



EOSDIS

NASA'S EARTH OBSERVING SYSTEM
DATA AND INFORMATION SYSTEM

Collection Evaluation And Evolution

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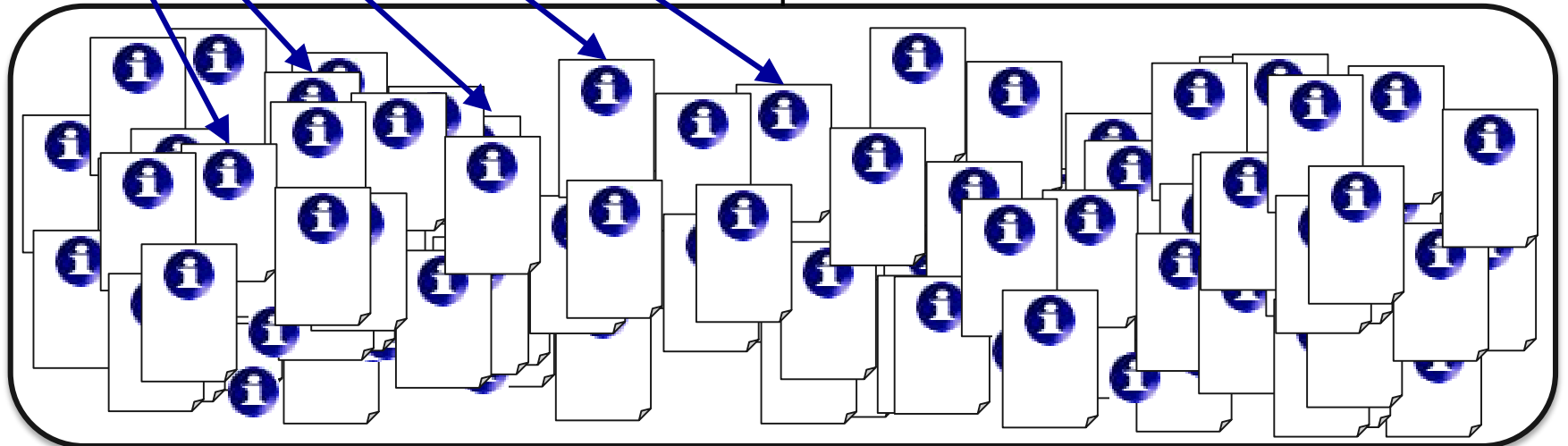
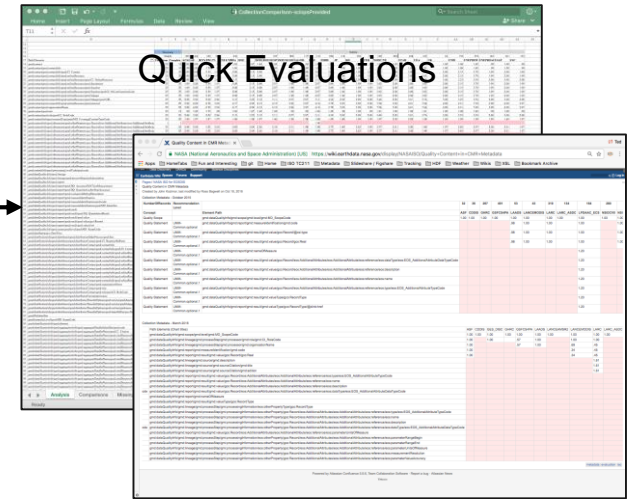
Collection Evaluation

Recommendation

- _____
- _____
- _____
- _____
- _____
- _____
- _____

Are recommended elements there?

What is there?



Recommendation Reports

Purpose: To identify and compare the usage of UMM Profile concepts across CMR Metadata Collections.

Scope: This report considers over 15,000 metadata records from 18 NASA Providers and 8 Other providers.

Demo Focus: UMM-Collection metadata Profile

Pages / ISO19115 Training Materials

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UMM-Collection Concepts in the CMR

Created by John Kozimor, last modified on May 04, 2017

UMM-Collection =

Concept	Recommended	Element Name	Element Path	NASA Exists	NASA Complete
Abstract	Required	gmd:abstract	gmd:identificationInfo/gmd:abstract	18	18
Instrument Short Name	Required	gmd:code	gmi:acquisitionInformation/gmi:instrument/gmi:identifier/gmd:code	18	17
Metadata Date	Required	gco:DateTime	gmd:dateStamp/gco:DateTime	18	18
Platform Short Name	Required	gmd:code	gmi:acquisitionInformation/gmi:platform/gmi:identifier/gmd:code	18	17
Processing Level	Required	gmd:code	gmd:contentInfo/gmd:processingLevelCode/gmd:code	17	13
Project Name	Required	gmd:code	gmi:acquisitionInformation/gmi:operation/gmi:identifier/gmd:code	14	11
Project Name	Required	gmd:DS_AssociationTypeCode	gmd:identificationInfo/gmd:aggregationInfo/gmd:associationType/gmd:DS_AssociationTypeCode	8	1

Quick Evaluations

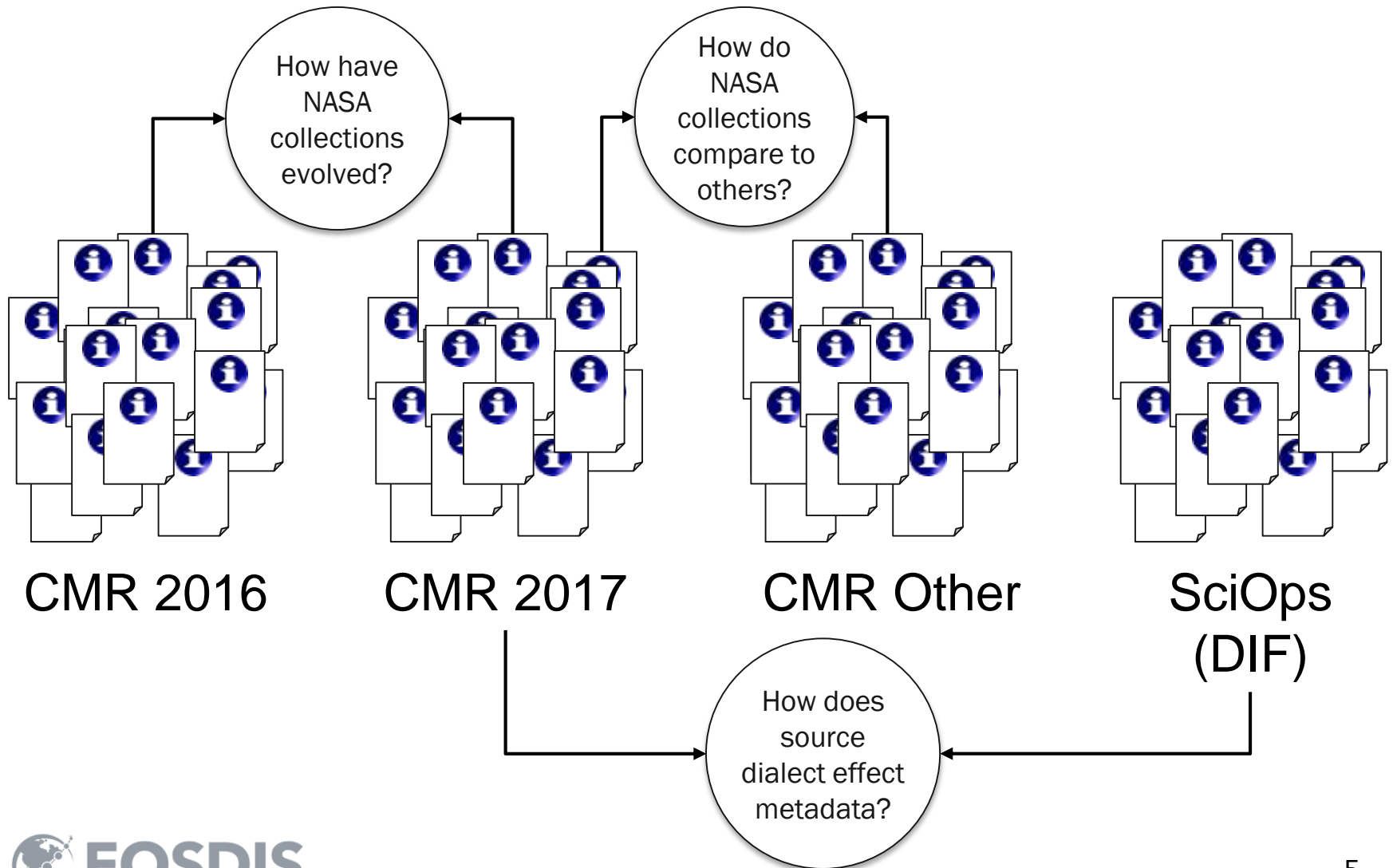
Purpose: To identify and compare the usage of commonly used documentation objects across CMR metadata Collections.

Scope: This report considers over 15,000 metadata records from 18 NASA Providers and 8 Other providers.

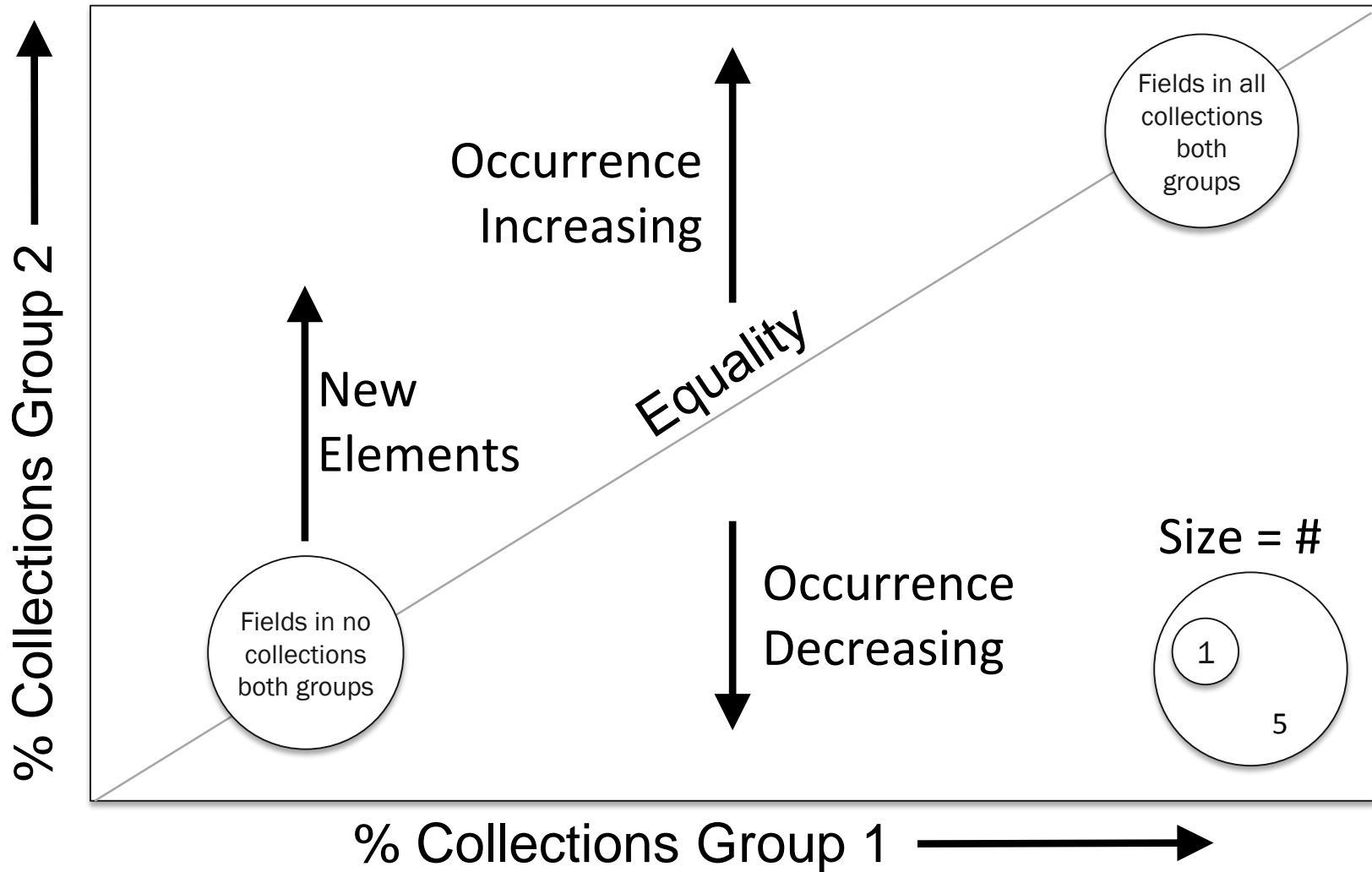
Demo Focus: How do CMR metadata providers document people and organizations?

The screenshot shows a web browser window with a URL starting with "https://docs.google.com/spreadsheets/d/1ac4-vDN04B...". The main content is a large data table with many columns and rows. The columns include various metadata fields, and the rows contain numerical and text data. The table is densely packed with information, likely representing the 15,000+ metadata records mentioned in the scope.

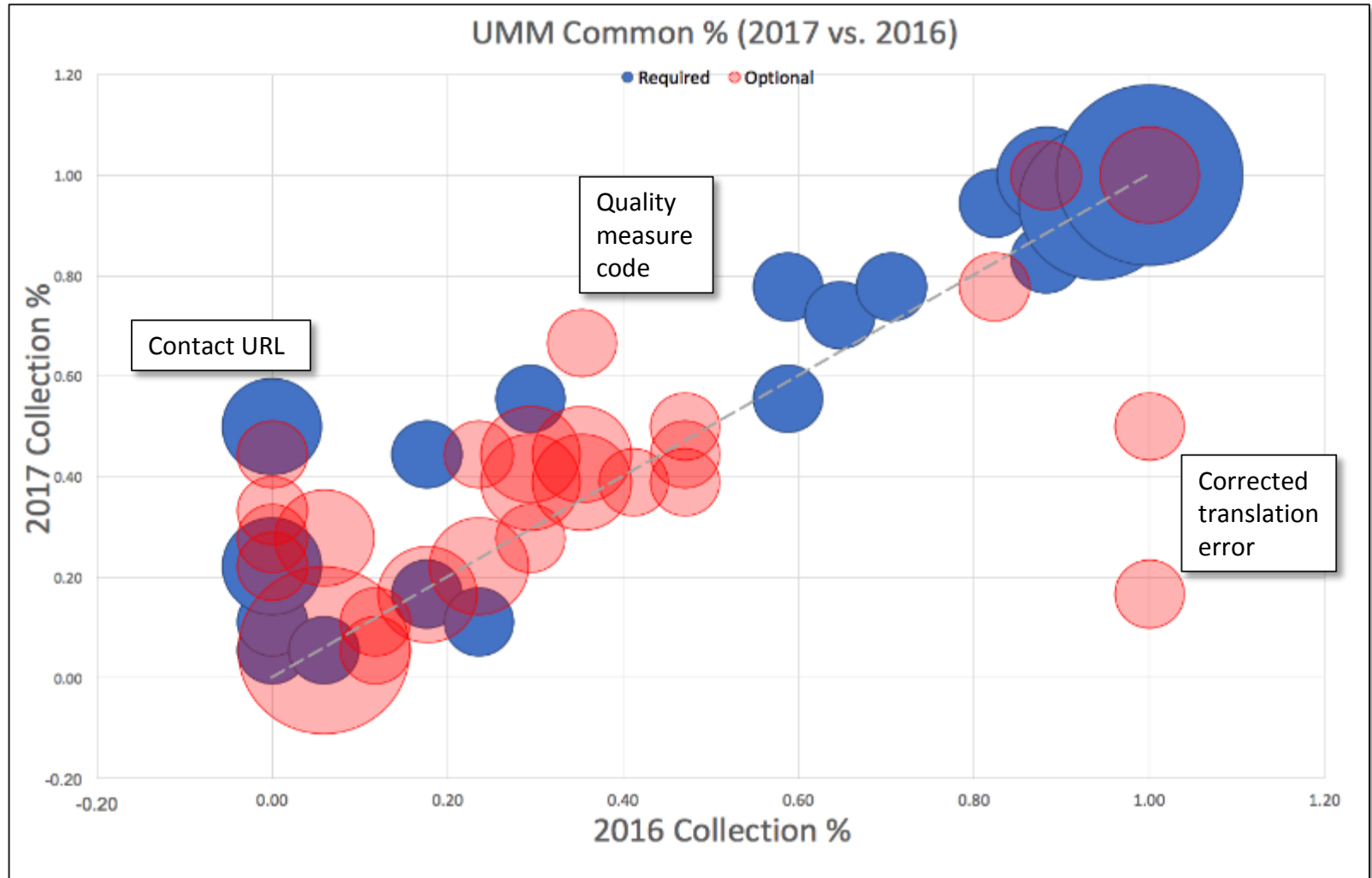
Collection Evolution



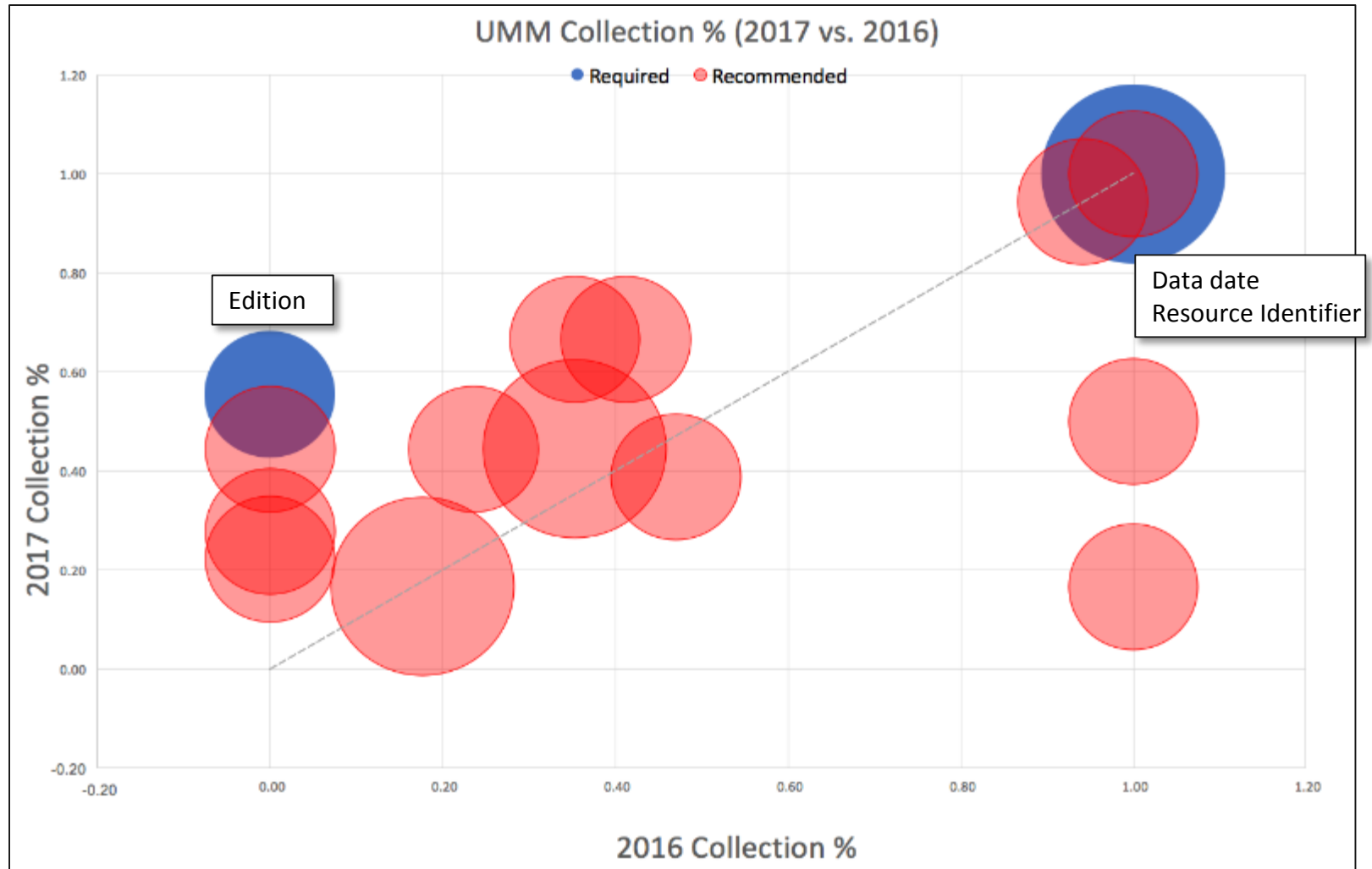
Comparisons



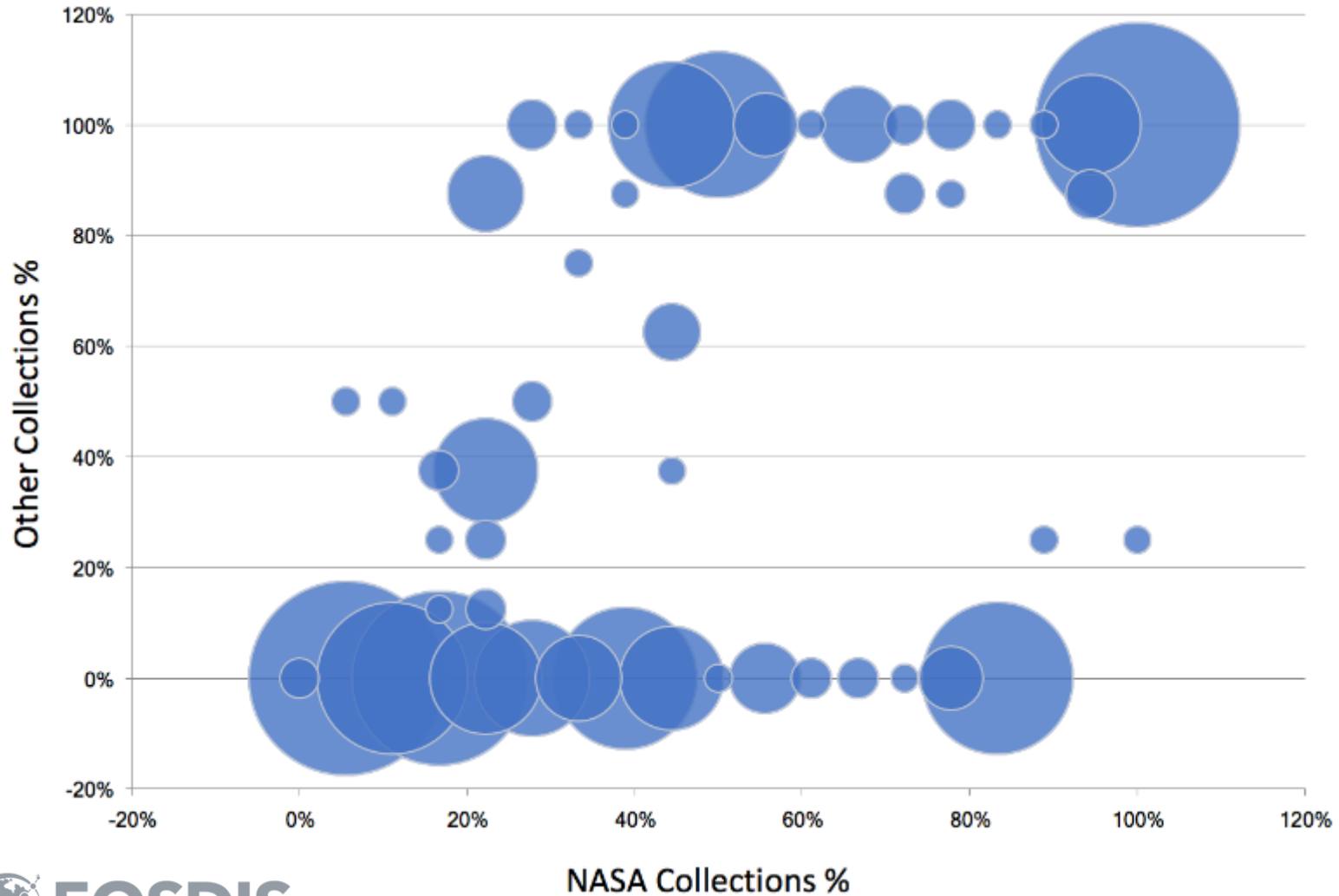
UMM-Common Evolution



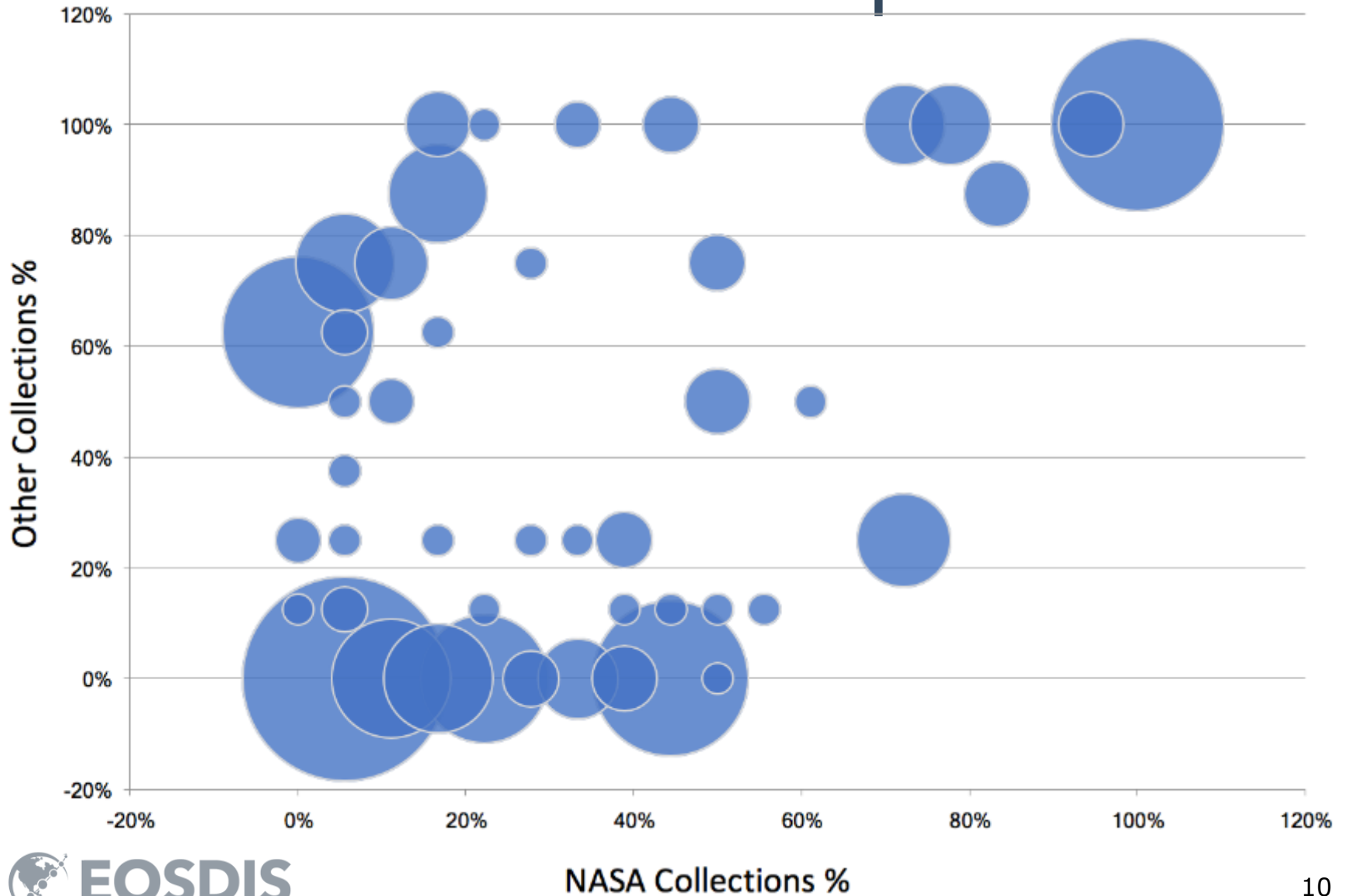
UMM-Collection Evolution



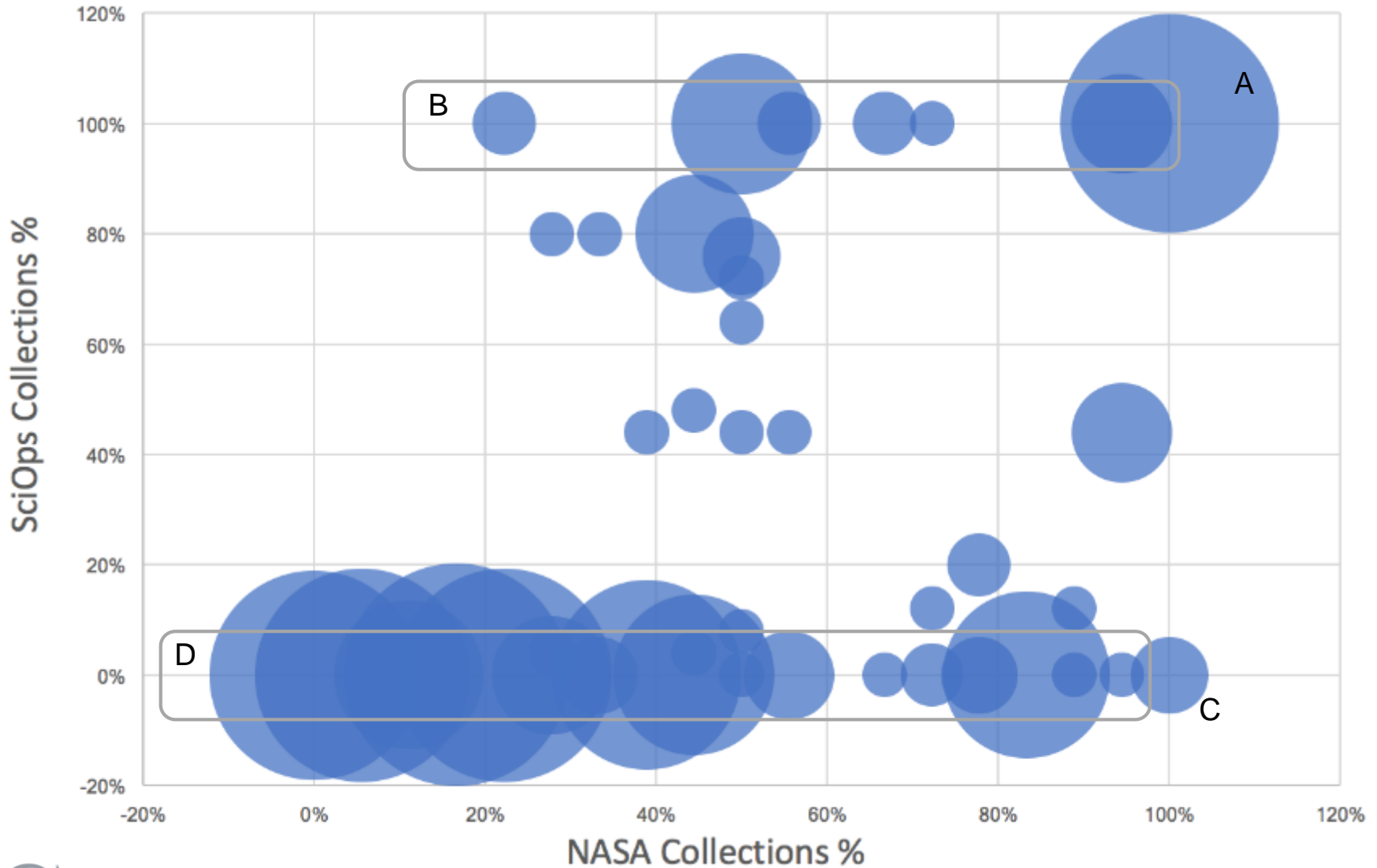
Other vs. NASA Exists



Other vs. NASA Complete



SciOpsProvided Elements vs. NASA



Acknowledgements

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Raytheon

