Grey Literature from Research Laboratories

A Case Study of the French National HAL Repository

Joachim Schöpfel, Hélène Prost, Julie Barrié
University of Lille, ULR 4073 - GERiiCO, France

Questions

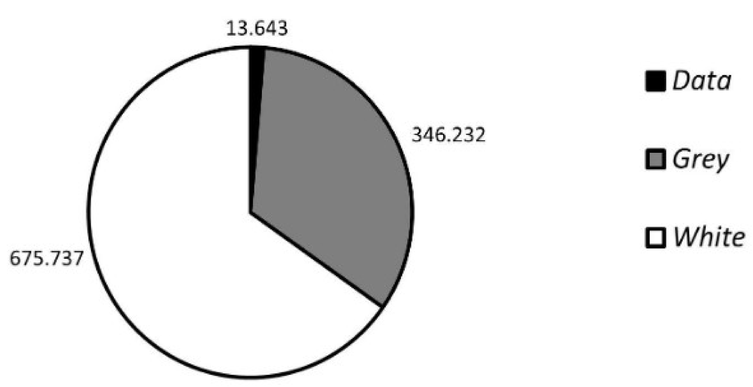
- Which is the part of grey literature among the academic publications of research laboratories ?
- Which is the annual increase of the grey literature ?
- Which is its degree of openness ?
- What can be said about the different types of grey literature ?
- Which is the distribution among laboratories, universities, domains and disciplines ?

Methodology

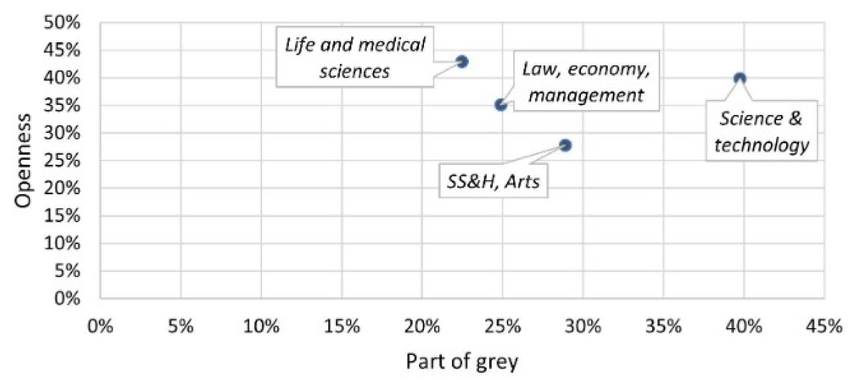
- **Sample :** 10 high-ranked French research universities with 1,272 laboratories
- **Corpus :** 1,035,612 deposits on HAL
- **Fields :** 4 domains and 10 disciplines
- **Deposits :** 26 document types
- **Analysis :** March 2020 and March 2021

Results

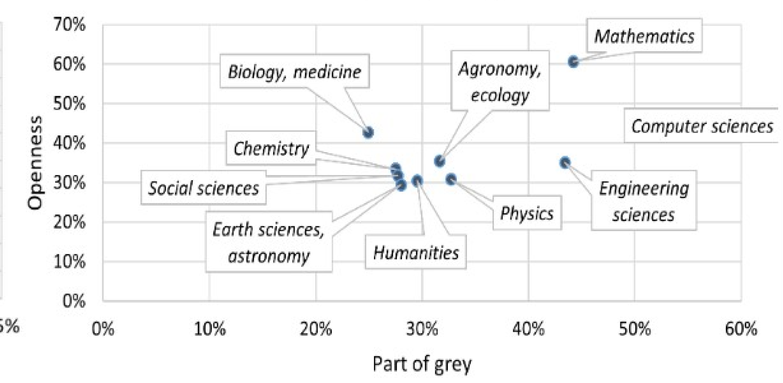
Part of grey literature 2021
N = 1,035,612 deposits



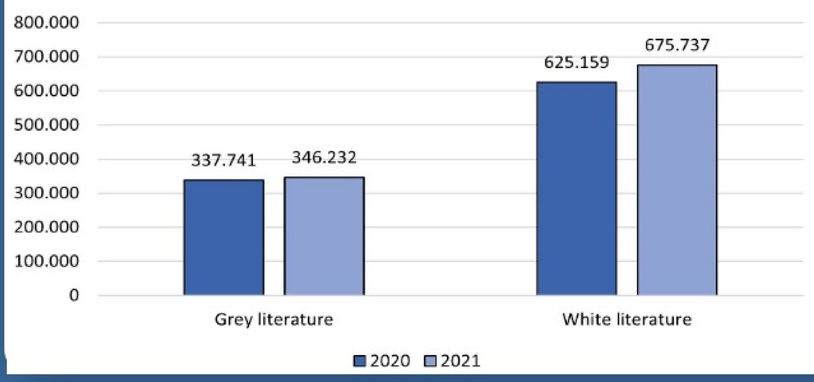
Domain-specific differences of grey literature
N = 346,232 (2021)



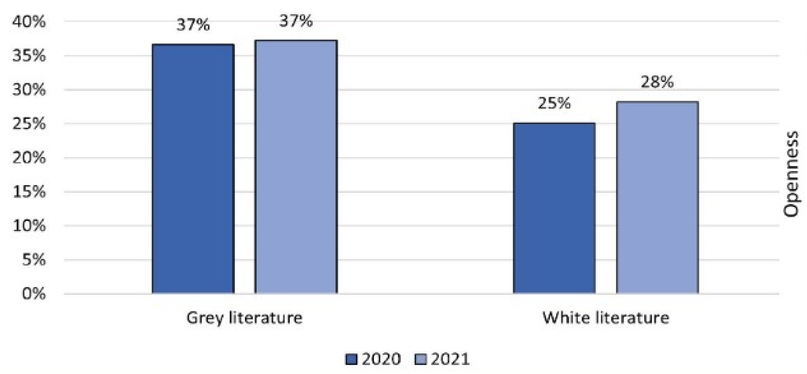
Disciplinary differences of grey literature
N = 346,232 (2021)



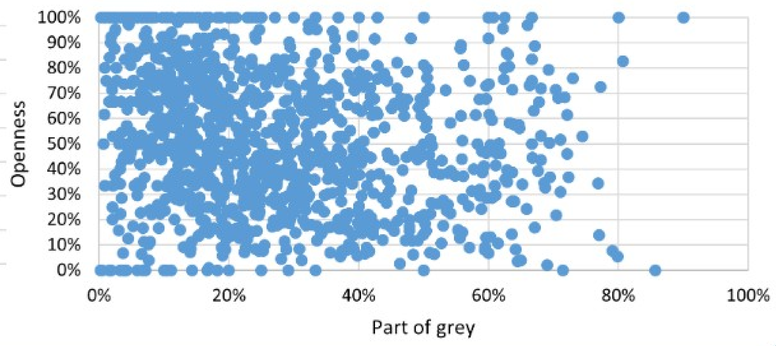
Annual increase 2020-2021



Degree of openness 2020-2021



Grey literature from research laboratorie
N = 1,182 laboratories



Conclusions

The scientometric analysis of a representative corpus of acacemic publications on HAL shows that
(1) One third of the academic publications are part of the grey literature.
(2) The accessibility (openness) of this literature is higher than of articles, chapters and books ("white").
(3) The annual increase of grey literature is lower than of the other publications.
(4) The accessibility of grey literature is growing, but at a slower pace than of articles, chapters and books ("white").
(5) Regarding grey literature, significant differences of accessibility and relative importance can be observed between scientific domains and disciplines.
(6) Significant differences can be observed between the research laboratories, but more research is needed for the identification of clusters and strategies.

Université de Lille
GériCO
Université Rennes 2
URFIST rennes
The project was funded by GIS Réseau URFIST.
GIS Réseau URFIST