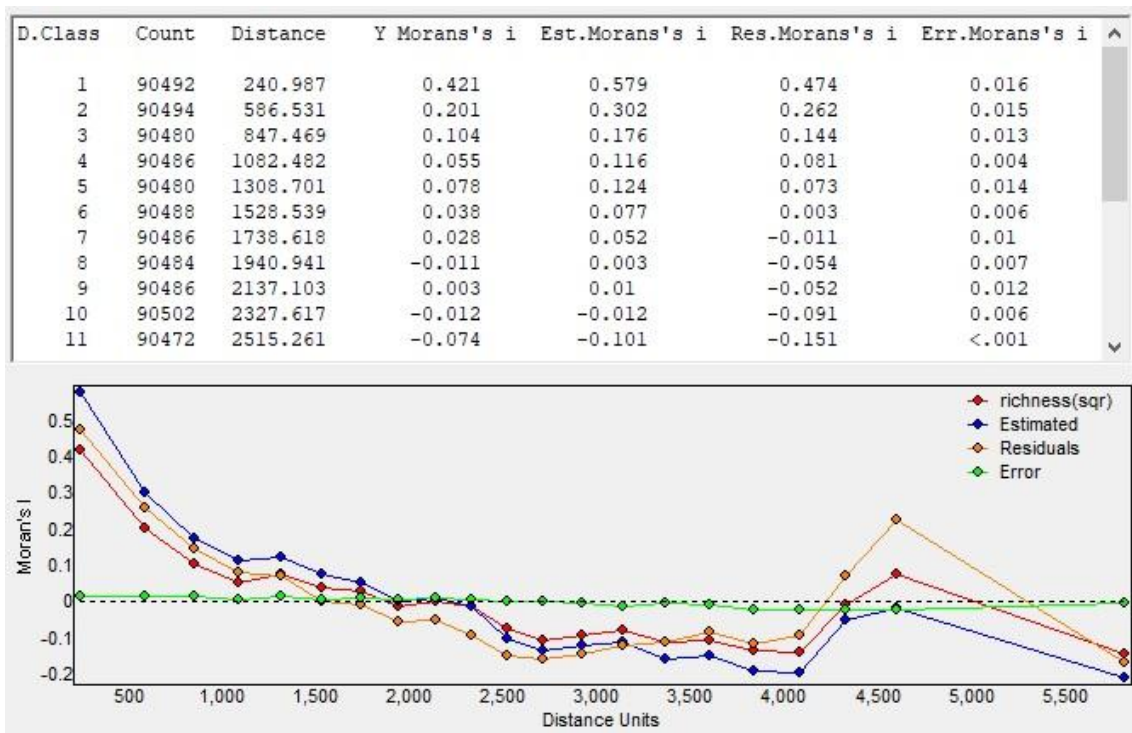


Fig. S1 Moran's I values (above) and correlogram (below) showing residual spatial autocorrelation along distance classes for the OLS (ordinary least squares) model (performed in the software Spatial Analyses in Macroecology: Rangel et al. 2010, *Ecography* 33:1-5).

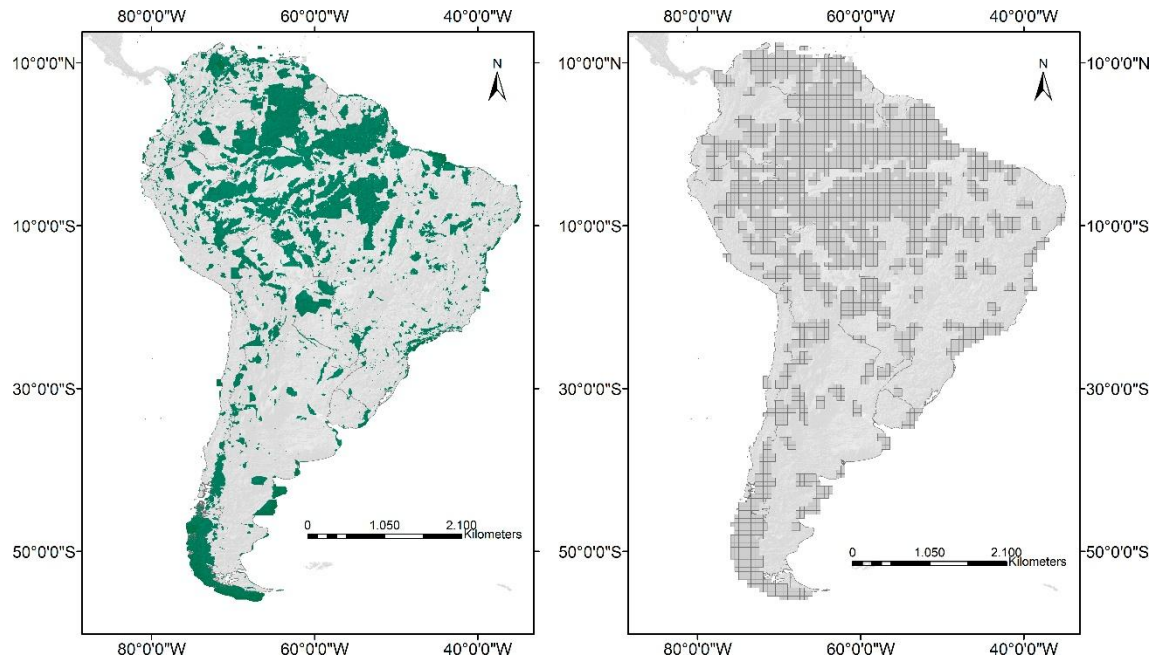


Fig. S2 Network of the legally protected areas in South America obtained from the World Database on Protected Areas (WDPA) (UNEP-WCMC and IUCN 2025) (left panel) and the respective ‘protected’ grid cells (see Material and methods) (right panel).

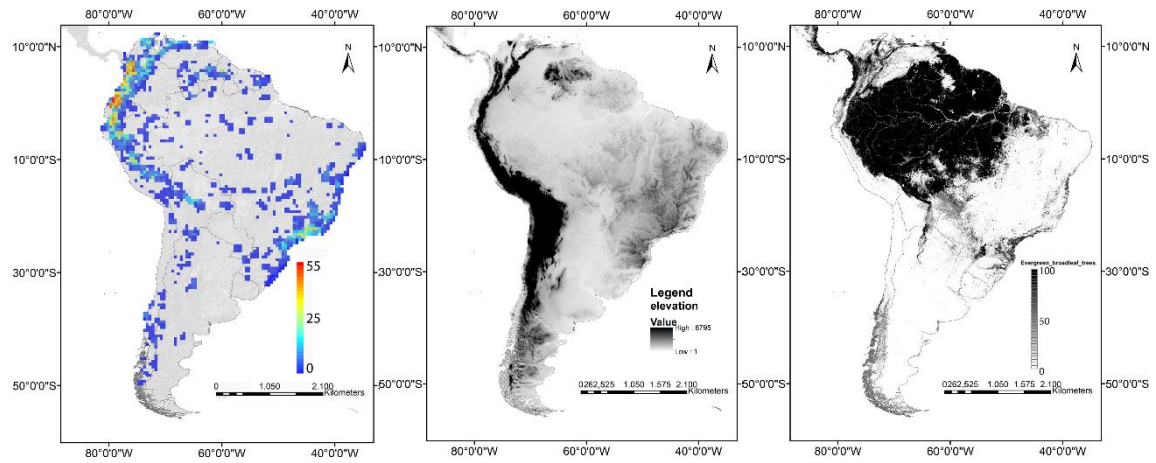


Fig. S3 Anuran microendemic richness, elevation, and the distribution of evergreen broadleaf forest across South America (see methods to check the data sources of each map).