A Review of Journal Policies for Sharing Research Data across Disciplines

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METHODS
Select 18 categories × 10 journals
(exclude review journals)

Biological Sciences - 5 categories
Medical Sciences - 4 categories

Review 180 high IF journals’ policies
Data Sharing Policy
Supplemental Materials “Data” Policy

Data Sharing Policies across Disciplines

Classify 5 ranks
1. required - condition
2. required - should, must
3. encouraged, recommended
4. accept, possible to include, can submit
5. (no mention)

CONCLUSION
✓ Most of the sub-disciplines in Biological Sciences received high points, whereas in Medical Sciences the points varied among respective disciplines.
✓ Among the low point subject areas (under 3.0 pt), supplemental material policies were numerically stronger than data sharing policies.
✓ There was a significant non-correlation between data sharing policy and impact factor, $0.529 (\alpha =0.05)$.
✓ All 13 of the Open Access journals had data sharing policies similar to previous research.

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