



DEUTSCHE INITIATIVE
FÜR NETZWERKINFORMATION E.V.

re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES

Publikation von Forschungsdaten in Repositorien – eine re3data-Analyse

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Produktion bis zur Langzeitarchivierung”
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REGISTRY OF RESEARCH DATA REPOSITORIES

DFG Deutsche
Forschungsgemeinschaft

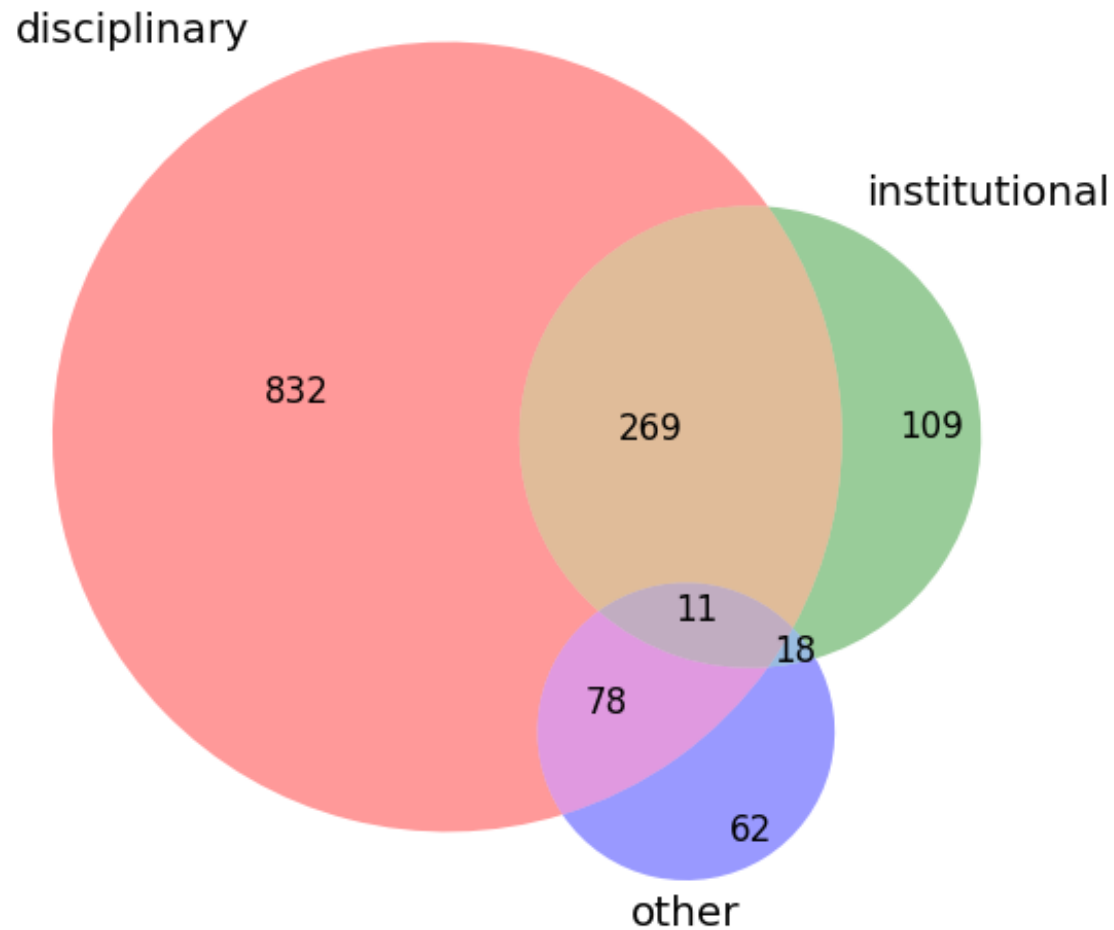


Pampel et al. (2013) Making Research Data Repositories Visible: The re3data.org Registry. In: PLOS One 8 (11) doi:10.1371/journal.pone.0078080

Datenanalyse

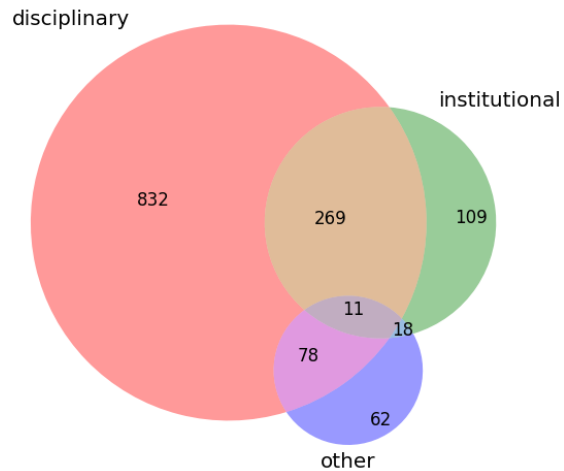
- „[...] provide initial information on the RDR landscape to help identify areas requiring improvement“
- Sample: **n = 1.381 Repositorien** (basierend auf Metadatenschema Version 2.2 oder jünger) mit Stand **3. Dezember 2015**
(1.937 Repositorien mit Stand 28.09.2017)
- *Paper:* Kindling et al. (2017) The Landscape of Research Data Repositories in 2015: A re3data Analysis. In: D-Lib 3/4 (23) 2017. doi:10.10.45/march-2017-kindling
- *Forschungsdaten und Datendokumentation:* van de Sandt et al. (2017) The Landscape of Research Data Repositories in 2015. A re3data Analysis. Available on zenodo.org. doi.org/10.5281/zenodo.49709

Repository types*



* Multiple values possible (n = 1,379)

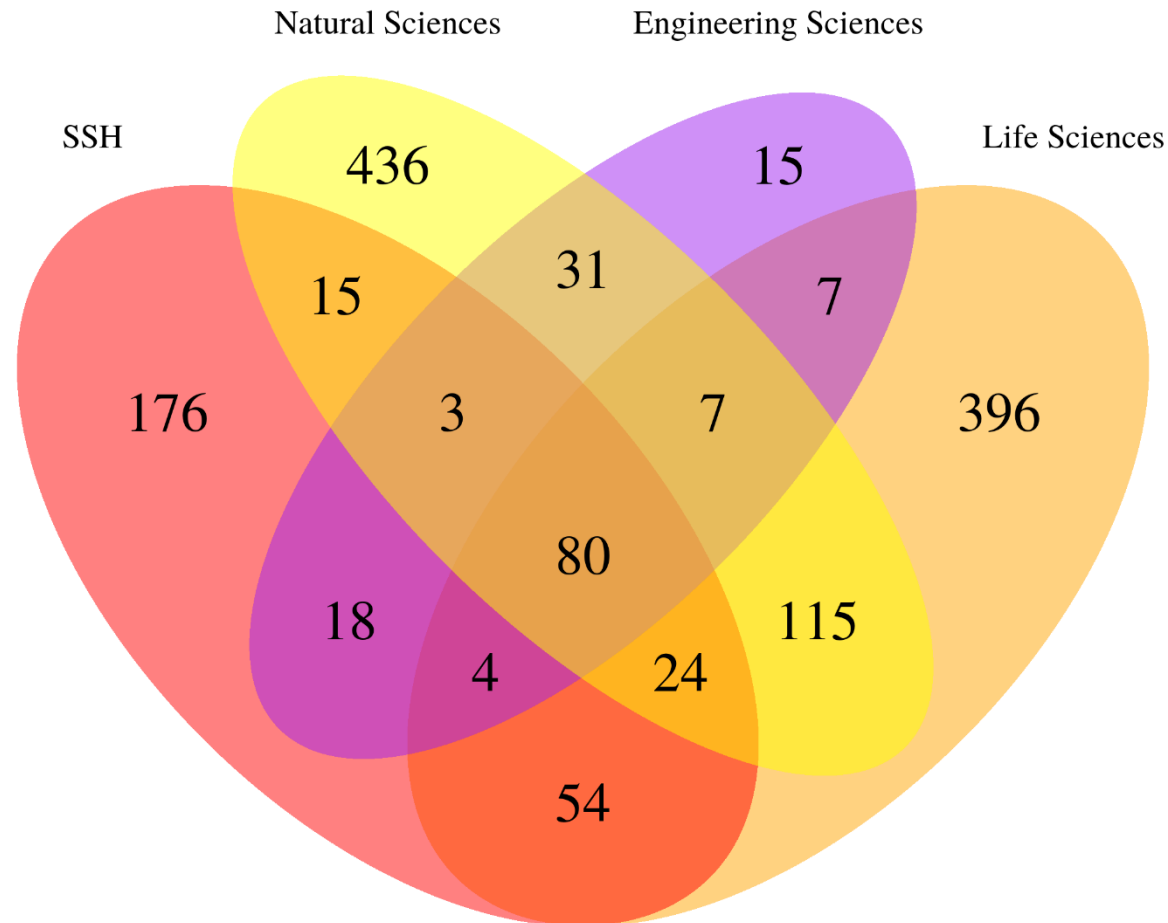
Repository types*



repository type	Number (n = 1,381)
	Percentage (%)
Disciplinary (only)	60.3
Institutional (only)	7.9
Other (only)	4.5
Disciplinary, Disciplinary & Other a/o Institutional	86.2

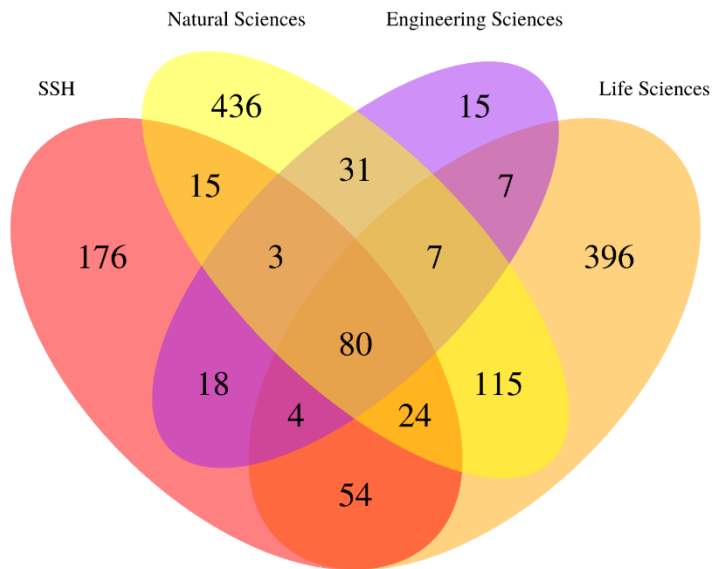
* Multiple values possible (n = 1,379)

Subjects*



* Based on the four main subject categories of DFG-Fachklassifikation. Multiple values possible (n = 1,381)

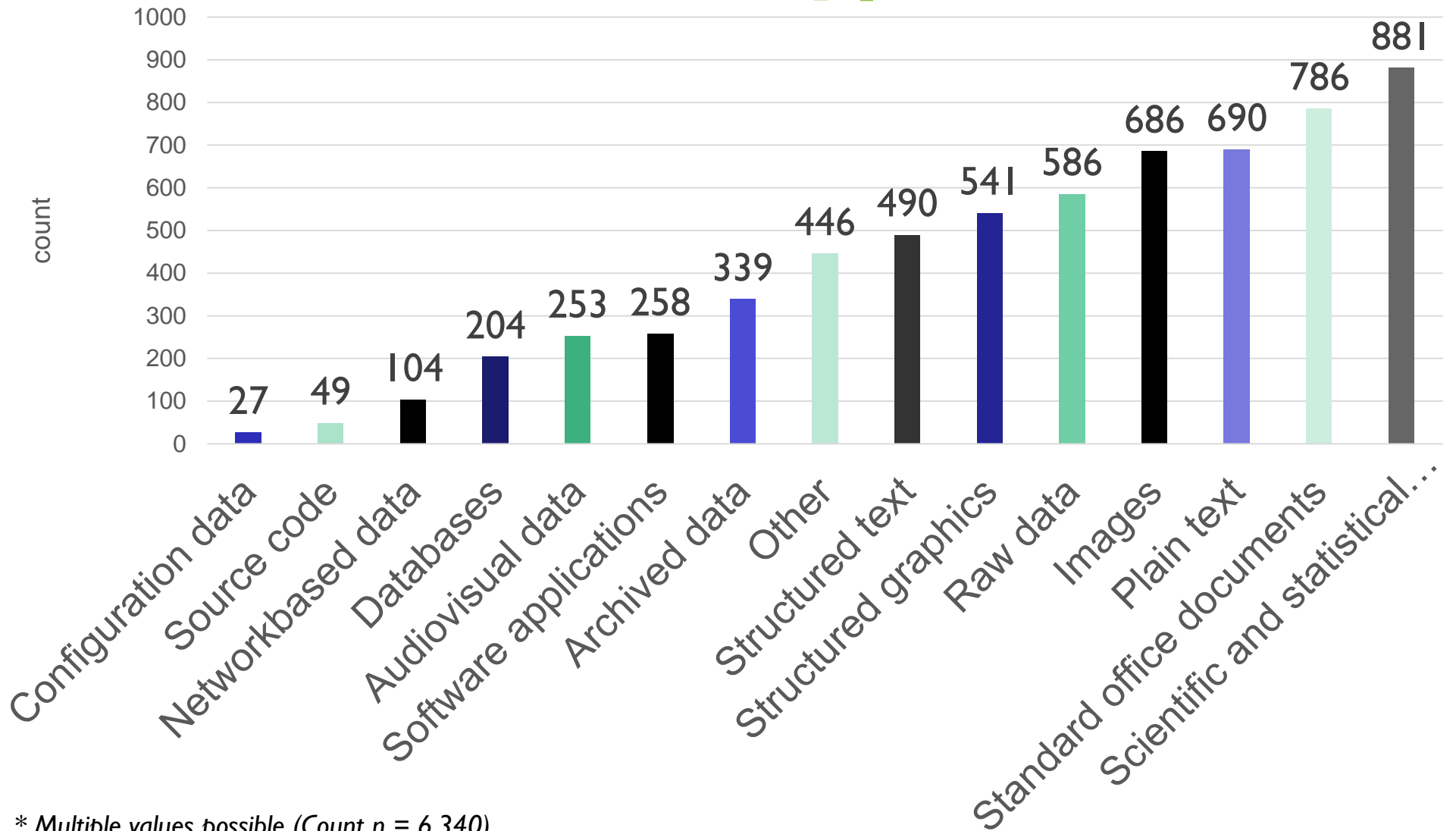
Subjects*



repository type	Number (n = 1,381)
	Percentage (%)
SSH (only)	12.7
Natural Sc. (only)	31.6
Engineering Sc. (only)	1.1
Life Sc. (only)	28.7

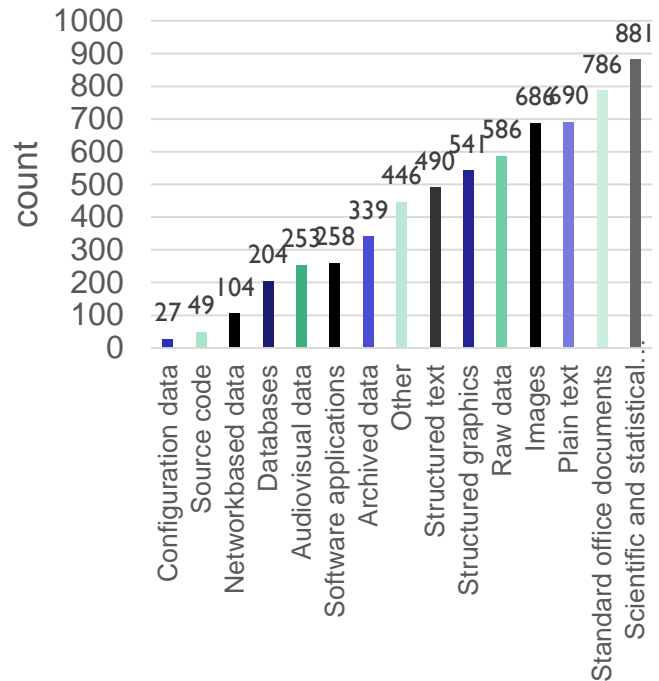
* Based on the four main subject categories of DFG-Fachklassifikation. Multiple values possible (n = 1,381)

Content types*



* Multiple values possible (Count n = 6,340)

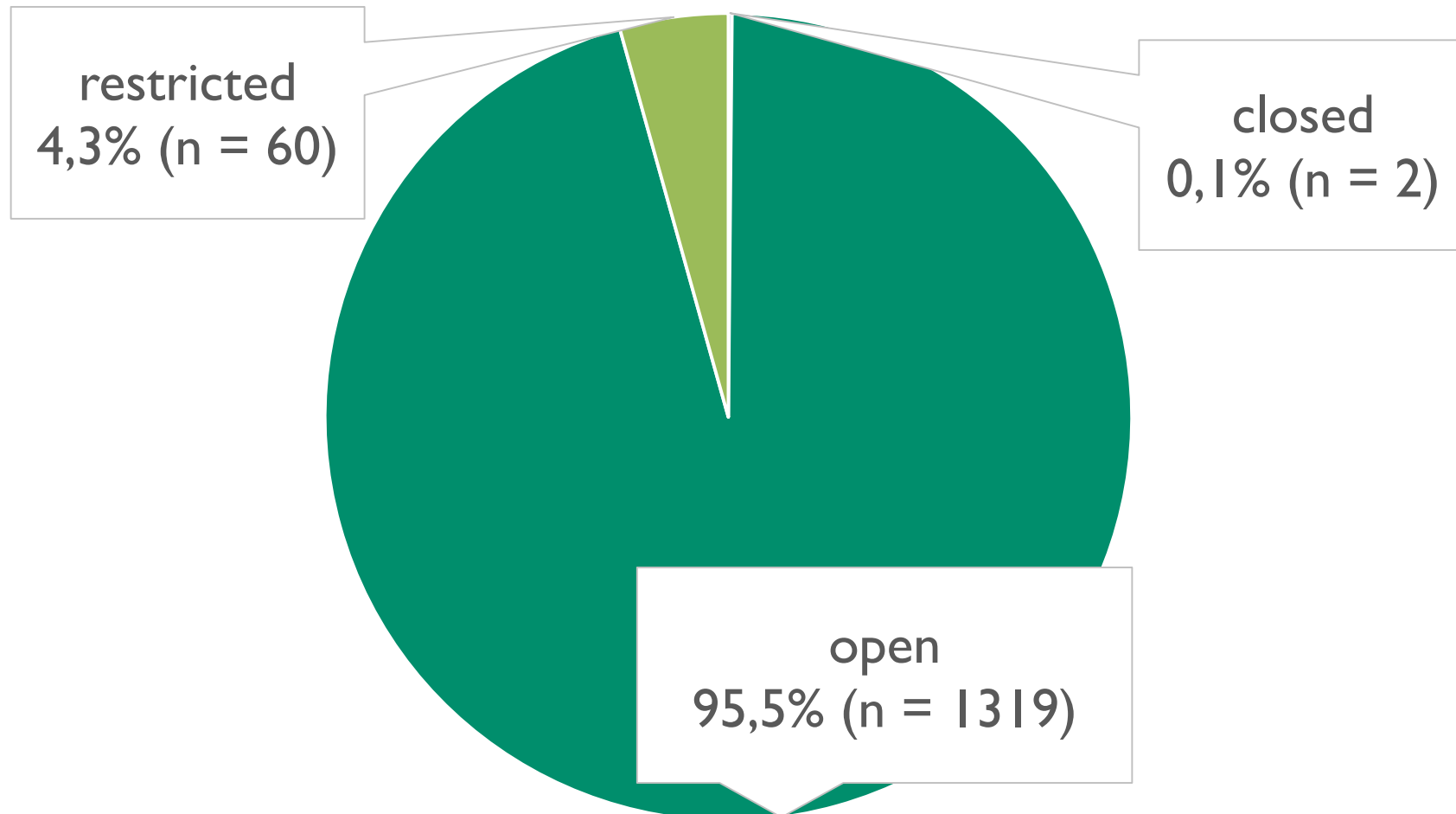
Content types*



re3data content type	Number (n = 1,381)
	Percentage (%)
Scientific and statistical formats	63.8
Standard office documents	56.9
Plain text	50.0
Images	49.7
Raw data	42.4

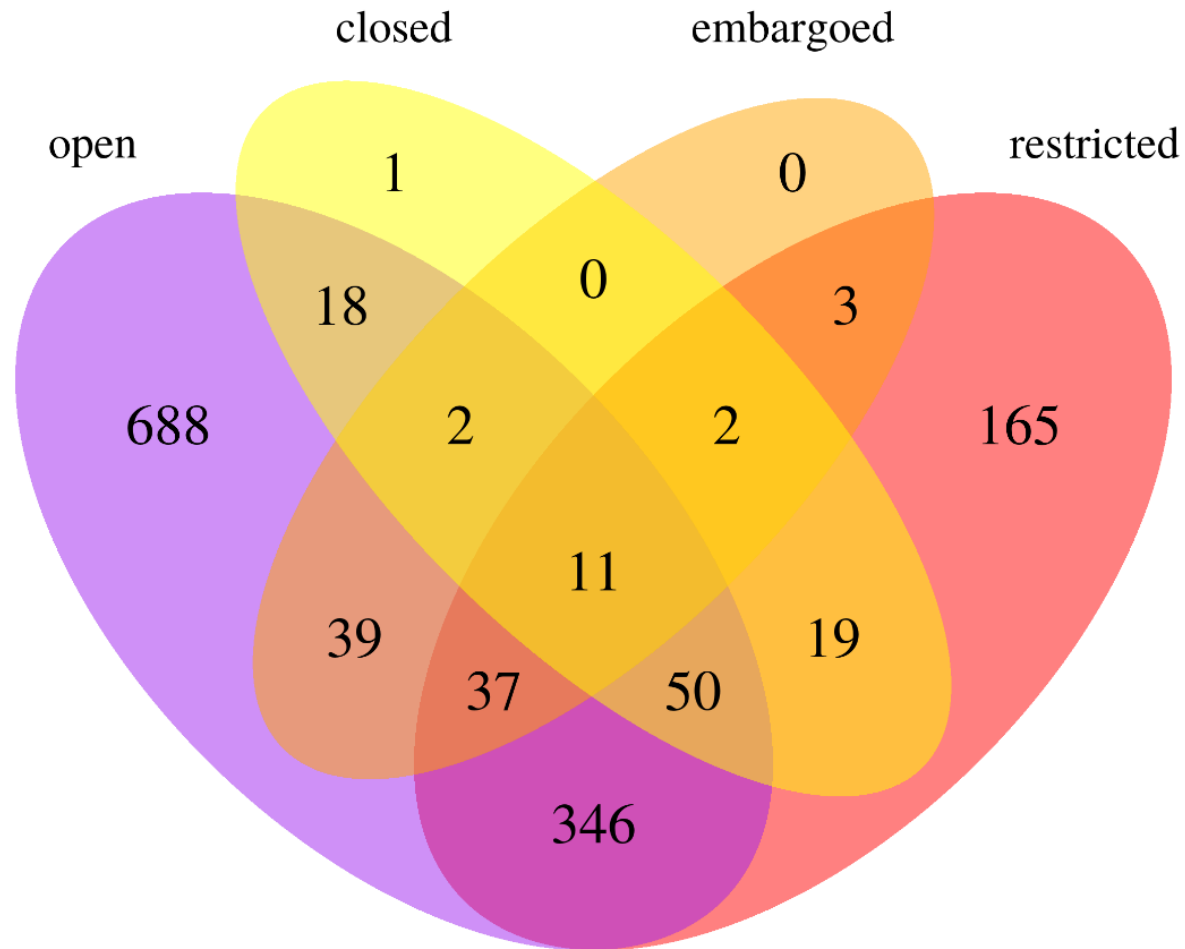
* Multiple values possible (Count n = 6,340)

Database access*



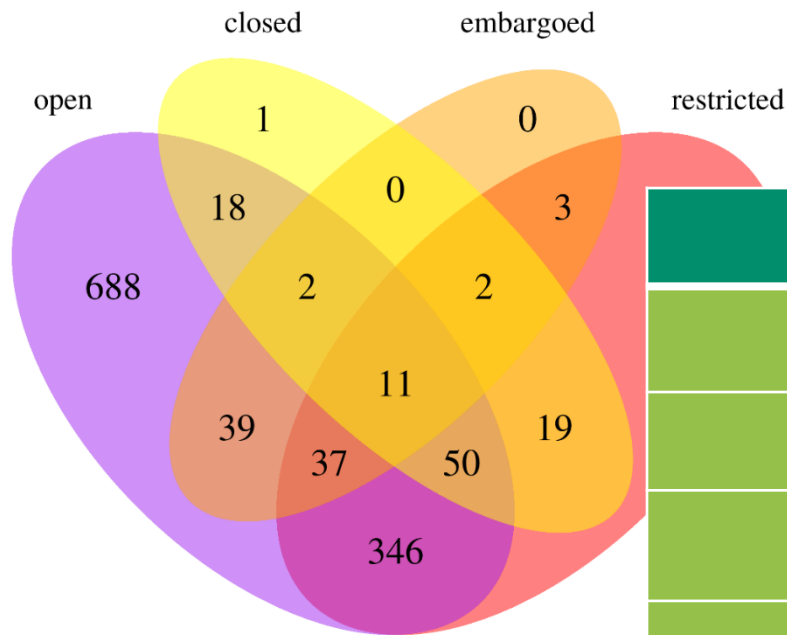
* $n = 1,381$

Data access*



* Multiple values possible ($n = 1,381$)

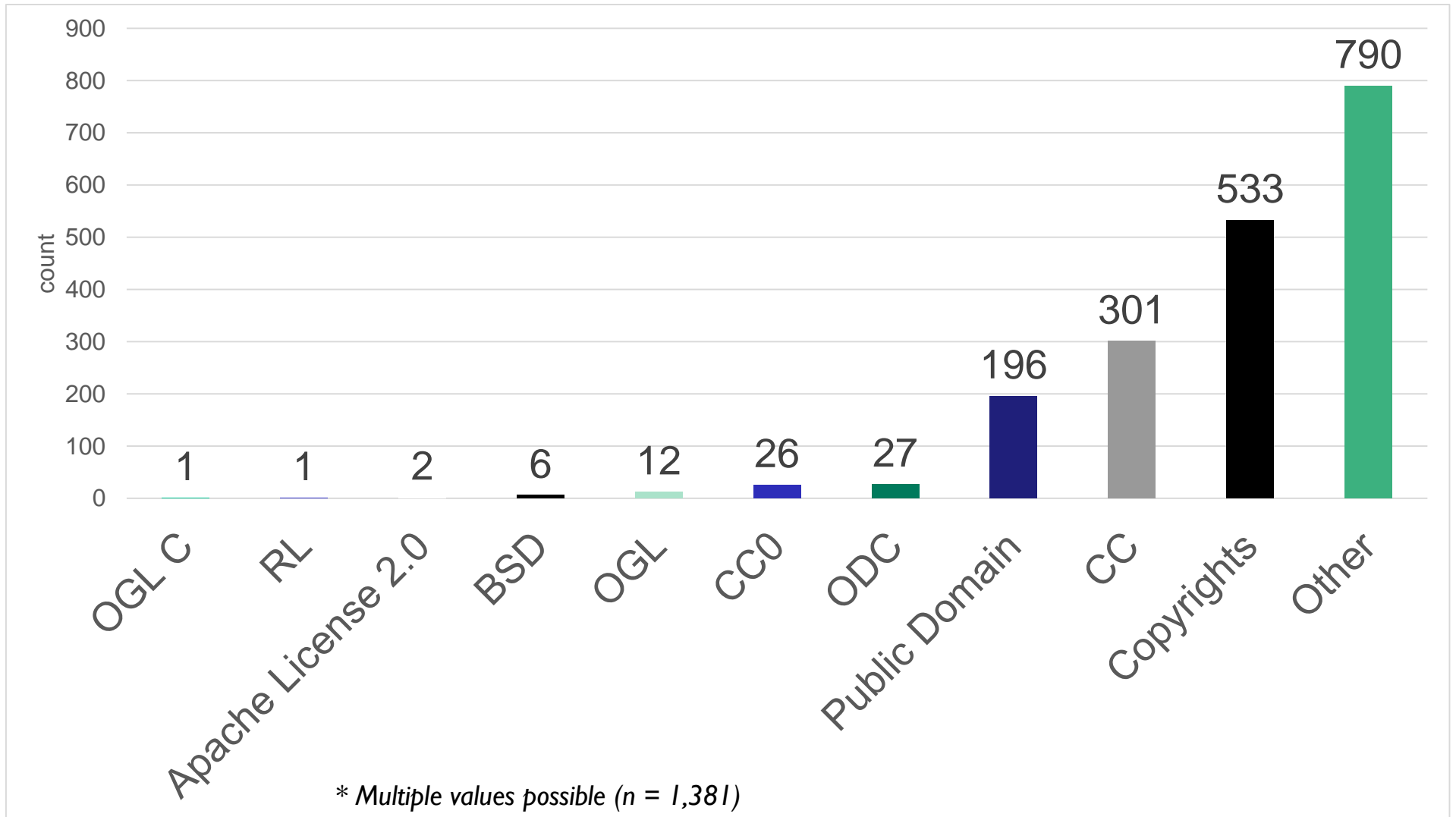
Data access*



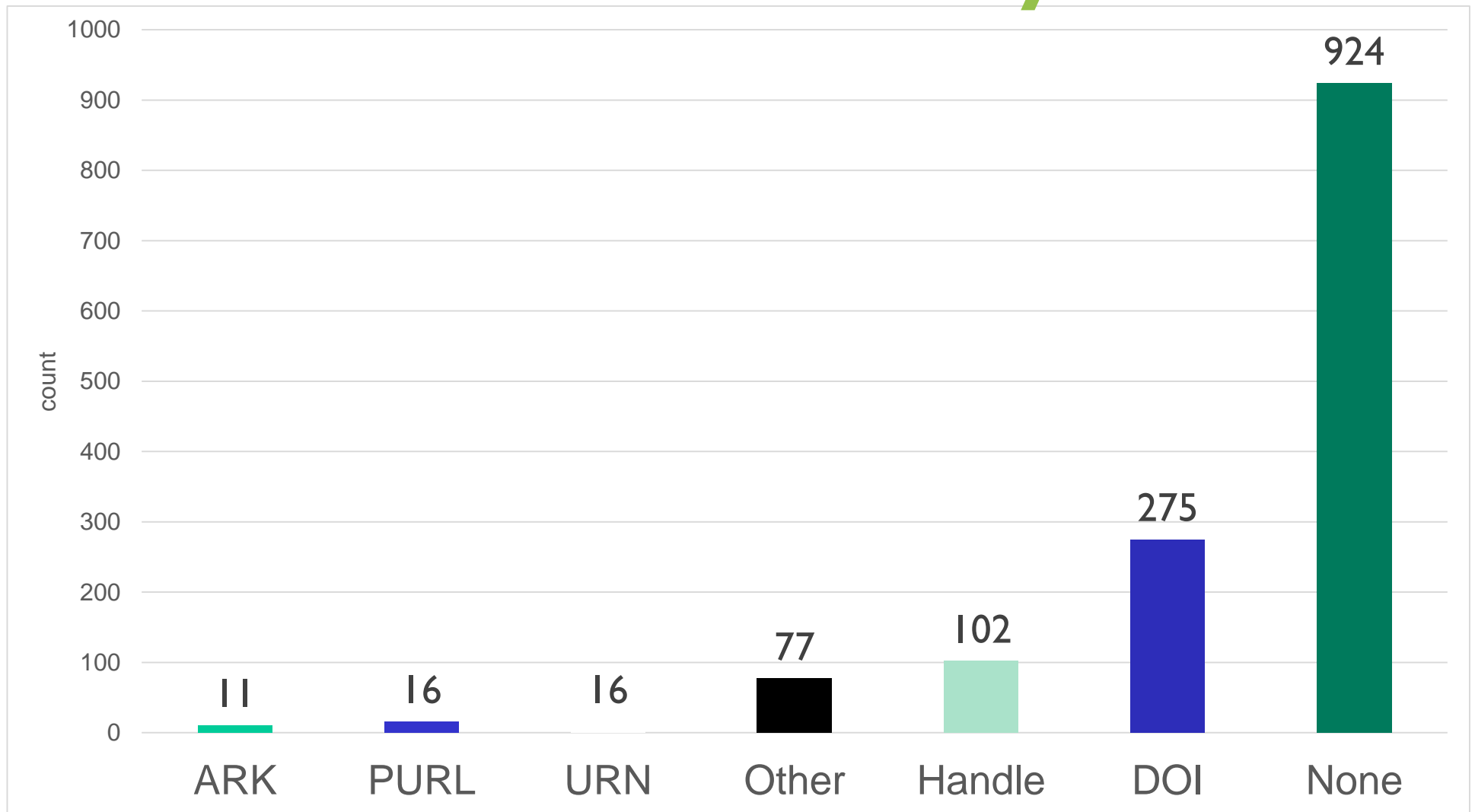
re3data access types	Number (n = 1,381)
	Percentage (%)
Open (only)	49.8
Closed (only)	0.1
Embargoed (only)	0
Restricted (only)	11.9
Open a/o Closed, Embargoed, Restricted	86.2

* Multiple values possible (n = 1,381)

Data licenses*

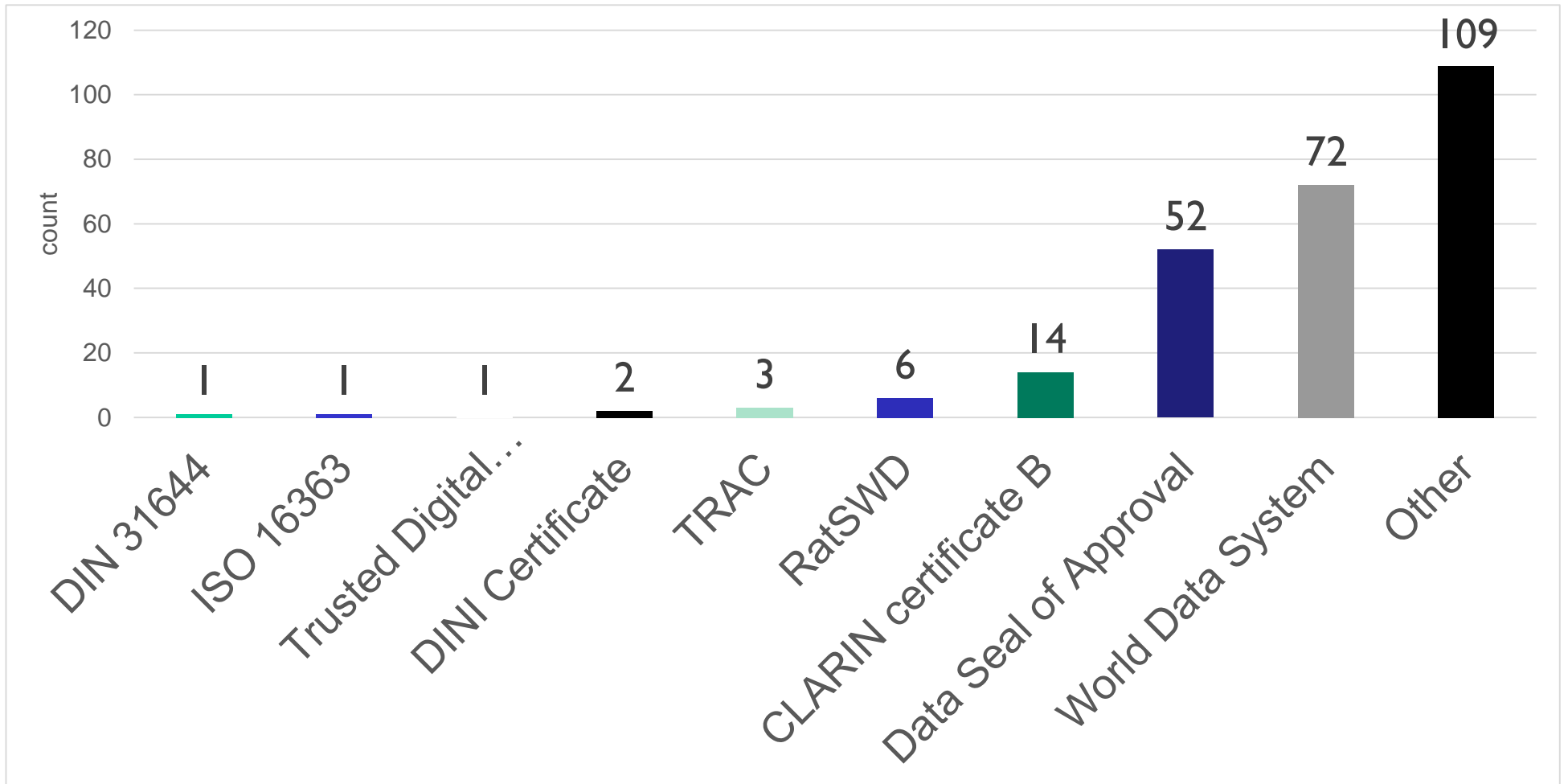


Persistent Identifier Systems*



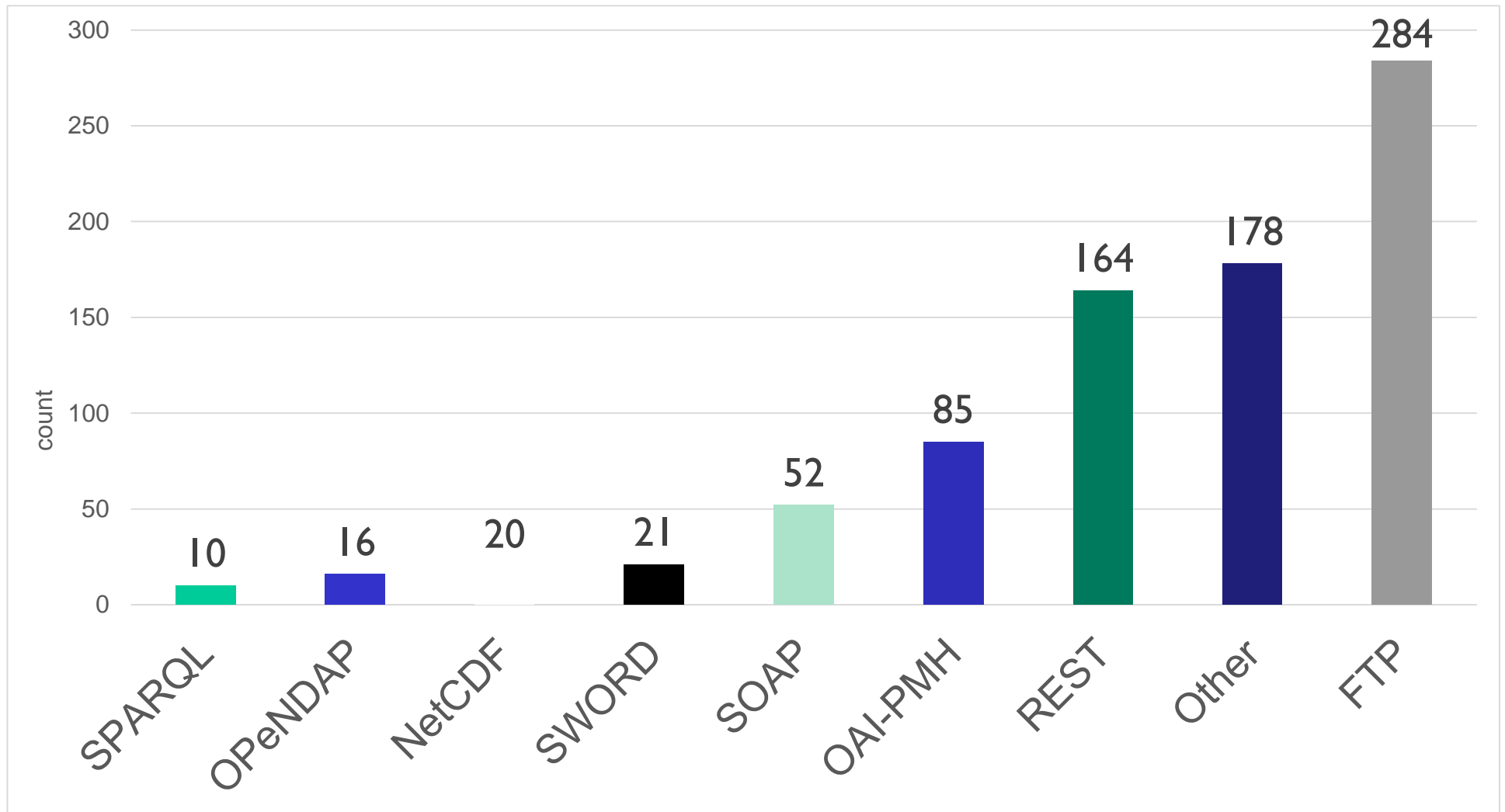
* Multiple values possible (n = 1,381)

Certificates*



* Multiple values possible (n = 1381)

APIs*



* Application Programming Interfaces. Multiple values possible (n = 830)

Fazit

- re3data-Analyse bietet viele Ansatzpunkte für weitere Forschung
- Hohe Heterogenität, fragmentierte und strukturell schwer zu fassende Landschaft (disziplinäre Perspektive?)
- Herausforderungen für RDR aus Sicht der Informationsinfrastruktur u.a.:
 - Sichtbarkeit & Registrierung (z.B. bei re3data)
 - Unterstützung von PID-Systemen, Angebot maschinenlesbarer Lizenzinformationen
 - Interoperabilität u.a. (standardisierte) Metadaten via API
 - Zertifikate & Standards (technisch (Software-Entscheidungen), organisatorisch, rechtlich, inhaltliche Qualitätssicherung)
 - Aussagen zur Langzeitarchivierung & Verantwortlichkeiten (Policy, Mission Statement)
 - Analysen zur Nutzung

re3data.org

REGISTRY OF RESEARCH DATA REPOSITORIES

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