SciELO 20 Years

September 26–28, 2018

Come to where quality, innovation and Open Access flourish

www.SciELO20.org
SciELO promotion of research data referencing policies by journals

Abel L Packer
SciELO / FAPESP Program, Director

Open Science / Open Data: Challenges and Best Practices in Scientific Data Management
FAPESP, 20 September 2018
SciELO Program – improvement of journals published nationally

20 years, aiming at maximize journals’ visibility, impact and credibility, open access

2018: 290 journals, 21k new articles per year, 370k docs total, ~850k accesses and downloads per day

adopted by 16 countries, ~1200 journals, about 50k new docs per year, ~800k docs total

journal collection development via indexing policies and criteria and priority lines of action

2018-2020 – transition to open science: preprints, research data management, open peer review
TOP – transparency standards

1 Citation
2, 3, 4 Data, Analytic Methods (Code), and Research Materials Transparency
5 Design and Analysis Transparency
6 Preregistration of Studies
7 Preregistration of Analysis Plans
8 Replication

https://bit.ly/2PMMGxc

Levels of transparency
1. disclose
2. require
3. verify

SciELO Program Implementation Standards 1-4

level 1 by end of 2019
level 2 by end of 2020

Findable: Data and metadata are easy to find by both humans and computers.

Accessible: Limitations on the use of data, and protocols for querying or copying data are made explicit for both humans and machines.

Interoperable: The computer can interpret the data, so that they can be automatically combined with other data.

Reusable: Data and metadata are sufficiently well described for both humans and computers, so that they can be replicated or combined in future research.