Reliability and perception of open metrics

**FINDINGS I - USAGE OF SOCIAL MEDIA PLATFORMS**

Users of different career stages:
- Select different platforms for communication
- Use different functions on the same platform

**BEHAVIOUR ON SOCIAL MEDIA PLATFORMS IS COMPLEX AND DIVERSE WHICH PROHIBITS SIMPLE AGGREGATIONS**

**RECOMMENDATIONS I**

Check for applicability:
- Select platforms depending on user behaviour and weight functions according to exhibited patterns
- Avoid simple one-dimensional metrics and check aggregations for their validity

**FINDINGS II - USE AND CONCERNS TOWARDS METRICS**

Alternative metrics are:
- Not yet widely known among researchers
- Used with considerable caution

**HELP RESEARCHERS BECOME METRIC-WISE**

**RECOMMENDATIONS II**

To gain trust and acceptance by researchers:
- Provide context and greater openness
- Explain application areas, strengths and limitations

**FINDINGS III - TECHNICAL CHALLENGES**

Occurrences on platforms difficult to identify:
- Different habits of identifying papers
- Inconsistent or no use of identifier systems

**QUALITY VARIES WITH DATA SOURCES**

**RECOMMENDATIONS III**

- Develop standardizations in altmetric „citations“
- Promote use of identifiers

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Software: https://github.com/gbv/metrics-crawler
Web: http://explore.metrics.gbv.de/
API: http://api.metrics.gbv.de/v1/work/doi?v={doi}