

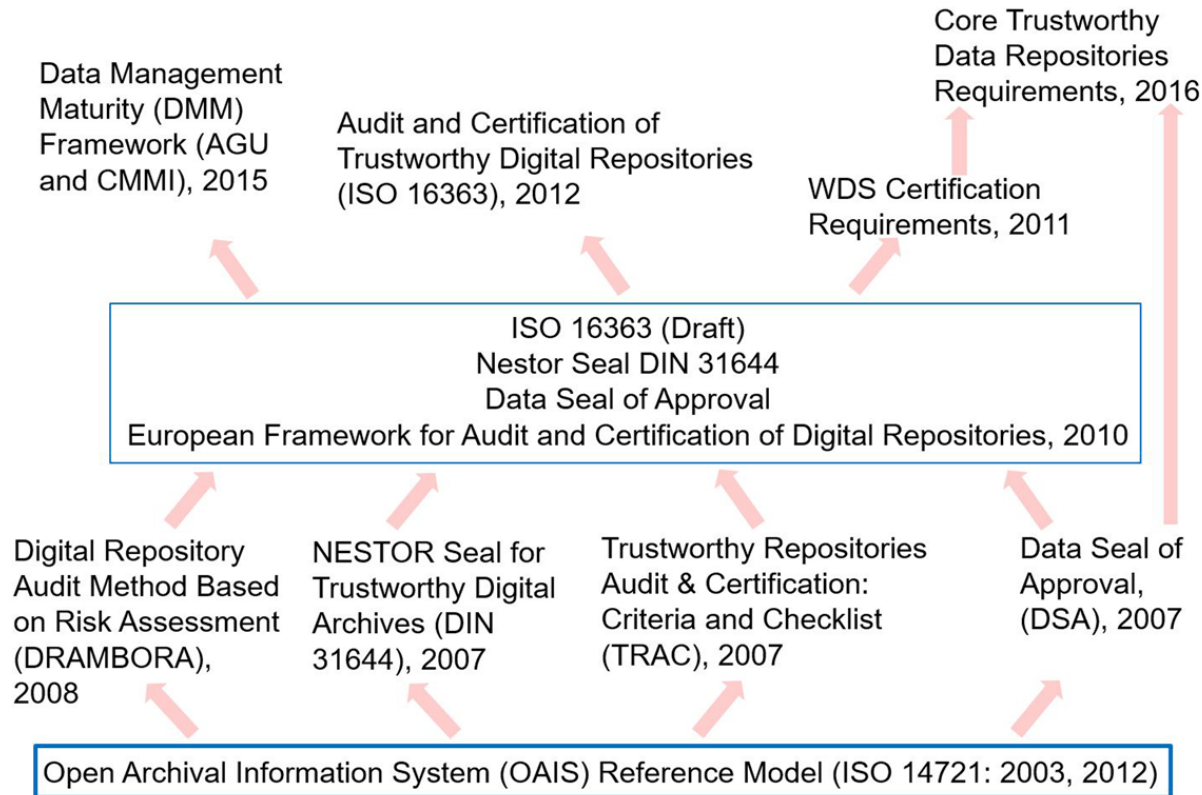
2022.8.3

Institutional repositories assessment: takeaways from JPCOAR and NTU Library

Large-scale Comparison on Institutional Repository Operation in Japan

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The current situation surrounding the service quality in data repositories



To improve repository services, it is essential ***to evaluate their service quality***

COAR community framework ver.1



COAR
Community
Framework for
Good Practices
in Repositories

Public Version 1. 8 October 2020



COAR community framework provides a global, multidimensional framework for good practices in repositories

This framework can be applied to different types of repositories and in different geographical and thematic contexts

Issues and approach

Issues

- The framework defines how the functionality should be
 - The realization method is not specified
 - Different options available for different countries and regions

Our approach

1. Create a checklist and explanations that can be practically determined in local context
2. Conduct a survey based on the checklist to clarify features and areas for improvement





COAR community framework checklist ver.1

事業計画・事業報告 / その他

Published in November 18, 2021

「リポジトリのグッドプラクティスのための COARコミュニティフレームワーク」チェックリ スト ver.1

<https://jpcoar.repo.nii.ac.jp/records/2000087>

| <input type="checkbox"/> | 名前 / ファイル | ライセンス | アクション |
|--------------------------|--|---|---|
| <input type="checkbox"/> |  ver1_COAR community framework checklist.xlsx (40 KB) |  | Download Information |
| <input type="checkbox"/> |  ver1_COAR community framework チェックリスト解説.pdf (819 KB) |  | Download Information |

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We extracted 90 items from the 9 characteristics

Basic Checklist Structure

Identifies characteristics matches

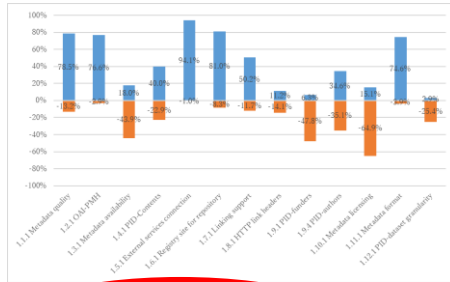
| No | Characteristics | Categories | Yes/No | Check Items | Description |
|----|---|------------|-----------------------|---|---|
| 1 | 1.1 The repository supports quality metadata and controlled vocabularies (discipline-based, regional or general metadata schema such as Dublin Core | Essential | <input type="radio"/> | <p>1.1.1 Does the repository have any features that support high-quality metadata creation?</p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p> | Select "Yes" if you are using some metadata schema or controlled vocabulary when creating metadata. |
| 2 | Rationale of each repository operation in local context | | | <p>1.1.2 If you answered "Yes" to 1.1.1, please let us know which schema or frame you conform to when creating metadata for your repository (Check all that apply).</p> <p><input type="checkbox"/> JPCOAR schema</p> <p><input type="checkbox"/> DataCite</p> <p><input type="checkbox"/> Dublin Core</p> <p><input type="checkbox"/> junii2</p> <p><input type="checkbox"/> Learning Object Metadata</p> <p><input type="checkbox"/> LIDO</p> <p><input type="checkbox"/> SPASE</p> <p><input type="checkbox"/> Other</p> | |

JPCOAR checklist survey

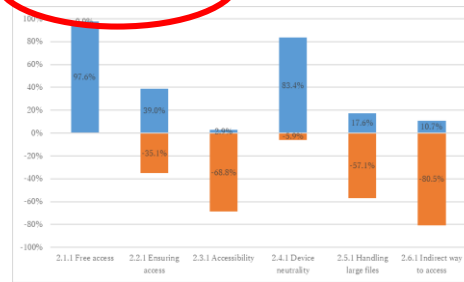
| Variable | Value |
|---------------------------|--|
| Purpose | To analyze the operational status of institutional repositories/data repositories in Japan |
| Period | 2022/1/5 – 2022/2/7 |
| Objective | 683 JPCOAR institutions |
| Answer method | Google form |
| Number of questions | 95 (90 items + 5 questions for respondents attribution) |
| Number of valid responses | 205 (30.0%) |

Results

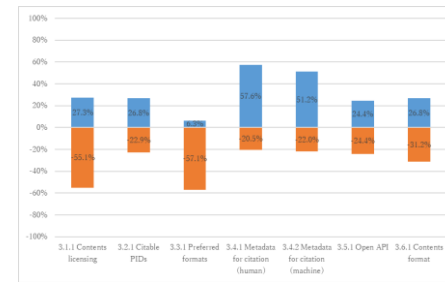
1. Discovery



2. Access



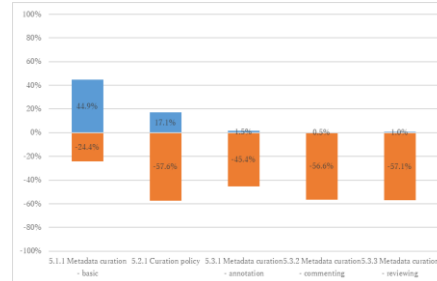
3. Reuse



4. Integrity and authenticity



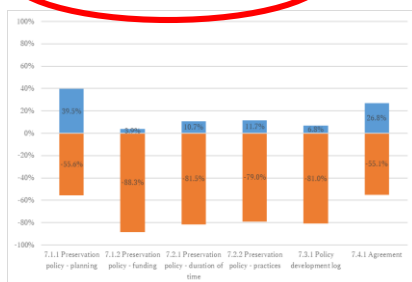
5. Quality Assurance



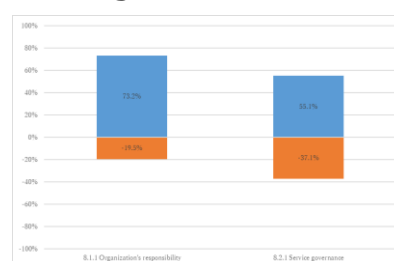
6. Privacy of sensitive data



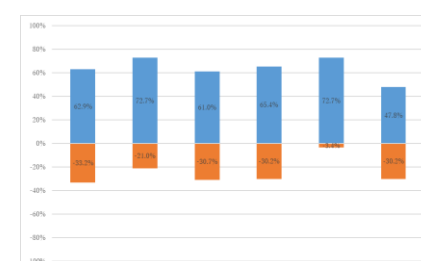
7. Preservation



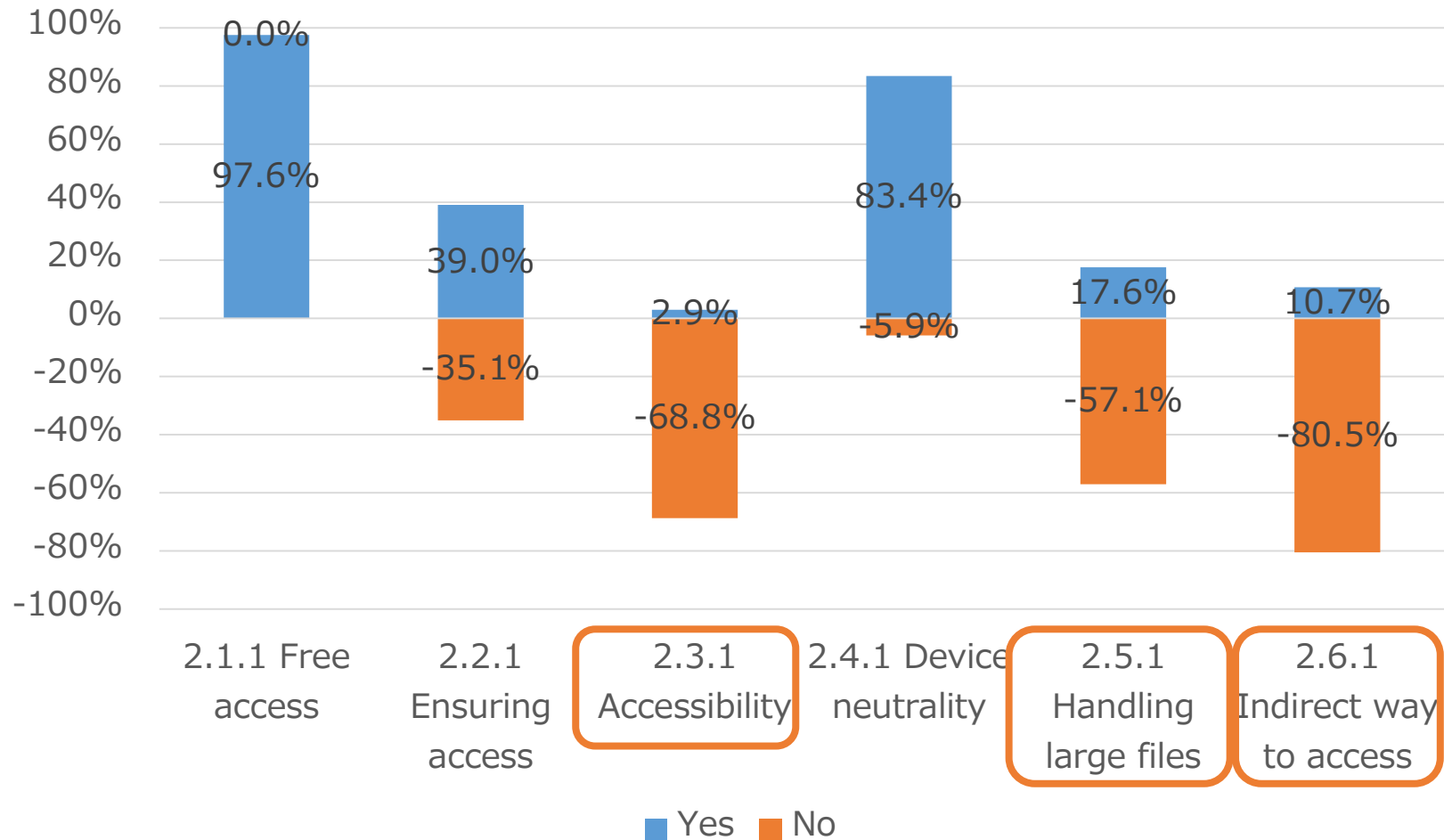
8. Sustainability and governance



9. Other

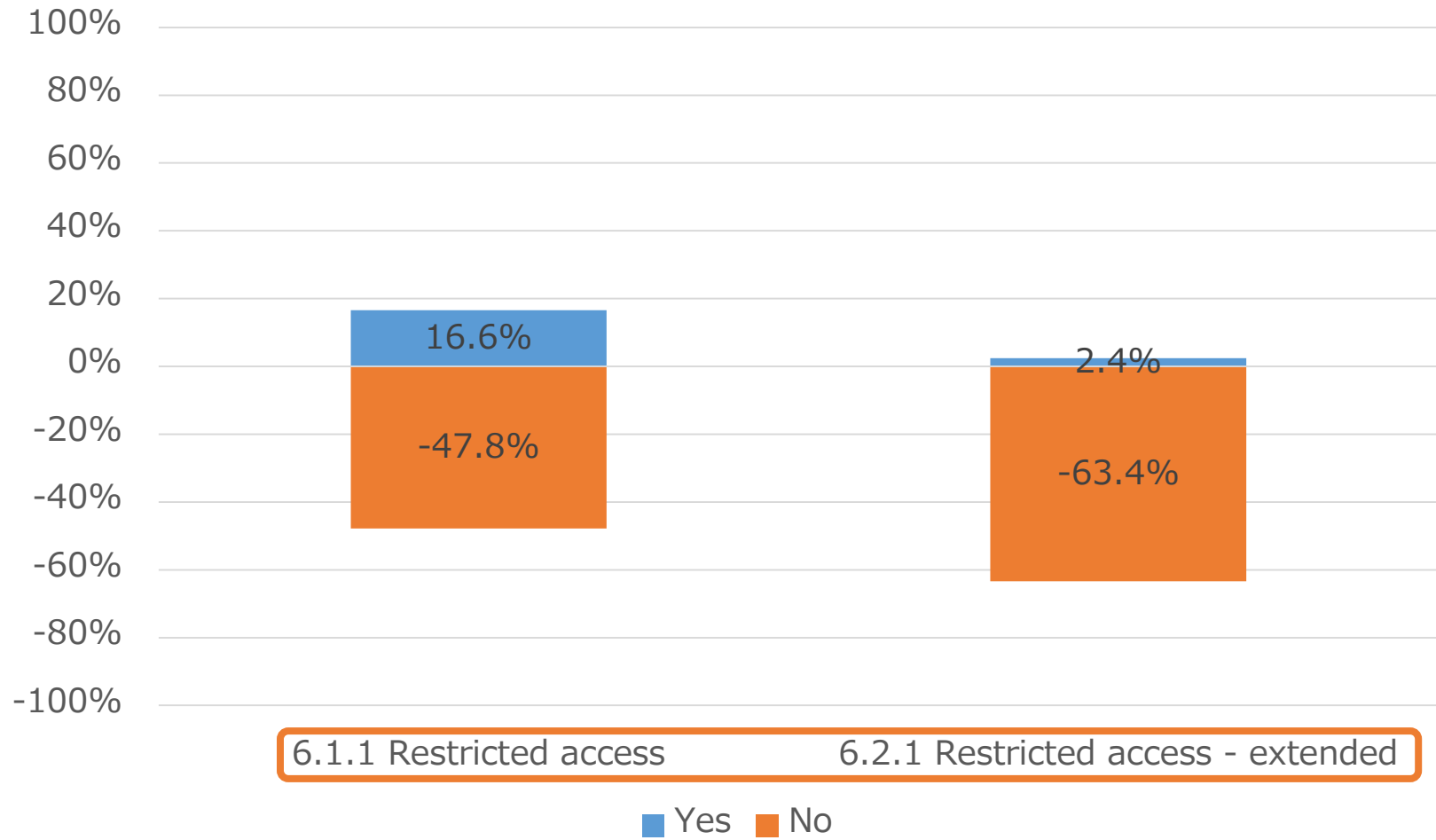


Section 2: Access



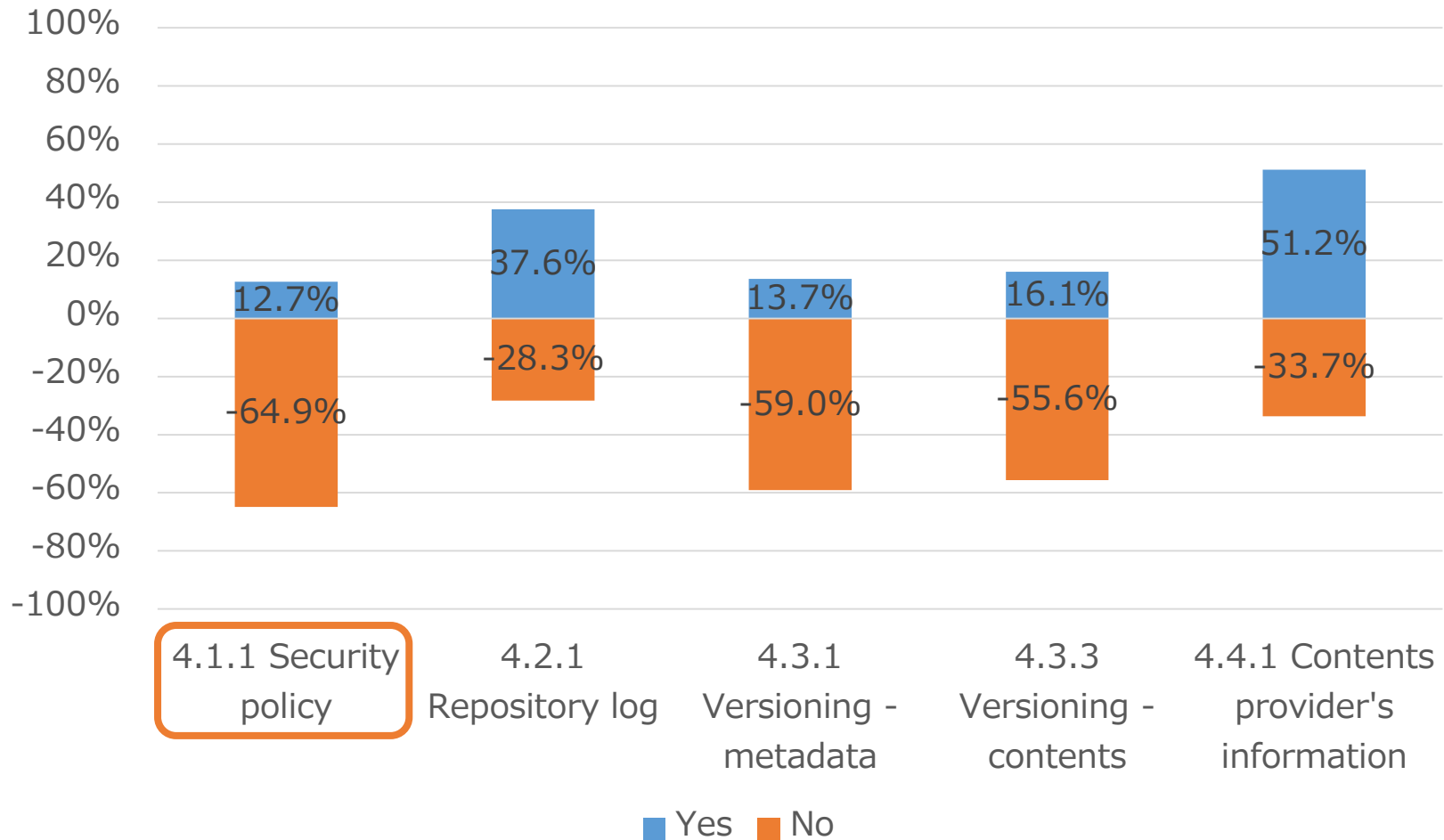
Accessibility support, large data support, and indirect way to access are not well developed; key issues to be addressed beyond free access

Section 6: Privacy of sensitive data



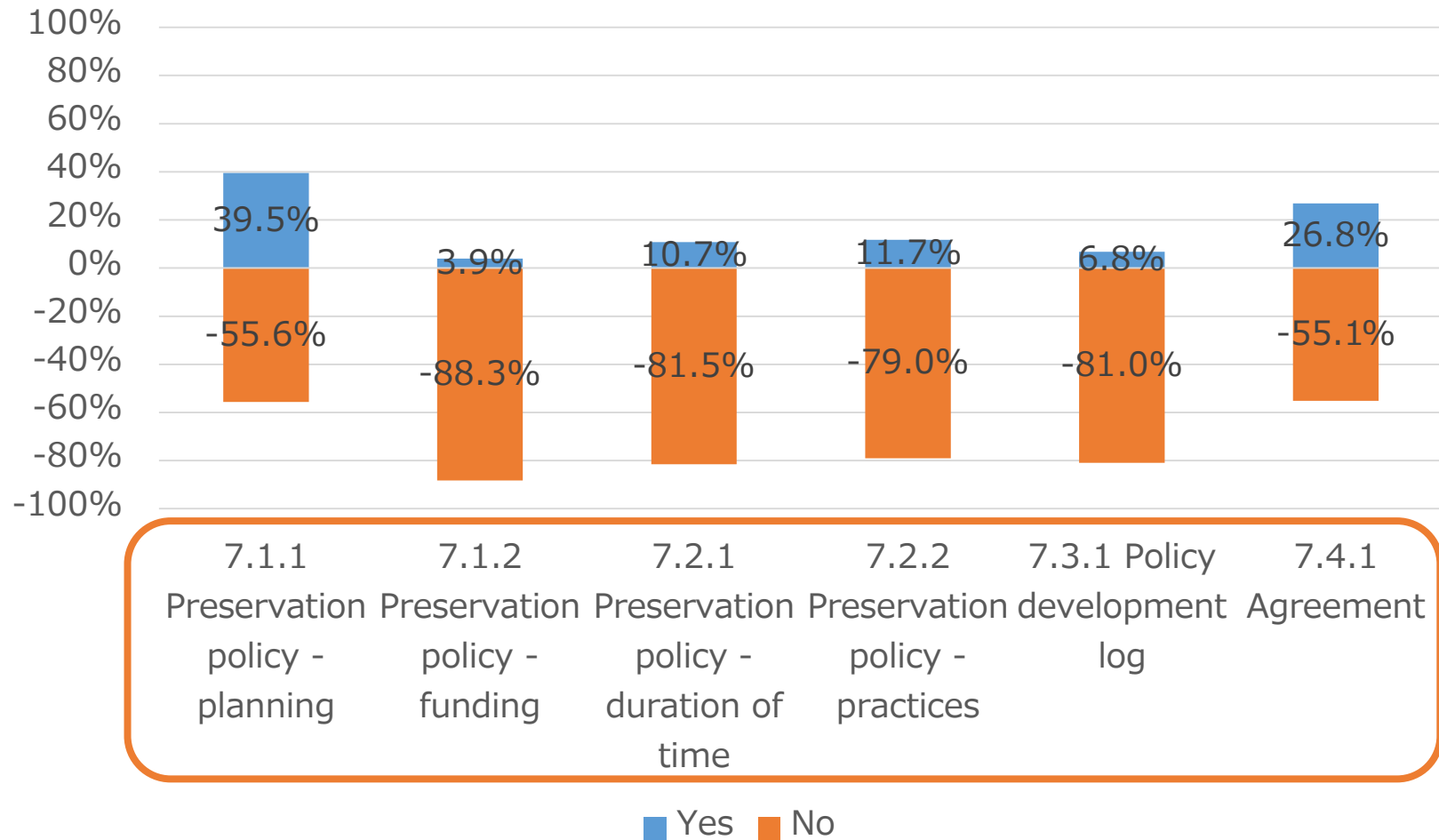
Most of the content that needs to be restricted is not handled in Japan

Section 4: Integrity and Authenticity



Since *security-related operation is handled by the collaborative repository service (JAIRO Cloud)*; it is not an operational priority for each institution

Section 7: Preservation



Preservation policies are still under development in general

Summary

1. Access & sensitive data

- Providing traditional free access is a central role for institutional repository
- Very little data containing personal information is handled

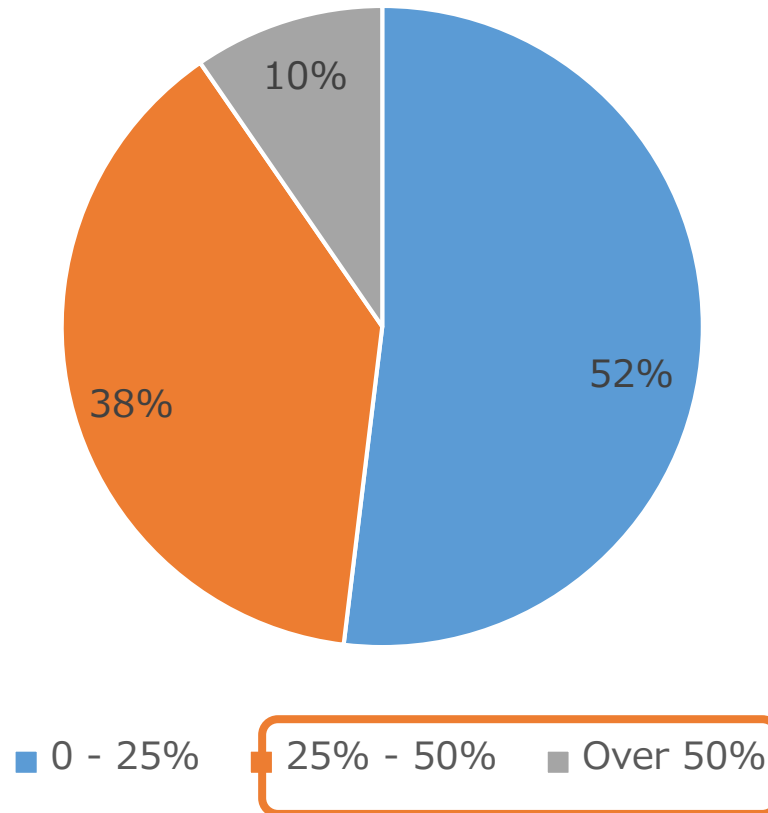
2. Security

- Collaborative repository service reduces security-related operations
- Need to better define responsibilities in the event of service outage

3. Preservation

- Preservation policies are still under development
- It will be necessary to develop an appropriate policy for expanding the possibility of handling various contents

Limitation



About 48% of questions are difficult to answer for Japanese repository manager

Next steps

Next actions

- ✓ Share results within JPCOAR (and also Asia-OA) and link to next actions
- ✓ Develop a system for ongoing data collection (Next presentation: Dr. Kawai)

Future works

- Review COAR community framework ver. 2 and revise checklist