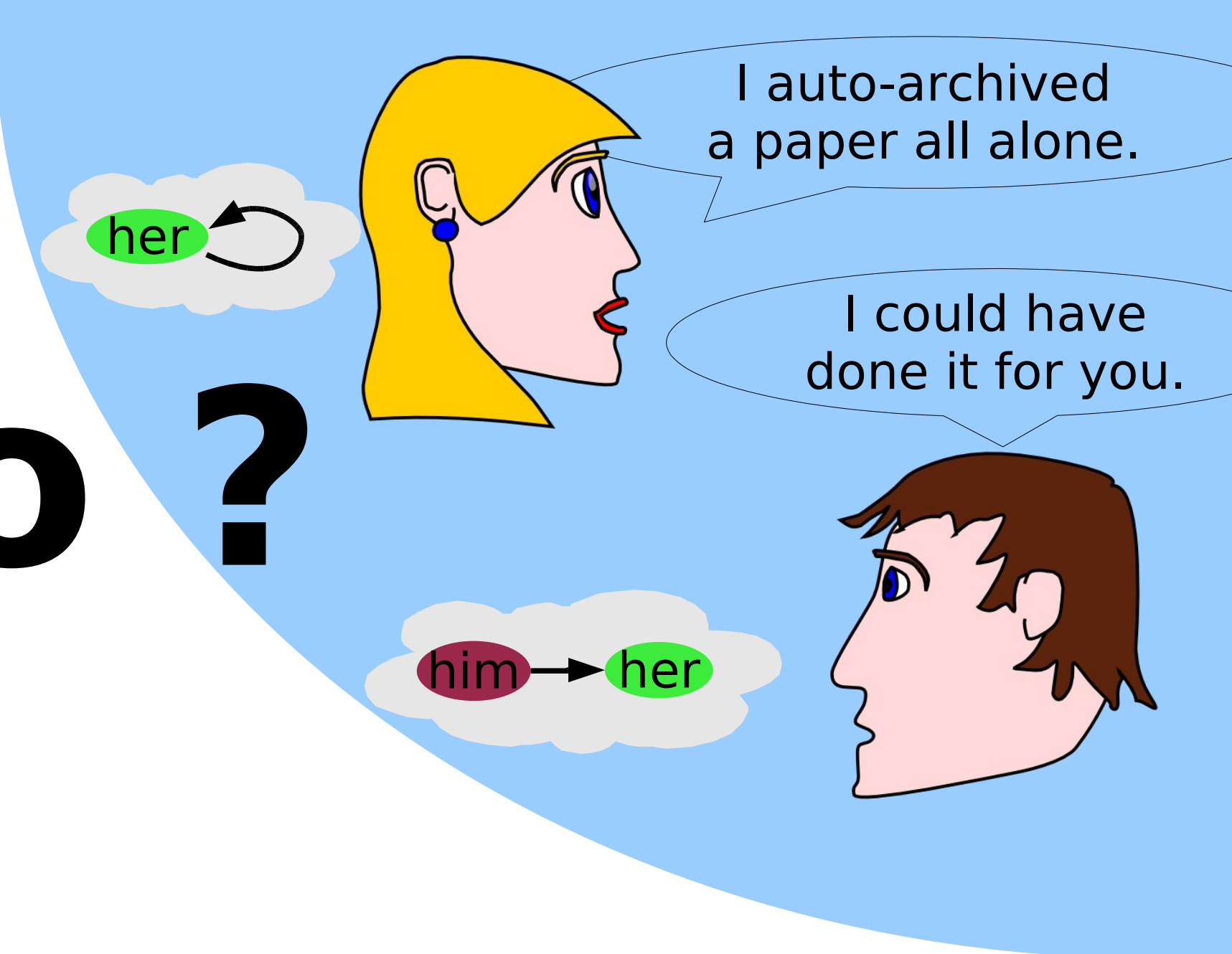


# Who archives who ?

Minh Ha-Duong  
CIRED

Eliane Daphy  
IIAC



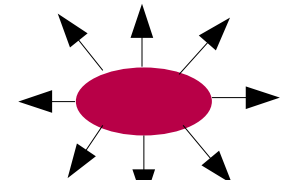
HAL-SHS is an institutional national open archive in France focused on humanities and social sciences. This graph shows the social network of its users. Topological analysis and face-to-face interviews suggest the few user archetypes shown left.

## Key to the graph

- Each **bubble** is a person.
- Arrows  $\nearrow$  show which person archived which author.
- A reflexive loop  $\curvearrowright$  shows auto-archival by the author.
- Authors from the same lab have the same colour.
- Non-authors persons are in **red**.

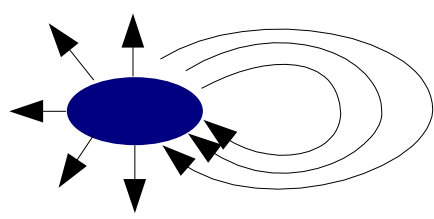
## Agent

Staff, not faculty  
Not the agent's decision  
Archives everybody but herself  
Type 1: promotes auto-archiving  
Type 2: centralized control



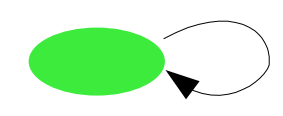
## Power-archiver

100% online...  
or on the way  
Archivangelist



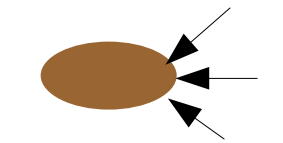
## Tester

Tried but not adopted  
... yet ?



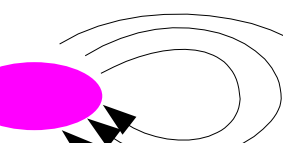
## Contributed

OK for open, not auto-archiving  
Enthusiastic seniors  
Mandate followers  
Sympathizers

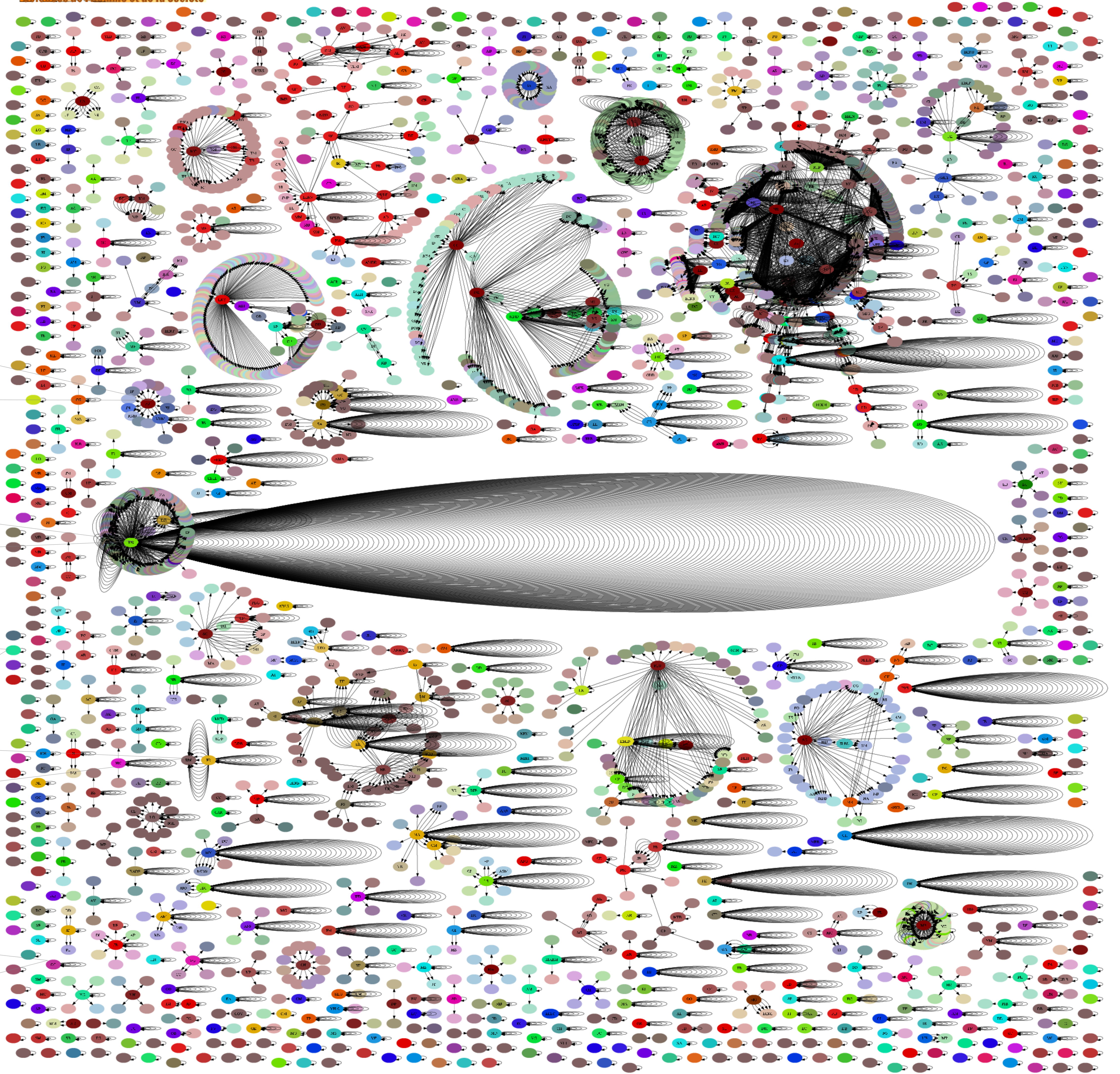


## Solo

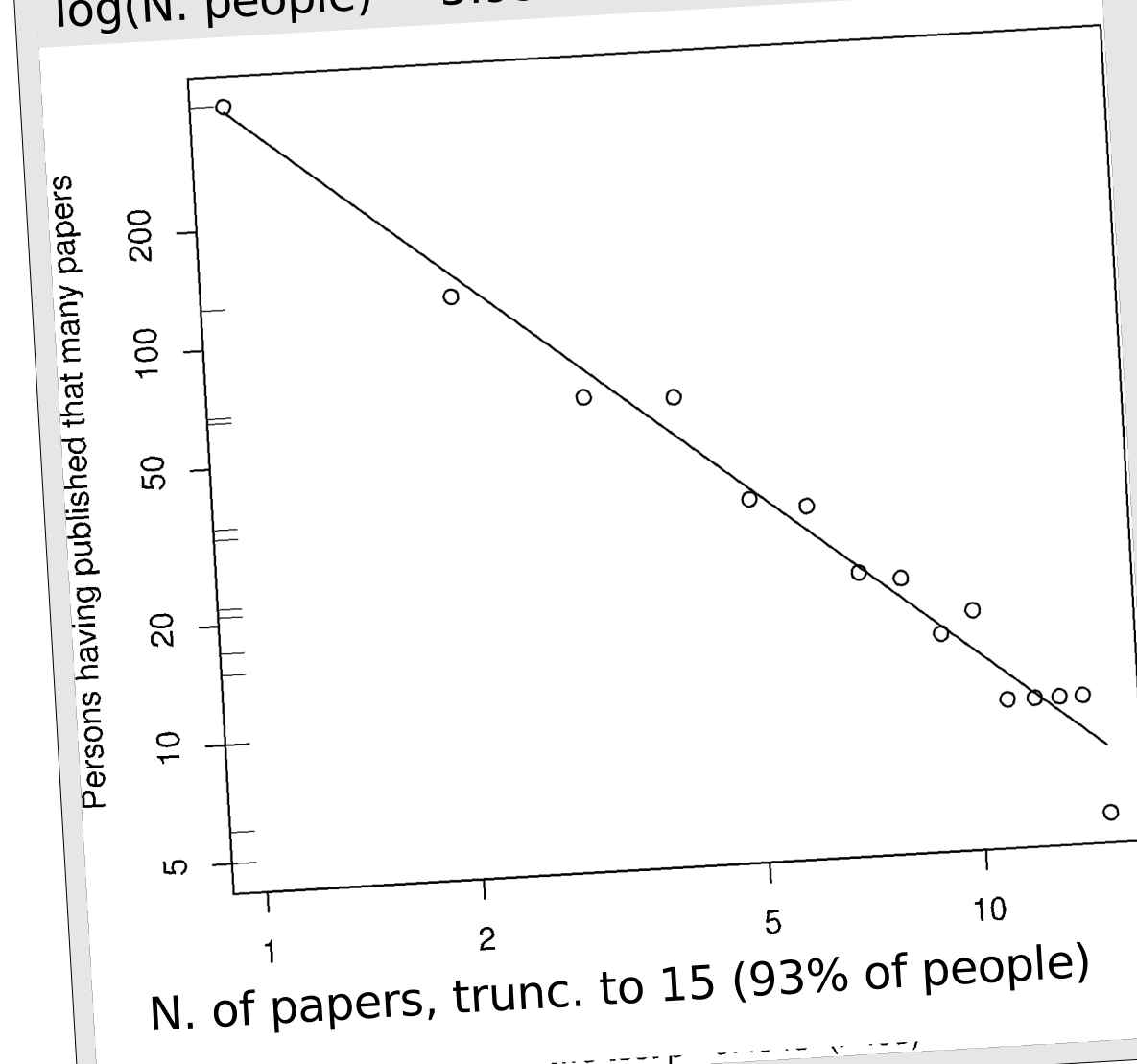
Single authorship  
Self-archiving



Open-access records only, harvested 2006-12-08 from halshs.archives-ouvertes.fr via OAI



Contributions per person (Zipf's law)  
 $\log(N. \text{ people}) = 5.99 - 1.47 \log(N. \text{ papers})$



- Hetero-archiving is as important as auto-archiving.
- Diffusion from user to user seems low: disconnected graph, many isolates, short paths, low reciprocity.
- Ethnographic fieldwork shows that diffusion still relies mostly on intradisciplinary personal affinity networks rather than on institutional academic incitations or lab strategies.

Snapshots every 6 months. Includes the Institut Jean Nicod archive merged with HAL-SHS in 2006/1.

