

AI4CRIS Working Group
22 oct 2024 first webinar

Artificial intelligence for CRIS Systems

“any [natural] intelligence that performs an activity that can be improved by being performed by another [artificial] intelligence, will eventually be replaced by the latter”.

Anna Guillaumet,

SIGMA GESTIÓN UNIVERSITARIA, A.I.E. (M.P.), Spain. euroCRIS board member

Email: Anna.guillaumet@eurocris.org

Simone Hartmann, TU Wien, Austria

Email: simone.hartmann@tuwien.ac.at

António Luís Lopes, Instituto Universitário de Lisboa-ISCTE, Portugal

Email: antonio.luis@iscte-iul.pt



- Welcome
- Group goals
- Some questions
breakout rooms
- Conclusions
- Next steps

AI4CRIS Working Group – Objectives

- Explore AI applications that enhance data management and streamline workflows in CRIS
- Identify key use cases for AI integration in research information systems
- Address challenges institutions face when implementing AI technologies
- Foster discussion around best practices and ethical considerations

AI4CRIS Working Group – Collaborative Approach

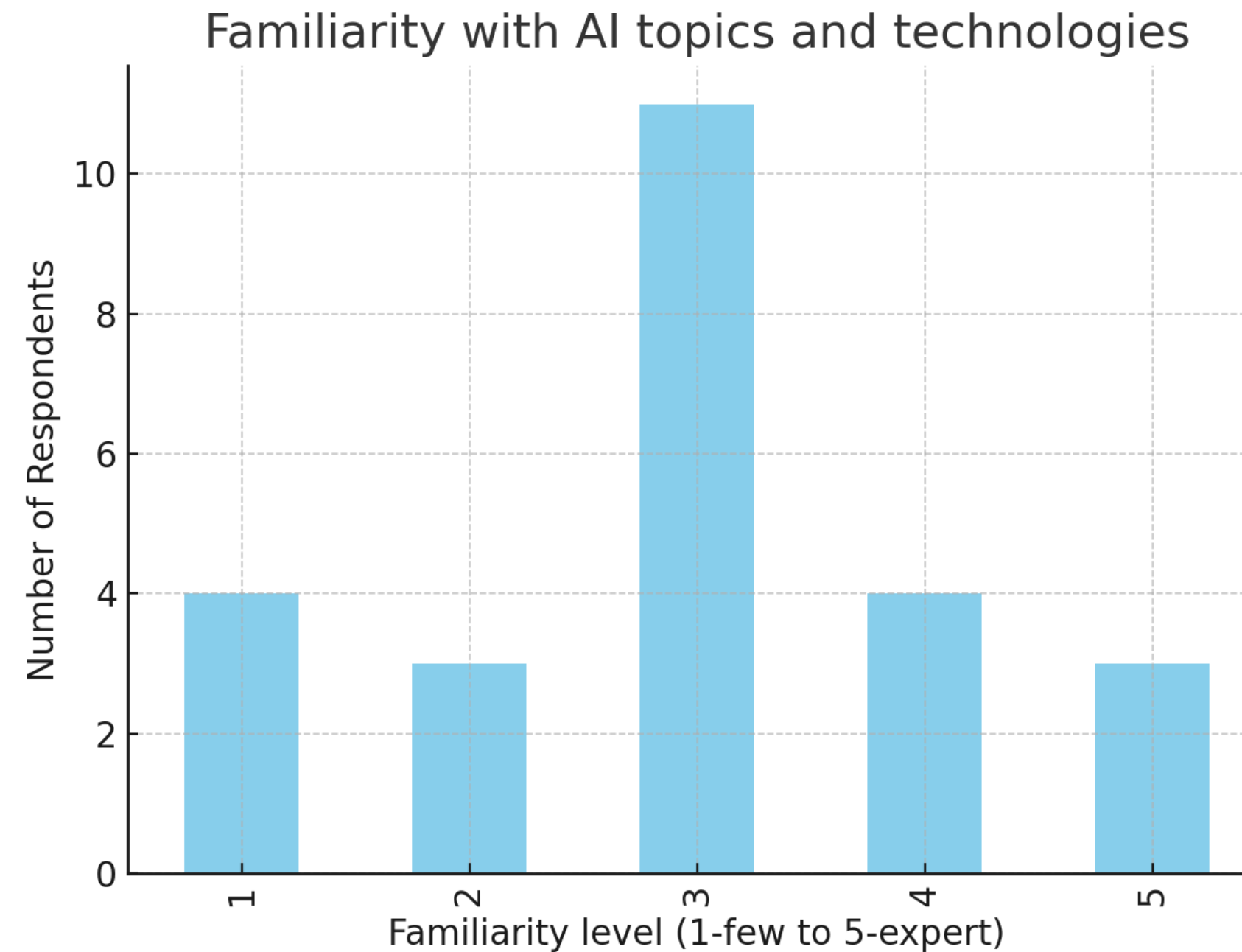
- Facilitate knowledge exchange through events, surveys, and online platforms
- Develop AI-driven solutions tailored to the euroCRIS community
- Ensure members stay at the forefront of AI advancements in research management

AI4CRIS Working Group – Focus Areas

- **Data Quality Enhancement:** Leveraging AI for improved data entry, validation, and integrity
- **Advanced Analytics:** Utilizing machine learning and natural language processing for deeper insights
- **Workflow Optimisation:** Automating routine tasks to increase efficiency
- **Ethical AI Implementation:** Addressing privacy concerns and ensuring responsible AI use

Results of Online Survey

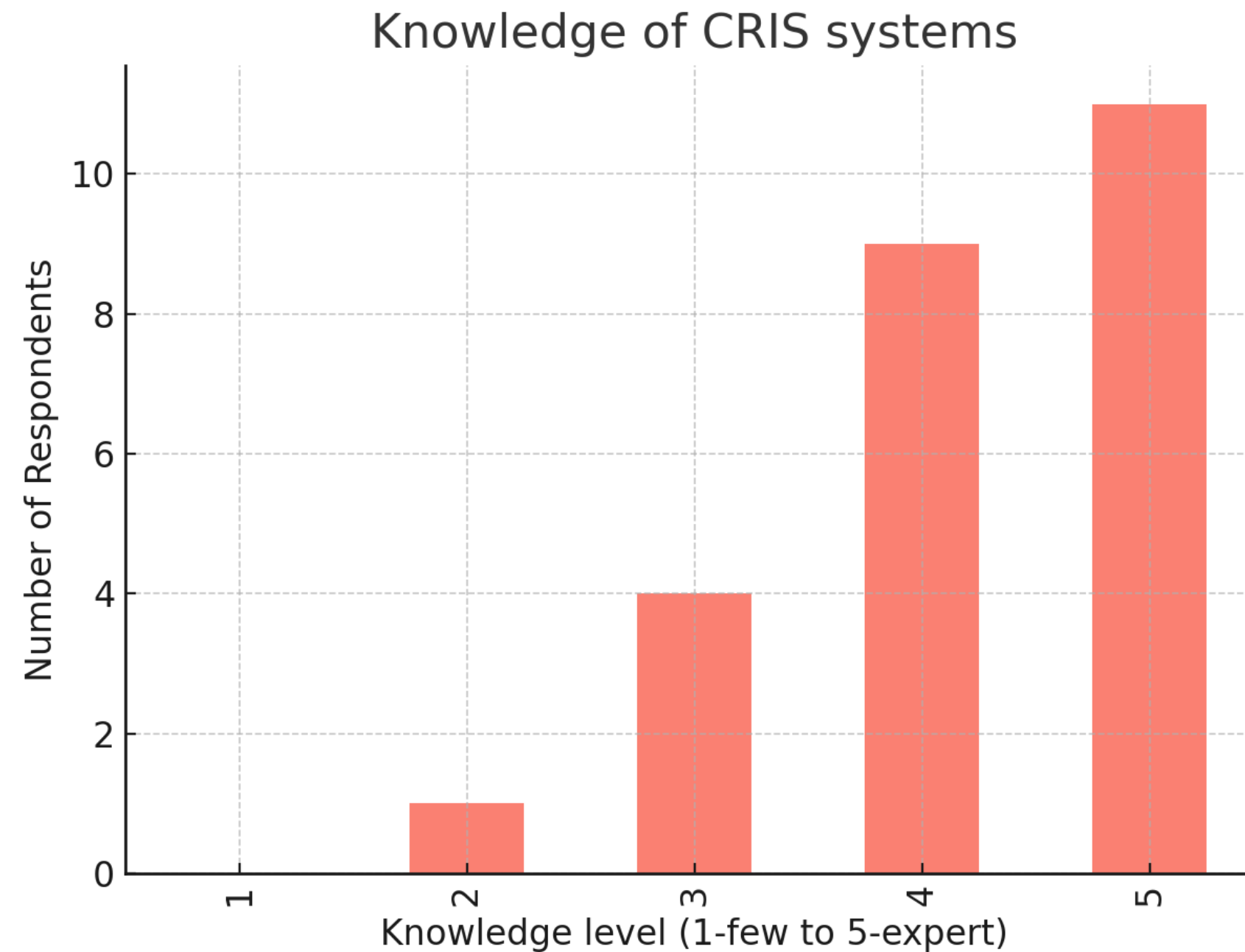
How would you rate your familiarity with AI topics and technologies?



Average Rating:
2.96

Results of Online Survey

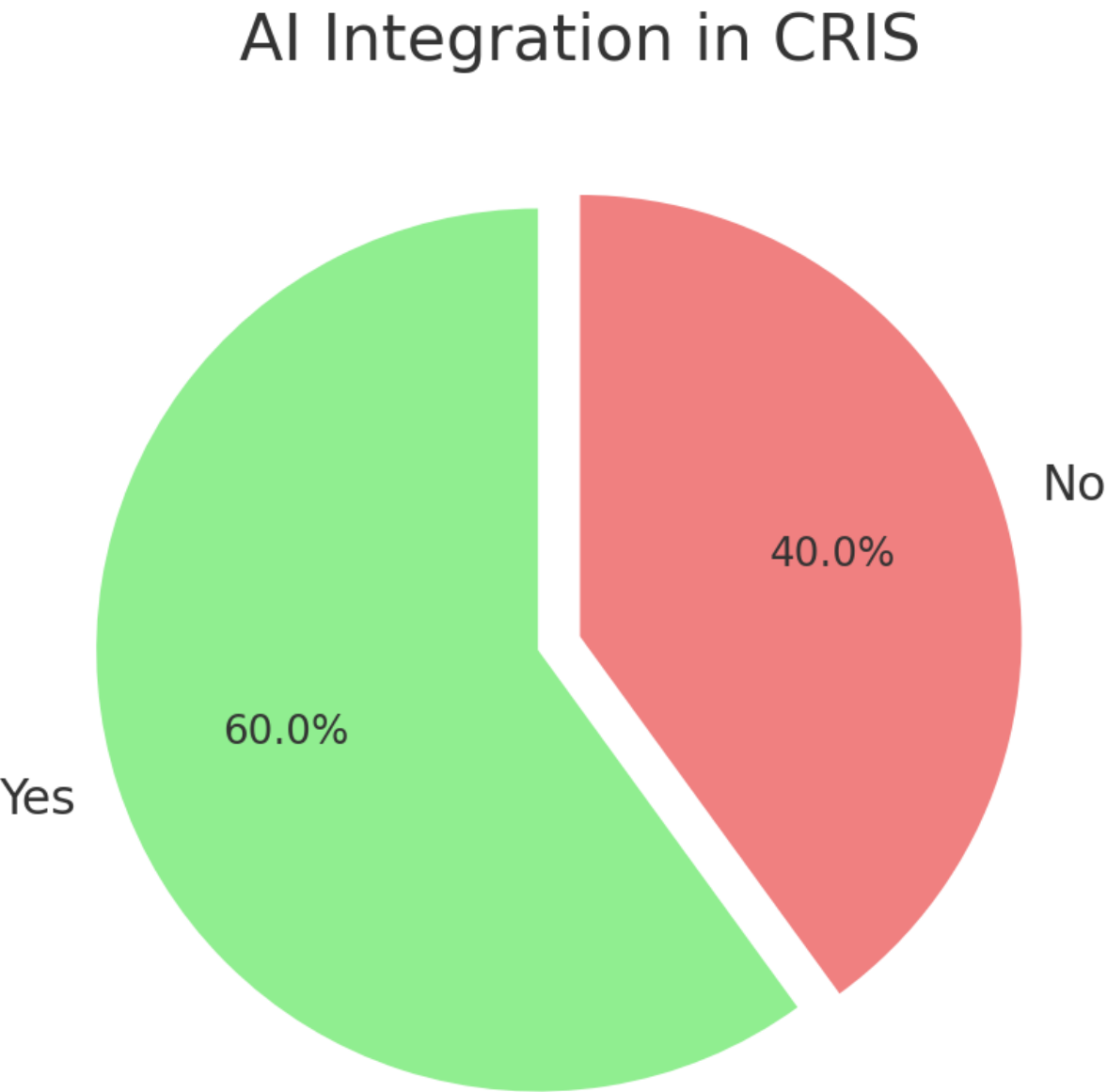
How would you rate your knowledge of CRIS systems?



Average Rating:
4.20

Results of Online Survey

Is your institution currently working on integrating or has already deployed AI into its CRIS?



Results of Online Survey

What specific AI-related use cases are currently being implemented in your organisation?

- **Data extraction and metadata generation** (funding documents, CVs, multimedia)
- **Utilization of AI tools and assistants** (Claude Tools, Croissant, Microsoft Copilot)
- **Workflow optimization and automation for routine tasks**
- **AI for classification and topic modeling** (fingerprints/SDGs in Pure, clustering of research information, classification of papers)
- **Development of new AI tools** (prototyping classification and annotation tools)

Results of Online Survey

What are the objections, obstacles or limitations?

- **Technical challenges** (data quality and integration, infrastructure/architecture, finding the right AI models, temporary classifications, human input still necessary)
- **Organizational readiness** (need to fix basics first, exploratory phase/early stages of adoption, not currently prioritized)
- **Knowledge and awareness gaps** (lack of internal expertise, unawareness of risks)
- **Security and compliance concerns** (internal processes and security requirements, data privacy issues)
- **Dependence on external vendors**
- **User acceptance and control over personal data**

Breakout Session

- **Nominate a speaker**
- **Discuss these questions and take notes on Miro-Board:**
https://miro.com/welcomeonboard/ZFFNN0pWTnhMMzVYcmMyc2RzUGNxQTJVS1JTaUc5eEZ1bk0zS3ZZNXRUTlZ0UFh2ek9zNlBCZTlUSkRSVklSRHwzMDc0NDU3MzU4MzM4MDY2MDU1fDI=?share_link_id=50501572191

1. What specific goals do you hope to achieve through your participation in this group?
2. How do you anticipate benefiting from being a part of this working group?
3. What key topics or issues are most important for you to address in this group?
4. How can you contribute to this group's efforts?

AI4CRIS Working Group – Conclusions

- Discussion and summary of results (one person in each group presents their results)
Moderator: António
- Next steps
 - Participants
 - Presentation Nov 26-28 et euroCRIS [Strategic Membership Meeting](#) at INRAE, Paris
 - Next group meeting in January 2025 (tbd)