

The National Institute on Aging (NIA) Division of Social and Behavioral Research (BSR) provides the following sample Data Management and Sharing Plan for a project involving collection of data from primates. Click [here](#) for more sample plans from NIA.

DATA MANAGEMENT AND SHARING PLAN

If any of the proposed research in the application involves the generation of scientific data, this application is subject to the NIH Policy for Data Management and Sharing and requires submission of a Data Management and Sharing Plan. If the proposed research in the application will generate large-scale genomic data, the Genomic Data Sharing Policy also applies and should be addressed in this Plan. Refer to the detailed instructions in the application guide for developing this plan as well as to additional guidance on sharing.nih.gov. The Plan is recommended not to exceed two pages. **Text in italics are instructions and should be deleted before submitting this plan.** here is no "form page" for the Data Management and Sharing Plan. The DMS Plan may be provided in the *format* shown below.

Element 1: Data Type

A. Types and amount of scientific data expected to be generated in the project:

Summarize the types and estimated amount of scientific data expected to be generated in the project.

The proposed work will generate raw video, activity, and cardiac physiological files from which behavioral data and autonomic nervous system reactivity data will be generated. Data will be generated for N=500 subjects across multiple test points.

B. Scientific data that will be preserved and shared, and the rationale for doing so:

Describe which scientific data from the project will be preserved and shared and provide the rationale for this decision.

Raw data files will be shared. Data sets will consist of quantitative measures forming the basis of primary data analyses.

C. Metadata, other relevant data, and associated documentation:

Briefly list the metadata, other relevant data, and any associated documentation (e.g., study protocols and data collection instruments) that will be made accessible to facilitate interpretation of the scientific data.

All metadata, including analysis codes and data dictionaries will be shared.

Element 2: Related Tools, Software and/or Code:

State whether specialized tools, software, and/or code are needed to access or manipulate shared scientific data, and if so, provide the name(s) of the needed tool(s) and software and specify how they can be accessed.

Data will be shared in .csv files and thus no specialized software or resources are needed to access it. Analysis codes (R and SPSS) will be shared with each data release.

Element 3: Standards:

State what common data standards will be applied to the scientific data and associated metadata to enable interoperability of datasets and resources and provide the name(s) of the data standards that will be applied and describe how these data standards will be applied to the scientific data generated by the research proposed in this project. If applicable, indicate that no consensus standards exist.

No consensus standards exist for the data to be collected and shared. We will create a data dictionary that will be posted with the dataset, detailing variable definitions and how data were generated using DDI Codebook, an established, internationally recognized metadata standard.

Element 4: Data Preservation, Access, and Associated Timelines

A. Repository where scientific data and metadata will be archived:

Provide the name of the repository(ies) where scientific data and metadata arising from the project will be archived; see [Selecting a Data Repository](#).

We will utilize the [Repository Name Here] for sharing which creates a permanent link to the resources

and is both searchable and indexed.

B. How scientific data will be findable and identifiable:

Describe how the scientific data will be findable and identifiable, i.e., via a persistent unique identifier or other standard indexing tools.

Data and metadata will be assigned a DOI via [Repository Name Here] for indexing and searchability.

C. When and how long the scientific data will be made available:

Describe when the scientific data will be made available to other users (i.e., no later than time of an associated publication or end of the performance period, whichever comes first) and for how long data will be available.

Data sets will be made public when all analyses have been completed and each paper has been accepted for publication. We commit to making data available no later than the online publication date of each paper. At the conclusion of the project, resources to implement the assessment tool will be made available. Once data are deposited into [Repository Name Here], the archive will control the long-term availability of data.

Element 5: Access, Distribution, or Reuse Considerations

A. Factors affecting subsequent access, distribution, or reuse of scientific data:

NIH expects that in drafting Plans, researchers maximize the appropriate sharing of scientific data. Describe and justify any applicable factors or data use limitations affecting subsequent access, distribution, or reuse of scientific data related to informed consent, privacy and confidentiality protections, and any other considerations that may limit the extent of data sharing. See [Frequently Asked Questions](#) for examples of justifiable reasons for limiting sharing of data.

Archived files will be accessible with no limitations. Animal IDs will be replaced with codes. If the videos include primate footage that could put the researchers at risk, the videos will only be shared with approved users.

B. Whether access to scientific data will be controlled:

State whether access to the scientific data will be controlled (i.e., made available by a data repository only after approval).

Access to data will not be controlled, except in situations when videos include footage that could put the researchers at risk. All shared data will be openly available.

C. Protections for privacy, rights, and confidentiality of human research participants:

If generating scientific data derived from humans, describe how the privacy, rights, and confidentiality of human research participants will be protected (e.g., through de-identification, Certificates of Confidentiality, and other protective measures).

N/A. No human data will be generated or shared.

Element 6: Oversight of Data Management and Sharing:

Describe how compliance with this Plan will be monitored and managed, frequency of oversight, and by whom at your institution (e.g., titles, roles).

The PI will oversee archiving and sharing of the analysis codes generated from this project upon publication or at the end of the project period, whichever comes first. The final project report will summarize adherence to this data management and sharing plan.