



Preparing future epidemiological studies to support EU's veterinary medicines regulation: a data landscape analysis

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Background and aims

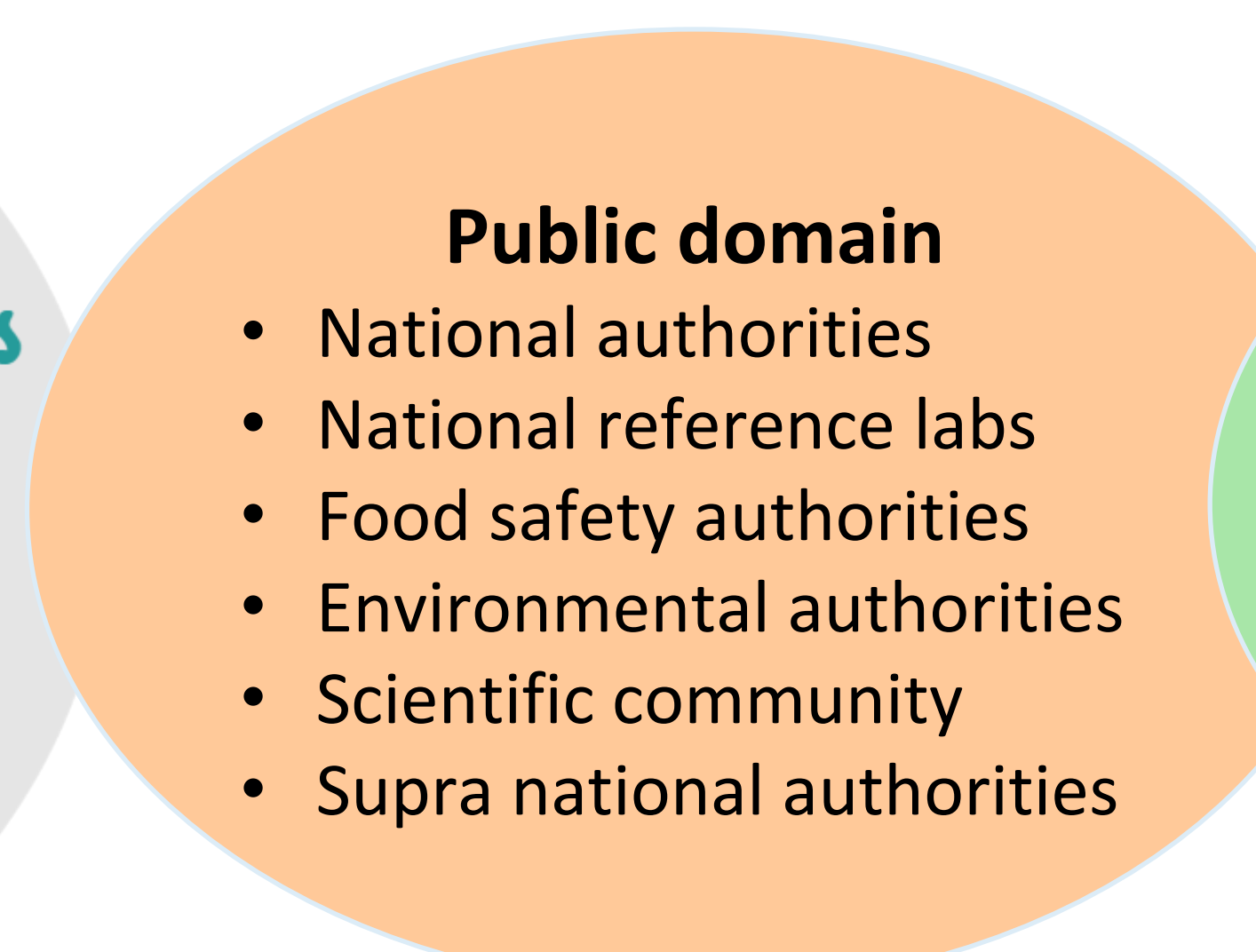
- Real-world data sources have the potential to provide valuable input on key regulatory activities through pharmaceutical research and development, authorisation and post-authorisation activities. Regulatory decisions could be supported based on up-to-date data and adapted timelier when data are available and easily accessible.
- The purpose of the landscape analysis carried out in the project "Big Data in Veterinary Medicines Regulation: a data landscape analysis" is to identify data sources across Europe for policy making in the field of the regulation and monitoring of veterinary medicines, their health impact, ecological impact, residue issues, antimicrobial resistance and other potential issues related to animal health.

Methods

- Data content to be covered:



- Stakeholders approached:



- Search strategies:

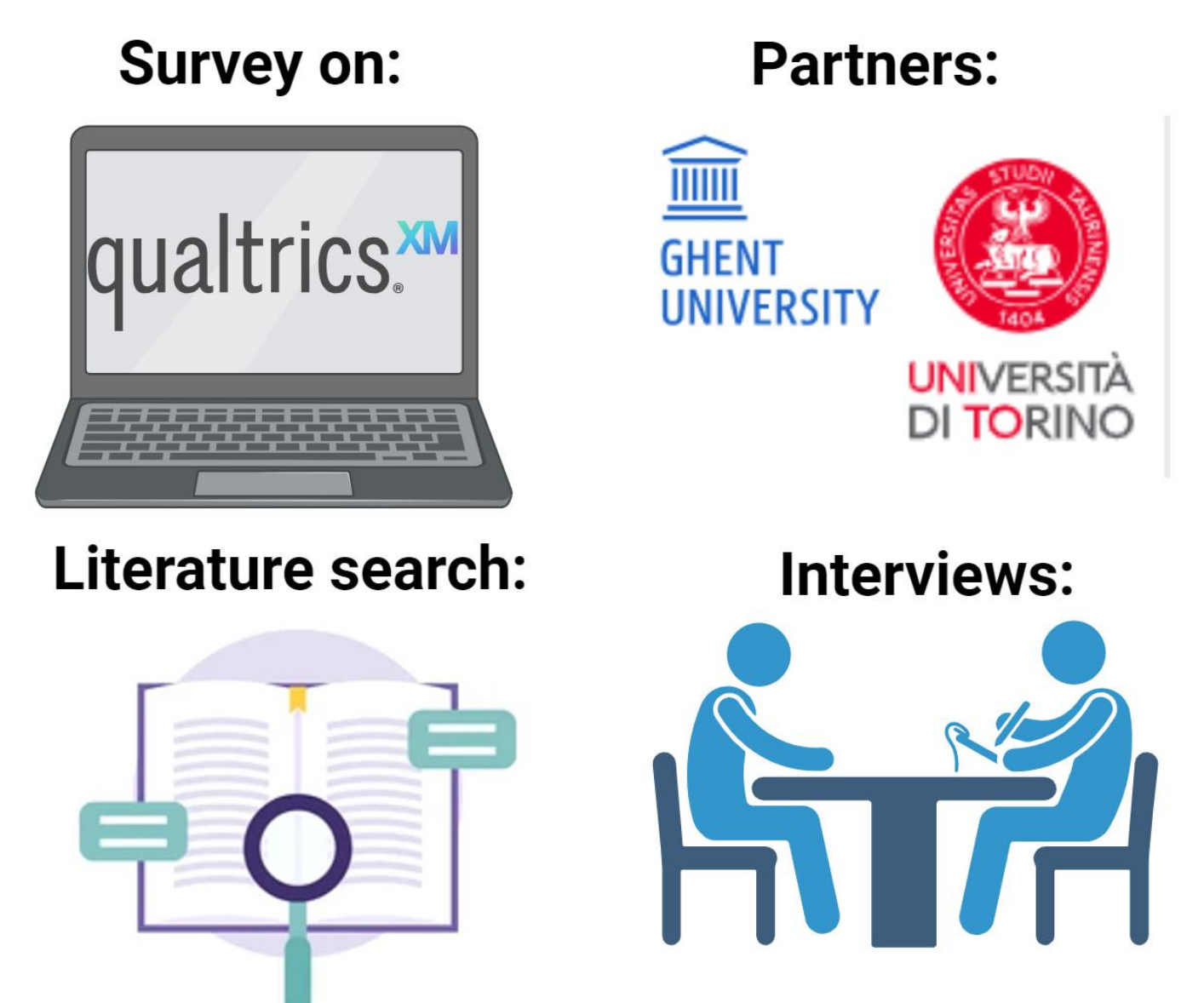


Figure 1. Overview of the framework used to identify the data sources, including the content to be covered, in different domains.

Results

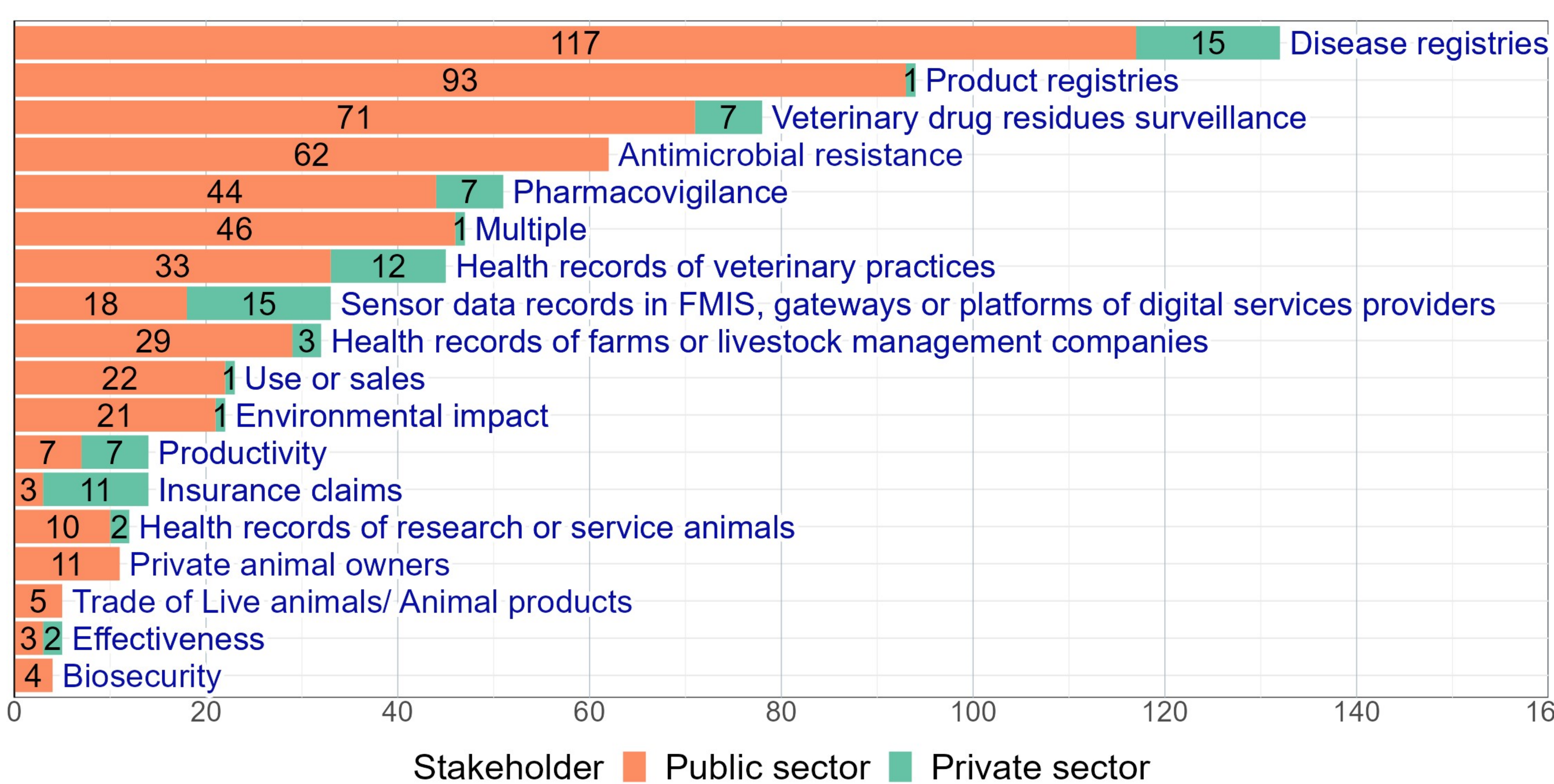


Figure 2. Distribution of the 684 data sources retrieved according to the data content and the stakeholder domain after the removal of 103 repeated or non-eligible.

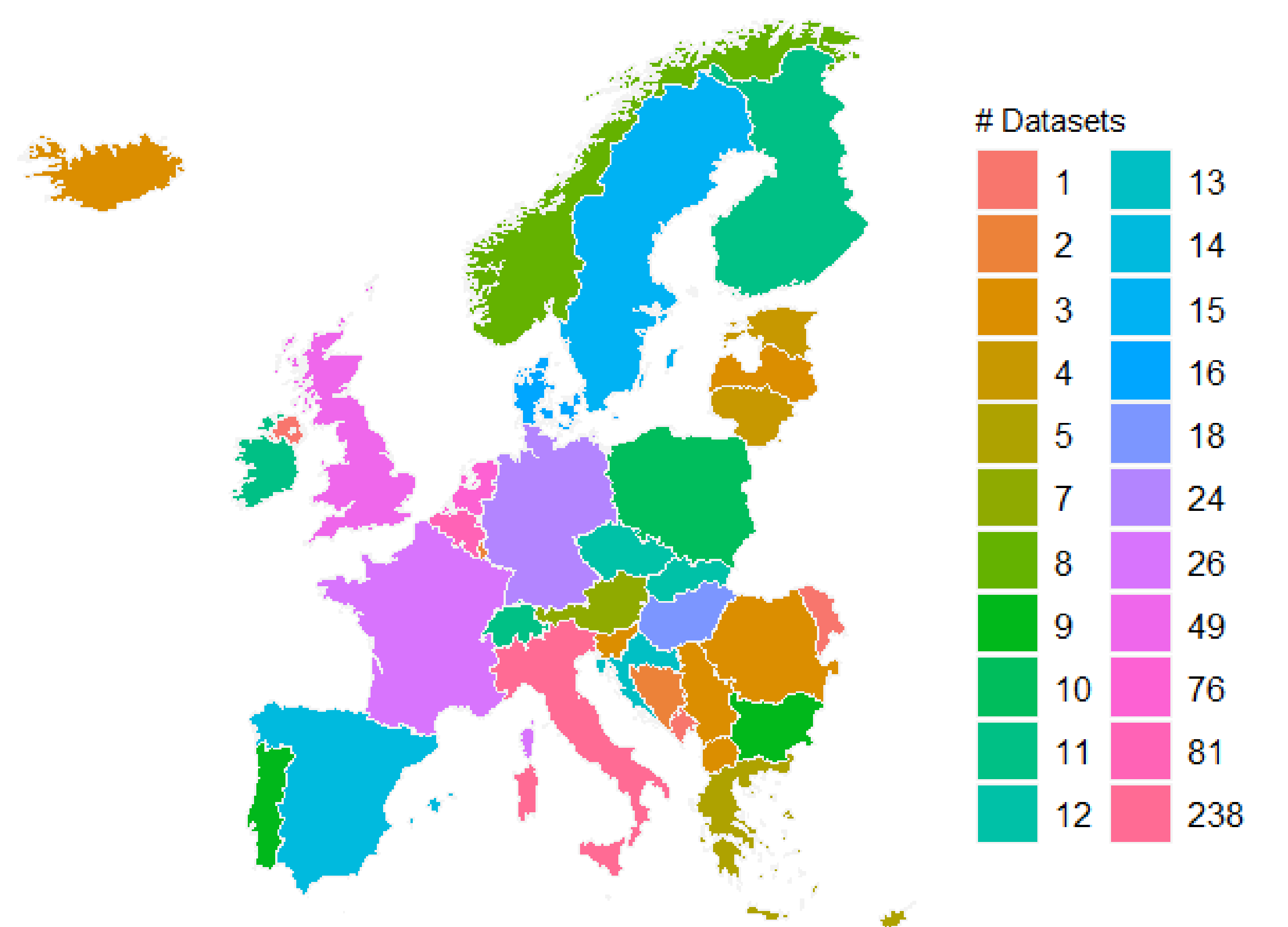


Figure 3. Geographical distribution of the 684 data sources retrieved.

Remarks

- The data landscape was most successful in the public compared to the private sector, pointing to limited accessibility of private sources.
- Geographical distribution is biased. In-depth searches in Italy, Belgium, and the Netherlands confirm that searches performed at the national level yielded more sources.
- The number of sources presented here does not capture features e.g. the size and coverage. Those will be characterized as the next step.
- The ultimate goal of the landscape analysis is to inform Proof of Concept that will show the potential of the sources for regulatory purposes.