

Consent
(2212)
Please, check the box to consent and participate in the survey. (44388) Type: (M/multiple-opt)
I agree to take part in the survey. (44395)

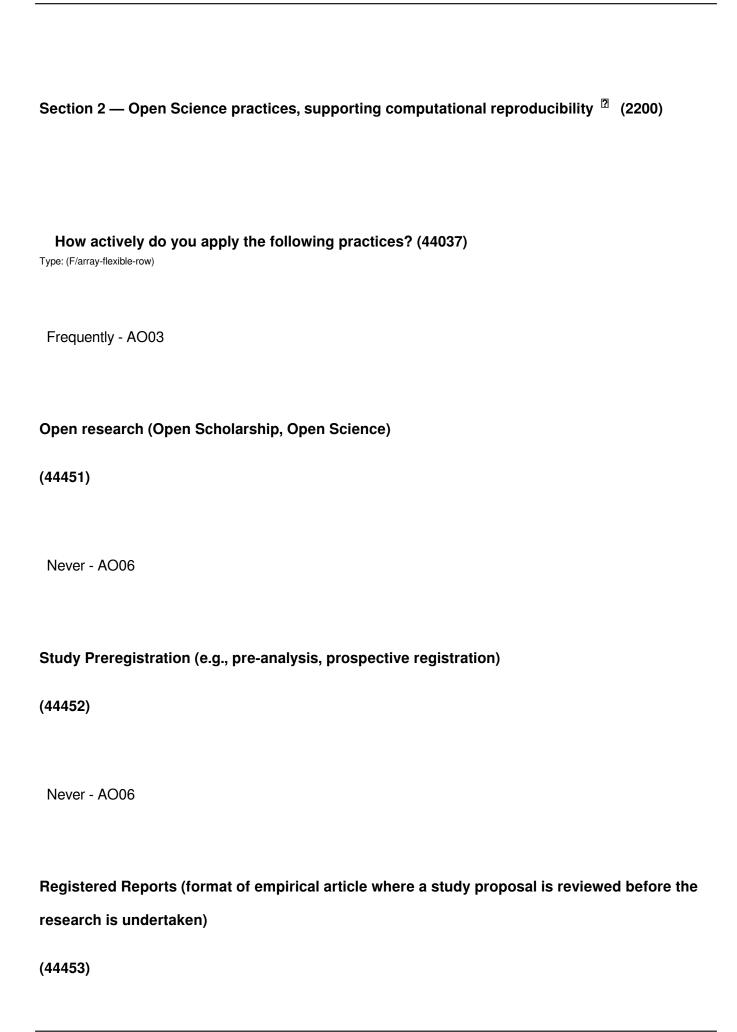
Section 1 — Demographic Questions (2199)
How would you best describe your institution? (44036) Type: (L/list-radio)
Research institute (or research center)
AO03
What is your field of research?
(44155) Type: (L/list-radio)
Social sciences 2
AO06

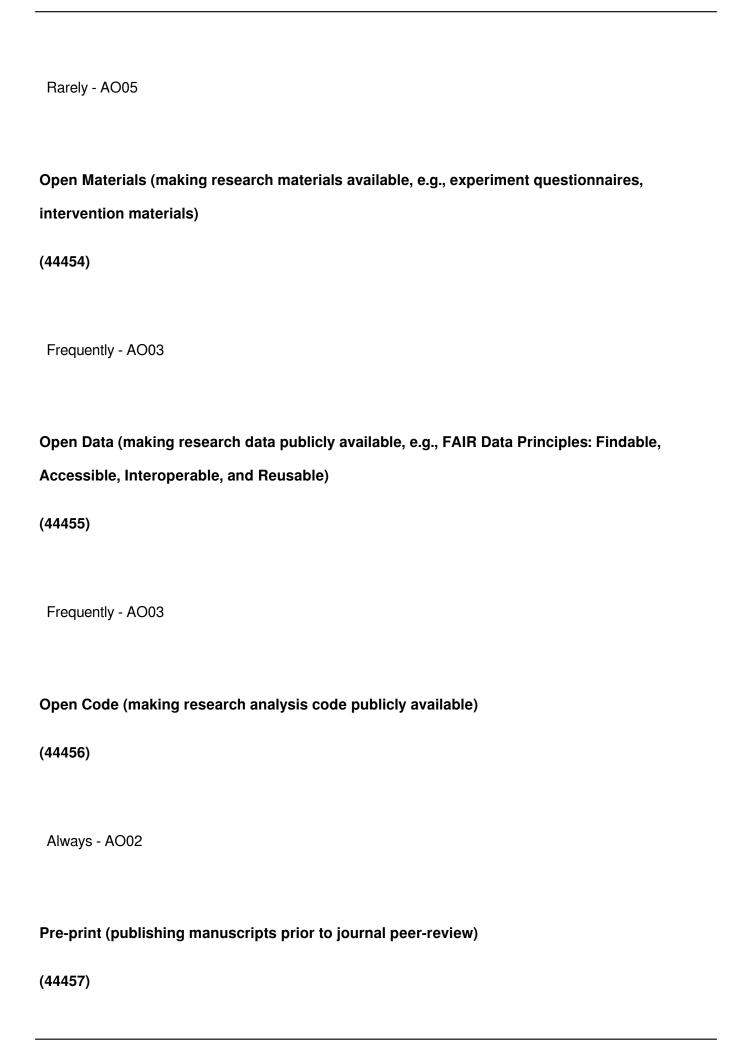
In which country does your primary university/institution operate? (44077) Type: (!/list-dropdown)
AO66 - Germany
In the context of science and computational reproducibility (2), which of the following best describes your role or interest? (44184) Type: (L/list-radio)
Researchers and Academics AO02
Which career stage best describes your position? (44185) Type: (L/list-radio)
Recognized Researcher - PhD holders or equivalent who are not yet fully independent AO04

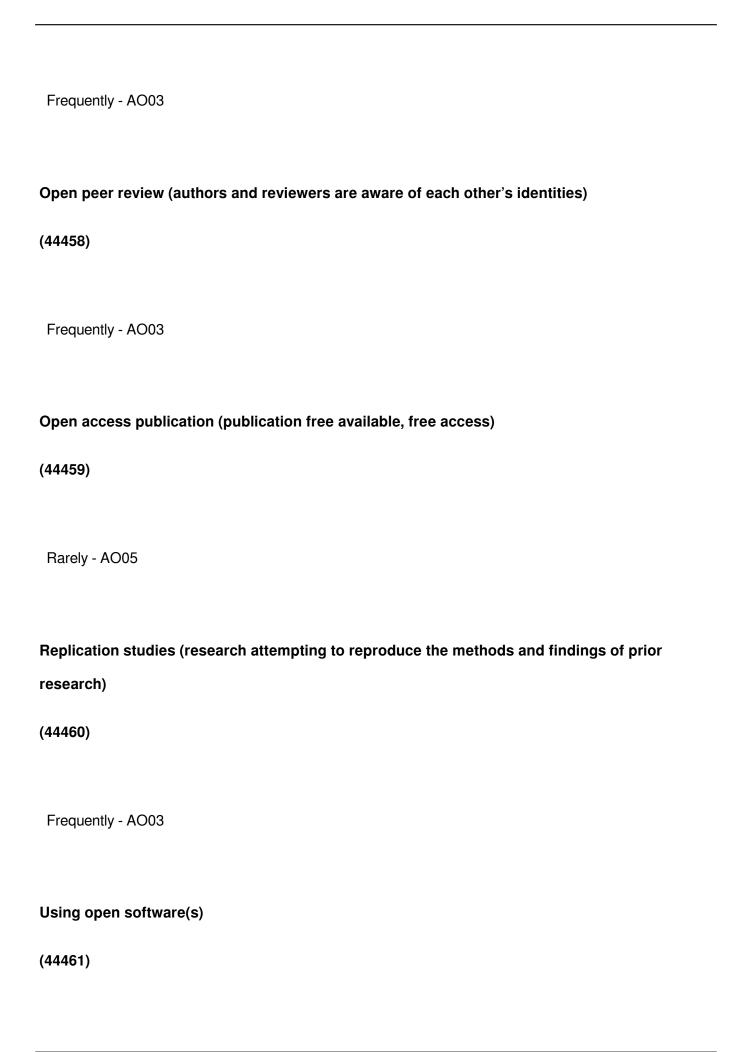
How many years have you worked in research? (44186)

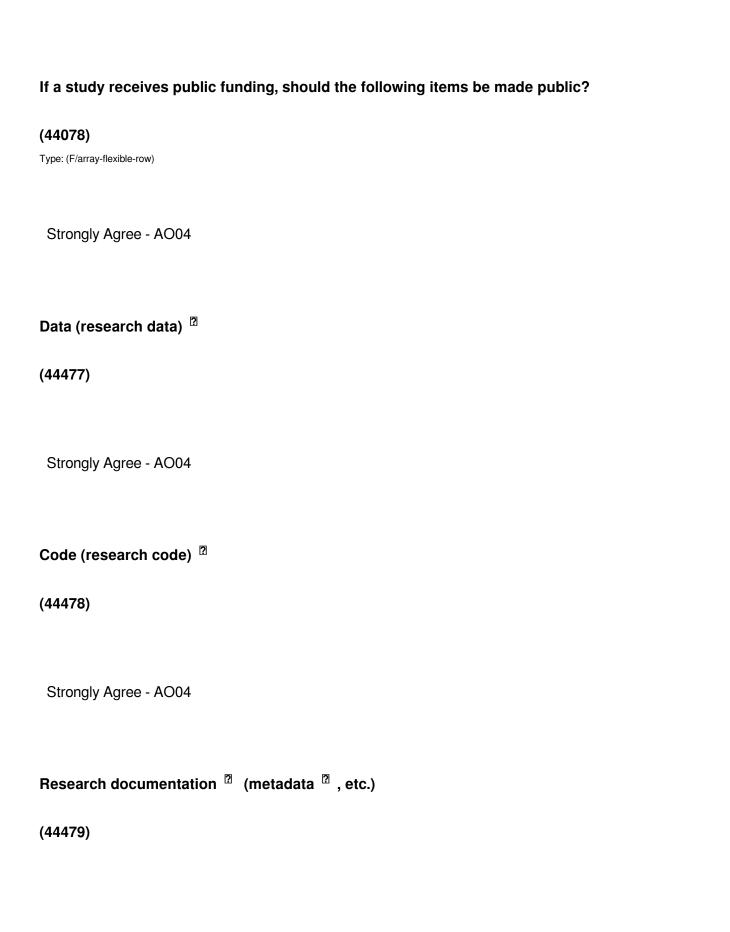
Type: (!/list-dropdown)

AO11 - 10



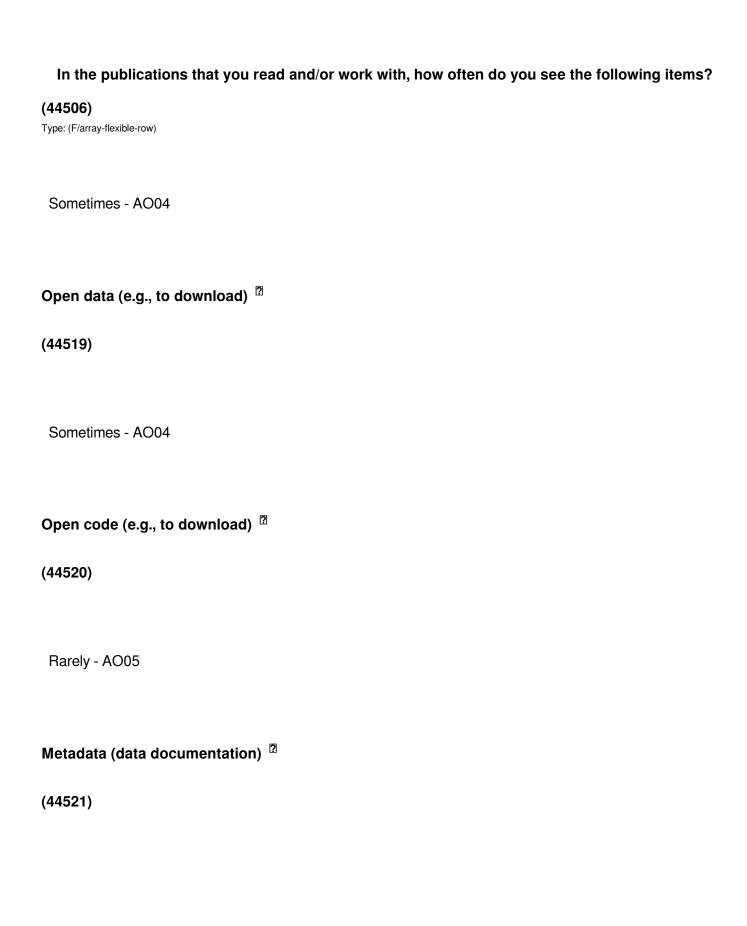






In your experience, what are the most common reasons why studies are not computationall
reproducible? (46381) Type: (R/ranking)
Rank #1:
AO03 - Lack of standardization in data formats or software tools
Rank #2:
AO08 - Incomplete or inadequate documentation (description of methods, metadata, etc.)
Rank #3:
AO06 - Differences in data or computational environments
Rank #4:
Rank #5:
-
Rank #6:
_

Rank #7:
-
If you tried to reproduce a study (or even a small part of it), estimate the degree of
reproducibility you achieved? (in case you have done many, please, provide an averaged
estimation) (44273) Type: (L/list-radio)
High degree of reproducibility
AO05



What resources do you think would be most effective to overcome challenges associated with
computational reproducibility? (46382) Type: (R/ranking)
Rank #1:
AO07 - Dedicated support from institution with data and code preparation
Rank #2:
AO12 - Dedicated funding for computational reproducibility
Rank #3:
AO09 - Investment in reproducibility education and training
Rank #4:
AO10 - Creation of computational reproducibility (2) checklists, guidelines (2)
Rank #5:
AO03 - Journals require data, code, metadata, etc., for publishing a paper
Rank #6:

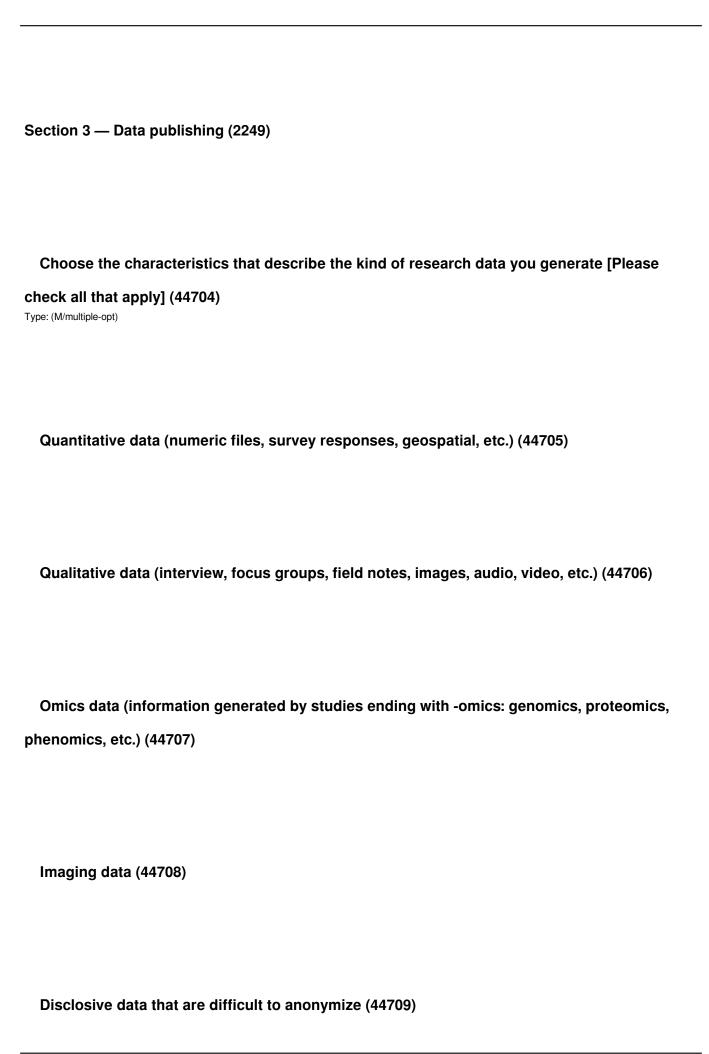
Rank #7:	
Rank #8:	
-	
Rank #9:	
-	
Rank #10:	
Rank #11:	
Rank #12:	
If you consider using software tools, do coding, versioning, and settings feel overwhelming;	
What do you think would be a good approach to overcome this barrier? [Please check all that	

apply] (44690)Type: (M/multiple-opt)

Not applicable (44697)
Hire a software engineer to perform advanced computational tasks (44698)
Hire a software engineer to perform documentation (44699)
Some training from the institution (44700)
In the long run, train Ph.D. students to do all of that (44701)
Dedicated support from the institution (44702)
Other, please specify:

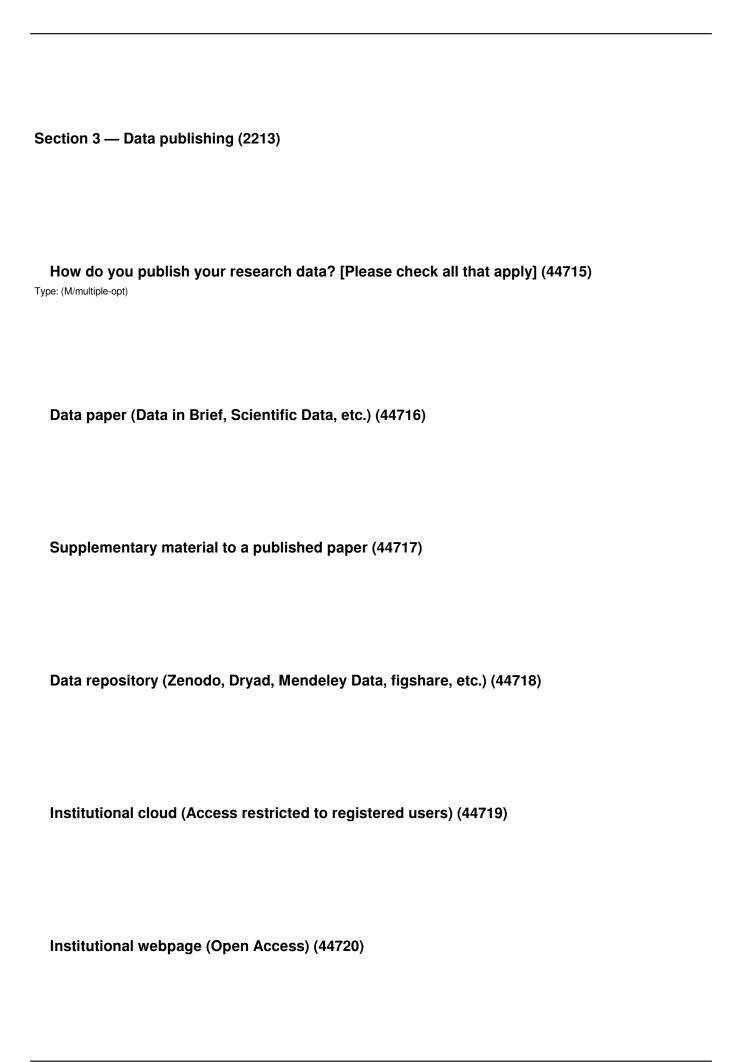
[Optional] If you have any additional ideas or 'good practices' that could enhance computational reproducibility, and were not addressed in the previous questions, please feel free to share them with us: (44703)

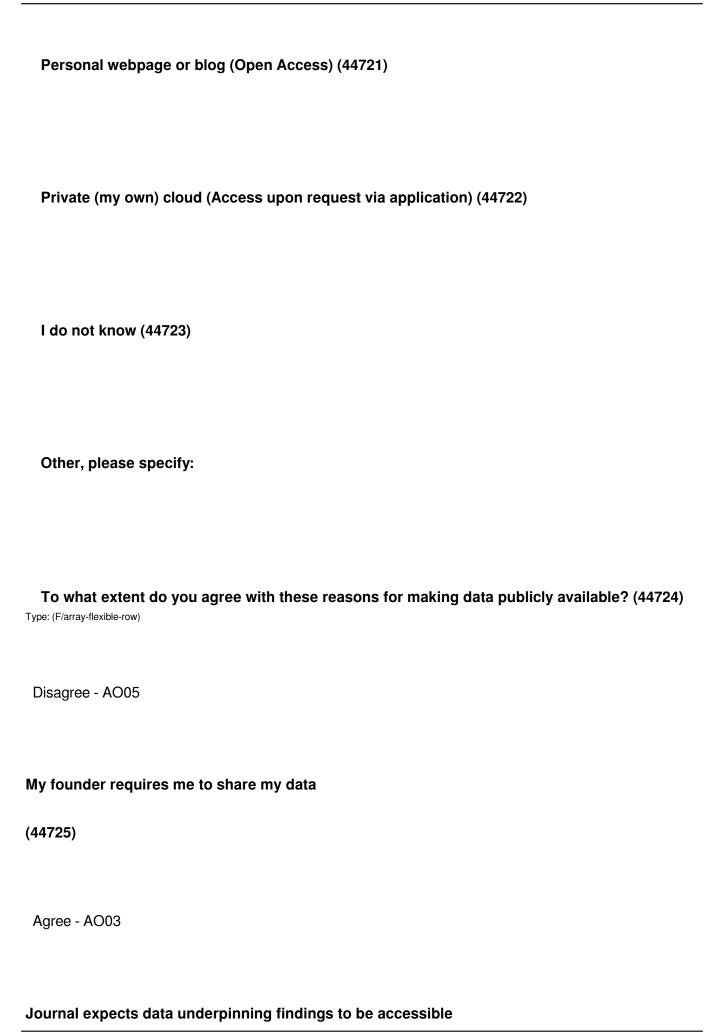
Type: (T/text-long)

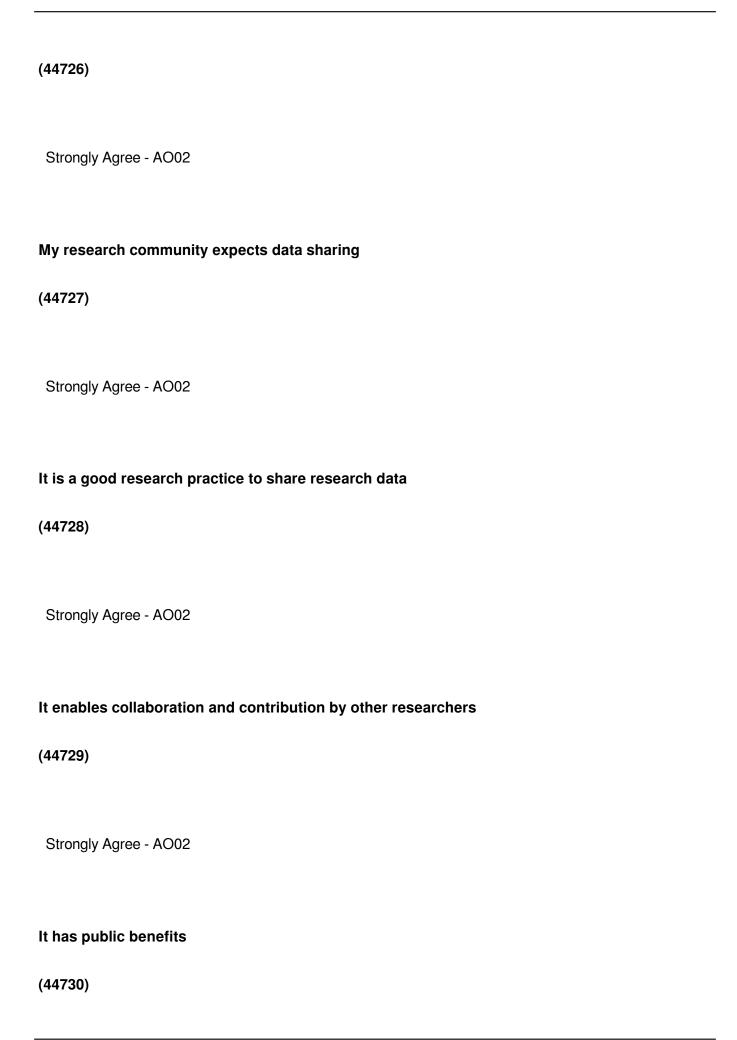


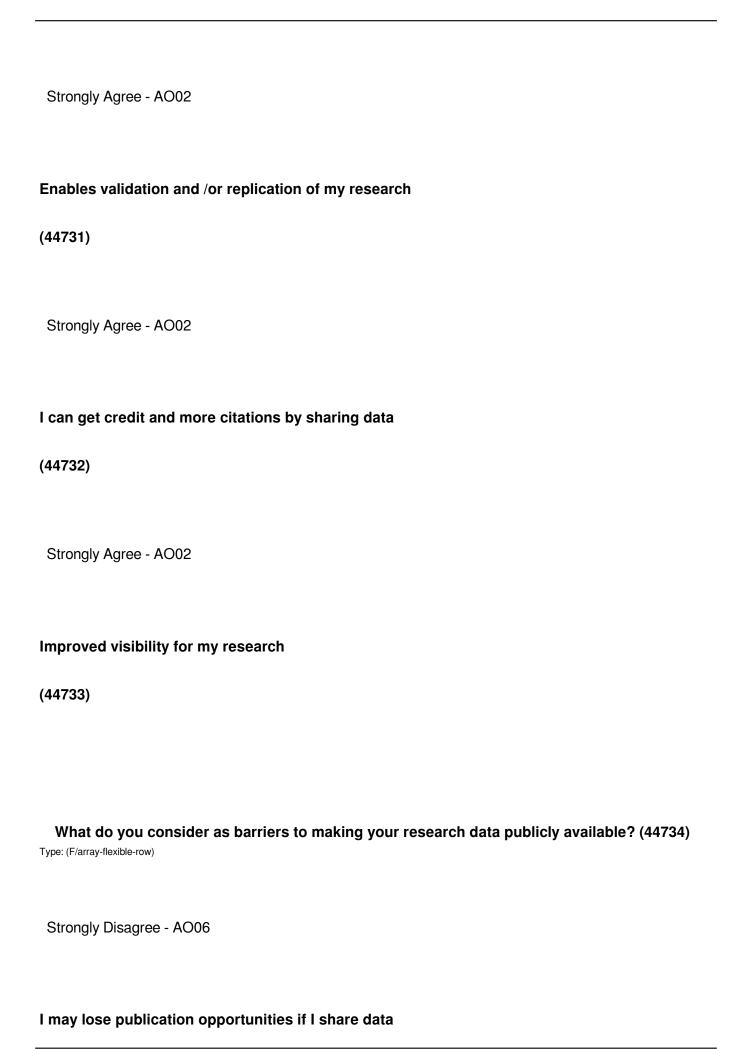
Commercially sensitive data (44710)	
Longitudinal data (44711)	
I do not produce data in my research (44712)	
Other, please specify:	

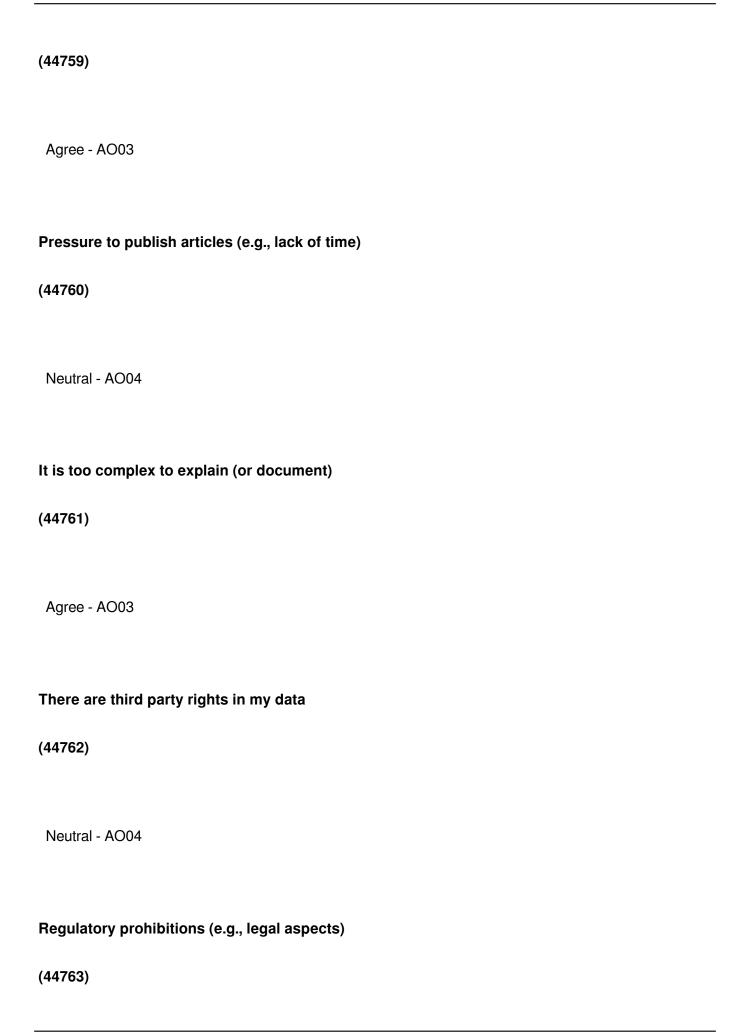
Section 3 — Data publishing (2250)
In the last 5 years, how many datasets have you made publicly available? (44713
AO06 - 4

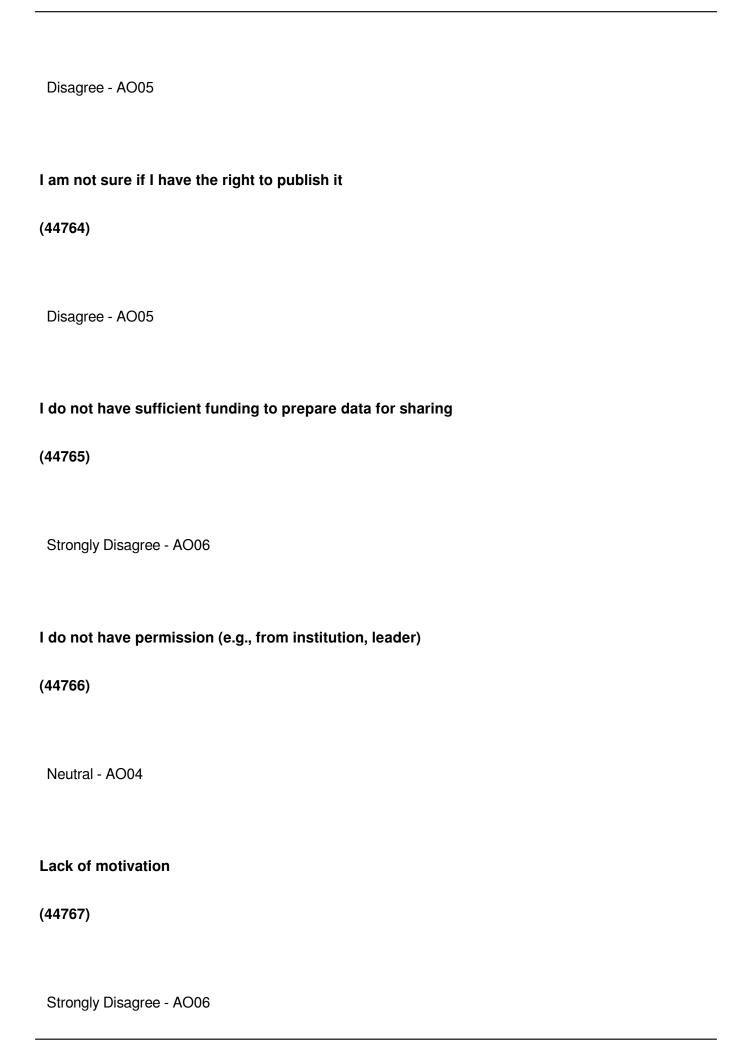








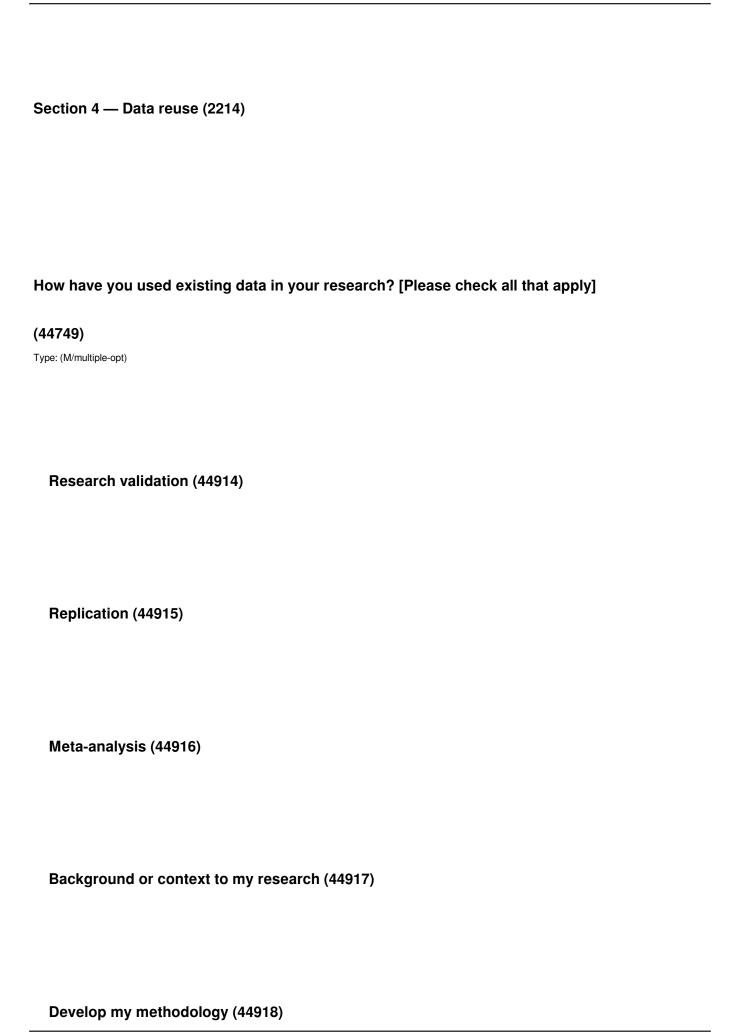




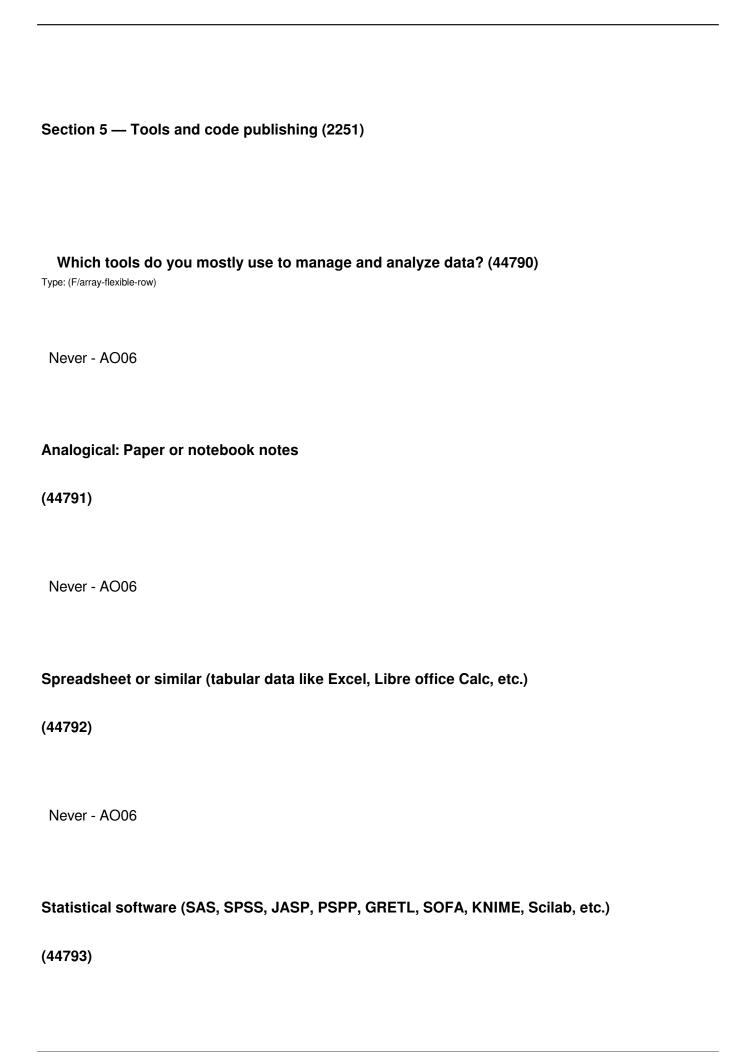
I do not feel any gain
(44768)
Strongly Disagree - AO06
Other researchers may misuse or misinterpret my data
(44769)
Strongly Disagree - AO06
Sensitive data
(44770)
Strongly Disagree - AO06
Confidential commercial use
(44771)

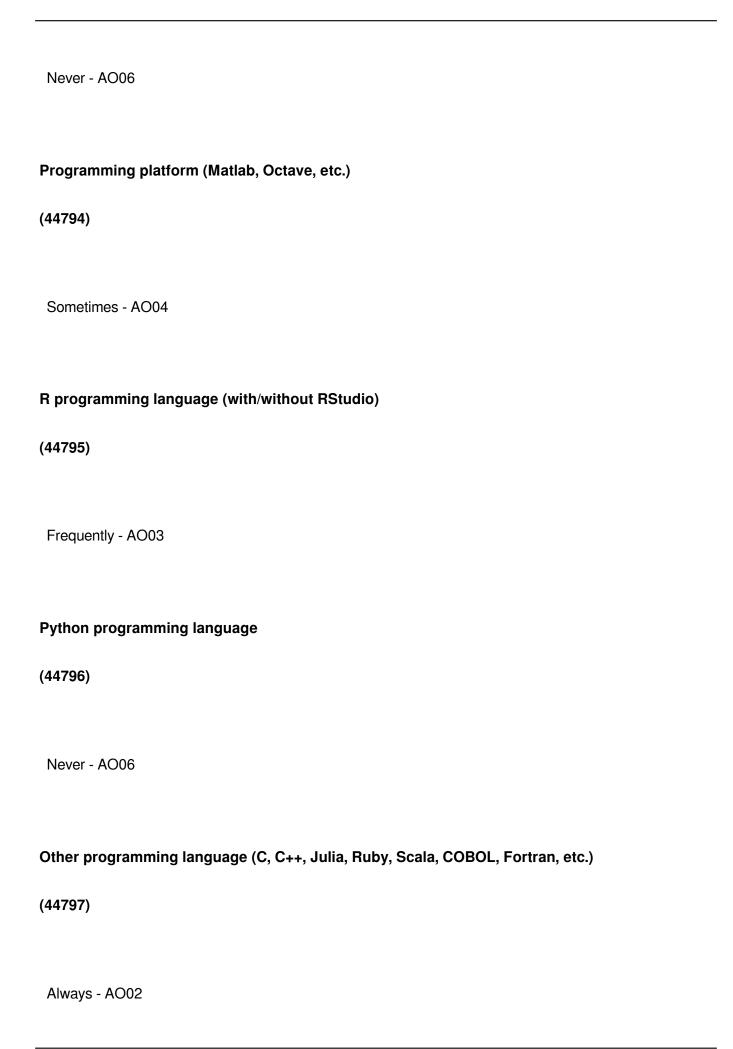
[Optional] In case you have other insights in context of limitation of data publishing, please, feel free to describe: (44748)

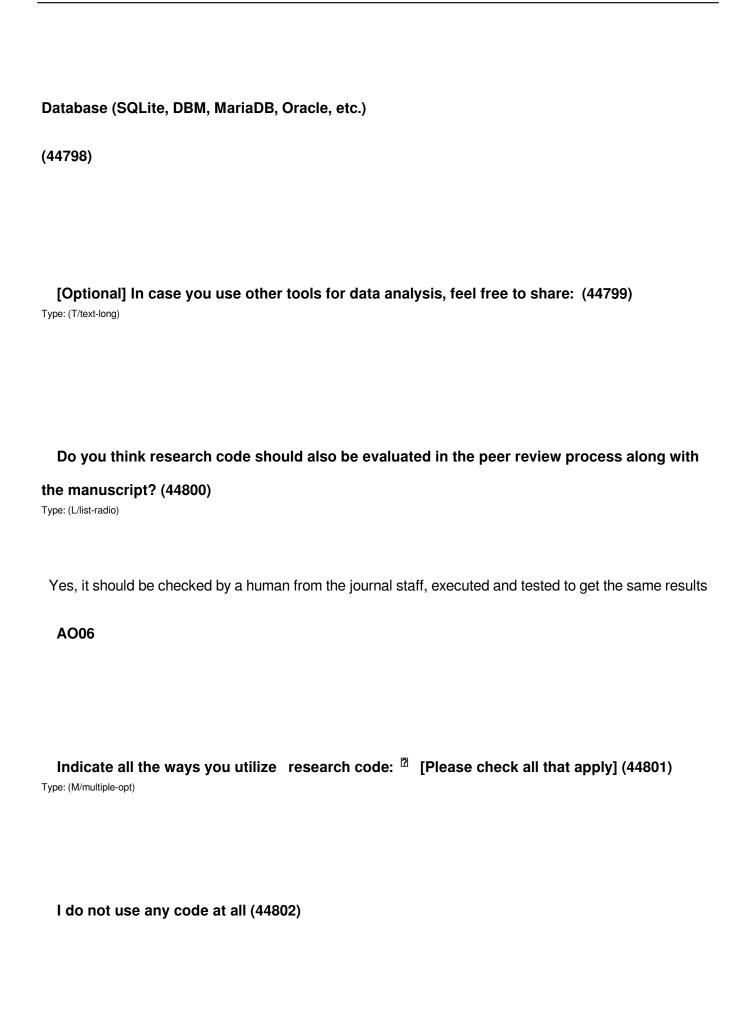
Type: (T/text-long)



Baseline data (44919)	
Teaching material (44920)	
New analysis (44921)	
I have never used existing data (44922)	
Other, please specify:	







To automate part of the research process (44803)
To collect data (44804)
To clean data (44805)
To organize data (44806)
To visualize data (44807)
To analyze data (44808)
To communicate results (44809)
Other, please specify:

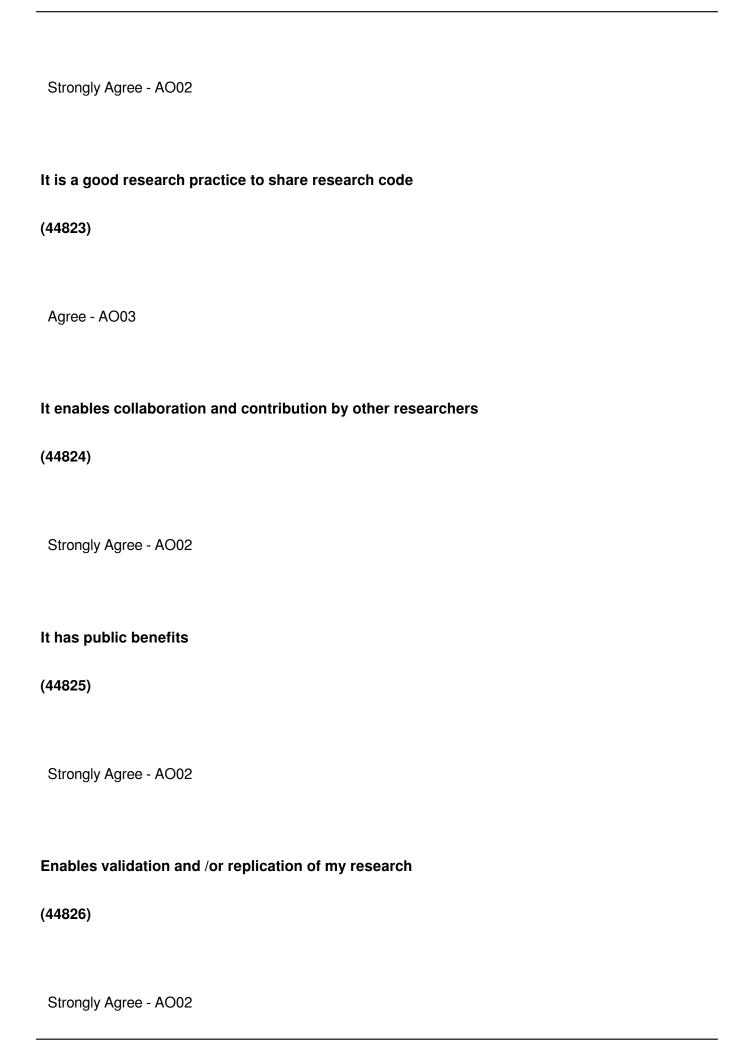
Section 5 — Tools and code p	ublishina	(2252)
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In the last 5 years, how many code scripts/packages/bundles have you made publicly available? (44714)

Type: (!/list-dropdown)

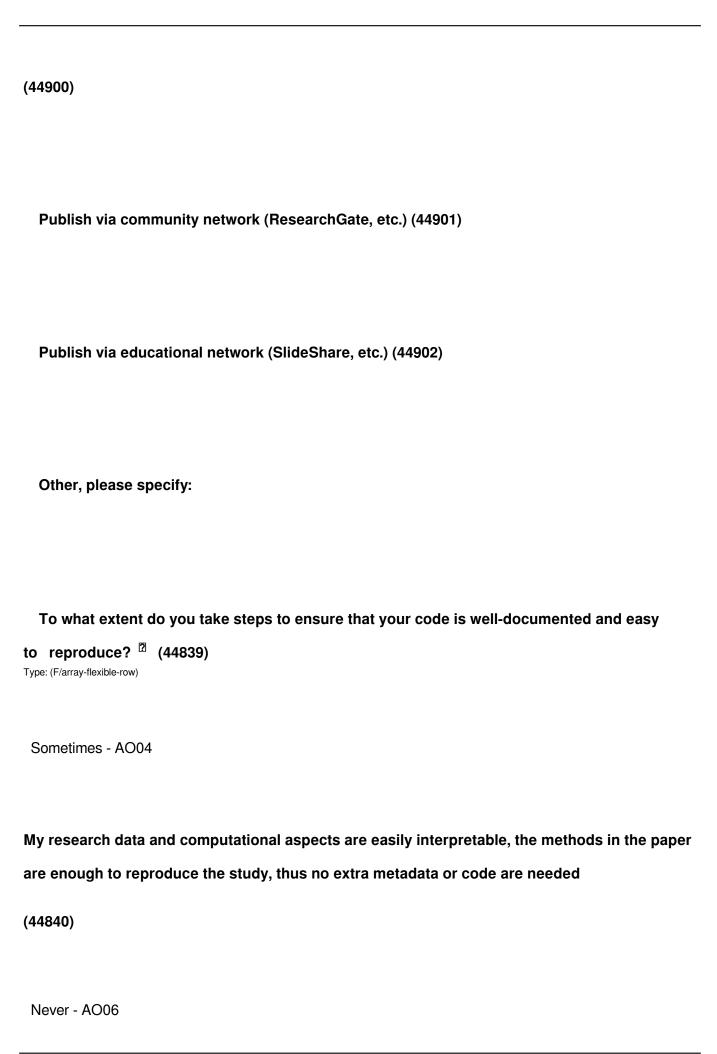
AO05 - 3

Section 5 — Tools and code publishing (2215)
To what extent do you agree with these reasons for making research code publicly available?
(44810) Type: (F/array-flexible-row)
Disagree - AO05
My founder requires me to share my code
(44820)
Agree - AO03
Journal requirement
(44821)
Strongly Agree - AO02
My research community expects code sharing
(44822)

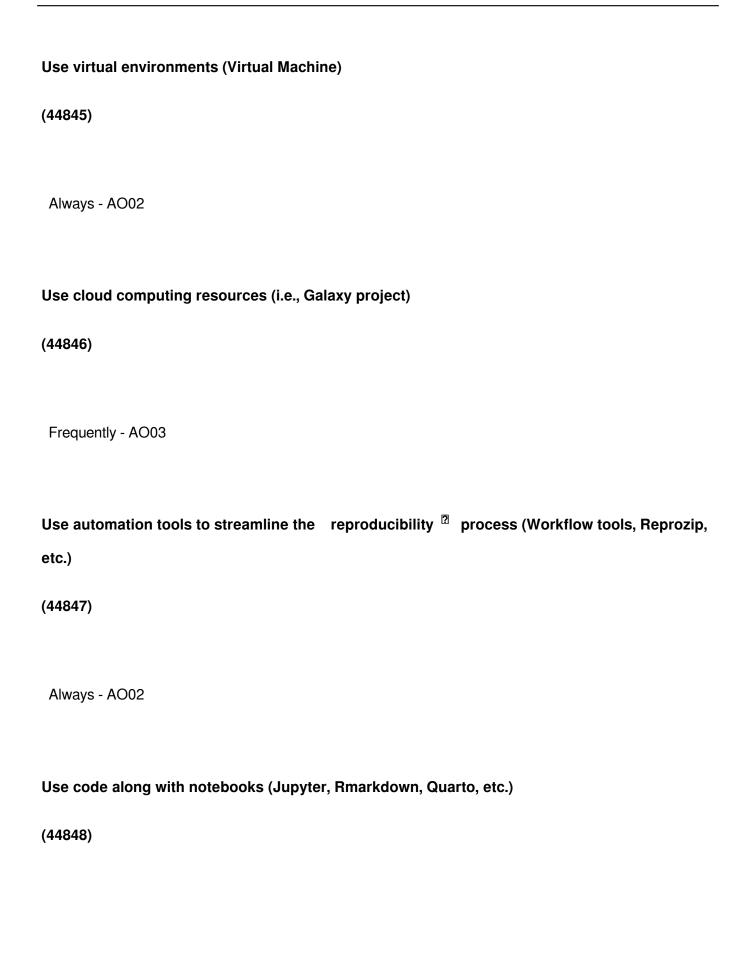


I can get credit and more citations by sharing code
(44827)
Strongly Agree - AO02
Improved visibility for my research
(44828)
[Optional] In case you have other aspects about code publishing, feel free to comment:
(44829) Type: (T/text-long)

When you publish your own codes, what are the common practices you perform? [Please check all that apply] (44830) Type: (M/multiple-opt)
Not applicable (44895)
Use comments to explain the purpose of the code and document all steps in the script (44896
Use a README file to explain the purpose and application of the script(s) (44897)
Use version control to track changes and revisions (Git only) (44898)
Use code publishing platforms to make the code publicly available in repositories (GitLab, Bitbucket, GitHub, etc.) (44899)
Use peer-reviewed sources (such as MethodsX, SoftwareX, etc.) or publish in a book/chapter



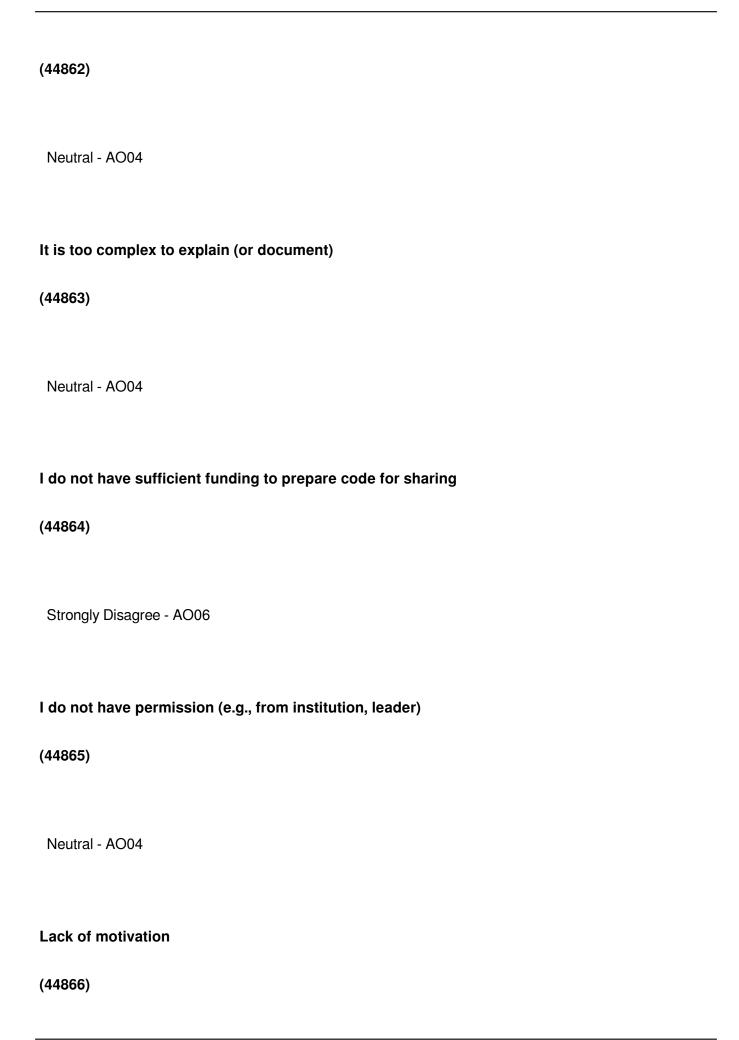
Simply add the code as supplementary material as they were in my research computer
(44841)
Always - AO02
Document dependencies and installation instructions
(44842)
Always - AO02
Arrangement to freeze (lock, stabilize, hold) code, packages, library versions
(44843)
Always - AO02
Use containerization tools like Docker
(44844)
Frequently - AO03



[Optional] In case you have other aspects about code documentation, feel free to comment: (44857)

Type: (T/text-long)

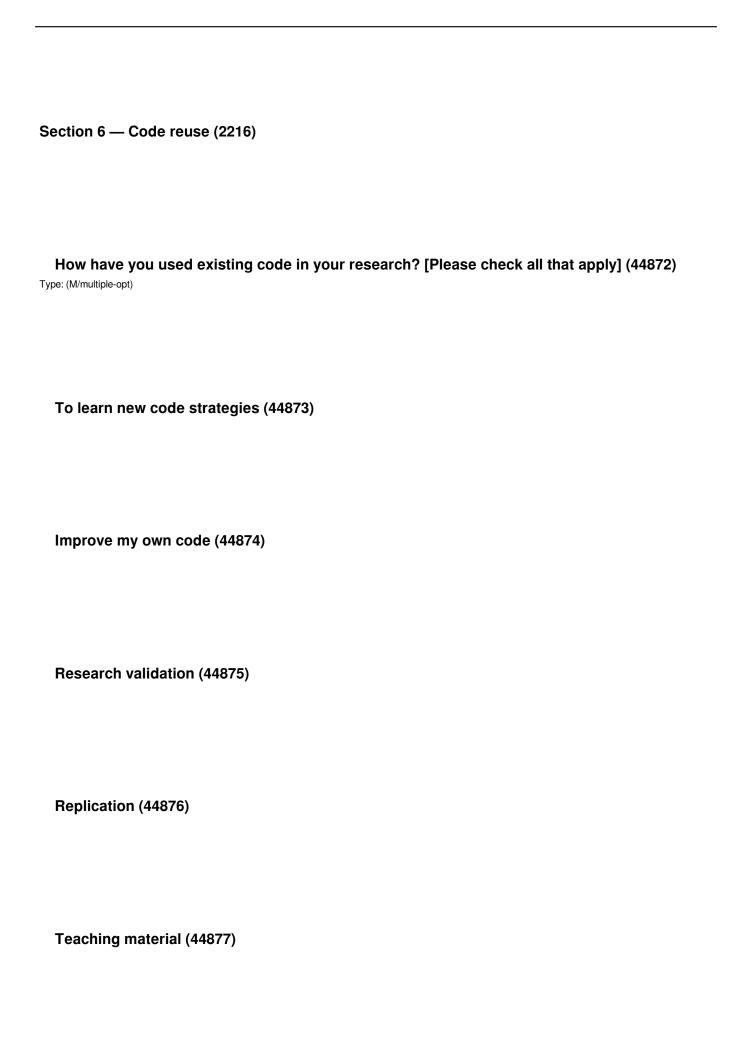
What do you consider as barriers to making your research code publicly available? (44858) Type: (F/array-flexible-row)
Strongly Disagree - AO06
Desire to patent
(44859)
Strongly Disagree - AO06
I may lose publication opportunities if I share code
(44860)
Agree - AO03
Pressure to publish articles (e.g., lack of time)
(44861)
Strongly Agree - AO02
Lack of time to build proper documentation



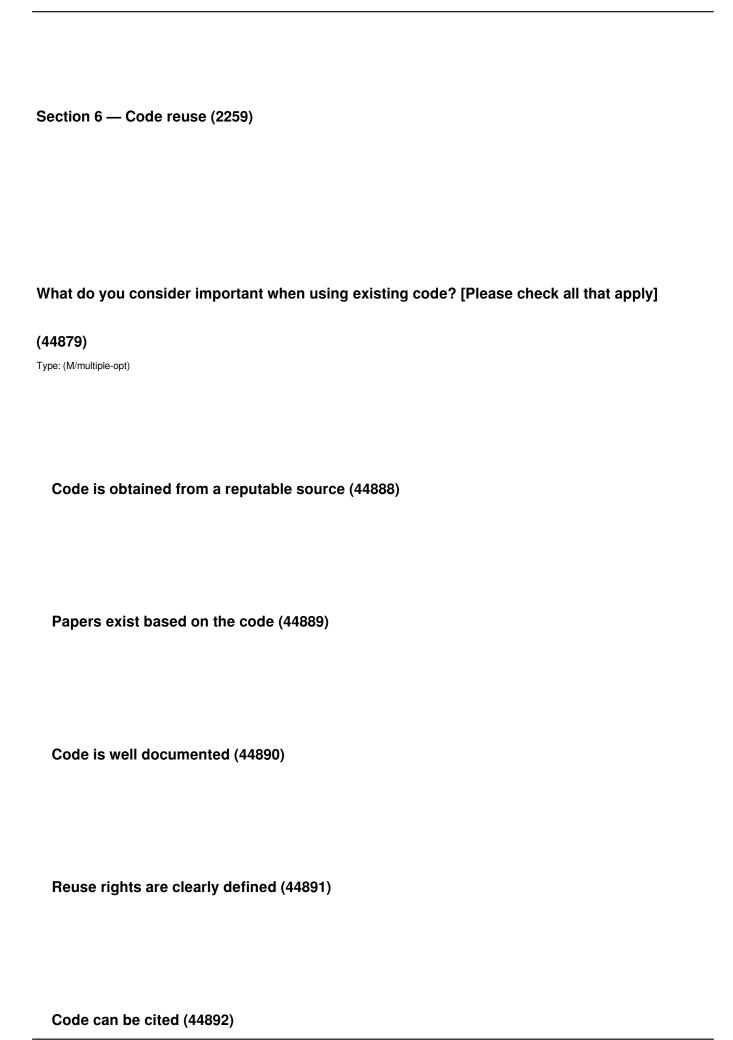
Strongly Disagree - AO06
I do not feel any gain
(44867)
Agree - AO03
There are third party rights in my code
(44868)
Neutral - AO04
I am not sure if I have the right to publish it
(44869)
Agree - AO03
Confidential commercial use
(44870)

[Optional] In case you have other aspects about limitations of code sharing (publishing), feel free to comment: (44871)

Type: (T/text-long)



I have not used existing research code (44878)	
Other, please specify:	



Code is openly accessible (44893)	
Access is immediate (44894)	
Other, please specify:	