# Dataset description

Title: Please avoid acronyms and abbreviations where possible.

Authors:

List all authors

Affiliations

Please include the full address of each author institution.

Institutional email address preferred.

Keywords: Include 3 keywords. Please select a keywords from the list available at:[UNESCO International Nomenclature for the fields of Science and Technology .](http://www.cyta.com.ar/biblioteca/bddoc/bdlibros/taxo_unesco/taxo_unesco_en.htm)

Abstract: The abstract should describe the data collection process, the analysis performed, the data, and their reuse potential. It should not provide conclusions or interpretive insights. Minimum length 100 words / maximum length 300 words.

## Specifications table

Every section of this table is mandatory. Please enter information in the right-hand column.

|  |  |
| --- | --- |
| Subject | Please select a Subject Area from the list available at:[UNESCO International Nomenclature for the fields of Science and Technology .](http://cyta.com.ar/biblioteca/datasets/taxo_unesco_taxo.xls) |
| Specific subject area | Briefly describe the specific subject area. Max 150 **characters**. |
| Type of data | We want to understand the type(s) of data describes. Delete any description from the list that does not apply. If your data type is not featured, please manually add it.   * Table * Image * Chart * Graph * Figure |
| How the data were acquired | State how the data were acquired: e.g., via microscope, SEM, NMR, mass spectrometry, etc. If it was via a survey, you must submit a copy of that survey as supplementary material. If the survey is not written in English, please provide an English-language translation.  Please also provide information on the instruments used to acquire your data (e.g., hardware, software, program), including any relevant make and model details. Also, provide a brief description of the methods or protocols used for collecting data. |
| Data format | List your data format(s). Delete any descriptions from the list that do not apply. If your data format is not featured, please manually add it.   * Raw * Analyzed * Filtered |
| Description of data collection | Provide a brief description of the conditions that were used for data collection. Describe the factors/samples under study that were used to generate data points and inclusion/exclusion criteria (if necessary). You may also describe how the data were normalised. Max 400 **characters**. |
| Data source location | Provide the information requested below. If any of the bullet points do not apply, please delete them:   * Institution. * City/Town/Region. * Country. * Latitude and longitude (and GPS coordinates, if possible) for collected samples/data. * If you are describing secondary data, this is where you list the raw data sources used. |
| Data accessibility | If you are describing secondary data (data that has already been collected through primary sources and made readily available for researchers to use for their own research), you are required to provide a list of the primary data sources used and make the full secondary dataset publicly available via a data repository. |
| Related research article | If your data supports an original research article, please cite the associated research article here. You should only list one article. |

## Value of the data

Provide up to 6 bullet points explaining why these data are of value to the scientific community. At a minimum you must answer the first 3 bullet point questions below (then those questions should be deleted). Please keep your points brief – ideally, each one should be no longer than 400 characters. Avoid any conclusions or inferences.

·        Why are these data useful?

·        Who can benefit from these data?

·        How can these data be used/reused for further insights and/or development of experiments?

## Data description

Individually describe the data files e.g., figure 1, figure 2, table 1, dataset, raw data, and data shared in the repository, etc. Please ensure you refer to every file separately and provide a clear description for each one (do not just list them). Legends should be included for tables, figures and graphs. No insights, interpretations, background, or conclusions should appear in this section.

## Experimental design, materials and methods

Provide a complete description of the experimental design and methods used to acquire these data. Include any programs or code files used for data filtering or analysis. It is important that this section is as comprehensive as possible.

Tip: Do not describe your data (figures, tables, etc.) here – you should have already done that in the Data description section above.

## CRediT author statement

Here add a CRediT author declaration for your data article.

CRediT (Contributor Roles Taxonomy) is a high-level taxonomy, including 14 roles, that can be used to represent the roles typically played by contributors to scientific scholarly output. The roles describe each contributor’s specific contribution to the scholarly output.([© 2022 CRediT](https://credit.niso.org/))

|  |  |
| --- | --- |
| Conceptualization | Ideas; formulation or evolution of overarching research goals and aims. |
| Data curation | Management activities to annotate (produce metadata), scrub data and maintain research data (including software code, where it is necessary for interpreting the data itself) for initial use and later re-use. |
| Formal Analysis | Application of statistical, mathematical, computational, or other formal techniques to analyse or synthesize study data. |
| Funding acquisition | Acquisition of the financial support for the project leading to this publication. |
| Investigation | Conducting a research and investigation process, specifically performing the experiments, or data/evidence collection. |
| Methodology | Development or design of methodology; creation of models. |
| Project administration | Management and coordination responsibility for the research activity planning and execution. |
| Resources | Provision of study materials, reagents, materials, patients, laboratory samples, animals, instrumentation, computing resources, or other analysis tools. |
| Software | Programming, software development; designing computer programs; implementation of the computer code and supporting algorithms; testing of existing code components. |
| Supervision | Oversight and leadership responsibility for the research activity planning and execution, including mentorship external to the core team. |
| Validation | Verification, whether as a part of the activity or separate, of the overall replication/reproducibility of results/experiments and other research outputs. |
| Visualization | Preparation, creation and/or presentation of the published work, specifically visualization/data presentation. |
| Writing – original draft | Preparation, creation and/or presentation of the published work, specifically writing the initial draft (including substantive translation). |
| Writing – review & editing | Preparation, creation and/or presentation of the published work by those from the original research group, specifically critical review, commentary or revision – including pre- or post-publication stages. |

Example of a CRediT author statement:

Zhang San: Conceptualization, Methodology, Software. Priya Singh: Data curation, Writing- Original draft preparation. Wang Wu: Visualization, Investigation. Jan Jansen: Supervision. Ajay Kumar: Software, Validation.: Sun Qi: Writing- Reviewing and Editing.

## Acknowledgments

All contributors who do not meet the criteria for authorship should be listed in an acknowledgments section.

In addition, please list any funding sources in this section. List funding sources in this standard way to facilitate compliance to funder's requirements.

## Funding

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It is not necessary to include detailed descriptions of the program or type of grants and awards. When funding is from a block grant or other resources available to a university, college, or other research institution, submit the name of the institute or organization that provided the funding.

If no funding has been provided for the research, please include the following sentence:

This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

## Declaration of interests

Please tick the appropriate statement below and declare any financial interests/personal relationships which may affect your work in the box below.

* The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.
* The authors declare the following financial interests/personal relationships which may be considered as potential competing interests:

Please declare any financial interests/personal relationships which may be considered as potential competing interests here.

## References

References are limited to a maximum of 20 and excessive self-citation is not allowed.

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Identify it, in the subject field, with the word: Datasets

In the body of the email, indicate the following information for each of the authors: name to be quoted, filiation, and email

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