What is the D A R T Project? An IMLS-funded, multi-university study of data management plans that have been submitted to the National Science Foundation (NSF). This will be accomplished through the creation of a rubric, which will enable robust, consistent assessments across the research team. The goal is to turn the DMP into a research tool for academic librarians.

Project Outputs
1) An analytic rubric to standardize the review of data management plans as a means to inform targeted expansion or development of research data services at academic libraries;
2) A study utilizing the rubric that presents the results of data management plan analyses at five universities.

Project Phases
1) Acquisition of DMPs;
2) Iteratively develop analytic rubric;
3) Use rubric to analyze DMPs;
4) Finalize & share rubric;
5) Share results of DMP analyses at 5 research intensive US universities.

D A R T Rubric
A rubric is a descriptive scoring tool. An analytic rubric provides detailed information about sub-components of the work being assessed through independent evaluation of various criteria. An example of a rubric for evaluating NSF DMPs is shown below. This example is for the section regarding data and metadata formats (polve note: this is not the finalized rubric).

<table>
<thead>
<tr>
<th>Performance Level</th>
<th>Performance Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>Complete / detailed addressed criteria and comprehensive data and metadata standards.</td>
</tr>
<tr>
<td>Medium</td>
<td>Addressed criteria, but incomplete and discursive.</td>
</tr>
<tr>
<td>Low</td>
<td>Did not address any criteria.</td>
</tr>
</tbody>
</table>

Notes:
- The rubric is a starting point for discussion and informed by feedback. The specific assessment criteria described in the rubrics have developed as a result of feedback from peers. The rubric may evolve as more feedback is obtained.
- This rubric reveals the MODS, MPS, and DMP-CORE elements that are essential for supporting research and services to meet community data management needs.
- The rubric is contemplated in the context of the DMPs that were studied and does not represent a comprehensive set of data and metadata needs.
- The rubric is intended to support the creation of an evidence-based data management framework for research data management.

What’s Next? Full analysis using rubric:
- Review >100 DMPs each
- Intra- & inter-institution analyses

Share the Rubric & our research results

Thank you!