**Ricardo Perez-Alvarez, Julián Chará, Lauren D. Snyder, Michelle Bonatti, Stefan Sieber, and Emily A. Martin. Global Meta-analysis reveals overall benefits of silvopastoral systems for biodiversity.**

### DataS1\_OverviewStudiesMeta-analysis

**Overview of the studies included in the meta-analyses.**

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### File list (files found within DataS1\_OverviewStudiesMeta-analysis.xlsx)

Please list all files contained in this supplement.

Sheet1: Selected\_studies\_meta-analysis

Sheet2: Articles\_Excluded.

**Description**

**Description of headings**

|  |  |  |
| --- | --- | --- |
| **Heading (alphabethic order)** | | **Description** |
| Altitude | | Meters above sea level. Incomplete data because it was not reported in the original study. |
| altS | | Meters above sea level. Values retrieved from WoldClim. 0.5 minutes resolution (0.93 x 0.93 = 0.86 km2 at the equator) |
| Author | | List of authors |
| Biogeographic\_region | | Classification based on the latitude where the study was conducted: tropical (less than 23), subtropics (between 23 and 35), temperate ( more than 35) |
| County | | Country where the study was conducted. |
| DOI | | Digital Object Identifier |
| Journal | | Journal, specific issue, and pages where the paper was published. |
| Latitude | | Distance from the equator in decimal degrees |
| Latitude\_absolute | | Latitude in absolute values ( i.e., only positive values) |
| Longitude | | Measurement east or west of the prime meridian |
| mean\_natural | | mean value of the "ResponseVariable" for the forest treatment |
| mean\_pastures | | mean value of the "ResponseVariable" for the treeless pastures treatment |
| mean\_silvo | | mean value of the "ResponseVariable" for the silvopastoral system (SPS) treatment |
| Metric | | Specific metric used to test differences in biodiversity |
| n\_natural | | sample size for the forest treatment |
| n\_pastures | | sample size for the treeless pastures treatment |
| n\_silvo | | sample size for the silvopastoral system (SPS) treatment |
| Prec | | Mean precipitation. Values retrieved from WoldClim. 0.5 minutes resolution (0.93 x 0.93 = 0.86 km2 at the equator) |
| Region | | A specific location within the country where the study was conducted. Sometimes is a political division (e.g., state, department, province), or sometimes is a well-known geographic region. Information was obtained directly from the paper. |
| ResponseVariable | | Biodiversity metric used to make the comparison between systems (i.e., treatments). |
| sd\_natural | | standard desviation of the "ResponseVariable" for the Forest treatment |
| sd\_pastures | | standard deviation of the "ResponseVariable" for the treeless pasture treatment |
| sd\_silvo | | standard deviation of the "ResponseVariable" for the silvopasture system (SPS) treatment |
| SpecificTaxa | | The taxa where the biodiversity metrics were measured in the original study. It varies in terms of taxonomic resolution. |
| StudyID | | Unique ID for each study in the dataset |
| Taxonomic\_group | | Grouping of the 'Specific taxa' category to run a subgroup analysis in our meta-analysis. |
| Tmean | | Mean tempeture. Values retrieved from WoldClim. 0.5 minutes resolution (0.93 x 0.93 = 0.86 km2 at the equator) |
| TMax | | Max tempeture. Values retrieved from WoldClim. 0.5 minutes resolution (0.93 x 0.93 = 0.86 km2 at the equator) |
| TMin | | Min tempeture. Values retrieved from WoldClim. 0.5 minutes resolution (0.93 x 0.93 = 0.86 km2 at the equator) |
| Title | | Original paper title |
| UniqueID | | UniqueID for every row in the MetaAnalysis Dataset. Some row numbers are missing because they correspond to comparisons between forests and pastures that were not considered in this study. Similarly, some rows were duplicated when the study had two comparisons ( i.e., SPS Vs. Forest and SPS Vs. Pastures). |
| Year | | Year when the study was published |
|  |  | | |