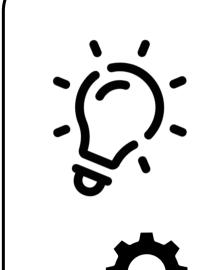
# Automatic Discovery of Artifacts in Cybersecurity Literature

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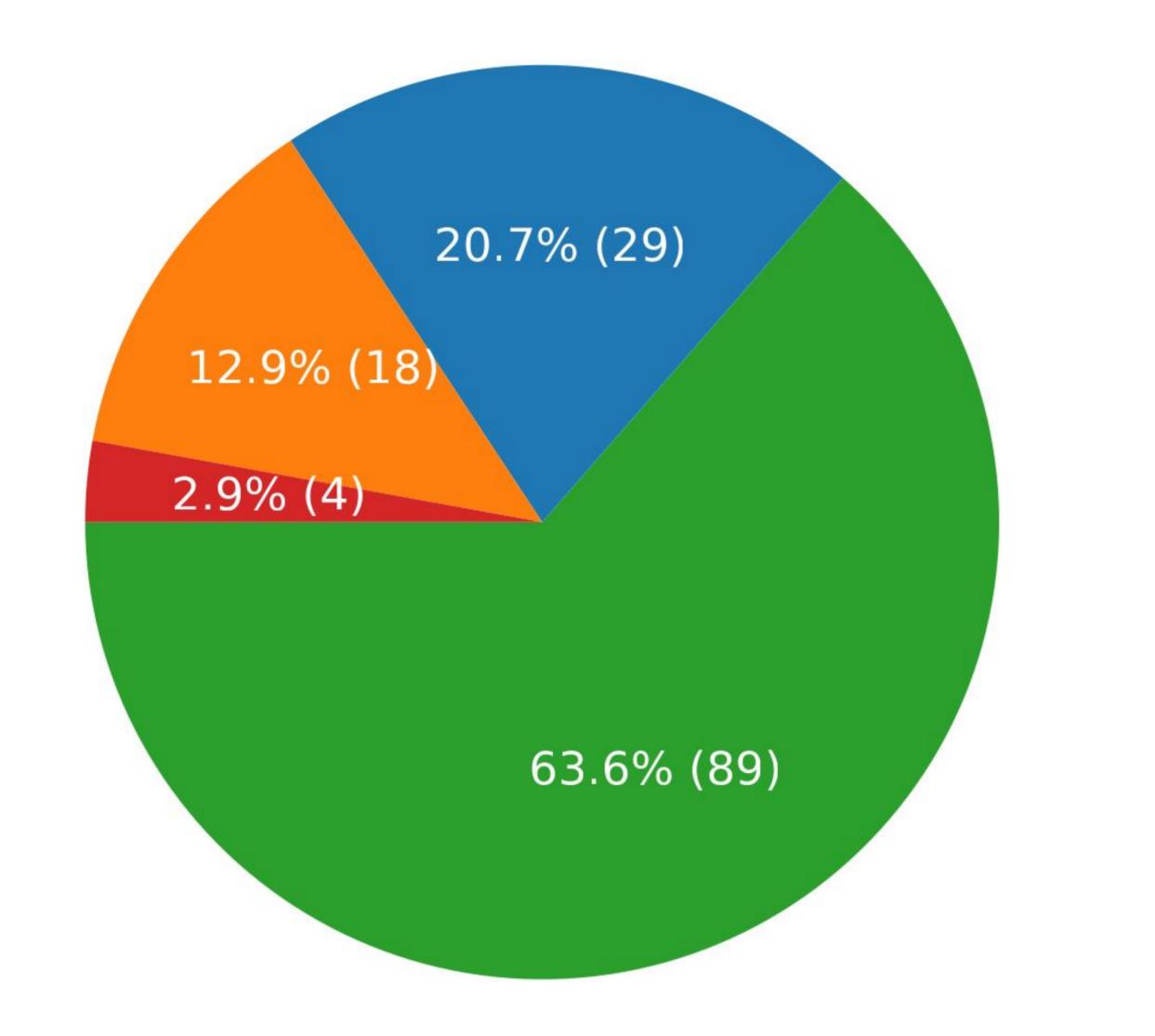
#### Goal:

- Automatically discover artifacts in papers
- Check artifact availability

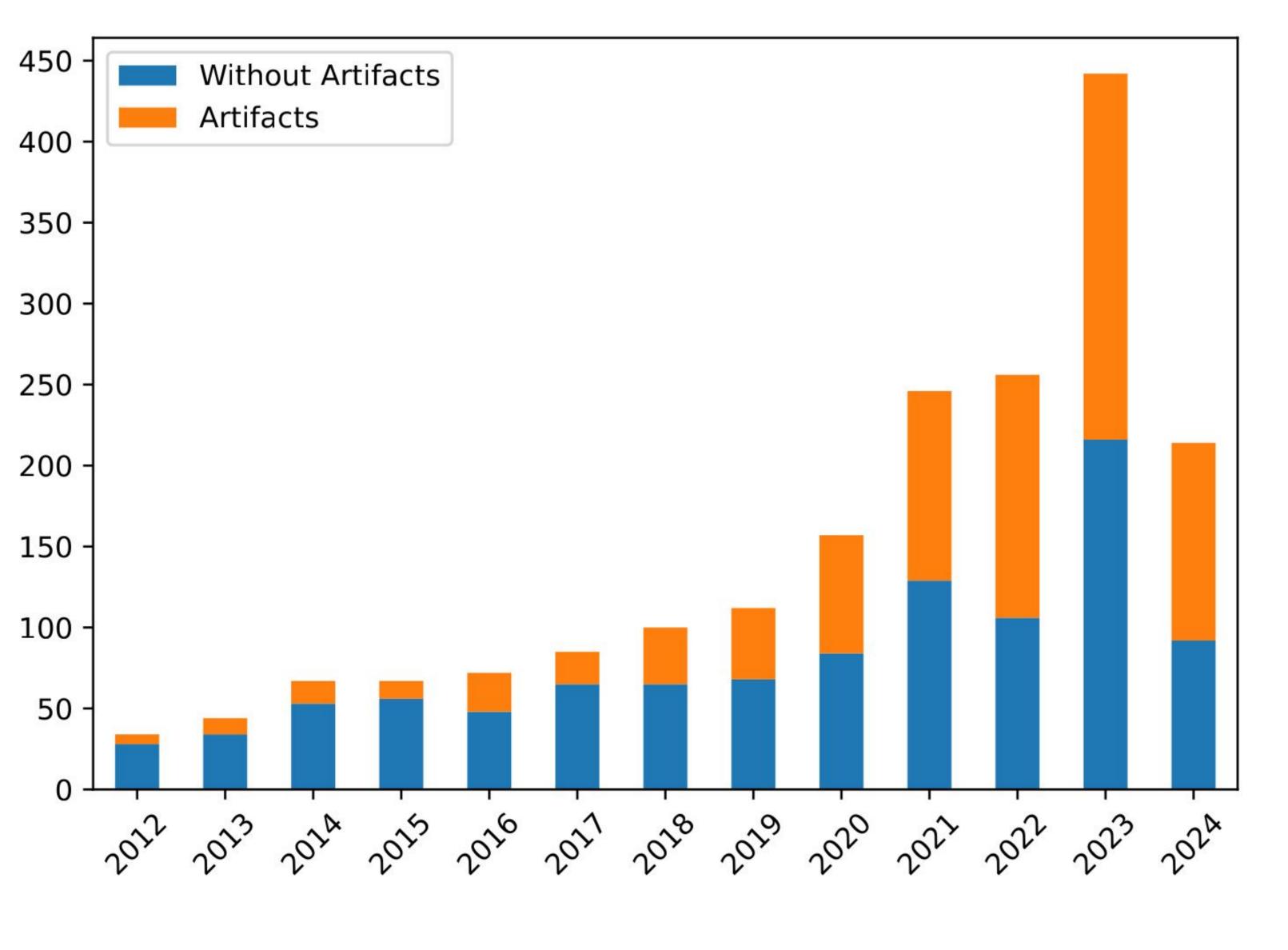
#### Steps:

Scrape PDFs → parse → candidate URLs

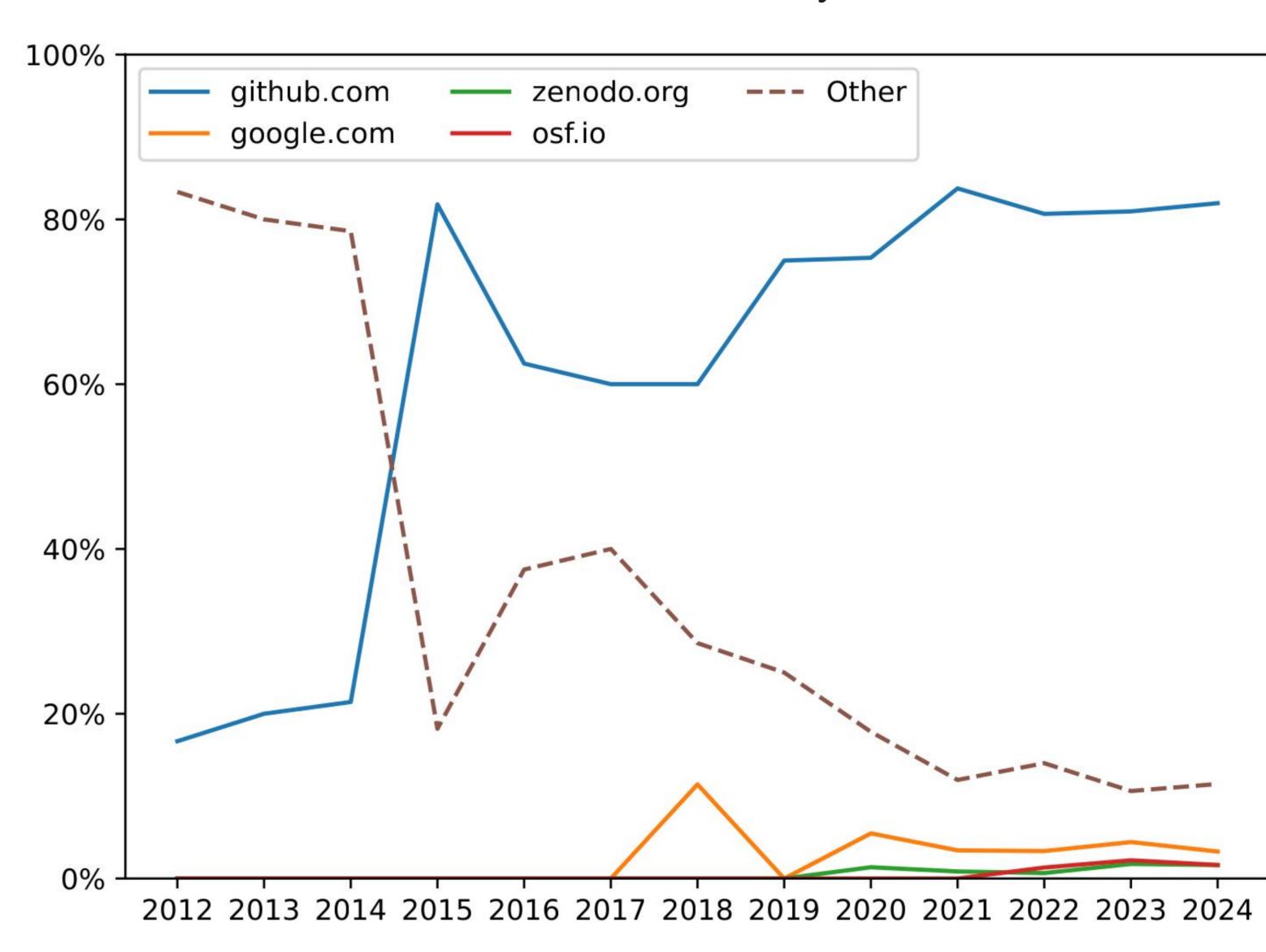
# Detection rate of our tool. Green: exact match, Blue: alternative link, Orange: link missing or unavailable, Red: link not detected



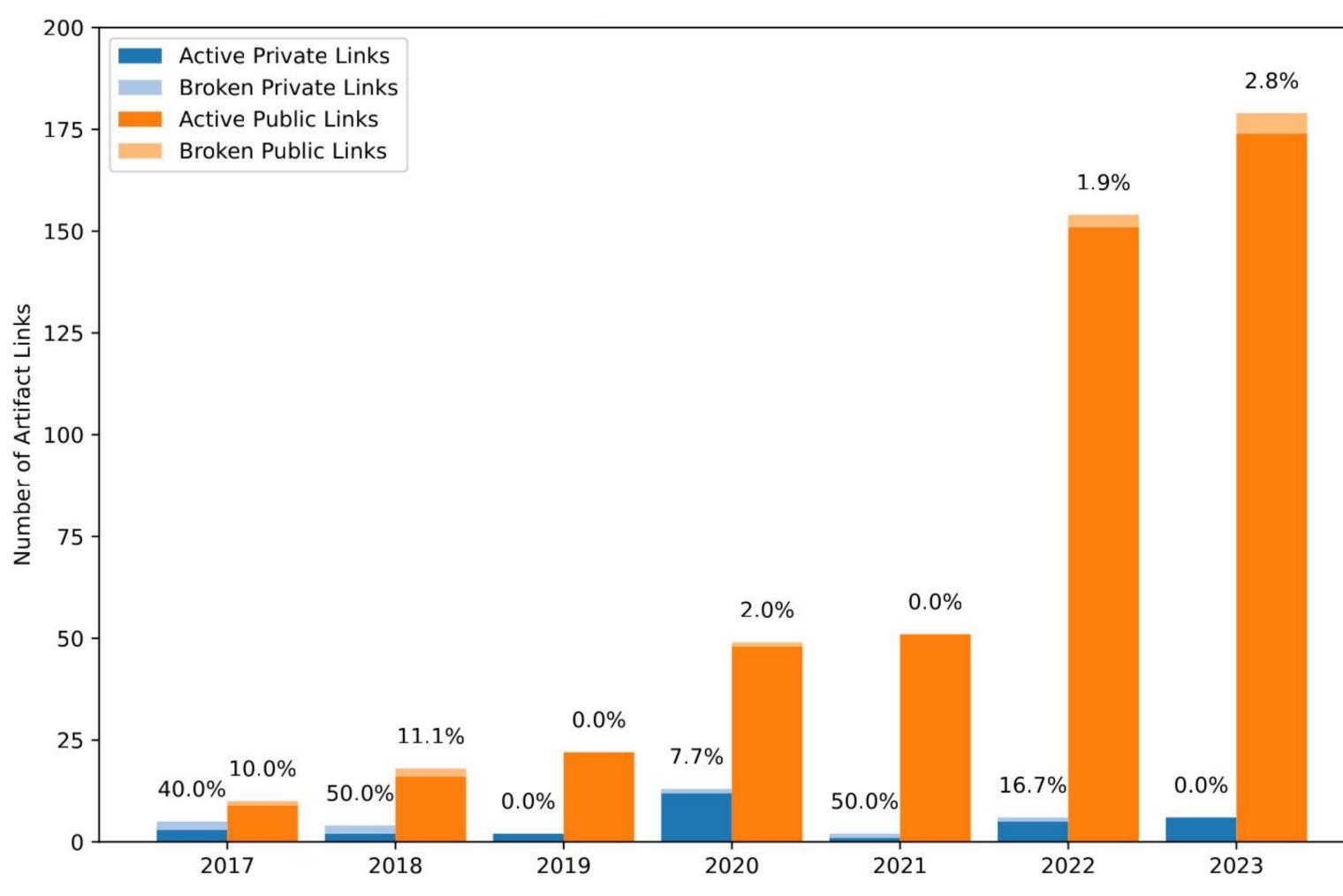
#### USENIX Security papers with and without linked artifacts



### Share of **hosting platforms** used for artifacts at USENIX Security



## Availability of artifact links hosted on **public services** and **private** (personal, institutional) websites



#### **Future work:**

- Investigating recent trends: mandatory artifacts, stable archiving
- Comparison to other CS fields
- More historical analysis, data repository
- Comparison with other tools (LLMs)