

MacaqueNet Terms of Use

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Acknowledgements: This terms of use document was adapted (with permission) from the SPI-Birds Network and Database. We would like to thank Antica Culina for her guidance in producing these terms of use.

INTRODUCTION

This document was created for MacaqueNet. MacaqueNet is a global grassroots network, whose mission is to encourage and facilitate collaboration between macaque researchers. MacaqueNet aims to strengthen and create new connections between macaque researchers, to facilitate data sharing and promote truly interdisciplinary and cross-species big-team science. Together, we can join forces to establish a culture where knowledge and resources are shared to let comparative macaque research reach its full potential.

This terms-of-use document provides a guide to contributing, accessing and using data stored in the MacaqueNet database. Each dataset is accompanied by metadata, which provides information including data contributors, population, study period, subject names as well as the level of access (open or accessible upon request) for both the metadata and data of each dataset, as selected by the data contributor. We encourage the use of the MacaqueNet database for academic, research, education, and other non-profit professional purposes. Access to any dataset stored in the database may be requested for a specific project. Users must read and agree to MacaqueNet's data use agreement below, and adhere to the principle of acknowledging the use of data and its attribution.

GLOSSARY

TERM	DEFINITION
data contributor	The person, team or organisation that owns or has custody of a dataset, and contributed it to the MacaqueNet database.
lead_contact	The person who serves as the primary point of contact for each dataset.
data user	The person or team who is requesting access to use a dataset or datasets stored in the MacaqueNet database.
data_access	The level of access to the behaviour or subject data of each dataset, as selected by the data contributor. Can be one of two options: "open" (open access to the data) or "onrequest" (access to the data can be requested by a researcher wishing to utilise the data for their project).
usage terms	Specific terms for using a dataset, as prescribed by the data contributor, often in correspondence with a data user, specifying any additional conditions under which their data may be used.

DATA REQUESTS

To request access to datasets stored in the MacaqueNet database, data users must complete a data request form, providing their name, contact email, a brief project proposal, along with the unique number for the dataset(s) they would like access to. Available data can be viewed using the search tool on the MacaqueNet website. Once a request form is submitted, the MacaqueNet internal team will establish contact between the data users and each data contributor(s) for the datasets the data user lists in their form via email. Once the data user and contributor(s) are in contact, all correspondence should occur directly between the user and contributor. At this point, both parties should discuss the proposed project, and the data contributor(s) will determine whether their data is suitable and if they agree to share their data. Data contributors may specify conditions that the user must agree to before they can utilise a dataset, such as co-authorship. More information about data use requirements can be found in section 4. If the data contributor agrees to share the datasets with the data user, the data contributor should give the MacaqueNet internal team permission to share the data. Data users are responsible for tracking the progress of their data request, including keeping a record of which data contributors have granted or declined permission for each dataset. Once all responses have been received, the data user should notify MacaqueNet by sending an email to MacaqueNet@gmail.com. The datasets for which permission to use them for the project was granted will be shared by the MacaqueNet internal team in a zip folder via email.

For transparency, all MacaqueNet data requests are recorded in a data request log in our public database GitHub repository, with the following information: request date, full name and affiliation of the data requester, preliminary project title, project proposal including predictions and methods, a list of the MacaqueNet ID's for all requested datasets and for those for which permission was granted, and project status. All MacaqueNet projects using data from the MacaqueNet database will appear on the MacaqueNet website. As a minimum, each project page will include: title, project summary, names of team members.

DATA USE REQUIREMENTS

Access to datasets stored in the MacaqueNet database may be granted to a data user, depending on the `data_access` level of the dataset and the outcome of the correspondence between the data user and data contributor for closed datasets. The general MacaqueNet terms of use apply to all users who have access to data that are not their own, including data curators. By accepting this document and accessing data from the MacaqueNet database, the user agrees to the following:

- To follow the terms defined in the `data_access` level, and the study's usage terms for each study for which data are accessed and utilised.
- To obtain permission from the data contributor(s) for the proposed use for accessing and utilising data. At the point of discussing data use, data users should offer data contributors authorship. For datasets with the `data_access` level set to 'open', permission from the data contributor is not required for use. However, we strongly encourage data users to make a reasonable attempt to contact the `lead_contact` about their intended use, and to offer co-authorship or other credit as appropriate for publications or products resulting from the use of their dataset(s). Please note, by default, MacaqueNet members whose data is used for a study should be included as co-authors, unless they specify that they do not wish to be a co-author (for more information, see Annex I). Data contributors might also request that related papers or research projects, and/or acknowledge funders, field stations, field teams, research councils, national parks, etc are cited. This will be agreed upon between the data user and the data contributor in the terms of use for each dataset for a specific proposed project.
- To use the data only after obtaining explicit permission granted specifically for the intended project. If the data is intended for new applications or analyses, or if the applications or analyses significantly differ from the originally proposed project, permission from the data contributor needs to be obtained again.
- To follow MacaqueNet citation guidelines (Annex I) for citing the use of data from the MacaqueNet database. Citation for individual datasets is only required if specified in the usage terms, as agreed

with each data contributor. However, we encourage following these guidelines or providing citation and acknowledgement as is feasible.

- Not to hold MacaqueNet or the data contributor liable for errors in the data. We do not guarantee the completeness or accuracy of the datasets stored in the MacaqueNet database.
- To assess the suitability of each dataset for its intended use. Users are responsible for determining the suitability of each dataset they request access to. Allowing the download of these data does not suggest that MacaqueNet or the data contributor approve of the proposed use or support the results of your analysis. If you find potential errors or incomplete information within a study, please contact the lead_contact and/or MacaqueNet@gmail.com.

DISCLAIMER

By using these data, the data user agrees to follow the guidelines outlined in this agreement. While substantial efforts are made to ensure the accuracy of data and documentation, complete accuracy of datasets cannot be guaranteed. MacaqueNet shall not be liable for damages resulting from any use or misinterpretation of datasets. The data user may be held responsible for any misuse that is caused or encouraged by the data user's failure to abide by the terms of this agreement. Data users should be aware that we periodically update datasets. Thank you for your understanding and cooperation.

ANNEX I

The following guidelines and examples are provided for data users, data contributors and publishers to ensure appropriate citation of data hosted at the MacaqueNet Database. Because data contributors retain custody of their data in the MacaqueNet database, references to "MacaqueNet data" or "data accessed through MacaqueNet" are insufficient. Proper citation or other attribution will depend on the data contributor's terms of use (as agreed with each data contributor for a specific study).

1. **Citing MacaqueNet** Every paper using data from MacaqueNet should cite the MacaqueNet database itself, using this citation: De Moor, D., et al., MacaqueNet: Big-team research into the biological drivers of social relationships. bioRxiv, 2023. DOI: <https://doi.org/10.1101/2023.09.07.552971>
2. **Including MacaqueNet as a co-author & recognizing data contributors** MacaqueNet has been established as a consortium and should be included as a co-author for all papers that use the MacaqueNet database. Under the author "MacaqueNet", all MacaqueNet members and the core maintenance team (Prof. Lauren Brent, Dr Delphine De Moor, Macaela Skelton, Dr Christof Neumann, Dr Julie Duboscq) should be listed as consortium members, even if their data has not been used and/or they haven't contributed to the given study. The MacaqueNet database paper provides an example of how authorship within the MacaqueNet consortium might appear for a given journal, with consortium members acknowledged in the supplements. This approach acknowledges both MacaqueNet and data contributors without excessively extending the author list. Authorship requirements for each journal may differ, therefore the exact format in which consortium members are credited will vary. Being listed as a member of the consortium does not necessarily make you a co-author. Nevertheless, members can indicate (e.g. on cv's, grant applications etc.) the consortium's contribution to scientific knowledge and link to the MacaqueNet Google Scholar page.

In addition to being listed as members of the MacaqueNet consortium, data contributors with negotiated co-authorship in the data sharing agreement, as well as the primary curators of the database (Dr Delphine De Moor and Dr Christof Neumann), should be offered authorship for all resulting manuscripts. Both data contributors and curators may choose to decline the offer.

3. **Acknowledging MacaqueNet funders** Every paper using data accessed via MacaqueNet should acknowledge MacaqueNet funders: a European Research Council Consolidator grant (FriendOrigins - 864461).

4. **Cite datasets hosted at MacaqueNet** Each dataset used should be referred to by including the following metadata: the population and the group names, the study period, the behaviour, the “MacaqueNet ID”, the database version and the date accessed. For example:

“The data used in this study were accessed from MacaqueNet (population: Cayo Santiago, group: F, study period: July-November 2012, behaviour: grooming, MacaqueNet ID: 1003, database version: 2023.10.10) on December 8th 2023.”

This reference format can also be used for data availability statements, as it follows the recommendations by Springer-Nature and a research data policy framework drafted by the Research Data Alliance (Hrynaszkiewicz et al. 2020).

5. **Cite large numbers of datasets/publications** In collaborations involving many MacaqueNet datasets, such as meta-analyses or comparative analyses, the content format or journal might limit the number of references and make it impossible to cite all participating studies and existing papers as described above. Examples of ways to include a longer list of citations or alternative acknowledgements:
 - (a) Some journals allow a separate reference list for the methods that might allow a full listing of citations for participating studies.
 - (b) Web-based tools or products should include a page of acknowledgements or source information that lists citations as suggested above, or otherwise reference participating studies and data contributors.
 - (c) Including a full list in the supplemental materials of a paper should be used only as a last resort. References listed here are typically not recognized by search engines and other automated methods of recognizing data citation and re-use.
6. **Sharing data during publication process** When MacaqueNet data are published as part of a manuscript, subject names should be anonymised, and only the derived metrics (such as dyadic relationship strength) should be shared, not the full behavioural matrices shared with the data user(s).

We welcome discussion with publishers and others about how to better support attribution for these types of projects. Please contact MacaqueNet@gmail.com.