

materialstoday

Connecting the materials community

##

On acceptance of your article, would you be willing to upload and share your experimental/computational data? *Here, we are referring to raw data as collected from the apparatus.*

YES – for every paper I publish	49 %
For 75 % of papers I publish	12 %
For 50 % of papers I publish	12 %
For 25 % of papers I publish	2 %
Only occasionally	19 %
Never	5 %

Would you be willing to upload additional explanatory notes (in a standardized form)?

Yes	87 %
No	13 %

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On acceptance of your article, would you be willing to upload and share your experimental/computational data? *Here, we are referring to data after basic corrections, such as for systematic errors and normalization, etc.*

YES – for every paper I publish	52 %
For 75 % of papers I publish	13 %
For 50 % of papers I publish	11 %
For 25 % of papers I publish	2 %
Only occasionally	17 %
Never	5 %

Would you be willing to upload additional explanatory notes (in a standardized form)?

Yes	88 %
No	12 %

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On acceptance of your article, would you be willing to upload and share your experimental/computational data? *Here we are referring to data explicitly published in figures as part of your manuscript.*

YES – for every paper I publish	61 %
For 75 % of papers I publish	10 %
For 50 % of papers I publish	7 %
For 25 % of papers I publish	3 %
Only occasionally	15 %
Never	4 %

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Would you be willing to upload additional explanatory notes (in a standardized form)?

Yes	88 %
No	12 %

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If you were to share your data, what permissions would you require potential users to respect?

1. Users should inform the corresponding author of the original study should they wish to use the data in their own publication – the corresponding author should have the right to refuse use of their data. 50 %
2. Users should inform the corresponding author of the original study should they wish to use the data in their own publication – the corresponding author should have no right to refuse as long as the data/article is properly cited. 28 %
3. Users should be free to use the data however they wish, including republishing, without informing the corresponding author of the original study – however the data should be properly cited. 21 %

#####

If you could access experimental/computational data from other researchers, would you use it (assuming this information was available for all past, present and future papers)? *Here, we are referring to raw data as collected from the apparatus.*

YES – I would download multiple datasets a week	21 %
I would download/use one dataset a week	12 %
I would download/use one dataset a month	30 %
I would download/use one dataset a year	20 %
I would never download/use this kind of data	16 %

##

If you could access experimental/computational data from other researchers, would you use it (assuming this information was available for all past, present and future papers)? *Here, we are referring to data after basic corrections, such as for systematic errors and normalization, etc.*

YES – I would download multiple datasets a week	20 %
I would download/use one dataset a week	12 %
I would download/use one dataset a month	28 %
I would download/use one dataset a year	23 %
I would never download/use this kind of data	17 %

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If you could access analyzed datasets (as published in manuscripts by other authors), would you use them (assuming this information was available for all past, present and future papers)? *Here we are referring to data explicitly published in figures as part of your manuscript.*

YES – I would download multiple datasets a week	21 %
I would download/use one dataset a week	12 %
I would download/use one dataset a month	30 %
I would download/use one dataset a year	23 %
I would never download/use this kind of data	14 %

##

If you were to use other researchers' data in your own publication, what permissions would you be willing to follow?

1. I would be willing to inform the corresponding author of the original study of my intention to use the data in a publication – the corresponding author should have the right to refuse use of their data. 22 %
2. I would be willing to inform the corresponding author of the original study of my intention to use the data in a publication – the corresponding author should have no right to refuse as long as the data/article is properly cited. 49 %
3. I should be free to use the data however I wish, without informing the corresponding author of the original study – however I would ensure I cited the data/article correctly. 28 %