

Data Paper Worksheet

While the introduction and discussion sections are often the shortest components in a data paper, they are critical in the peer-review process. These sections are where you highlight the need for a data paper publication by:

- Describing the purpose of the data
- Highlighting the value of the data to the scientific community by:
 - Identifying unique features of the data such as:
 - Unique sample and/or sample size
 - Data resolution and/or size
 - Expensive or novel data collection techniques/approaches
 - ...other disciplinary or interdisciplinary features...
 - Identifying use-cases outside the primary aims of your research paper/grant

1. Identify a dataset (lab data or your own) that could be a candidate for a data paper

2. Identify 2-3 unique features in the dataset that would benefit the larger scientific community

3. Identify 2-3 use-cases or research questions the data could address *outside* the grant/research project's primary aims