



Welcome to the survey "Data Sharing in Academia"

Data privacy statement: Your participation in this survey is voluntary and your responses will be saved in anonymous form. No record is kept of any names or addresses. The data will be provided initially to the researchers involved for their own analysis and after approximately one year will be made available for secondary use by the academic research community under strict adherence to the legal data protection provisions applying to the Research Data Center of the Socio-Economic Panel (SOEP).

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Section A: Arbeitskontext

A1. What is your current occupational status?

- | | | |
|--|------------------------------------|--------------------------|
| | Student | <input type="checkbox"/> |
| | Doctoral/PhD student | <input type="checkbox"/> |
| | Researcher (without doctorate/PhD) | <input type="checkbox"/> |
| | Researcher (with doctorate/PhD) | <input type="checkbox"/> |
| | Professor | <input type="checkbox"/> |
| | Sonstiges | <input type="checkbox"/> |

Sonstiges

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A2. How long have you been working in research?



A3. Who is your main employer?

- University
- Association
- Association)
- Sonstiges

Sonstiges

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A4. Which country or region do you work in primarily?

Germany	<input type="checkbox"/>
Europe (other than Germany)	<input type="checkbox"/>
North America	<input type="checkbox"/>
Central and South America	<input type="checkbox"/>
Australia / Oceania	<input type="checkbox"/>
Asia	<input type="checkbox"/>
Africa	<input type="checkbox"/>

Section B: Research practice and handling of data

The following questions refer to your research practice and the nature of the data that you work with.

B1. Which of the following would you describe as your main area of research?

Human medicine/health sciences	<input type="checkbox"/>
Mathematics, natural sciences	<input type="checkbox"/>
Engineering	<input type="checkbox"/>
Law, economics, social sciences	<input type="checkbox"/>
Linguistics, cultural studies	<input type="checkbox"/>
Arts	<input type="checkbox"/>
Agricultural science, forest science, nutritional science	<input type="checkbox"/>
Sports	<input type="checkbox"/>
Veterinary medicine	<input type="checkbox"/>
Sonstiges	<input type="checkbox"/>

Sonstiges

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B2. Please specify your research area.

.....

B3. What percentage of your working time do you spend on data collection and data preparation for an average research project?

B4. What percentage of your working time do you spend on data documentation for an average research project?

B5. When you publish articles, how important are the following criteria to you?

B6. Which of the following characteristics describe the data that you work with?

The data are...

structured (quantitative) data (e.g. datasets from surveys or experiments).

unstructured (qualitative) data (e.g. text analyses or narrative interviews).

A horizontal dotted line with six square boxes attached to it at regular intervals. The boxes are arranged in a sequence: box, dotted line, box, dotted line, box, dotted line, box.

sensitive data (e.g. due to data protection regulations or patents).

A horizontal dotted line with six empty square boxes for drawing.

B7. To what extent do you agree with the following statements?

Researchers should generally publish their data.

I have more disadvantages than advantages when I share my data with others.

A horizontal dotted line with six empty square boxes attached to it, spaced evenly apart.

It is common in my discipline / research community to share data.

A horizontal dotted line with six empty square boxes attached to it, spaced evenly apart.

I know where and how I can find relevant secondary data for my work.

A horizontal dotted line with six empty square boxes attached to it, spaced evenly apart.

I know where and how I can make data that I collected available to others.

A horizontal dotted line with six empty square boxes placed at regular intervals along it.

It deters me from publishing when a journal requires the publication of my data.

A horizontal sequence of six empty square boxes arranged in a row. Each box is connected to its neighbors by dashed lines, forming a chain-like structure.



Section E: Sharing in general

The following part is about data that you collected yourself and that you have the right to share with others. These may be primary data that you collected, but they could also be secondary data that you prepared.

E1. Which materials would you be willing to share with other researchers?

	Does not apply at all 1	2	3	4	Applies completely 5	Don't know
Raw data, as they were collected	<input type="checkbox"/>					
Survey design (e.g. questionnaire or experimental set-up)	<input type="checkbox"/>					
Prepared data	<input type="checkbox"/>					
Data documentation (metadata)	<input type="checkbox"/>					
Analysis scripts	<input type="checkbox"/>					
Code/software	<input type="checkbox"/>					

E2. Under what conditions would you share your research data?

Unconditionally	<input type="checkbox"/>
On demand	<input type="checkbox"/>
Based on a specific use agreement	<input type="checkbox"/>
Not at all	<input type="checkbox"/>

E3. Who would you be willing to share your data with?

With researchers who I know personally	<input type="checkbox"/>
With researchers within my research institute or my organisation	<input type="checkbox"/>
With researchers who work on similar topics	<input type="checkbox"/>
With all non-commercial researchers	<input type="checkbox"/>
With commercial researchers	<input type="checkbox"/>
With the public	<input type="checkbox"/>

E4. Please think about an average research project. How much time would you invest to make your data available to others?

None	<input type="checkbox"/>
Less than 4 hours	<input type="checkbox"/>
4 hours to 1 day	<input type="checkbox"/>
1 day to 1 week	<input type="checkbox"/>
More than a week	<input type="checkbox"/>



E5. Have you ever shared your research data with others?

Yes, with researchers who I know personally

Yes, with researchers within my institute or my organisation

Yes, with researchers who work on similar topics

Yes, with all non-commercial researchers

Yes, with commercial researchers

Yes, with the public

No

Section F: Using secondary data

The following questions refer to data that you use but did not collect yourself (secondary data).

F1. Have you ever used secondary data?

Yes

No

F2. When using secondary data, I find it important ...

Does not apply at all	1	2	3	4	5	Applies completely	Don't know
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that the data come from a reliable person or organization.

The diagram consists of six identical rectangular bars placed side-by-side in a horizontal row. A single, thin, dashed horizontal line is drawn across the entire width of the bars, positioned exactly halfway up their height.

that relevant articles have already been published with the data

A horizontal dotted line with six empty square boxes attached to it, spaced evenly apart.

that the data collection is documented comprehensively.

A diagram consisting of six identical white rectangular blocks arranged in a horizontal row. A single, thin, dashed horizontal line extends across the entire width of the blocks, positioned approximately halfway up their height.

that the data are easy to use for me.

A horizontal row of six identical white rectangular blocks. A thin dashed horizontal line is drawn across the entire width of the row, intersecting the center of each block.

that there is a contact person available for questions.

Figure 10. A schematic diagram showing the periodic structure of the Fe_3O_4 nanowires.

F3. Is there anything else that is important to you when you use secondary data?

Secondary Data

F4. What would you like to do with secondary data?

Does not apply at all	2	3	4	5	Applies completely	Don't know
1						

Use them for (my own) original research questions

The diagram consists of six identical vertical rectangles placed side-by-side. They are all the same width and height. A horizontal dashed line extends across the entire width of the rectangles, positioned exactly halfway between the top and bottom edges of the rectangles.

Use them to replicate and verify research findings

A diagram consisting of six identical vertical rectangles arranged side-by-side. A horizontal dashed line extends across the entire width of the rectangles, positioned exactly halfway between the top and bottom edges of the rectangles.



F5. Which additional information about the datasets (metadata) do you expect to be given when working with secondary data?

F6. Do you expect any additional information (metadata) when using secondary data?

.....

F7. Do you have any suggestions for how the publication and use of research data could be facilitated and fostered in your research community?

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Section G: Social demographics

Thank you for answering our questionnaire. What follows is the last set of questions. We know from prior research that the personal attitude influences data sharing behavior. That is why we would like to ask you a couple of personal questions to finalize this survey. There is no right or wrong way to answer these questions. We only encourage you to answer them honestly from your personal point of view. Again we would like to emphasize that your contribution is completely voluntary. (Feel free to skip the last questions and jump straight to the end of the questionnaire if you don't want to answer.) Please be reminded, that all answers are anonymized. Thank you for your kind contribution!

G1. Please state your gender.

Female
Male

G2. How old are you?

G3. Do you have children?

Yes
No



G4. Please indicate how well the following statements describe you.

I am...

G5. Please indicate how much you agree or disagree with each of the following statements (from “1” = strongly disagree to “5” = strongly agree).



Strongly
disagree 1 2 3 4 Strongly
agree 5 Don't
know

I enjoy having control over other people.

The only good reason to talk to others is to get information that I can use to my benefit.

If I show any weakness at work, other people will take advantage of it.

I enjoy being able to control the situation.

I have occasionally talked badly about other people or thought badly of them.

G6. {rand(1,2)}

G7. How would you describe yourself: as an impatient or a patient person in general?

Very
impatient
1 2 3 4 Very
patient
5

.....

G8. How would you describe yourself: as an impatient or a patient person in general?

Very
impatient
0 1 2 3 4 5 6 7 8 9 Very
patient
10

.....

G9. How would you describe yourself: as someone who tries to avoid risks (risk-averse) or as someone who is willing to take risks (risk-prone)?

Risk-
averse
1 2 3 4 Risk-
prone
5

.....

G10. How would you describe yourself: as someone who tries to avoid risks (risk-averse) or as someone who is willing to take risks (risk-prone)?

Risk-
averse
0 1 2 3 4 5 6 7 8 9 Risk-
prone
10

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The questionnaire is complete. Thank you for your participation.