

Day 2 - Moderated Discussion CIRM CNS Consortium Workshop

February 24th and 25th

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Session IV: Moderated Session discussion

Goal:

Understand **if** and **what** should CIRM build and **how** should it function

Outline:

1. **Framing** - What are the data and collaborative resource needs from CA researchers that will enable CIRM's scientific mission? - **15 min**
2. **Data Platform**
 - A. **Systems and Software** What are the characteristics of the software infrastructure needed to enable CIRM's scientific mission? - **35 min**
 - B. **Processes and Data Products:** What are the processes and data products necessary to fulfill CIRM's needs?- **30 min**
3. **Identifying scope of the DMC(s)** - Pros and Cons of Hypothetical Scenarios - **40 min**

1. **Framing:** What are the data and collaborative resource needs (CA researchers) ?

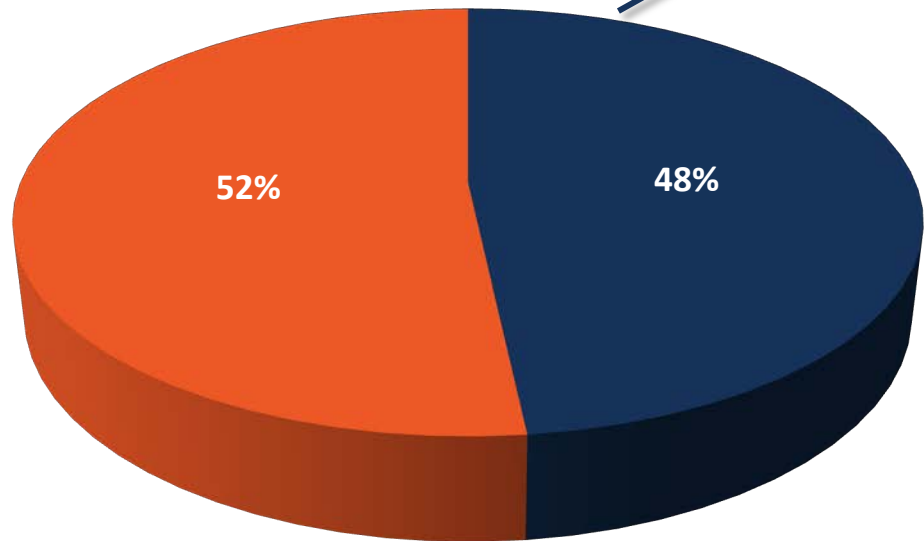
- **Method:**

- Survey sent to attendees and participants of CIRM CNS Consortium Workshop

- **Goal of survey:**

- Understand current needs and obstacles for collaborative data ecosystem
- Understand knowledge of existing tools

Are you familiar with a collaborative Knowledge Platform?



N=58

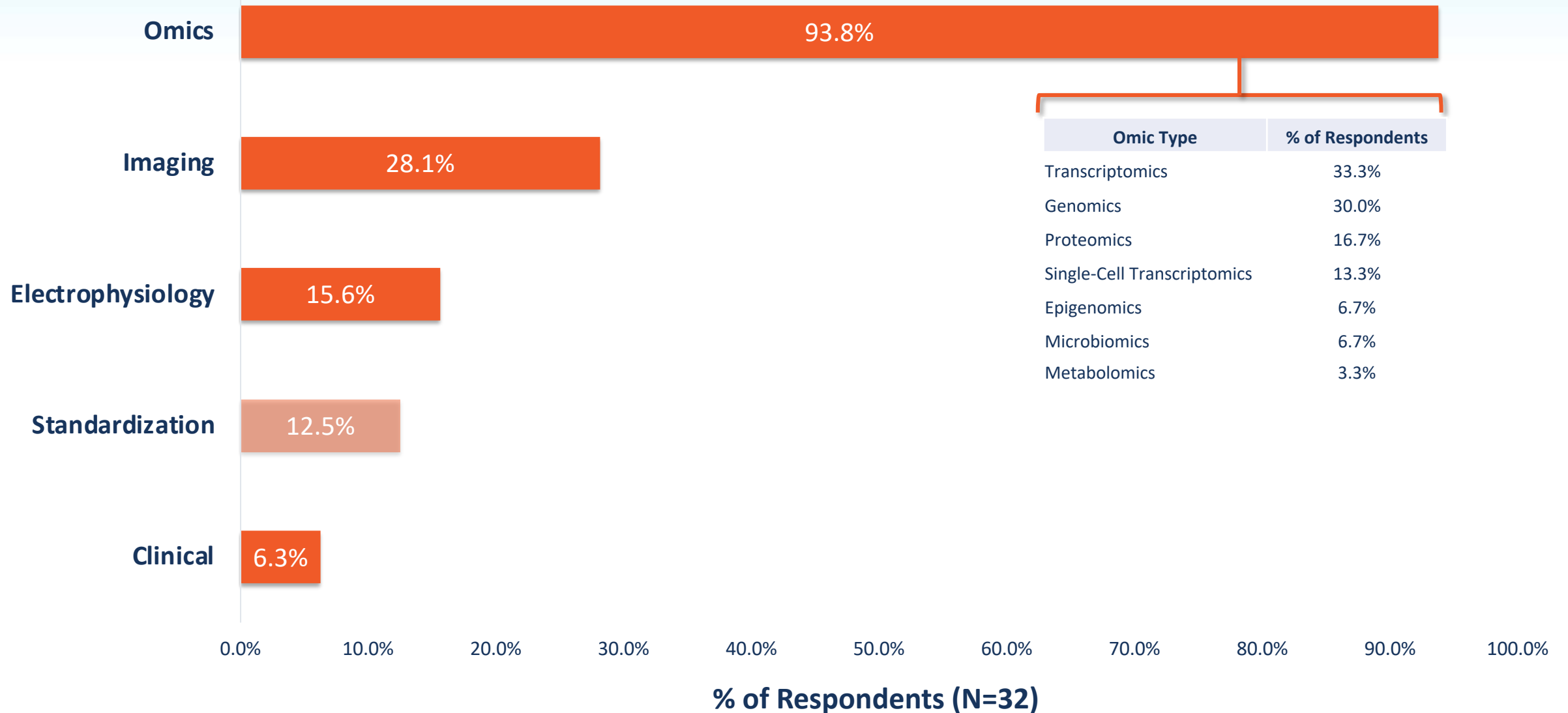
■ YES ■ NO

If so, which ones are you familiar with?

- Coleridge Administrative Data Research Facility (US Census)
- NeMo, NIH Data Archive, UCSC Cell Browser
- **AMP-PD**
- globus or VPN
- DropBox, and Google Drive, NCBI repositories IGV genome viewer
- Basecamp, Mendeley, GitHub, GEO, dbGaP, etc...
- GEO, NIMH
- genome browser, allen brain atlas,
- Drive, dropbox

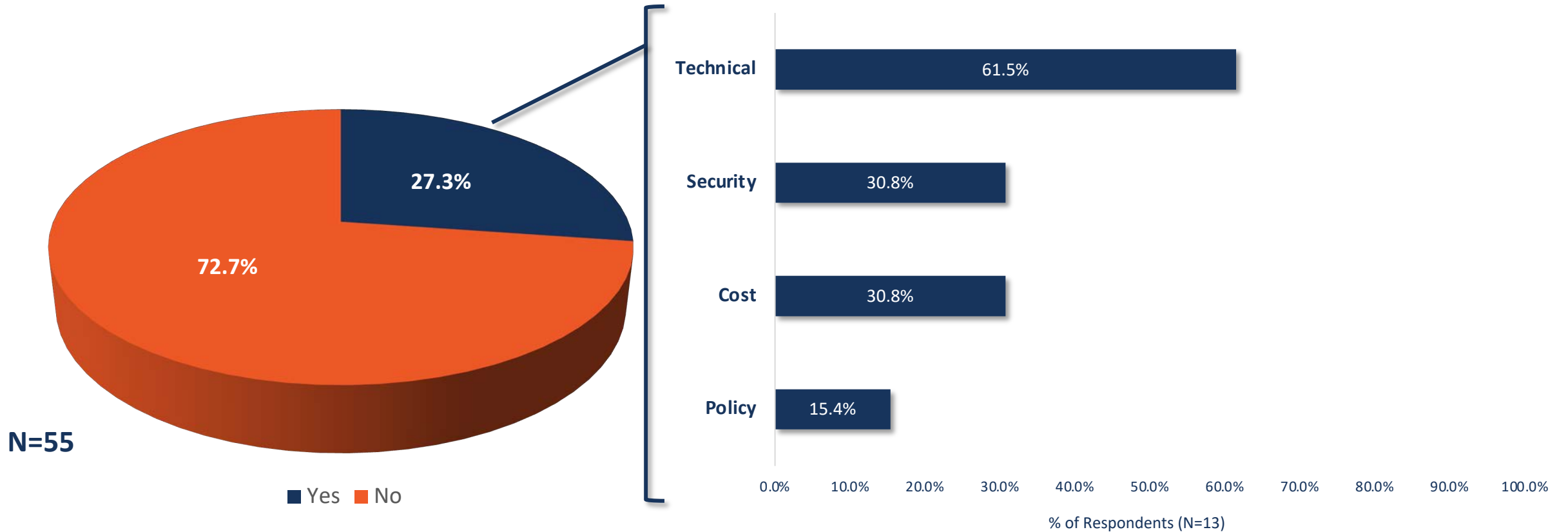
Knowledge Platform (KP) is a cloud-based infrastructure and software ecosystem that provides tools, applications and workflows to allow collaborative shared analysis in a computing environment with defined data access and security protocols.

In your view, which data types are most needed for sharing & collaboration across laboratories?

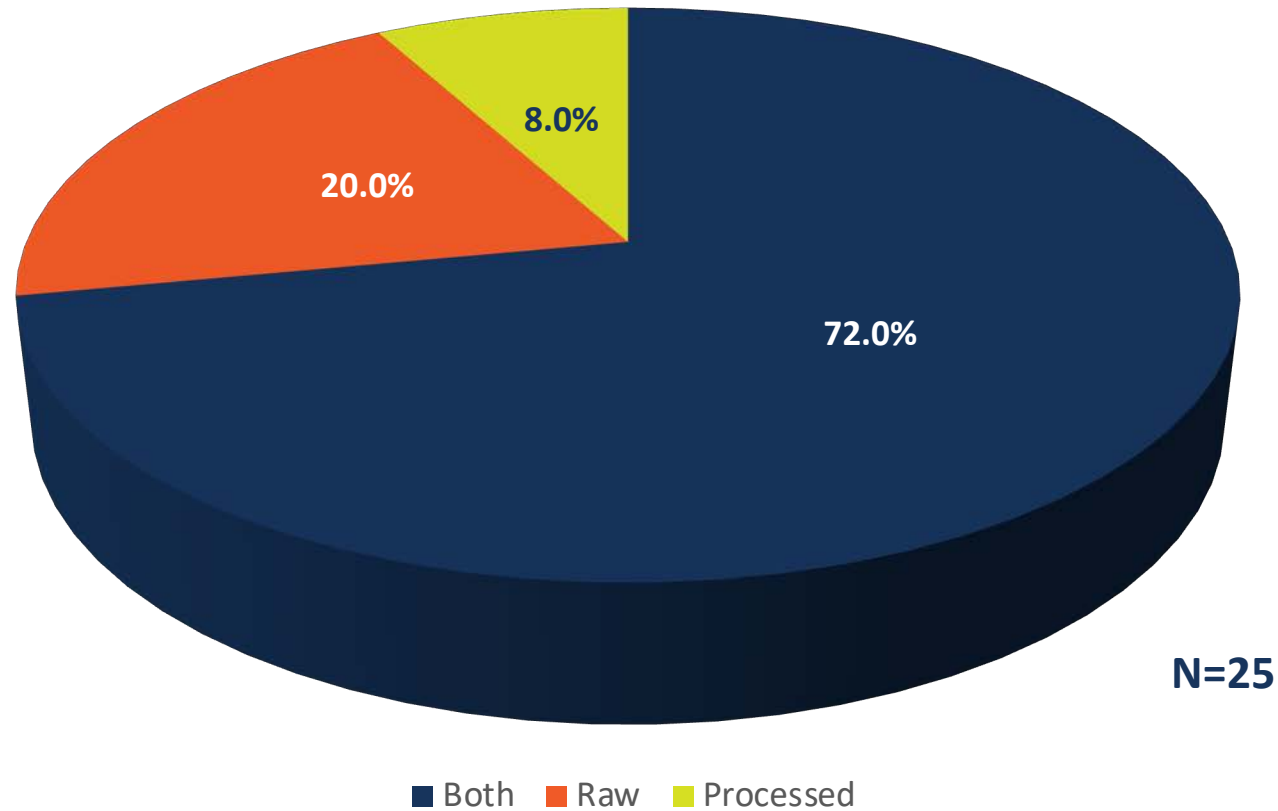


Is there anything precluding you from accessing and analyzing data in the cloud?

What are the obstacles that preclude you from accessing and analyzing data in the cloud?



If available in a collaborative data platform, would you be most interested in access to raw sequencing data or to processed data (or both)?



2. Data Platform

- A. Systems and Software:** What are the characteristics of the software infrastructure needed to enable CIRM's scientific mission? - 35 min

- B. Processes and Data Products:** What are the processes and data products necessary to fulfill CIRM's needs?- 30 min

3. Identifying scope of the DMC(s)

- Hypothetical Scenarios – 40 min