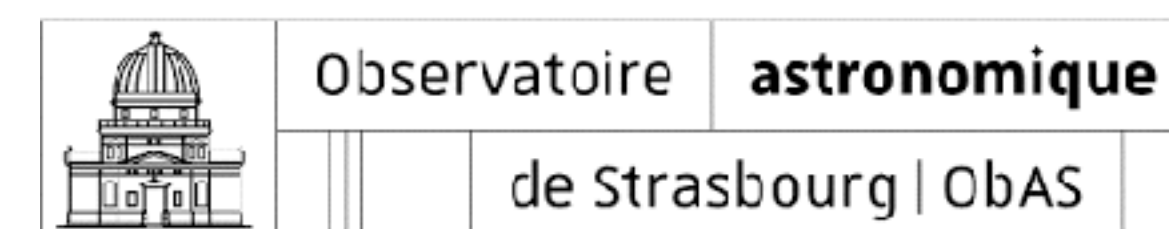




Publish your data in the VO

Interop meeting 25-29 April 2022

Ada Nebot and the CSP of the IVOA



Purpose of the Survey & the Panel

Newcomers to the VO often encounter similar issues and we would like to hear about projects and their experience, to learn where the IVOA can streamline this process.

- **Survey Goal:** learn about projects, data distribution plans, and data products. We would like to learn if your project has plans/interest in using a common data sharing framework through the VO, and if so offer guidance through that process.
- **Panel Goal:** learn about the experience of projects who have gone through the process of publishing their data using IVOA standards
- **The ultimate goal** is to understand how we can better serve the community and help in publishing data into the Virtual Observatory.

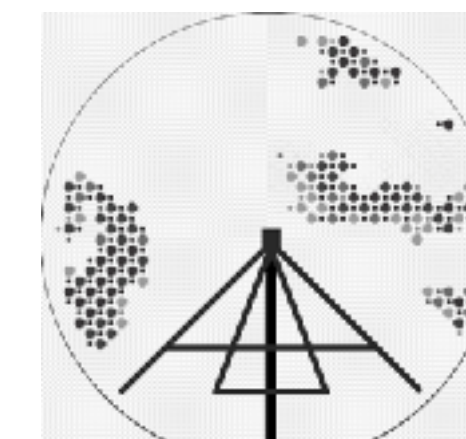
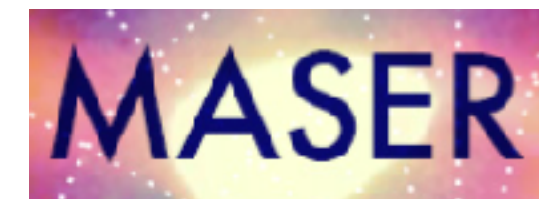
The Survey

- Sent on the 21st February and collected responses until the 25th March
- Translated into Chinese! Thank a lot for that Chenzhou Cui!
- The estimated duration to complete was about 5 minutes
- A set of questions were asked grouped in three blocks:
 - Project information
 - Data products and archives
 - Data Usage and Interoperability
- A set of free text fields were given to allow for sharing other relevant information
- For further interactions it was possible to leave a contact point

□ A total of 45 responses! Thank you all!



MONET



Large Millimeter Telescope Alfonso Serrano



BaSTI



ATOMDB ATOMIC DATA FOR ASTROPHYSICISTS

a Bag of Stellar Tracks and Isochrones



SETI



The Blue Jay Survey
A James Webb Space Telescope program to study the stellar and gas content of galaxies at Cosmic Noon

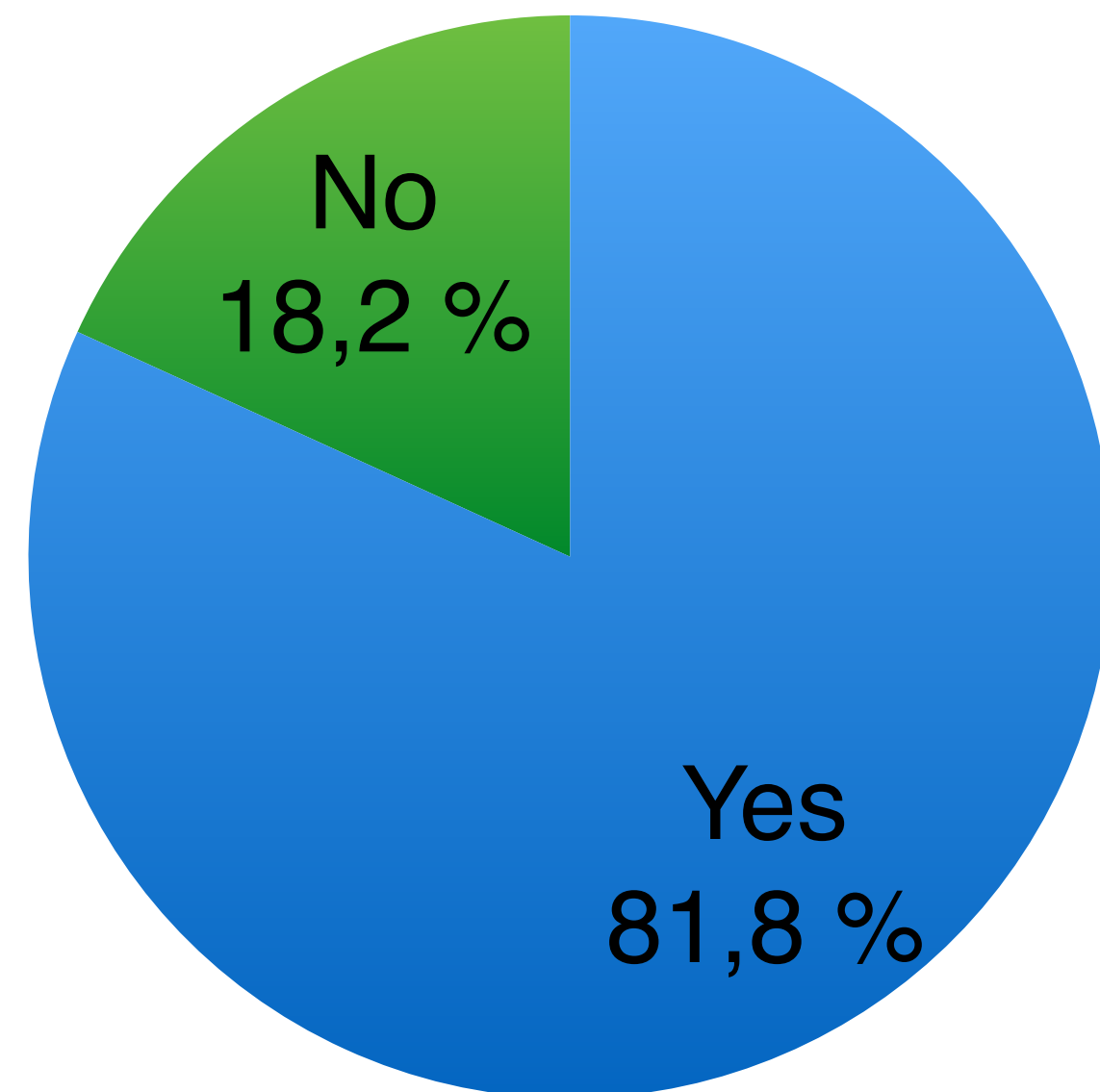


Exo-MerCat MICADO VIOMASS CCHP ELM

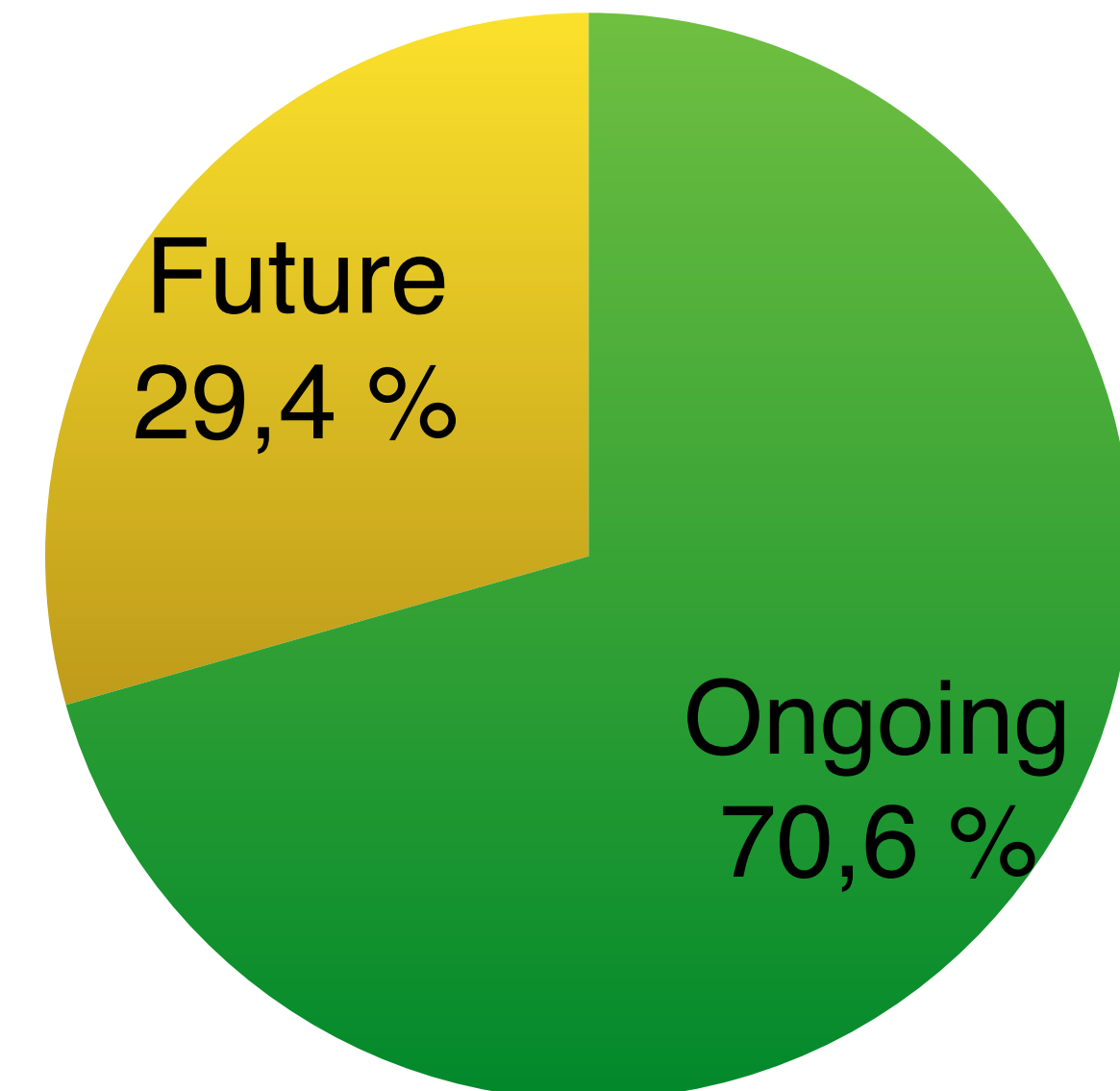
大视场巡天望远镜
— Wide Field Survey Telescope —

Project information

- Is there more than one institution involved in your project?

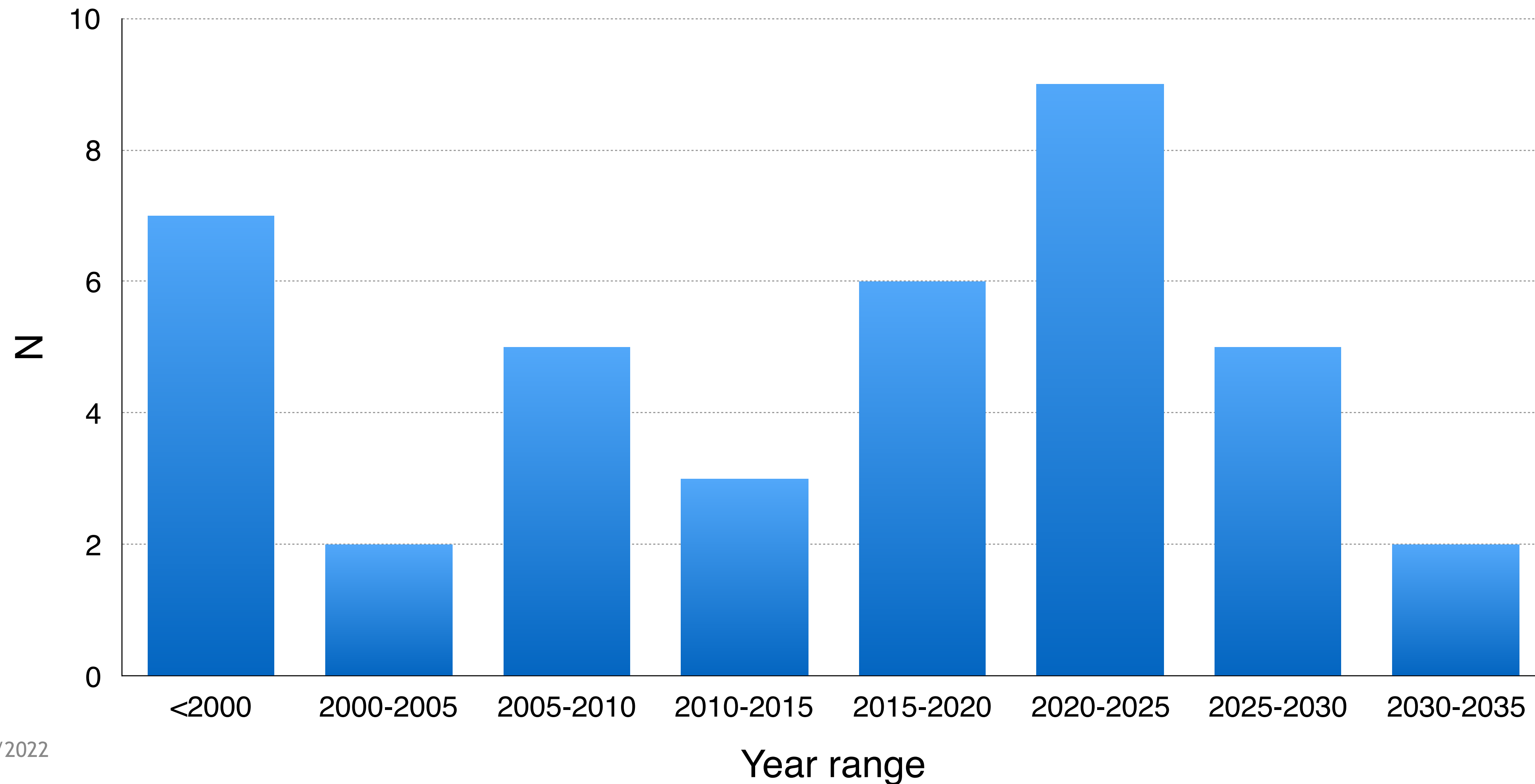


- In what phase is your project? (past, ongoing or future)



Project information

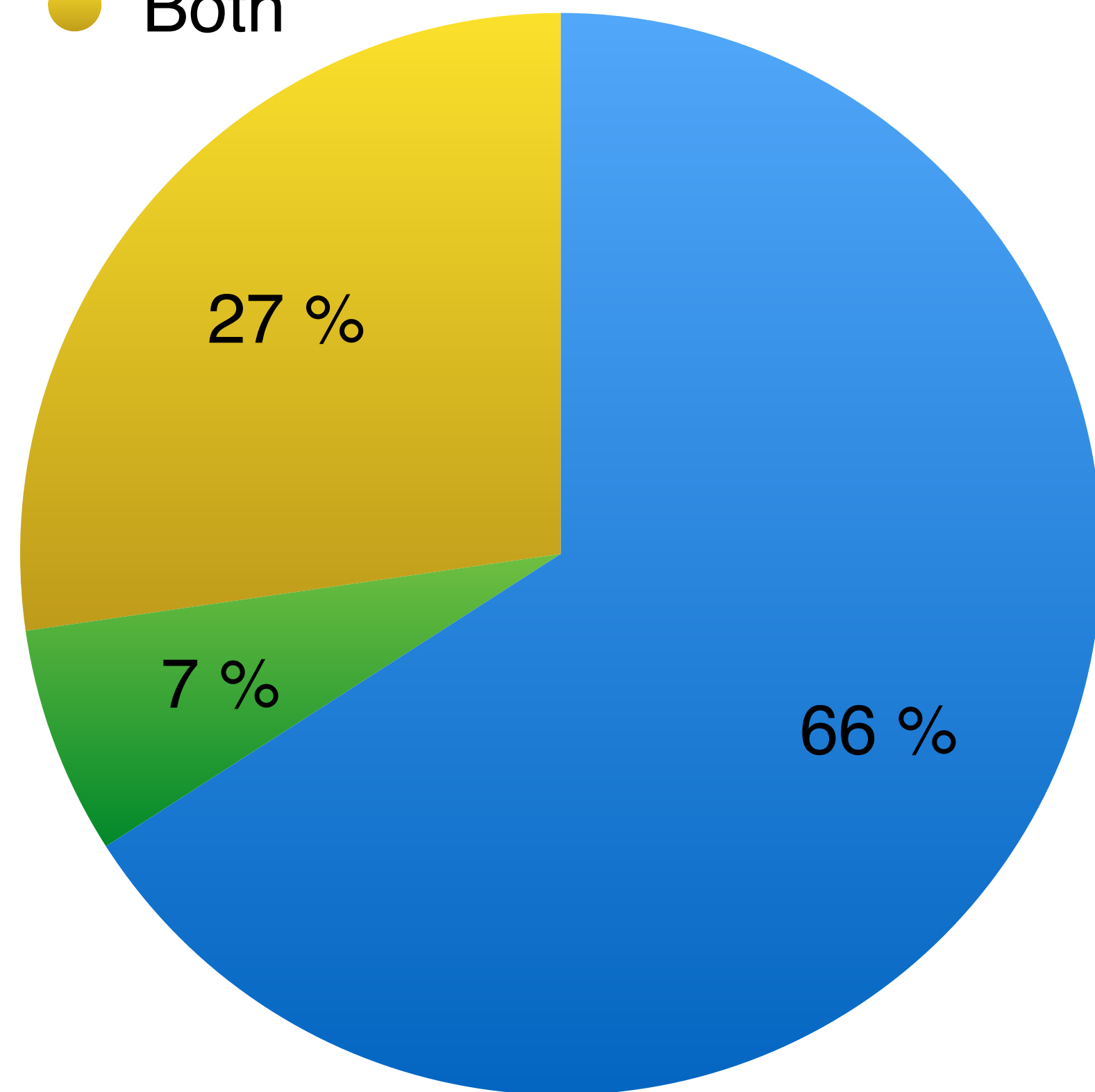
- When was / is first light of your project?



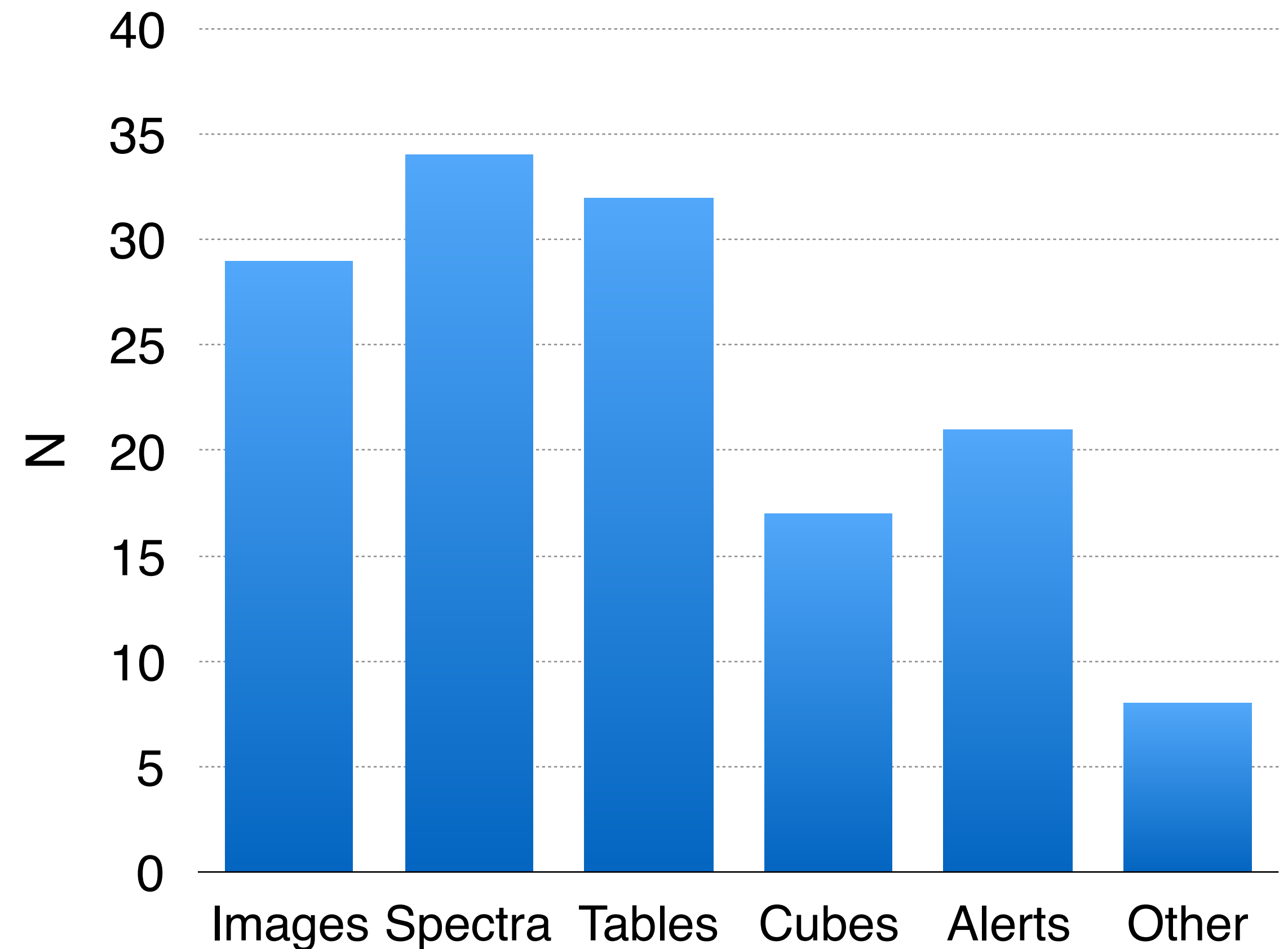
□ Data products and archives

- What are the main products of your project?

● Observations ● Simulations
● Both

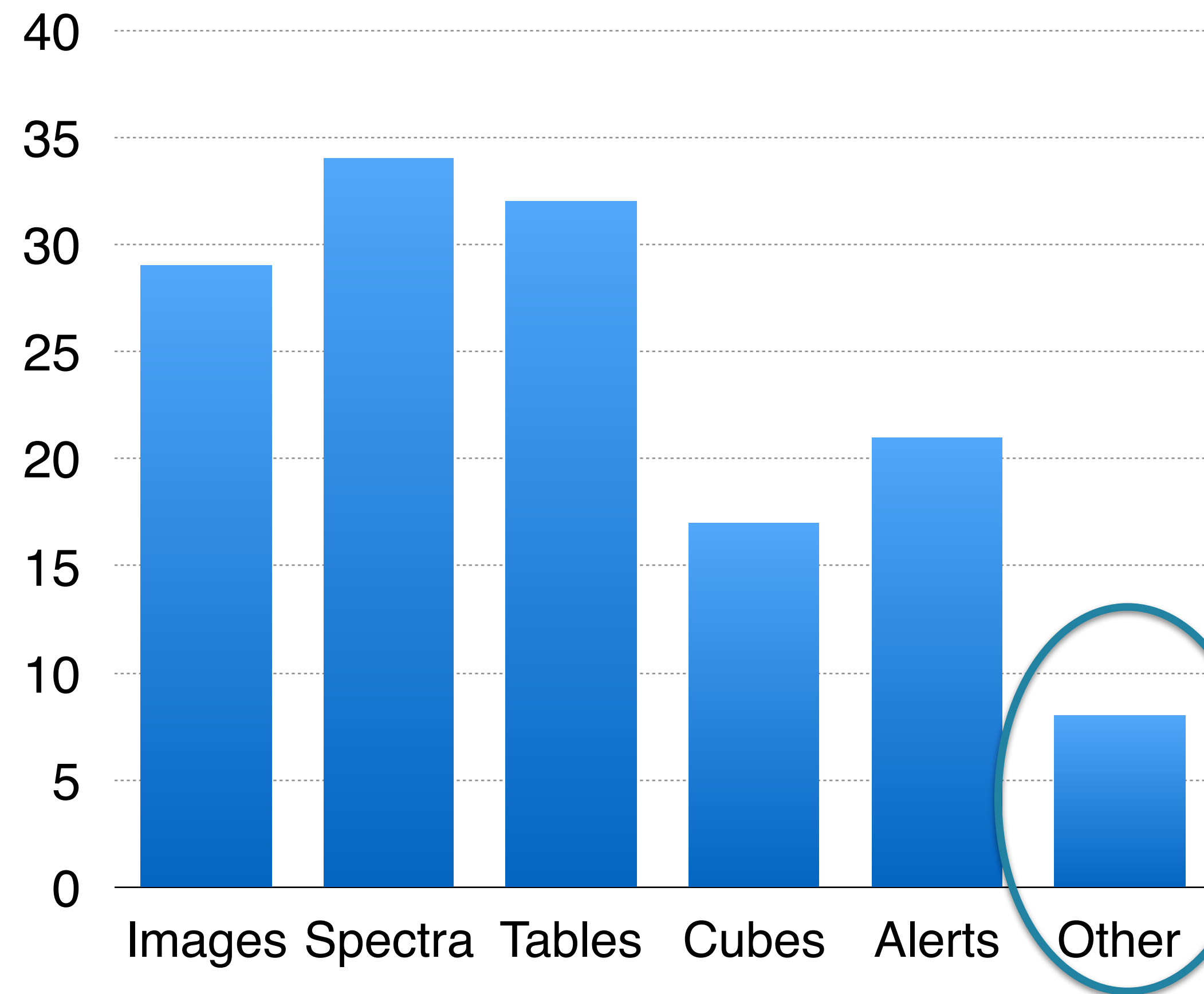


- What are the data product types of your project?



□ Data products and archives

- What are the data product types of your project?

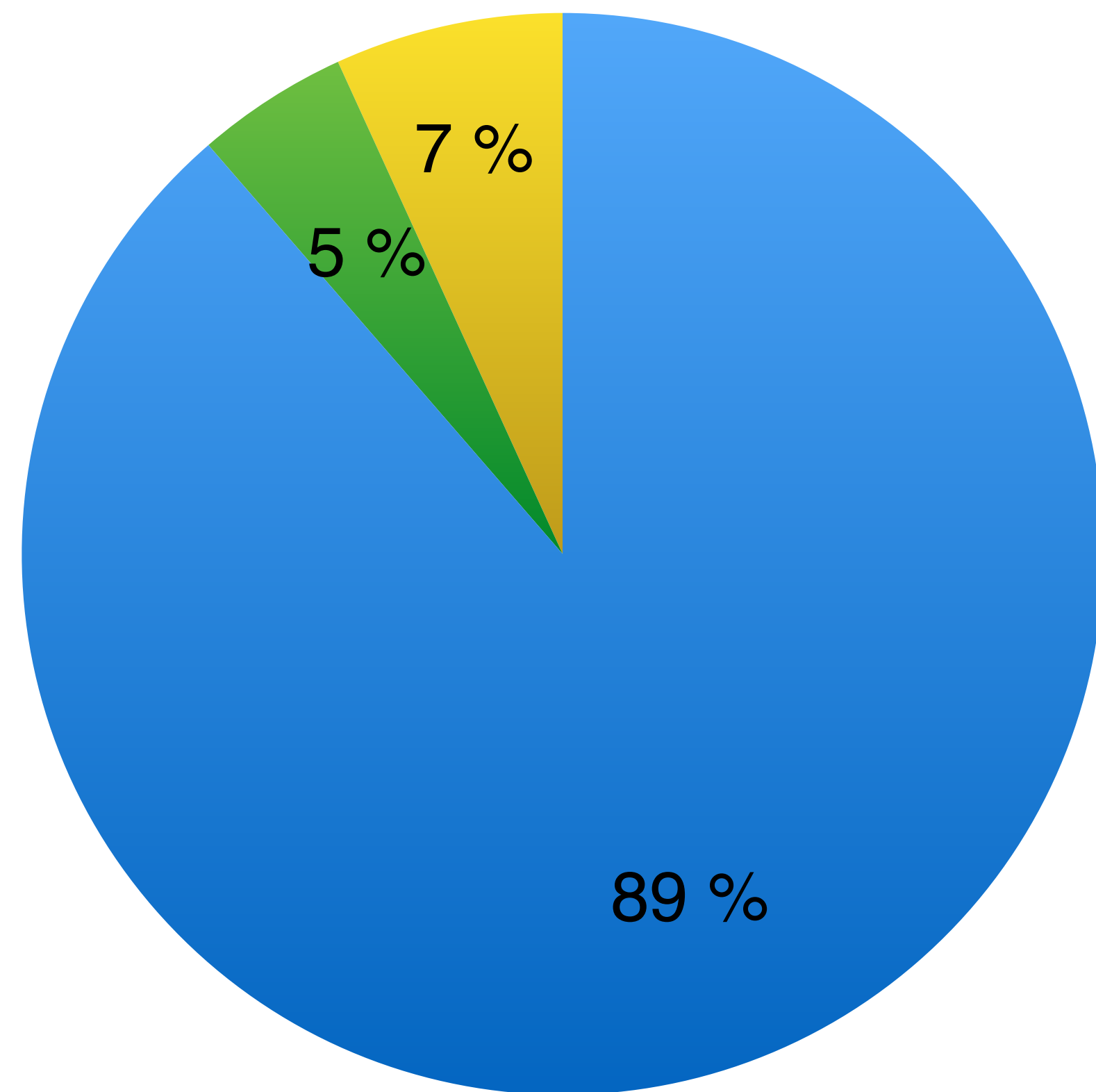


- Time series, polarimetry, parallax and proper motions
- Catalogs, compilations
- HiPS, MOCs, DOIs

□ Data products and archives

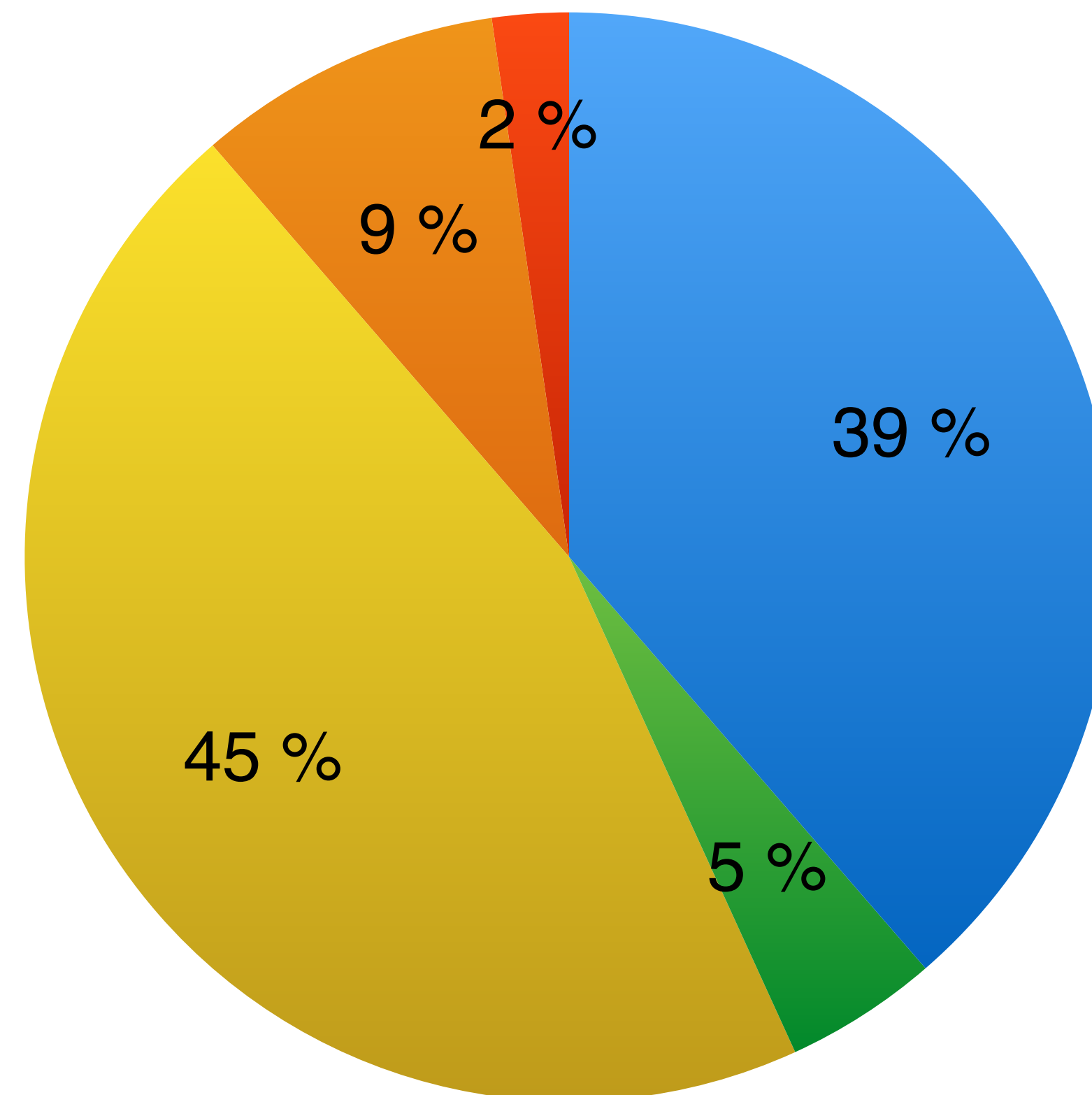
- Does your project have an archive?

● Yes ● No ● Unsure



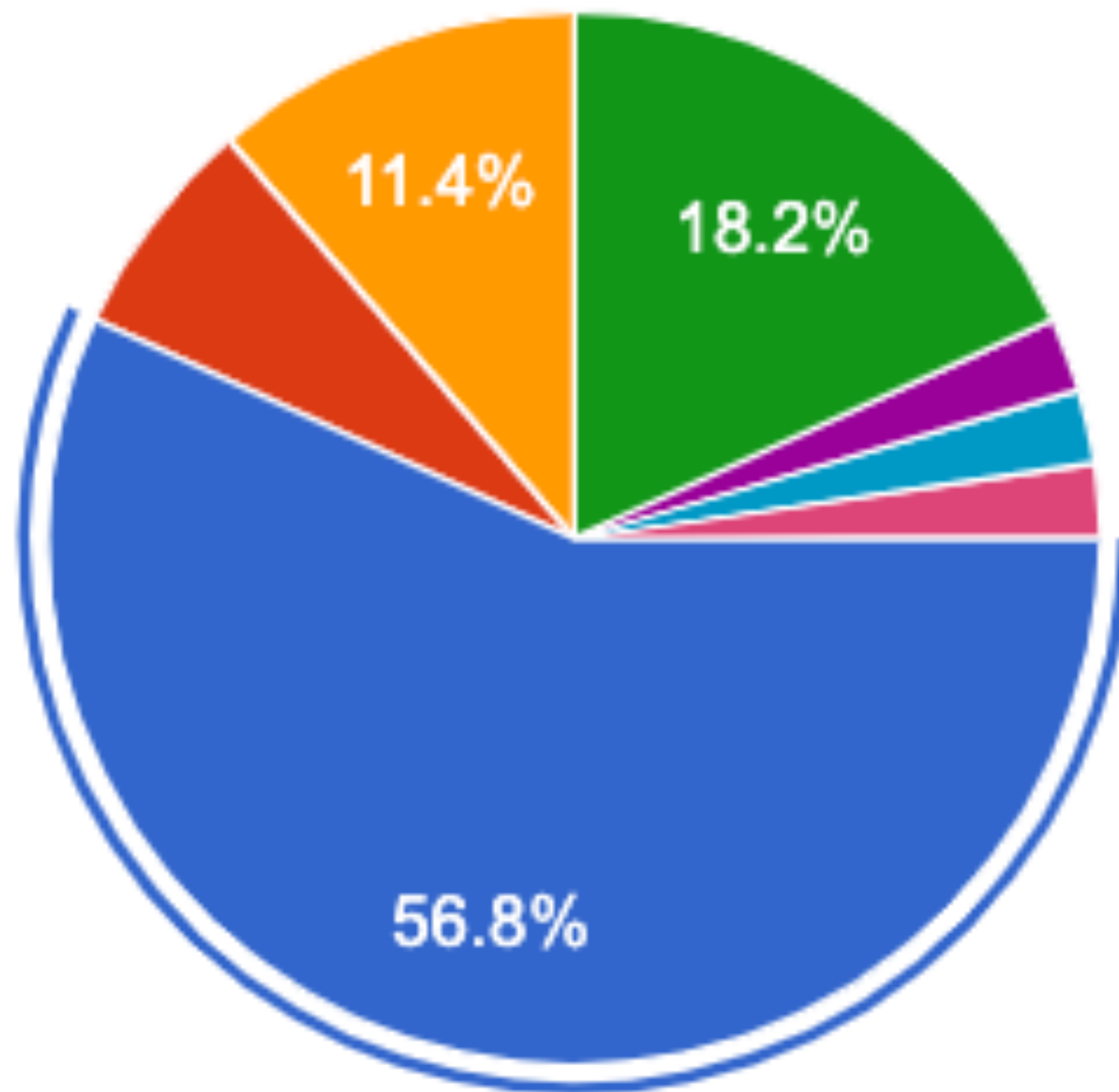
- If yes, is it or will it be a public archive?

● Yes
● No
● Both, public & private
● Unsure
● N/A



□ Data products and archives

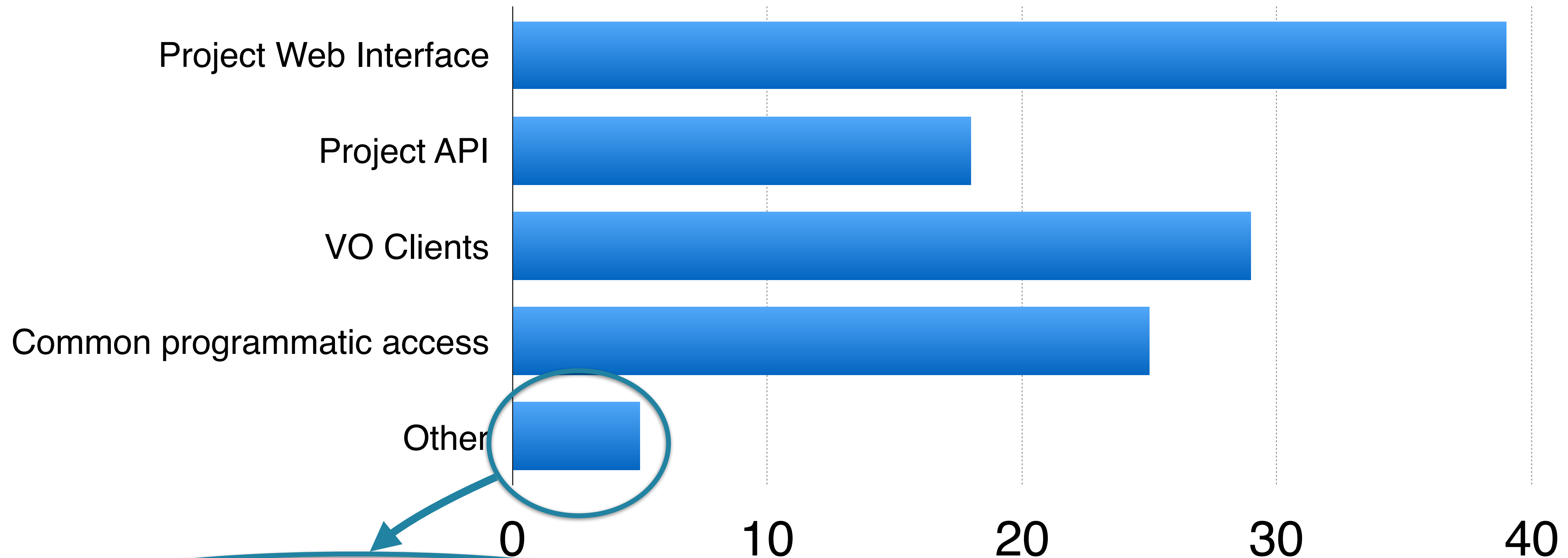
- Does your archive have proprietary data, or otherwise require authenticated access?



- Yes, we have proprietary data
- We do not have proprietary data, but all users have to be authenticated
- We do not have proprietary data, but additional services are available to aut...
- No proprietary data and no authentication
- Unsure
- Not decided yet.
- There will be proprietary data products...

□ Data usage and interoperability

- How do you envisage scientific users accessing your data?

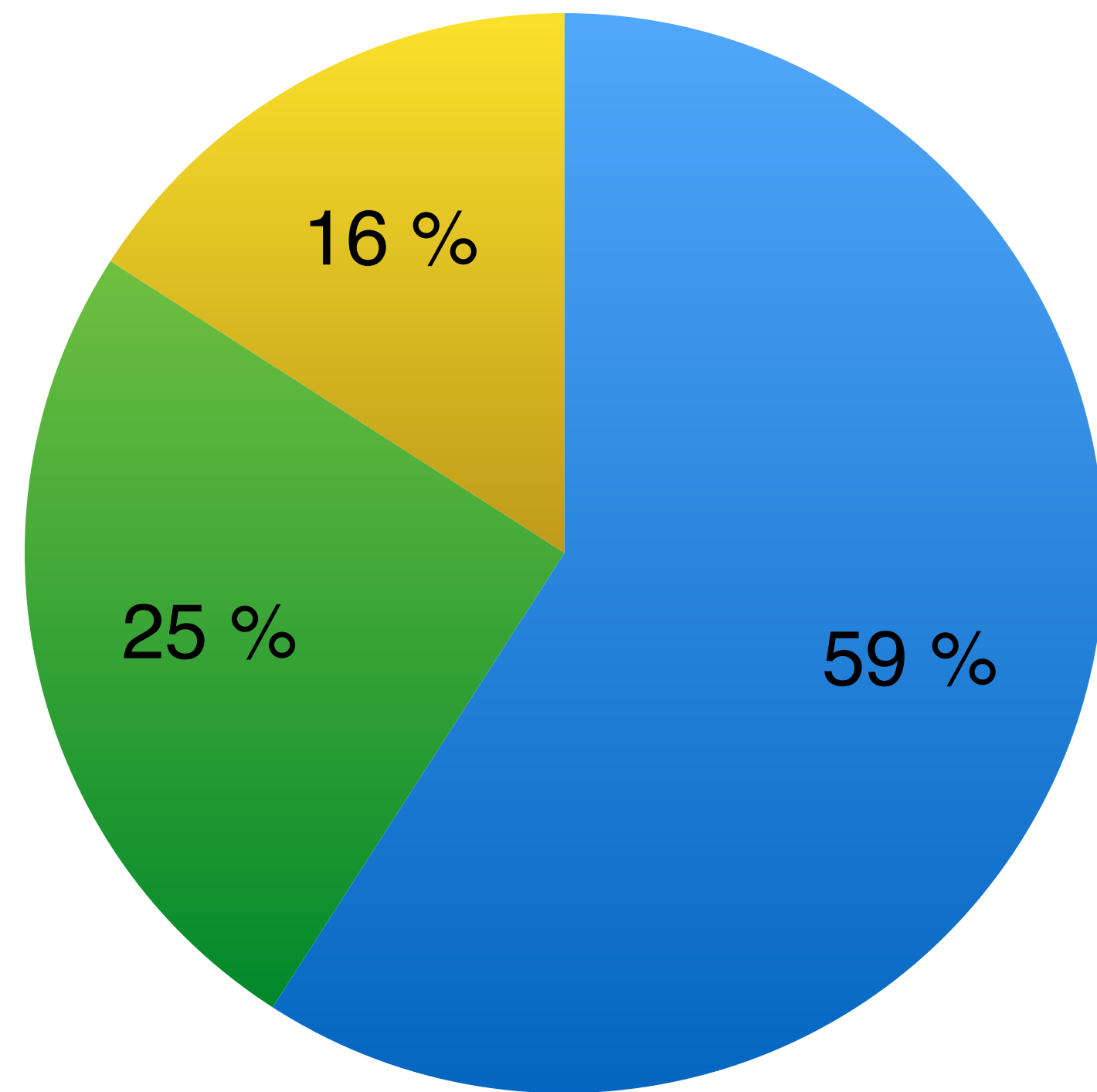


- Dedicated developed soft, google drive

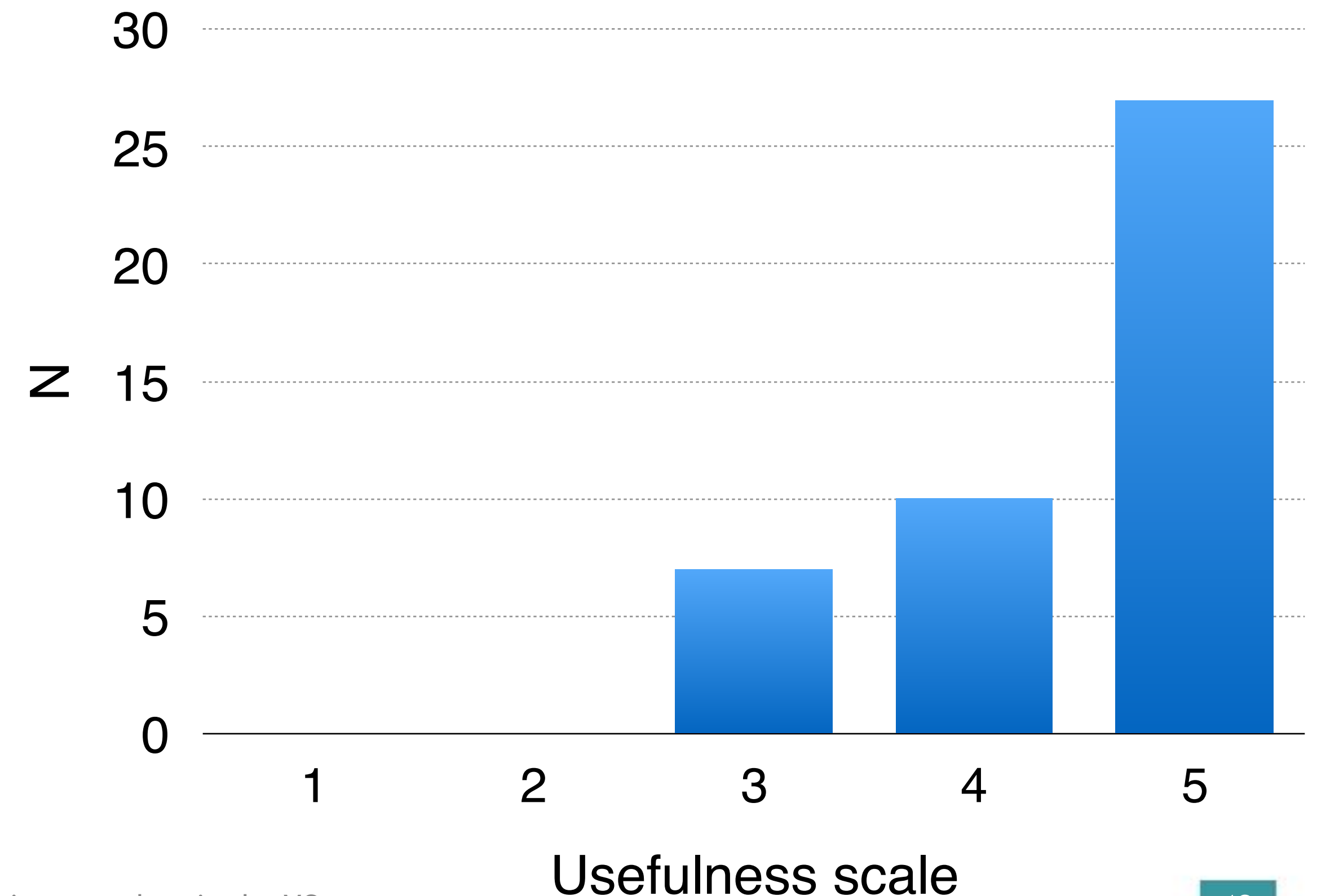
□ Data usage and interoperability

- Is interoperability with your data and the data of other projects a requirement of your project?

● Yes ● No ● Unsure

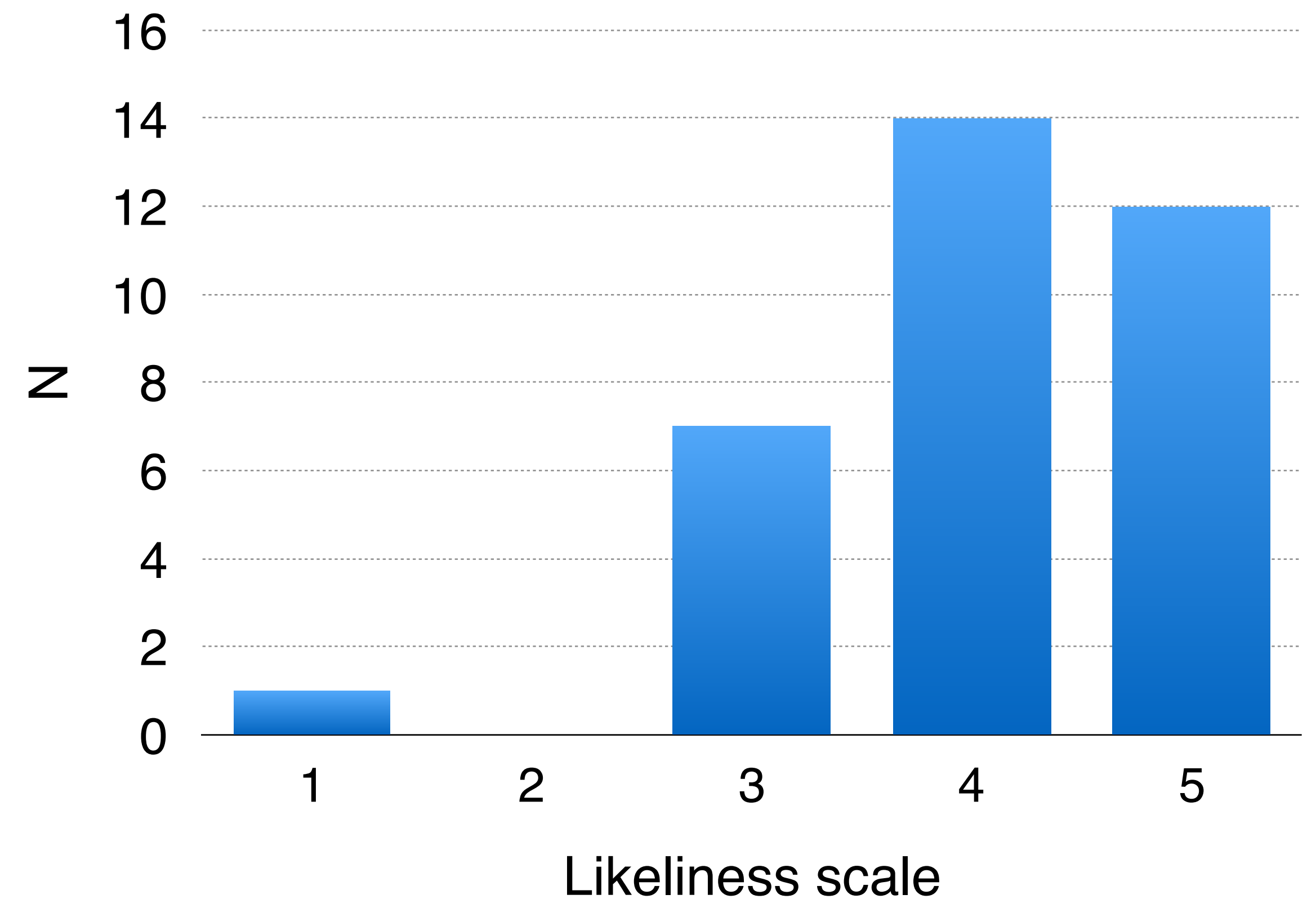
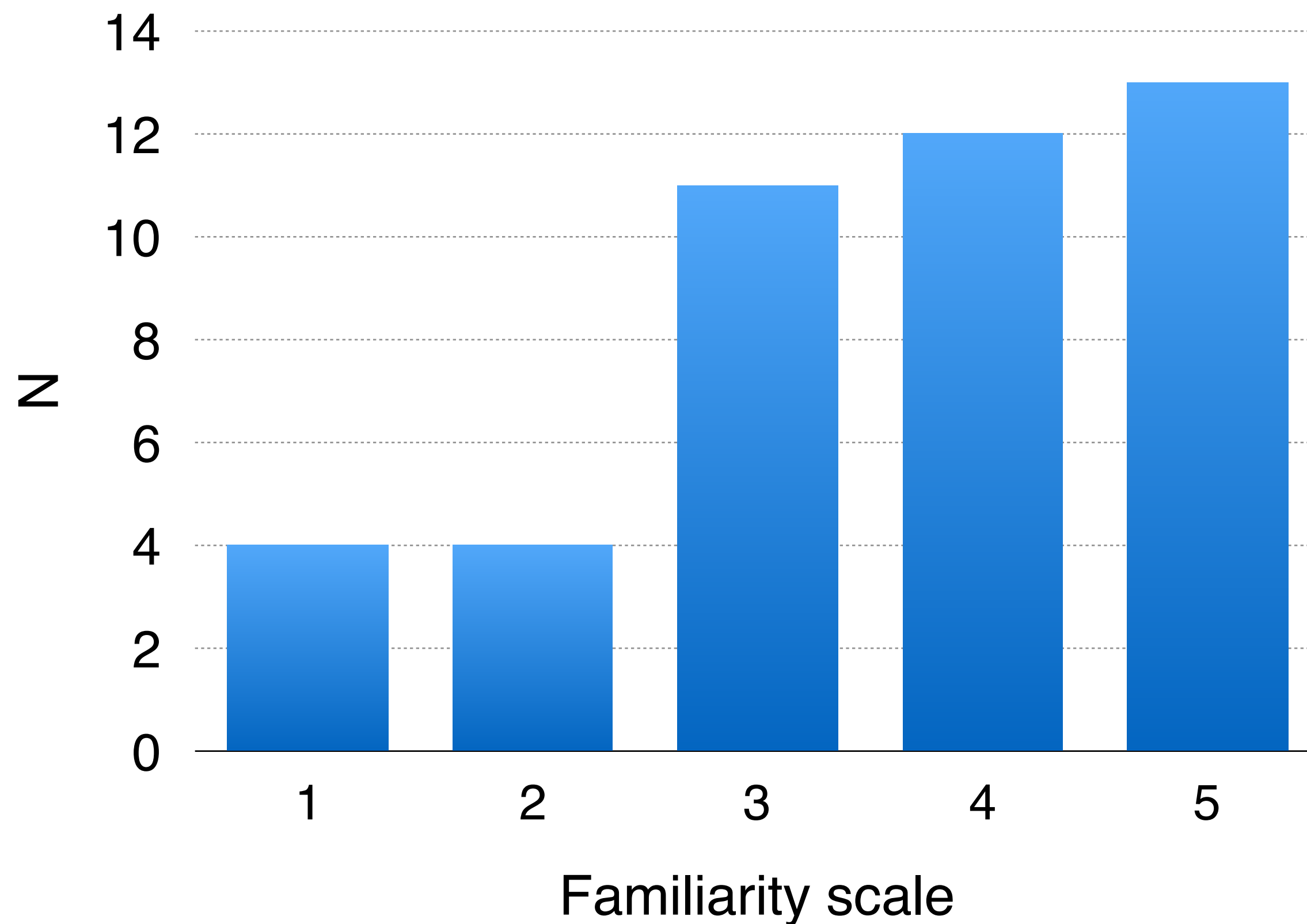


- How useful do you think it would be for researchers if you data were interoperable with other data sets?



□ Data usage and interoperability

- How familiar are you with the VO and the IVOA?
- How likely is it that your project will sue interoperability IVOA standards?



General comments

- Sometimes not sure how to share certain types of data
- Journal engagement is not visible enough
- Some protocols need upgrades to be used by the coming missions
- Extension of protocols towards data manipulation would be beneficial
- Funding for making archives VO-compliant is hard to get

Our panelist might have dealt with some of these issues!

□ The panel

Dongwei Fan	LAMOST and the China Virtual Observatory
Tamara Civera	Observatorio de Javalambre in Spain
Alberto Micol	European Southern Observatory
Yan Grange	Netherlands Virtual Observatory

A set of questions where given to the panelist

- What are your data products and the data distribution plans of your project?
- Which IVOA standards do you make use of and do you plan to use others in the future?
- Where and how did you start from and what were the difficulties you encountered?
- Are there any IVOA standard protocols missing or not sufficiently described for you to make use of them?
- Would you have done something different if you were to start the process again?