



French Open Science Monitor

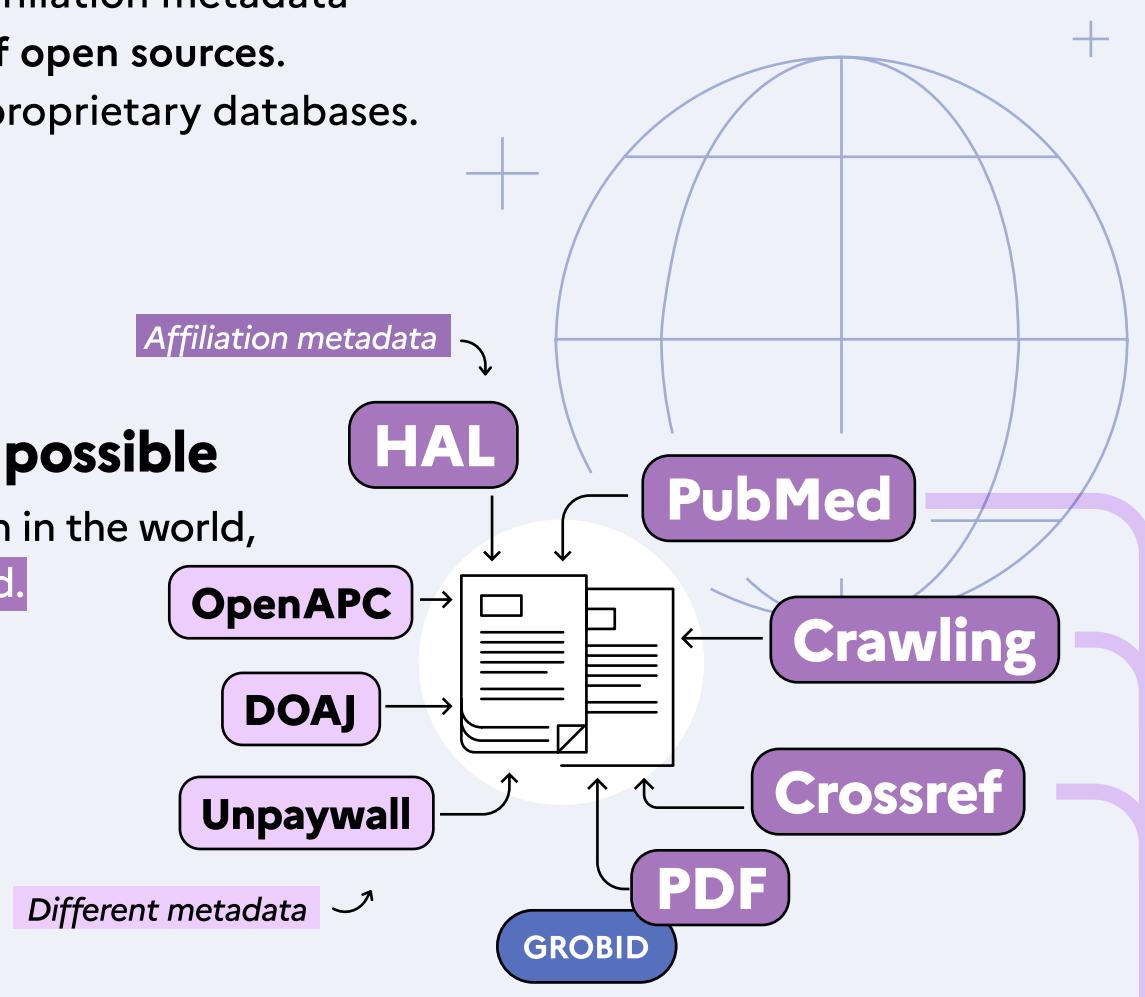
An unprecedented methodology for Publications

For each publication in the world, we have chosen to collect as much affiliation metadata as possible, using a variety of open sources. Our idiosyncrasy: no use of proprietary databases.

#1 Collect

as much metadata as possible

For each individual publication in the world, a variety of sources aggregated.



#2 Detect

the country of affiliation

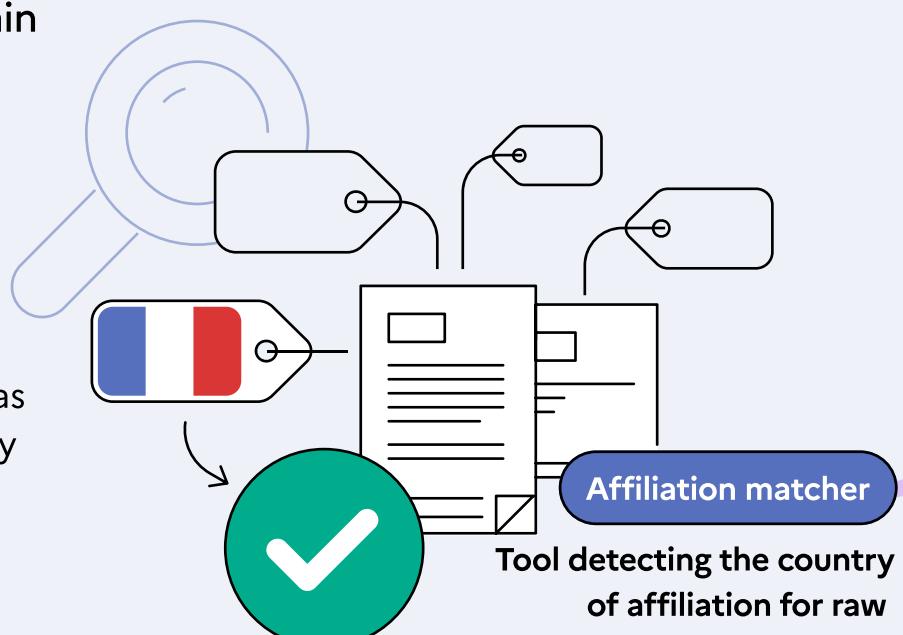
Publications are filtered to exclusively retain those with at least one French affiliation

Detection rate of french scientific publications



The Monitor's methodology has enabled to establish to this day the most comprehensive database for French publications in the world*.

60% for a worldwide standard tool, the Web of Science (WoS).



"Sorbonne Université, Paris" → France ✓

"Hotel Dieu de France, Beirut, Lebanon" → Liban ✗

Database of French scientific publications

170 000/year



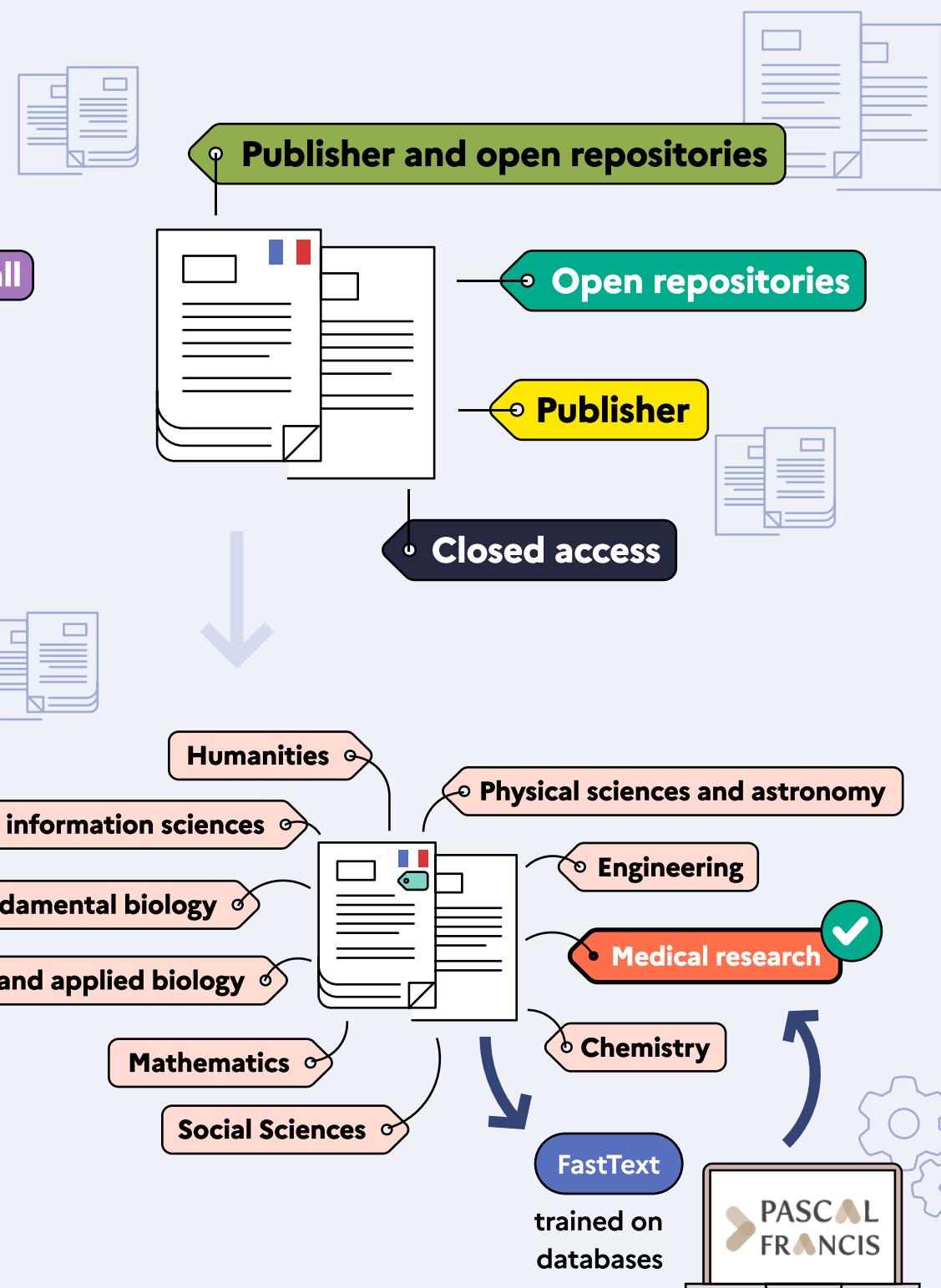
#3 Enhance... ...the opening status

For crossref DOI:

the information stems from [Unpaywall](#)

For publications in HAL (no DOI):

the information stems from [HAL](#)



#4 Share with the community all these aggregated and computed data

Datavizualisations on the Monitor's website...

frenchopensciencemonitor.esr.gouv.fr/

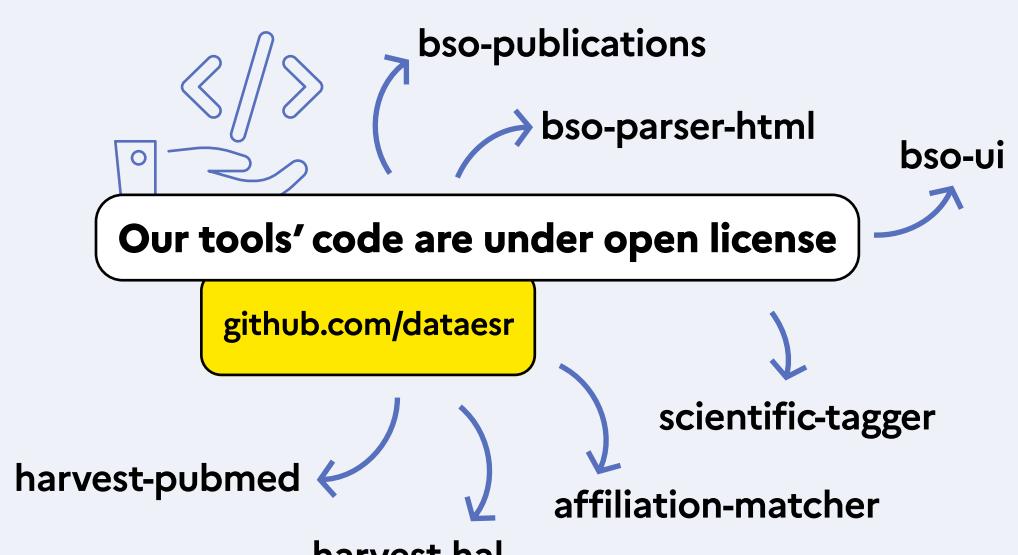
... and available on the open data portal of MESR

data.enseignementsup-recherche.gouv.fr

But also...

Local variations with Local monitors

barometredelascienceouverte.esr.gouv.fr/declinaisons/howto



* Lauranne Chaignon, Daniel Egret; Identifying scientific publications countrywide and measuring their open access: The case of the French Open Science Barometer (BSO). Quantitative Science Studies 2022; 3 (1): 18–36.
doi: doi.org/10.1162/qss_a_00179