

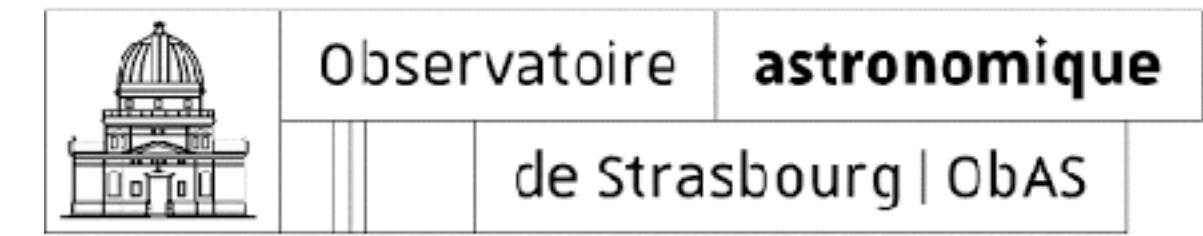
# Publish your data in the VO

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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.

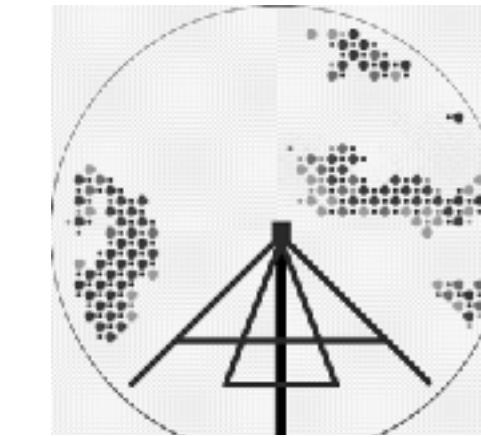
# The Survey

- 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

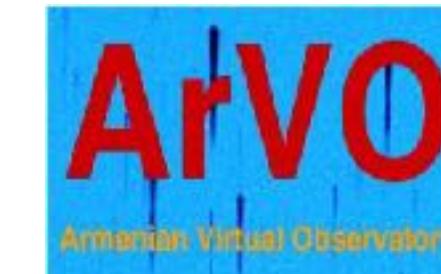
A total of 45 responses! Thank you all!



TMT INTERNATIONAL OBSERVATORY



Large Millimeter Telescope *Alfonso Serrano*



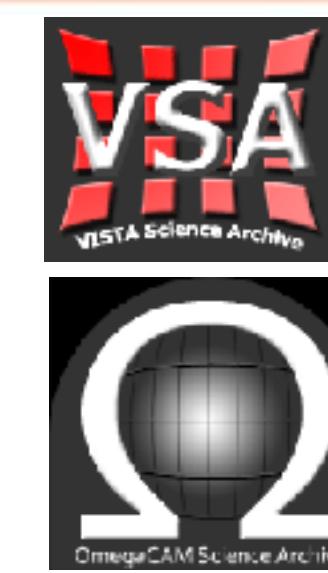
eZ WICKY TRANSIENT FACILITY



a Bag of Stellar Tracks and Isochrones

**H.E.S.S.**  
High Energy Stereoscopic System

**SETI**



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



Exo-MerCat MICADO VIOMASS CCHP ELM



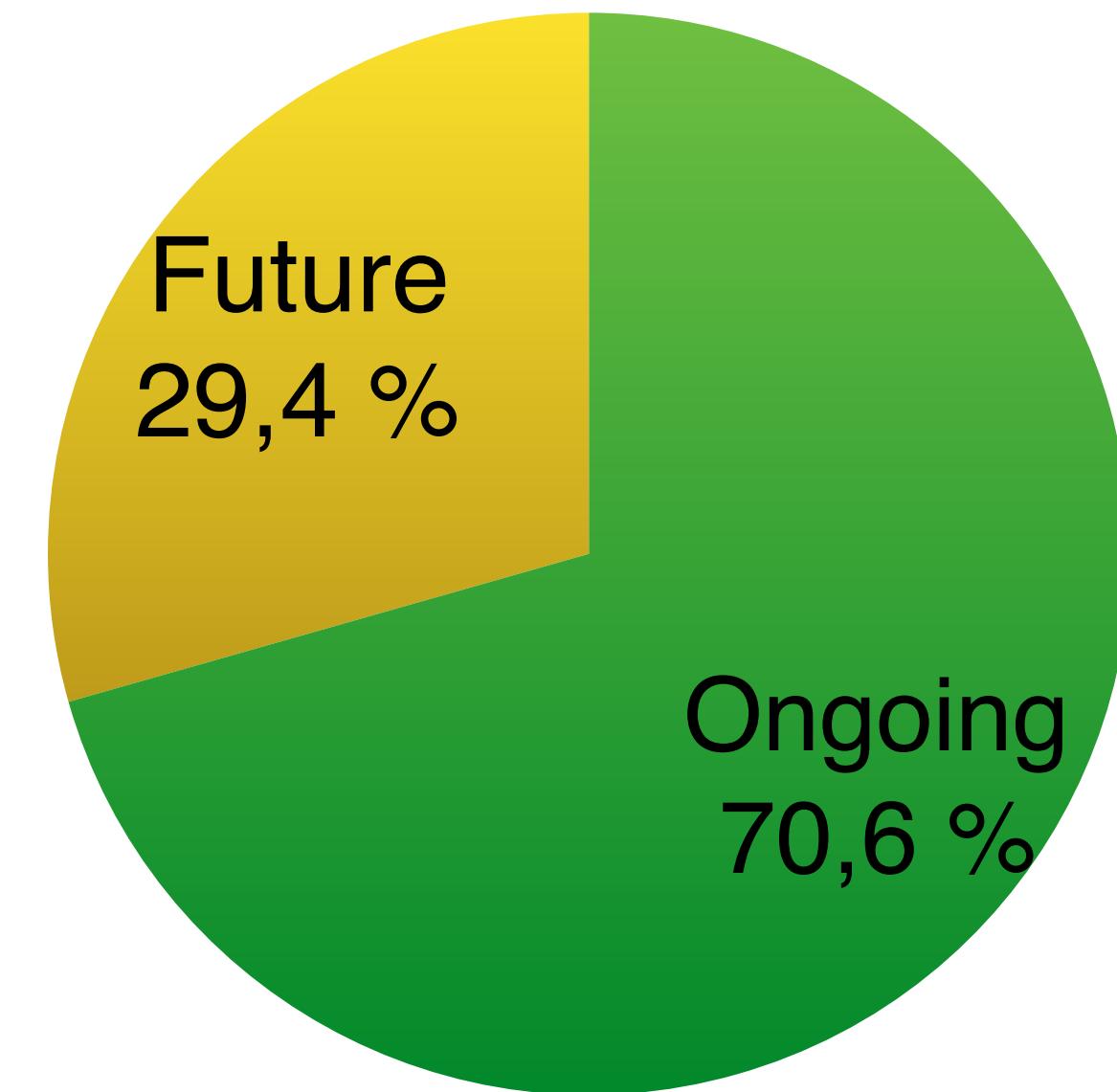
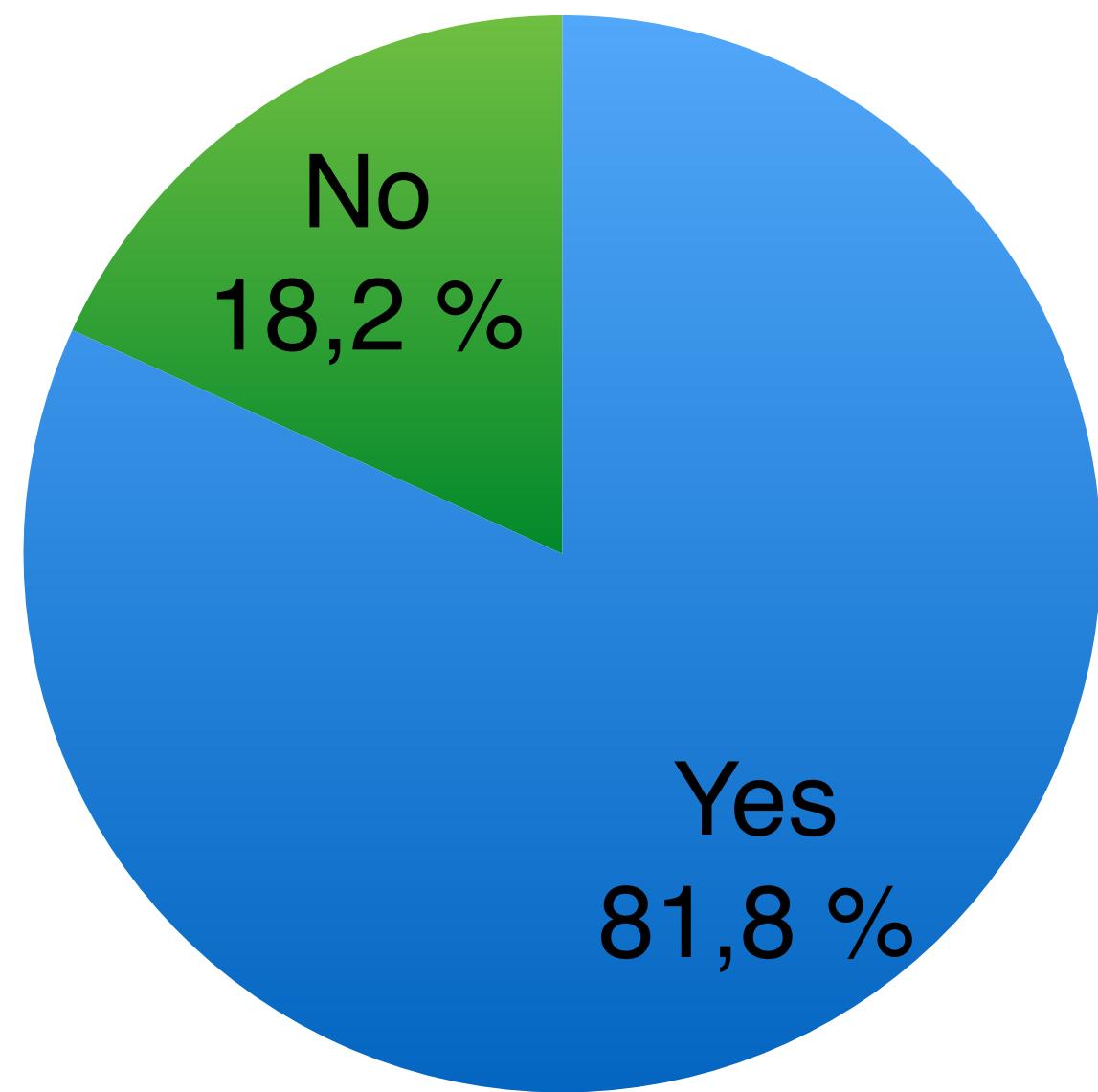
Observatorio de  
Yebes



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

## □ Project information

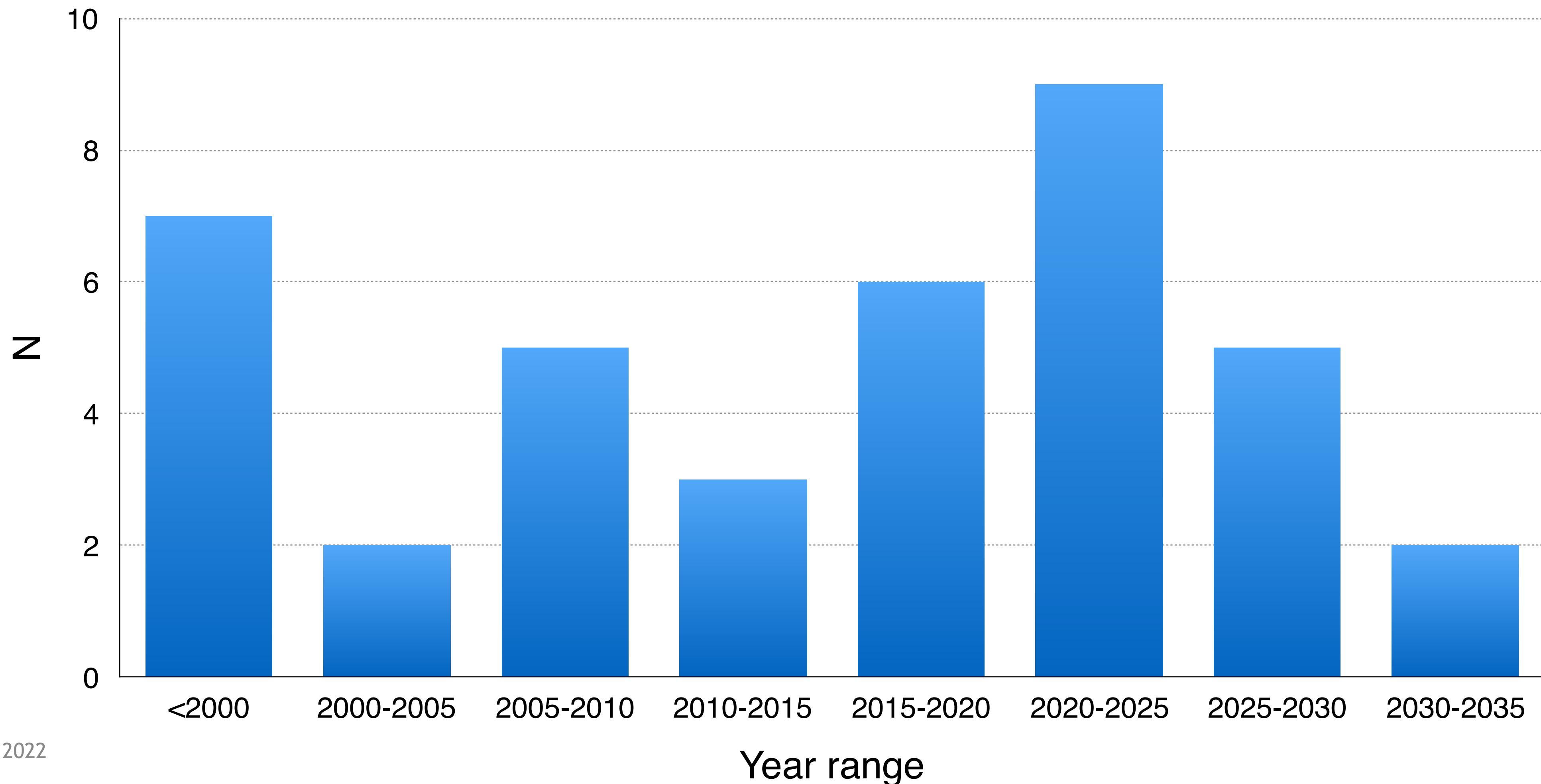
- Is there more than one institution involved in your project?
- In what phase is your project? (past, ongoing or future)





# Project information

- When was / is first light of your project?

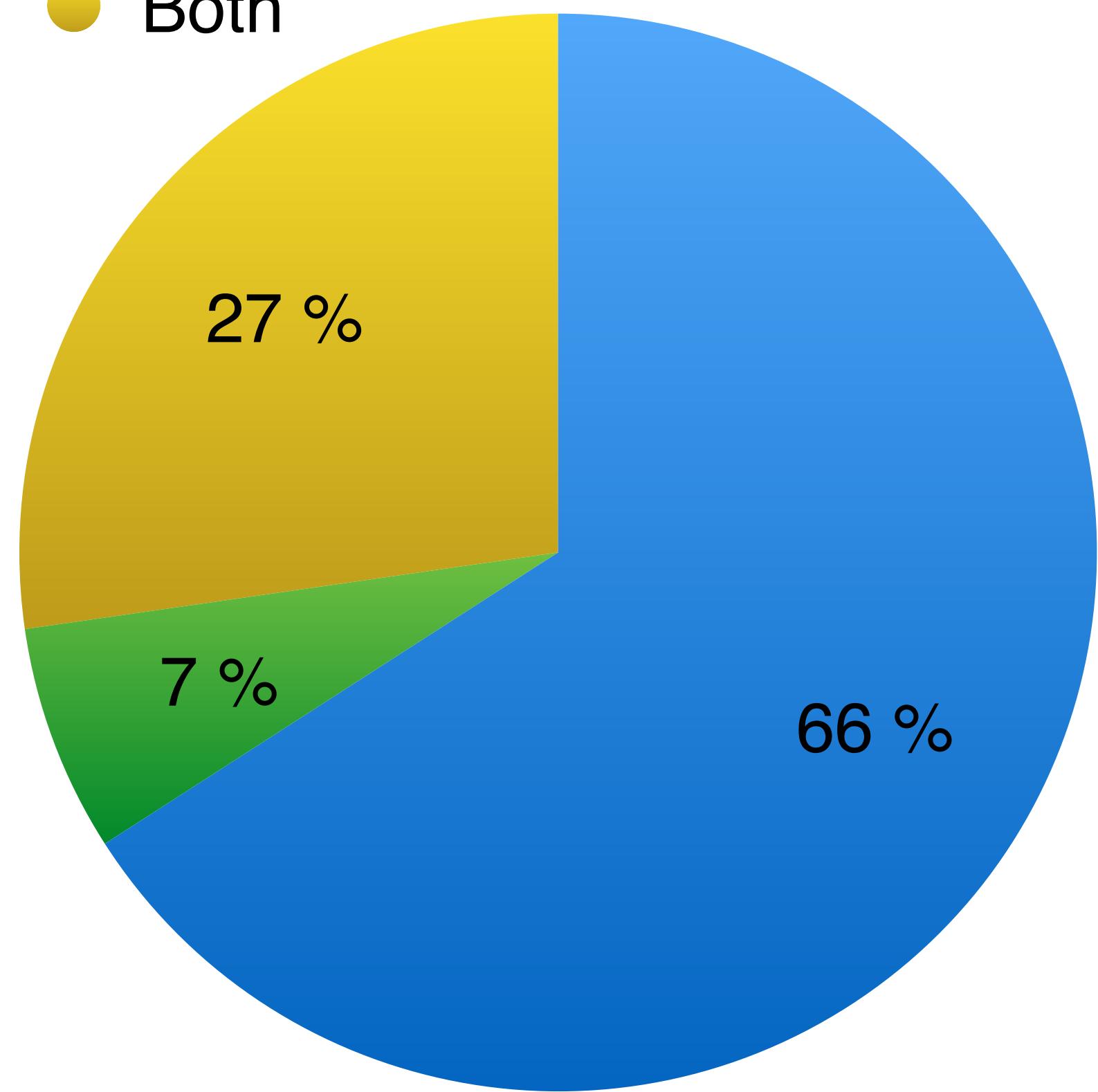




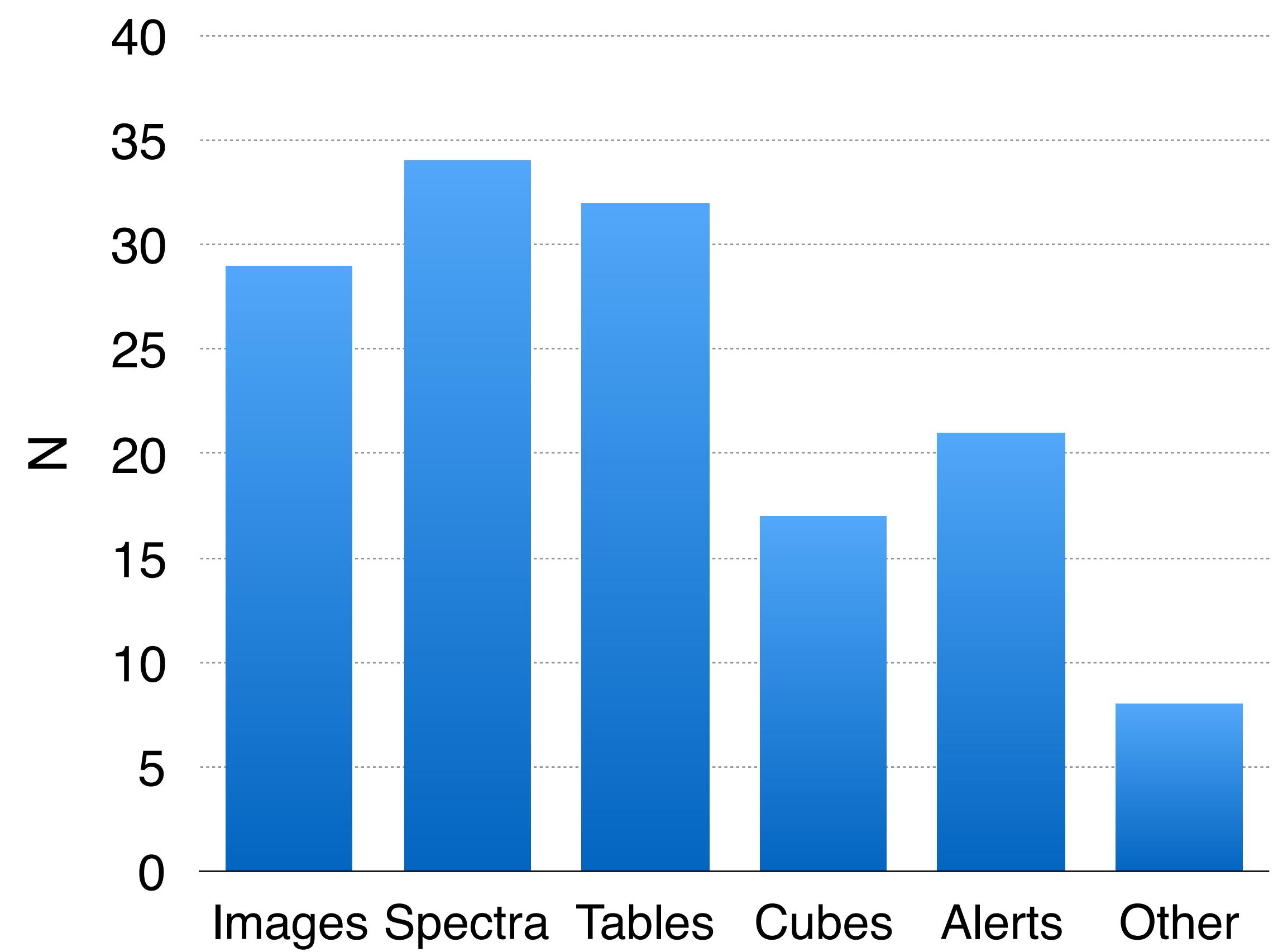
# Data products and archives

- What are the main products of your project?

- Observations
- Simulations
- Both

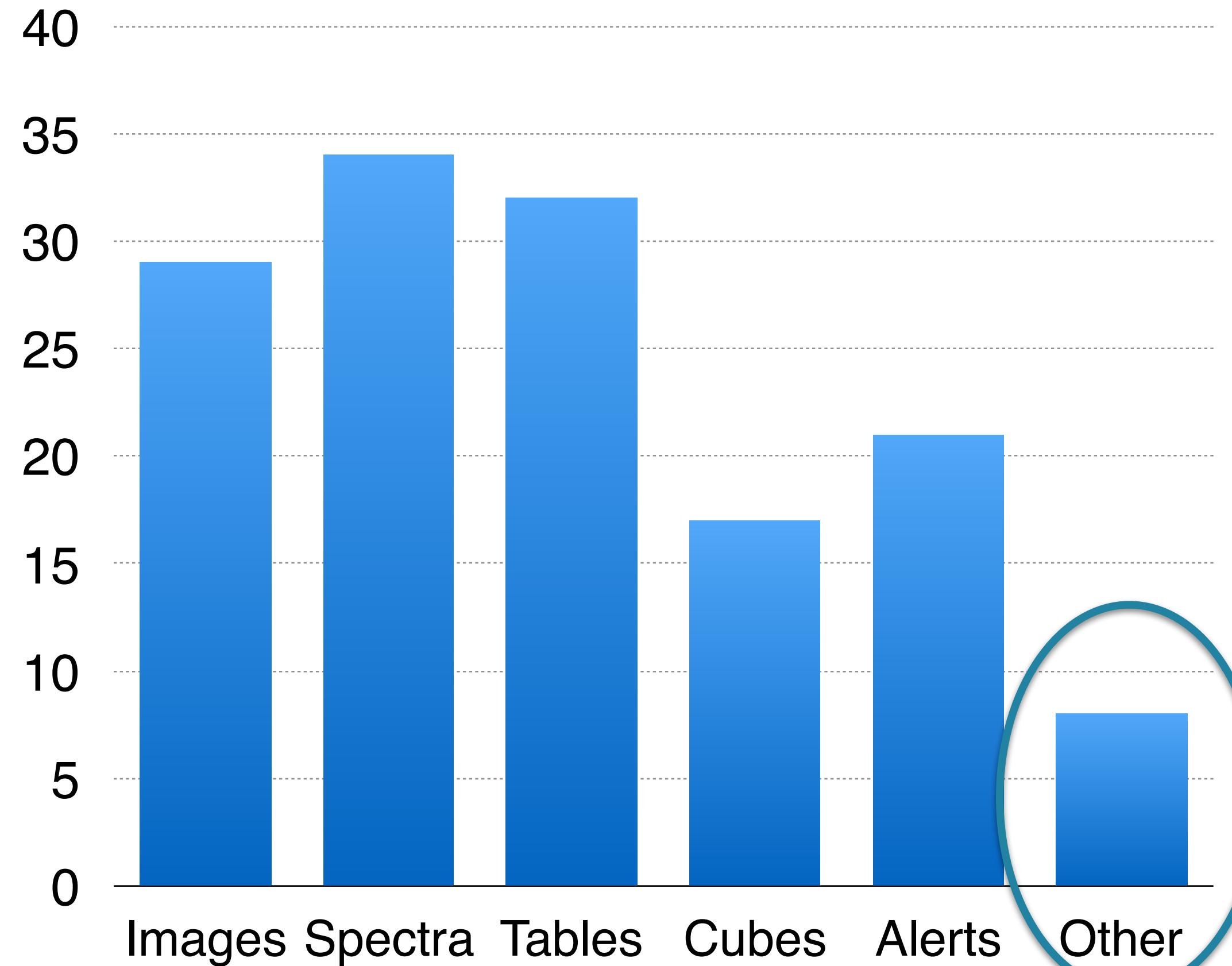


- What are the data product types of your project?



## □ Data products and archives

- What are the data product types of your project?



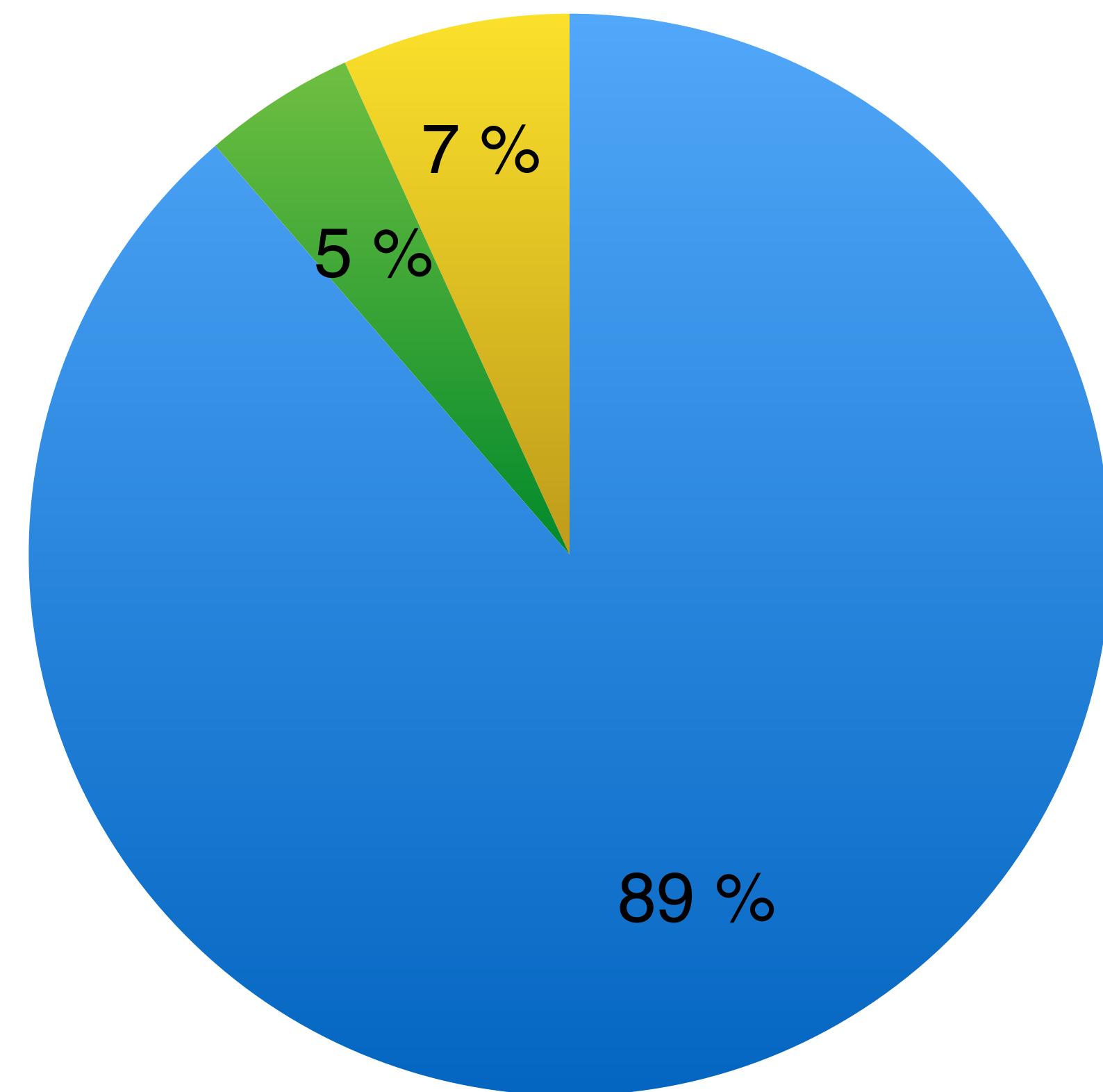
- Time series, polarimetry, parallax and proper motions
- Catalogs, compilations
- HiPS, MOCs, DOIs



# Data products and archives

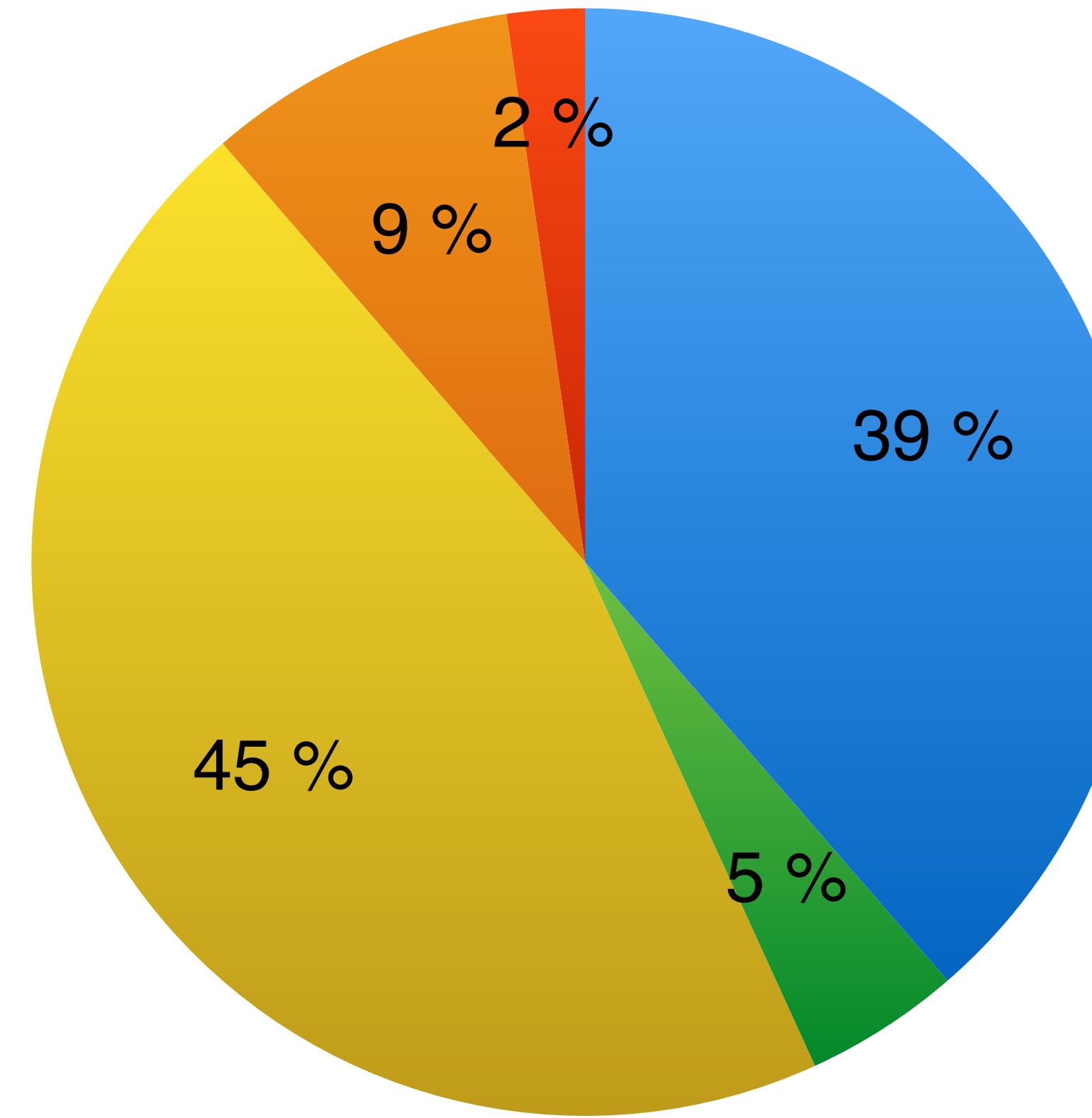
- Does your project have an archive?

● Yes   ● No   ● Unsure



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

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



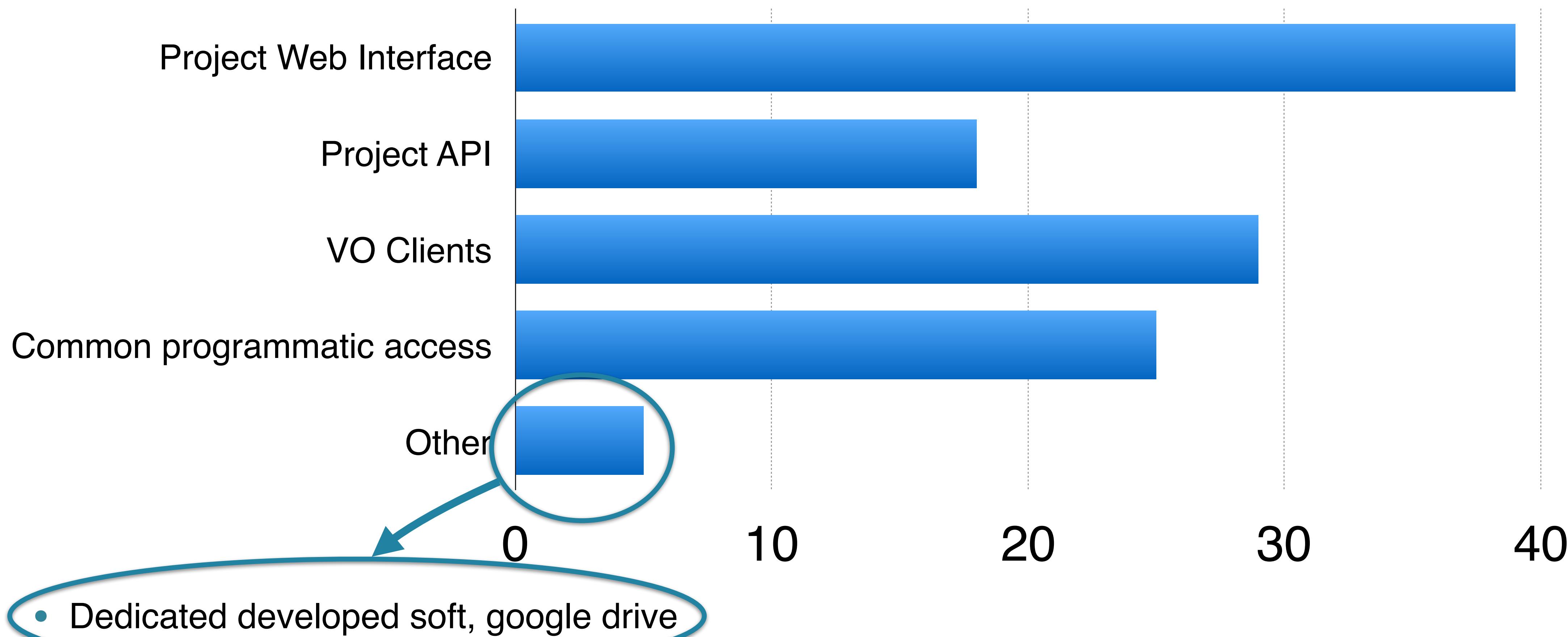
# Data products and archives

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



# □ Data usage and interoperability

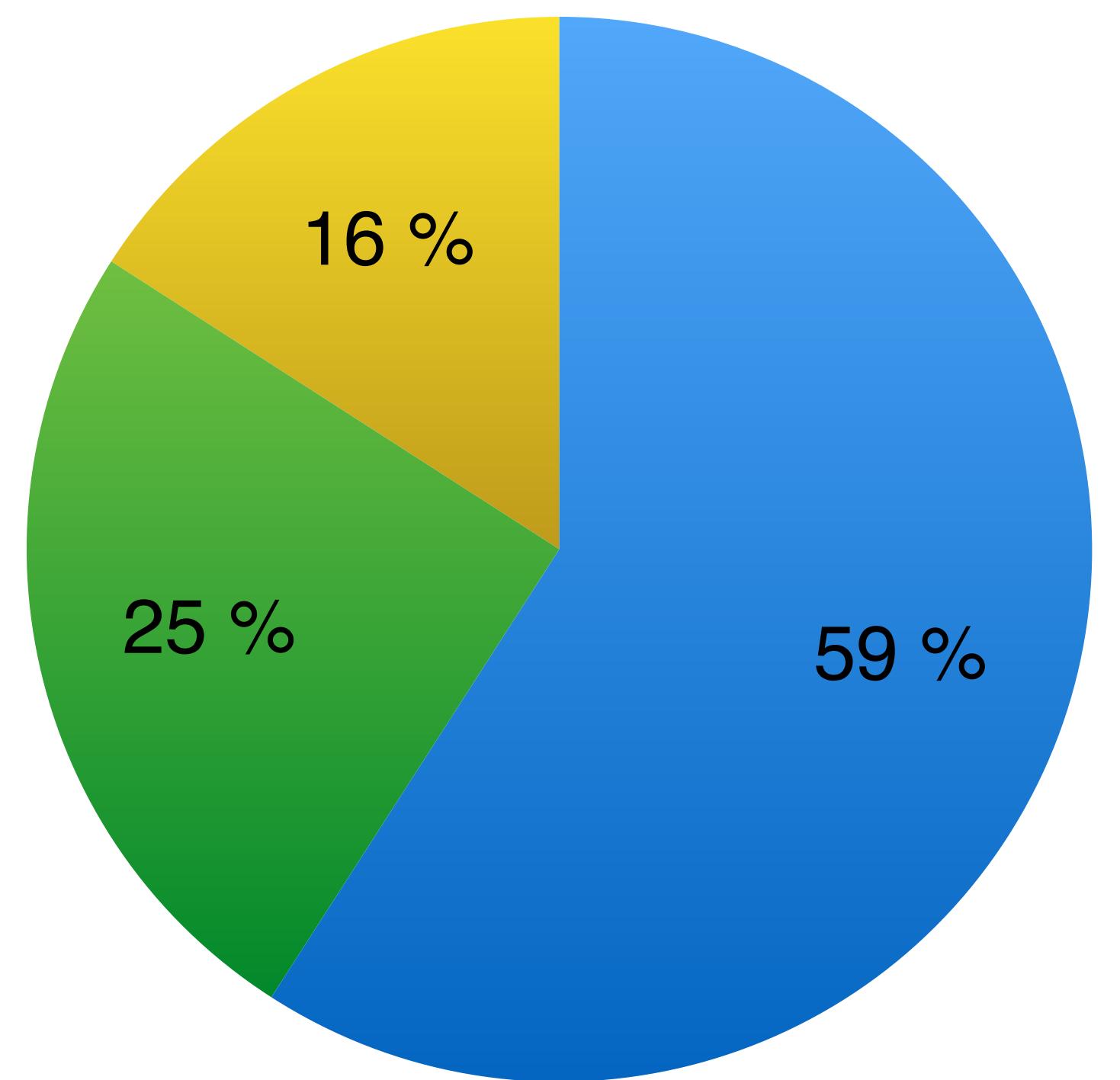
- How do you envisage scientific users accessing your data?



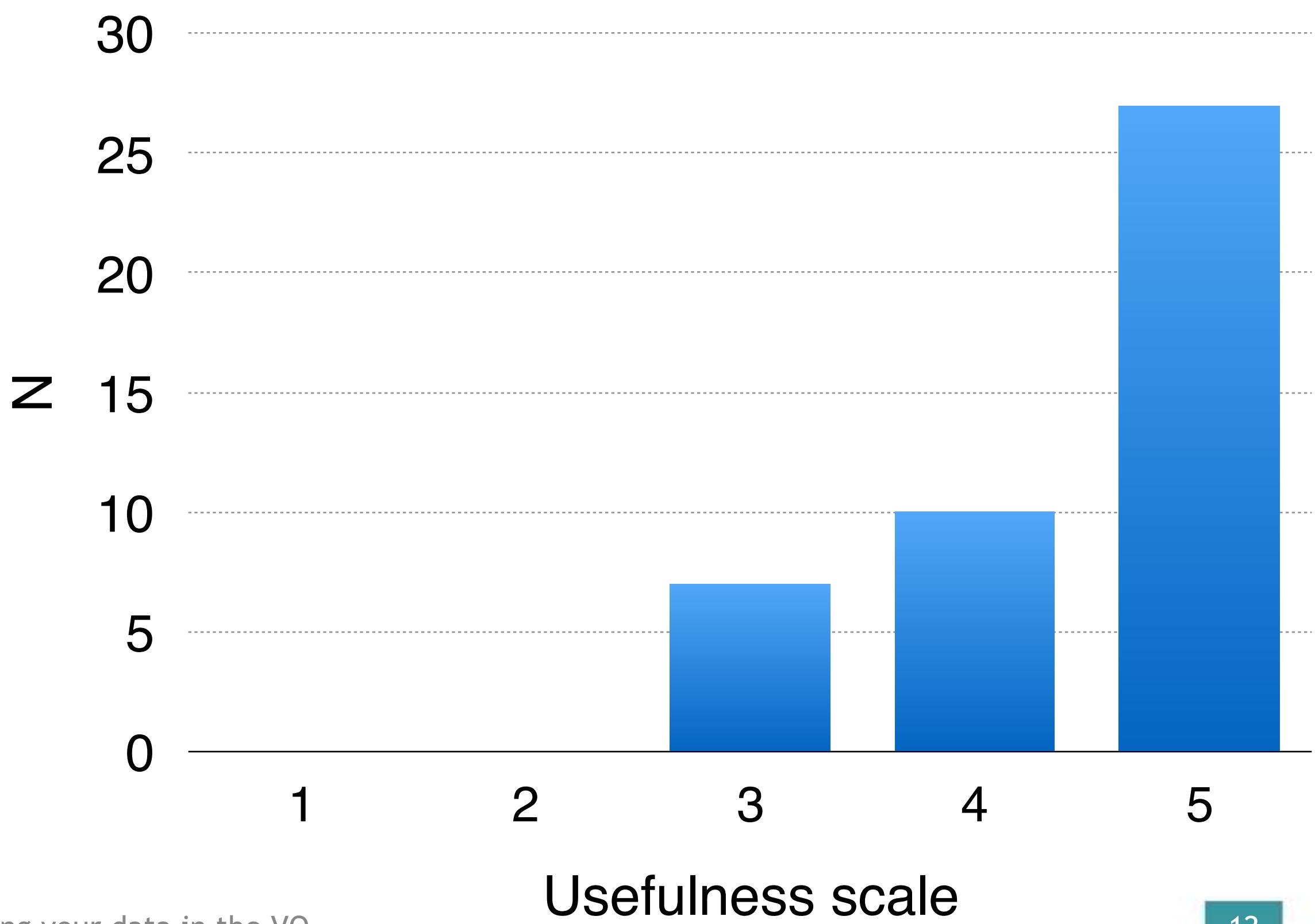
# □ Data usage and interoperability

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

● Yes   ● No   ● Unsure

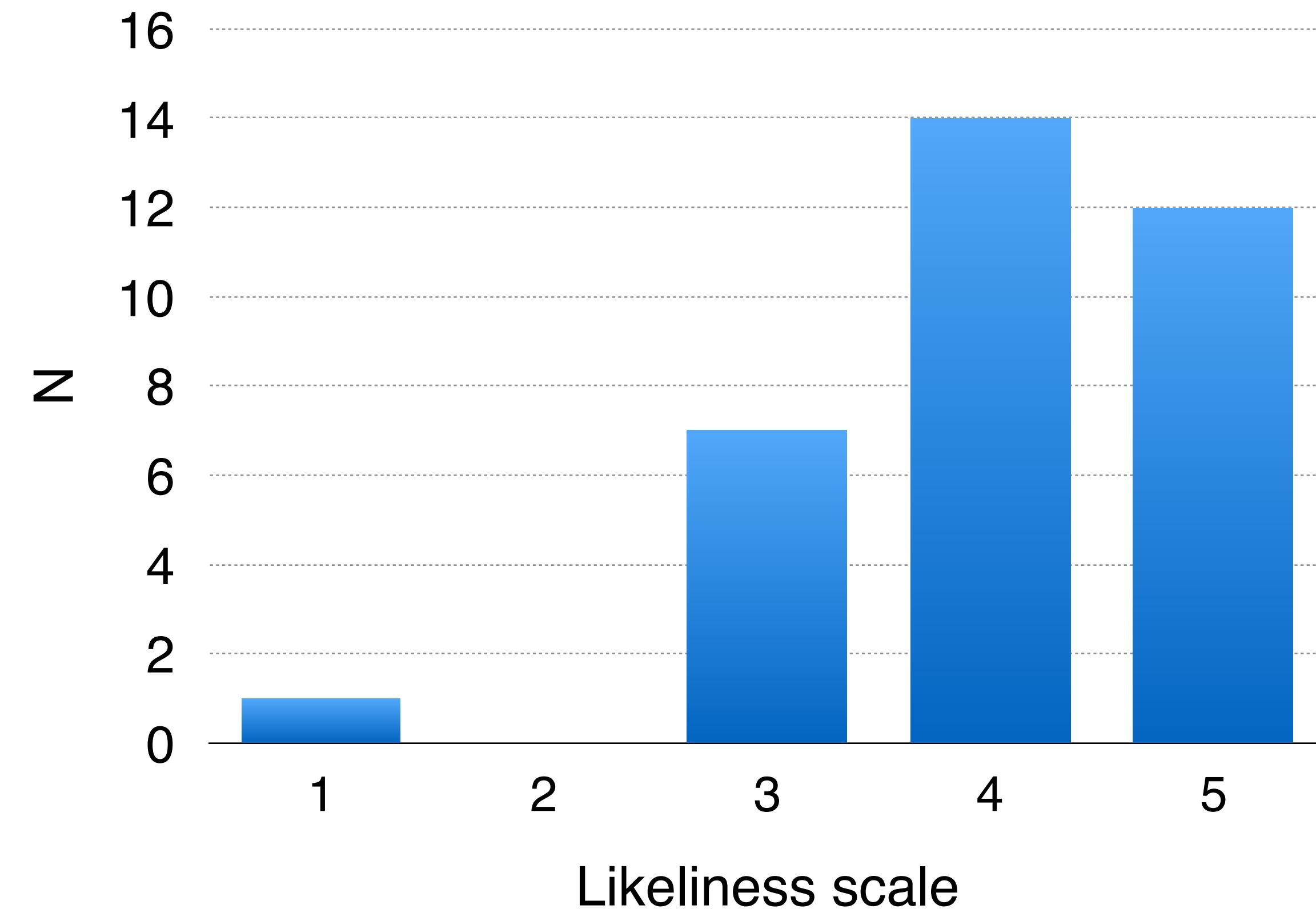
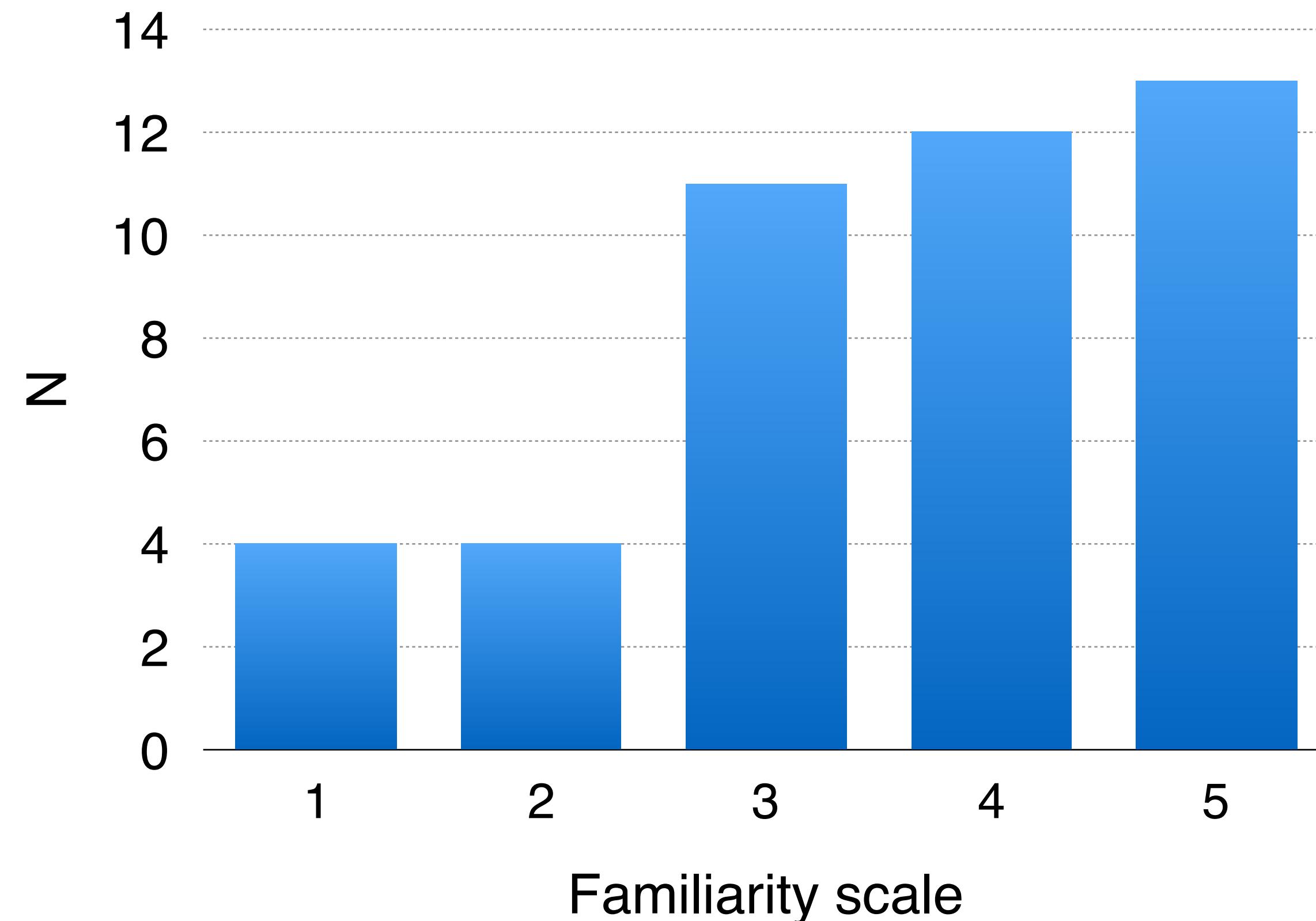


- How useful do you think it would be for researchers if your data were interoperable with other data sets?



# 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 where 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?