A Guide to Data Sharing

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4. Providing the Details for Kidney360

4.1 Original Data or Anonymized Data

4.2 All Data is Included

4.3 Previously Published Data

4.4 No Data Underlying in This Work

4.5 Partial Restrictions

4.6 Data Cannot Be Shared
Data Sharing Statement and Requirements

ASN subscribes to the FAIR (findable, accessible, interoperable, and reusable) data principles and requires that authors deposit data in a community-approved public repository. Information on the FAIR Guiding Principles for scientific data management and stewardship can be found on the FAIR website.

Data that is the basis of research findings, including, but not limited to, the results of clinical trials, must contain the following data sharing elements:

- **Data Type** may be an analyzable dataset, clinical study report, clinical trial dataset, executable code, generated dataset, published material, raw data/source data, simulation codes, statistical analysis plans, or other.
- **Repository Name** of the system to which the data is deposited. There are over two dozen repositories from which you can select.
- **DOI/accession number** or the persistent web link to the dataset(s).
- **Reviewer Token**, when available, for confidential peer review purposes.

Publications involving machine learning are required to provide novel computer script, trained machine learning models, as well as source data used for performance evaluation at a publicly accessible website such as Github or Sourceforge.

Frequently Asked Questions

- **Why should I share my data?**
  - Data sharing helps advance scientific discovery and improve public health.¹
- **Is a data sharing statement required for every article type?**
  - Data sharing information is required only for original research articles.
- **What is required during the submission process?**
  - The Corresponding Author for all original research articles is responsible for submitting this information during the initial manuscript submission. During submission, the complete list of repositories will be offered, with an option for “other.” If a manuscript utilizes multiple data types from multiple repositories, the Corresponding Author will be required to enter information for each data type and repository.
- **What happens to the data that is supplied during submission?**
  - Data sharing elements provided by the Corresponding Author will be converted into a Data Sharing Statement post-acceptance. If the manuscript is accepted for publication, the Data Sharing Statement will be validated and added to the published article.
- **My research involves human subjects. Am I still required to upload datasets to a data repository?**
  - On a case-by-case basis, the journal editors may allow exceptions when data sharing violates protection of human subjects or if there are valid subject privacy concerns. Restrictions on any or all data access must be disclosed in detail at the time of initial submission. Contact journals@asn-online.org if you have specific data sharing questions or concerns about your manuscript.
- **What if my manuscript utilizes multiple data types from multiple repositories?**
  - The submission system will prompt the Corresponding Author to add information for each data type and repository.
• What happens if there are restrictions on the data, or if it cannot be shared?
  o During submission, authors can indicate if there are restrictions or if data cannot be shared. The Corresponding Author will need to provide an explanation.
• What if the data type or repository that my dataset falls under is not included among the options listed?
  o An option titled “Other” is available for authors to manually enter any information that is not available for selection.
• If I am unable to answer the questions at one time, may I save my submission and return later to complete the submission?
  o Yes, authors may save their submissions and return at another time. The article will not be reviewed by the Editorial Team until the data sharing information has been disclosed.

Additional Information about Data Sharing
• FAIR data principles: Visit the FAIR Principles website.
• The NIH guidelines for Data Sharing: https://grants.nih.gov/grants/policy/data_sharing/.
• A data citation roadmap for scientific publishers: https://www.nature.com/articles/sdata2018259
• “Sharing Clinical Trial Data: Maximizing Benefits, Minimizing Risk”: https://www.ncbi.nlm.nih.gov/books/NBK269030/
• Additional resources are available on the ASN Journals website.
Getting Started for JASN and CJASN

1. Data Sharing Statements
The data sharing questions begin at the end of Step 4, “Authors & Institutions” of the submission process.

The final question in Step 4 requires a “Yes” or “No” answer to statements regarding the data used in the research. How these questions shown below in Table 1 are answered will affect what information will need to be provided in Step 6.

Table 1: Data Sharing Statements

<table>
<thead>
<tr>
<th>Data Sharing</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>You must complete this section by answering “Yes” or “No” to each question. Details about the ASN Data Sharing Policies can be found at: asnjournals.org/datasharing. After you make a selection, you will be required to complete additional questions tied to your selections on Step 6.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Original data deposited in a persistent repository.</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Anonymized data created for the study are available in a persistent repository.</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>All data is included in the manuscript and/or supporting materials.</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Previously published data were used for this study.</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>There are no data underlying this work.</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Partial Restrictions to the data and/or materials apply. Please provide an explanation.</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Data cannot be shared. Please provide an explanation.</td>
<td>*</td>
<td></td>
</tr>
</tbody>
</table>

2. Providing the Details for JASN and CJASN
The follow-up data sharing questions are in Step 6 of the Submission Process. These questions in Step 6 are influenced by the selections made in the Data Sharing Statements section in Step 4. If these statements do not apply to the submitted manuscript, or if there is a gap in the information provided, the selections made in Step 4 may need to be modified.

Data Sharing
You must complete this section which has been generated based upon your responses in Step 4. Details about the ASN Data Sharing Policies can be found at: asnjournals.org/datasharing.
2.1 Original Data or Anonymized Data

If you selected “Yes” in Table 1: Data Sharing Statements to either Original Data or Anonymized data, provide information on the study’s original or anonymized data specifically the data type, repository name, and the DOI or accession number.

If the study used more than one data repository or data type, ASN requires that a separate section be completed for each individual data type.

If the study used more than three data repositories or data types, enter the remaining information in the text box.
If the data type or the repository needed are not listed in the drop-down menu, manually enter the information in the appropriate “If "Other" section.

### 2.2 All Data is Included

If you selected “All Data is included” in Table 1: Data Sharing Statements, you do not need to add any additional information at this time.

### 2.3 Previously Published Data

If you selected “Previously published data were used” in Table 1: Data Sharing Statements, you must add citations for any previously published data used in the manuscript. The citation can be the full citation or a DOI or dedicated URL.

### 2.4 No Data Underlying This Work

If you selected “There are no data underlying this work” in Table 1: Data Sharing Statements, no further information is required.
2.5 Partial Restrictions
If you selected “Partial Restrictions” in Table 1: Data Sharing Statements, list any partial restrictions to the data included in the manuscript and provide a detailed explanation for each.

![Partial restrictions to the data and/or materials apply (please include a detailed explanation)]

2.6 Data Cannot Be Shared
If you selected “Data cannot be shared” in Table 1: Data Sharing Statements, ASN requires that an explanation must be provided for any data that cannot be shared to a repository.

![Data cannot be shared (please include a detailed explanation)]
3. Data Sharing Statements

The data sharing questions begin in the “Policies and Disclosures” section of the Submission.

To complete the Data Sharing Statement, check the boxes that apply to the datasets used in your manuscript. The subsequent information required will vary depending on which boxes are checked.

Table 2: Data Sharing Statements

* Data Sharing Statement
You must complete this section. Details about the ASN Data Sharing Policies including descriptions of data types, can be found on the ASN Journals website.

- Original data created for the study are or will be available in a persistent repository upon publication
- Anonymized data created for the study are or will be available in a persistent repository upon publication
- All data is included in the manuscript and/or supporting information
- Previously published data were used for this study.
- There are no data underlying this work
- Partial restrictions to the data and/or materials apply (please include a detailed explanation)
- Data cannot be shared
4. Providing the Details for Kidney360

4.1 Original Data or Anonymized Data

If you checked “Original data created” or “Anonymized data” in Table 2: Data Sharing Statements, select the type of data used. If the data type used is not in the list, select “Other” and the system will display a text box into which the type should be entered.

In the next step, select the repository to which the data was deposited. If the repository is not listed, select “Other” and enter the repository name in the text box.
The last elements needed are the DOI or citation link of the deposited material and the related Reviewer Token. In this step, identify if an additional dataset was used.

If more than one dataset was used, select “Yes” to “Add Another Original Data Repository” and add the data type, repository name, and token for the additional set.

4.2 All Data is Included

If you checked “All data is included” in Table 2: Data Sharing Statements, you do not need to add any additional information at this time.

4.3 Previously Published Data

If you checked “Previously published data” in Table 2: Data Sharing Statements, you must add citations for any previously published data used in the manuscript.

4.4 No Data Underlying in This Work

If you checked “There are no data underlying this work” in Table 2: Data Sharing Statements, you do not need to add any additional information at this time.

4.5 Partial Restrictions

If you checked “Partial restrictions” in Table 2: Data Sharing Statements, list any partial restrictions to the data included in the manuscript and provide a detailed explanation for each.

4.6 Data Cannot Be Shared

If you checked “Data cannot be shared” in Table 2: Data Sharing Statements, ASN requires that an explanation must be provided for any data that cannot be shared to a repository.