

Copyright and research – a study on the views of researchers

TABLES AND CHARTS

1. Background information

Table 1. Distribution of respondents by universities.

University	All researchers	Respondents included in the survey	The percentage of researchers by university who participated in the survey (%)
Aalto University	2 507	132	5,3
Hanken School of Economics*	119	2	1,7
University of Helsinki	3 991	413	10,3
University of Eastern Finland	1 415	102	7,2
University of Jyväskylä	1 454	84	5,8
University of Lapland	272	31	11,4
Lappeenranta University of Technology*	514	7	1,4
University of Oulu	1 552	128	8,2
University of Arts Helsinki**	222	10	4,5
Tampere University of Technology	1 114	30	2,7
University of Tampere*	1 020	18	1,8
University of Turku	1 631	235	14,4
University of Vaasa	257	6	2,3
Åbo Akademi University*	697	3	0,4
Total	16 764	1 201	7,2

*Respondents only via panel survey.

**Respondents from Finnish Academy of Fine Arts , Sibelius Academy and Theatre Academy Helsinki combined.

n=1201¹

¹ Three of the panelists could not be linked to any university.

Table 2. Respondents by field of science.

Field of science	Amount	%
Humanities	195	16,2
Natural sciences	293	24,4
Medicine and health sciences	249	20,7
Agricultural and forest sciences	58	4,8
Art and design	29	2,4
Economics	61	5,1
Engineering	126	10,5
Social sciences	190	15,8
Total	1201	100

n=1201

Table 3. The distribution of all researchers who responded to the survey by field of science.

Field of science	All researchers		Included in the survey	
	Amount	%	Amount	%
Natural sciences	5 167	30,2	293	24,4
Engineering	2 757	16,4	126	10,5
Medicine and health sciences	2 297	13,5	249	20,7
Agricultural and forest sciences	488	2,8	58	4,8
Social sciences	4 025	23,2	251	20,9
Humanities	2 416	13,9	224	18,7
Total	17 149	100	1201	100

n=1201

Table 4. Respondents profession.

Profession	Amount
Researcher	583
Teaching staff	479
Graduate student	356
Research director	175
Administrative staff	79
Research assistant	26
Project manager or planner*	13
Student*	5
Other	30
Total	1746**

*Category formed based on open responses.

** Respondents were able to select several options if necessary (total amount > number of respondents).

n=1201

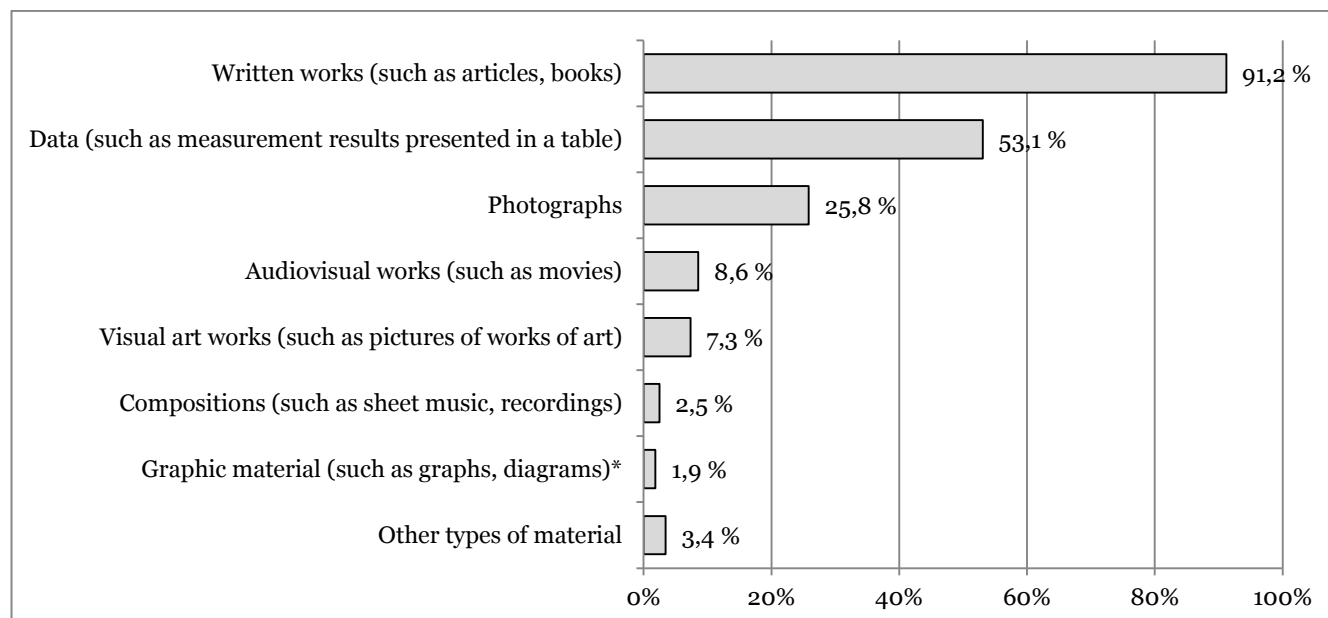
Table 5. Estimate how much of your working time is spent on research work.

Time spent on research work	Amount
0 %	51
10 %	86
20 %	75
30 %	119
40 %	76
50 %	133
60 %	79
70 %	99
80 %	130
90 %	221
100 %	134
Total	1 203

n=1203

2. Utilising materials created by others in research work in general

Table 6. Which of the following materials created by others have you utilised in your research, for instance, by saving or distributing them?



*Category formed based on open responses.

n=1152

Table 7. Have you been forced not to utilise materials created by others in your research even though you wanted to utilise them? (%)

Field of science	No	Yes, the materials were subject to a charge	Yes, the material was not available through legal channels	Yes, the terms of use for the material restricted it	Yes, the copyrights holder did not grant permission	Yes, because of other reasons	Total
Humanities	34,9	27,1	13,7	14,5	6,7	3,1	100
Natural sciences	48,6	27,0	10,2	6,3	5,7	2,1	100
Medicine and health sciences	50,9	26,0	8,7	9,0	2,2	3,2	100
Agricultural and forest sciences	51,7	21,7	11,7	11,7	1,7	1,7	100
Art and design	30,0	20,0	23,3	13,3	6,7	6,7	100
Economics	35,3	36,8	11,8	8,8	4,4	2,9	100
Engineering	48,5	20,6	12,5	11,8	2,9	3,7	100
Social sciences	47,0	26,3	9,2	8,3	5,1	4,1	100
All	45,3	26,2	11,0	9,7	4,6	3,1	100

n=1153

Table 8. In your research work, were the following issues so problematic that you left them unresolved?*

Field of science	Distributing materials created by others to, for instance, my research team/colleagues	Publishing materials created by others as a part of my own research	Problems relating to the right to publish my research
Humanities	1,73	1,69	1,83
Natural sciences	1,42	1,47	1,55
Medicine and health sciences	1,48	1,3	1,42
Agricultural and forest sciences	1,55	1,52	1,61
Art and design	1,68	2,27	2,41
Social sciences	1,54	1,48	1,6
Economics	1,56	1,52	1,56
Engineering	1,63	1,57	1,7
All	1,54	1,5	1,61

*Average on a scale of 1 = never, 2 = rarely, 3 = sometimes, 4 = often, 5 = all the time.

n=1153

Table 9. In your research work, has it been necessary for you to publish materials created by others as a part of your own research? (%)

Field of science	Yes	No	I have not yet published anything	Total
Humanities	45,0	46,0	9,0	100
Natural sciences	25,4	66,2	8,4	100
Medicine and health sciences	18,3	74,0	7,7	100
Agricultural and forest sciences	25,0	62,5	12,5	100
Art and design	54,5	18,2	27,3	100
Economics	22,2	72,2	5,6	100
Engineering	27,8	60,9	11,3	100
Social sciences	23,8	66,3	9,9	100
All	27,5	63,2	9,3	100

n=1153

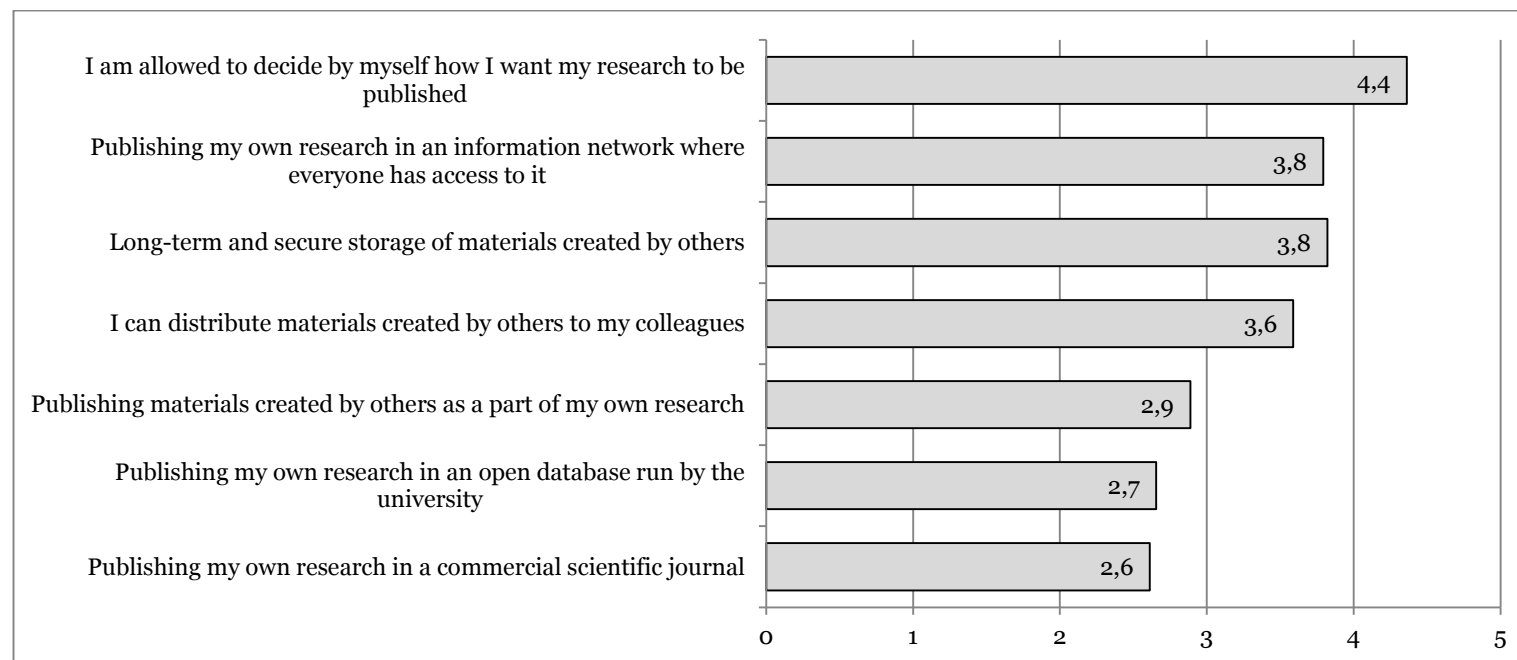
Table 10. What kind of materials created by others have you needed to publish as part of your own research? (%)

Field of science	Written works	Audiovisual works	Compositions	Visual art works	Photographs	Data	Graphic material*	Other	Total
Humanities	26,0	5,2	3,2	14,9	35,7	12,3	1,3	1,3	100
Natural sciences	19,7	4,2	1,4	4,9	25,4	34,5	7,7	2,1	100
Medicine and health sciences	32,3	3,1	0,0	0,0	18,5	41,5	4,6	0,0	100
Agricultural and forest sciences	15,0	5,0	0,0	5,0	25,0	45,0	5,0	0,0	100
Art and design	19,4	13,9	8,3	16,7	22,2	16,7	2,8	0,0	100
Economics	31,6	0,0	0,0	5,3	26,3	36,8	0,0	0,0	100
Engineering	30,4	0,0	0,0	3,6	37,5	21,4	7,1	0,0	100
Social sciences	26,7	4,0	2,7	8,0	22,7	29,3	5,3	1,3	100
All	25,0	4,4	2,1	8,1	28,0	26,6	4,6	1,1	100

*Category formed based on open responses.

n=316

Table 11a. How important do you think the following matters relating to the use and publishing of materials are?*



*Average on scale: 1 = not at all important, 5 = very important.

n=524

Table 11b. How important do you think the following matters relating to the use and publishing of materials are?*

Field of science	Long-term and secure storage of materials created by others	I can distribute materials created by others to my colleagues	Publishing materials created by others as a part of my own research	Publishing my own research in a commercial scientific journal	Publishing my own research in an open database run by the university	Publishing my own research in an information network where everyone has access to it	I am allowed to decide by myself how I want my research to be published
Humanities	4,0	3,5	3,3	3,2	3,8	3,8	4,5
Natural sciences	3,9	3,8	2,8	2,5	2,4	4,0	4,5
Medicine and health sciences	3,5	3,3	2,3	2,3	2,3	3,7	4,2
Agricultural and forest sciences	3,9	3,8	2,8	2,8	2,7	4,0	4,3
Art and design	4,0	3,8	4,1	2,9	3,1	4,2	4,5
Economics	3,4	3,4	2,9	3,3	3,0	3,6	4,1
Engineering	3,7	3,8	3,0	2,4	2,2	3,7	4,1
Social sciences	4,0	3,5	2,9	2,4	2,5	3,7	4,3
All	3,8	3,6	2,9	2,6	2,7	3,8	4,4

*Average on scale: 1 = not at all important, 5 = very important

n=524

3. Ongoing research

Table 12. How many ongoing studies or research projects are you currently involved in?

Field of science	Average amount of simultaneous studies or research projects/respondent
Humanities	2,1
Natural sciences	2,7
Medicine and health sciences	3,4
Agricultural and forest sciences	2,5
Art and design	1,7
Economics	2,8
Engineering	2,1
Social sciences	2,3
All	2,6

n=1152

Table 13. What is the branch of the project?

Field of science	%
Humanities	15,9
Natural sciences	22,5
Medicine and health sciences	23,7
Agricultural and forest sciences	6,1
Art and design	1,6
Economics	5,2
Engineering	9,3
Social sciences	14,3
Multidisciplinary	1,4
Total	100

n=1116

Table 14. Is the study/research project international? (%)

Field of science	Yes	No	Total
Humanities	51	49	100
Natural sciences	69	31	100
Medicine and health sciences	55	45	100
Agricultural and forest sciences	64	36	100
Art and design	53	47	100
Economics	46	54	100
Engineering	44	56	100
Social sciences	60	40	100
All	58	42	100

n=1116

Table 15. Are you conducting the research alone? (%)

Field of science	Alone	With a research team	Total
Humanities	38	62	100
Natural sciences	13	88	100
Medicine and health sciences	5	95	100
Agricultural and forest sciences	9	91	100
Art and design	26	74	100
Economics	30	70	100
Engineering	10	90	100
Social sciences	34	66	100
All	19	81	100

n=1116

Table 16. Does the research project/study have external funding? (%)

Field of science	Yes	No	I don't know	Total
Humanities	71,8	27,6	0,6	100
Natural sciences	82,1	14,6	3,2	100
Medicine and health sciences	81,7	13,0	5,3	100
Agricultural and forest	89,1	5,5	5,5	100
Art and design	68,4	31,6	0,0	100
Economics	70,4	29,6	0,0	100
Engineering	84,8	11,4	3,8	100
Social sciences	73,6	24,1	2,3	100
All	78,8	18,1	3,1	100

n=1116

4. Copying and saving materials created by others

Table 17. Average times per year respondents copy or save materials created by others to use them in research.

Field of science	Average times of copying/saving materials per year
Humanities	34,1
Natural sciences	34,8
Medicine and health	33,4
Agricultural and forest	32,7
Art and design	41,5
Economics	32,7
Engineering	39,9
Social sciences	36,4
Uncategorized*	38,2
Total	35,3

*Panel survey respondents, field of science unknown.

n=1153

Table 18. The last time you saved or copied materials created by someone else to use them in your own research, what type of material was it? (%)

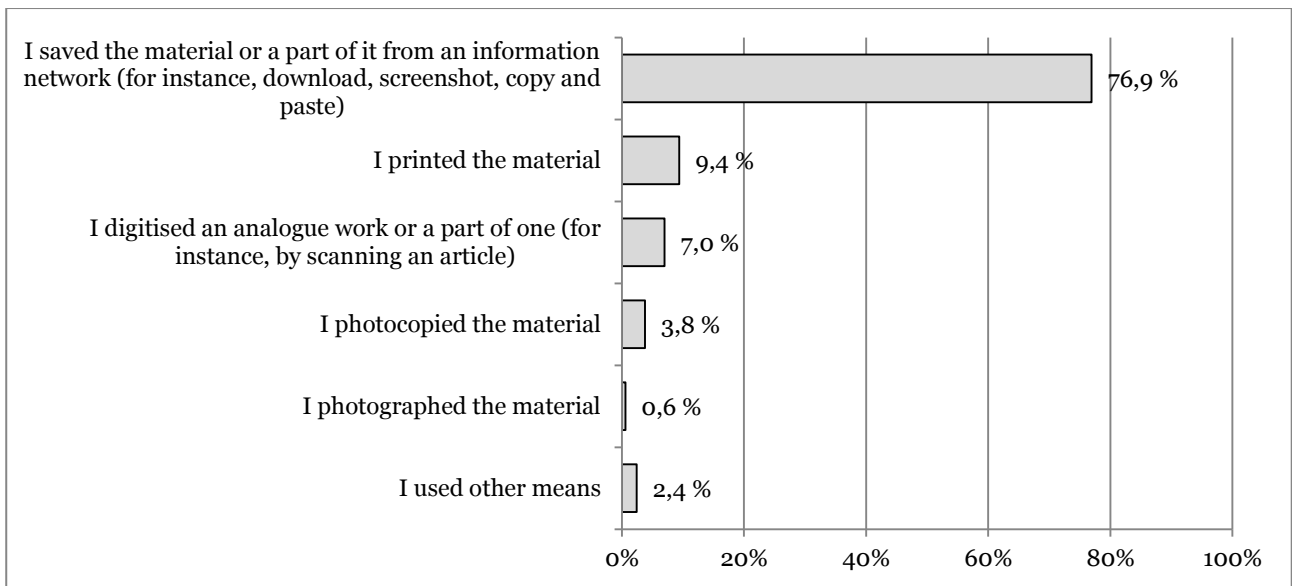
Field of science	Written works	Audiovisual works	Compositions	Visual art works	Photographs	Data	Graphic material**	Other
Humanities	84,5	3,5	0,9	2,8	5,7	0,8	1,7	100
Natural sciences	77,2	0,0	0,0	0,6	3,8	16,5	1,9	100
Medicine and health sciences	83,5	0,1	0,0	0,0	4,4	12,0	0,0	100
Agricultural and forest sciences	80,4	0,0	0,0	0,0	0,2	19,3	0,0	100
Art and design	74,2	0,0	12,0	6,2	7,1	0,4	0,0	100
Economics	86,3	0,0	0,0	0,0	0,0	13,7	0,0	100
Engineering	80,8	0,0	1,4	1,5	7,2	6,1	3,0	100
Social sciences	85,8	0,1	0,0	0,0	3,7	8,5	1,9	100
Uncategorized*	85,2	0,0	0,0	0,0	3,3	9,9	1,6	100
All	82,3	0,6	0,5	0,9	4,2	10,2	1,4	100

*Panel survey respondents, field of science unknown.

**Category formed based on open responses.

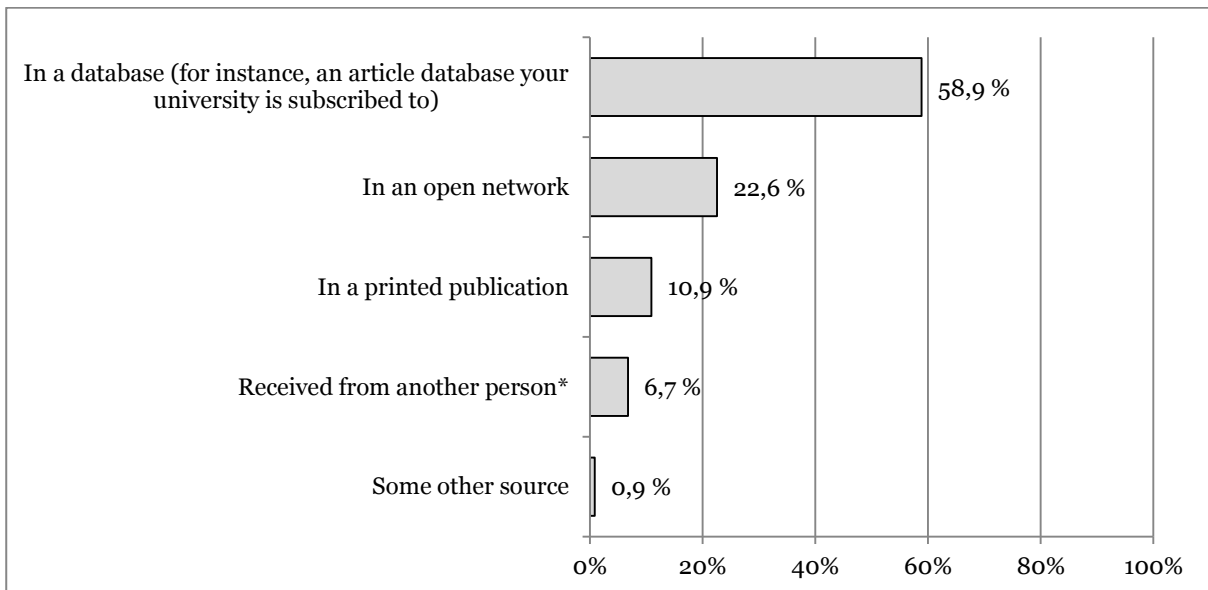
n=851

Table 19. How did you copy or save this material for your research?



n=851

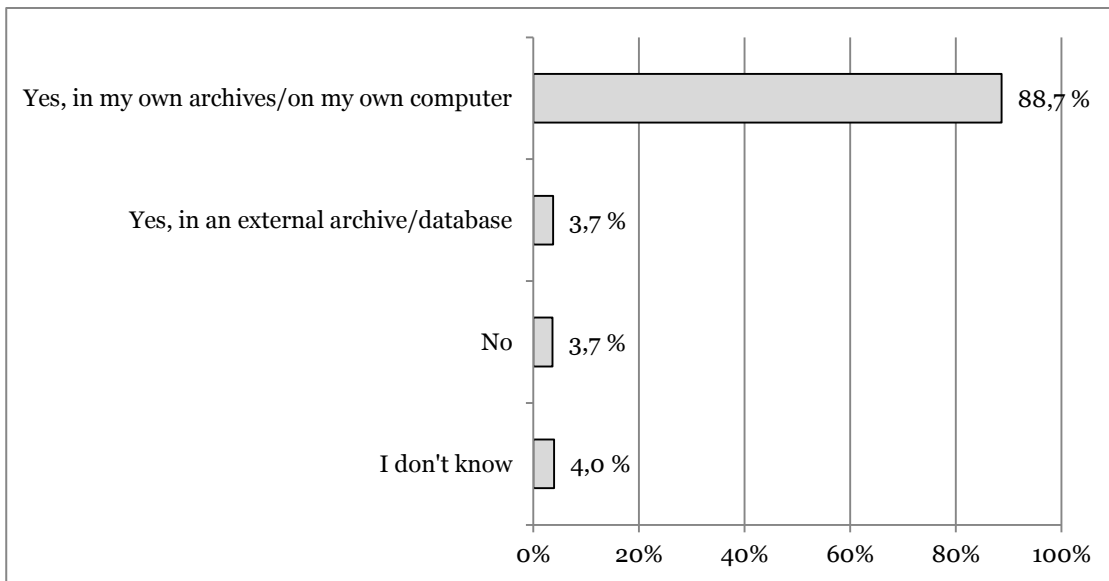
Table 20. Where did you find the material you saved or copied?



*Category formed based on open responses.

n=851

Table 21. Have you retained or do you intend to retain this material?



n=851

Table 22. Were the materials you copied used as sources or the subjects of your research? (%)

Material copied	%
Source	72,8
Subject	8,9
Both	18,3
Total	100

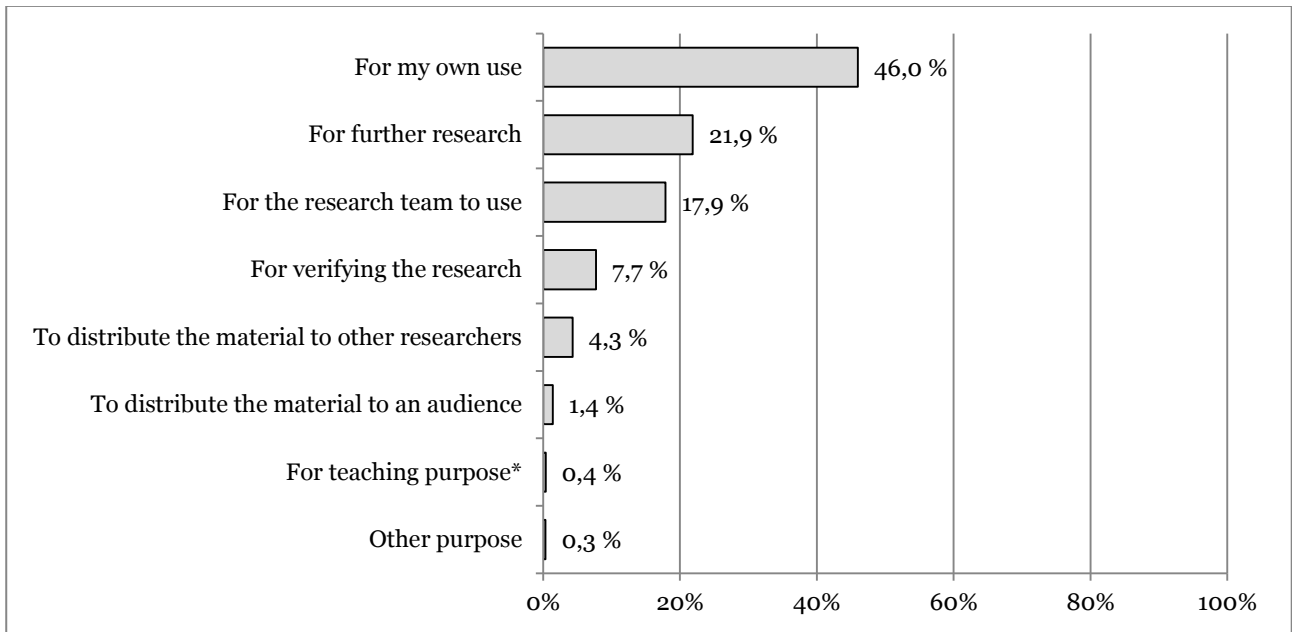
n=791

Table 23. Was the material created by someone else that you saved or copied subject to a license, or did it have a term of use? (%)

License	%
Yes	41,6
No	30,2
I don't know	28,2
Total	100

n=756

Table 24a. What is your purpose for retaining this material you copied or saved?



*Category formed based on open responses.

n=773

Table 24b. What is your purpose for retaining this material you copied or saved? (%)

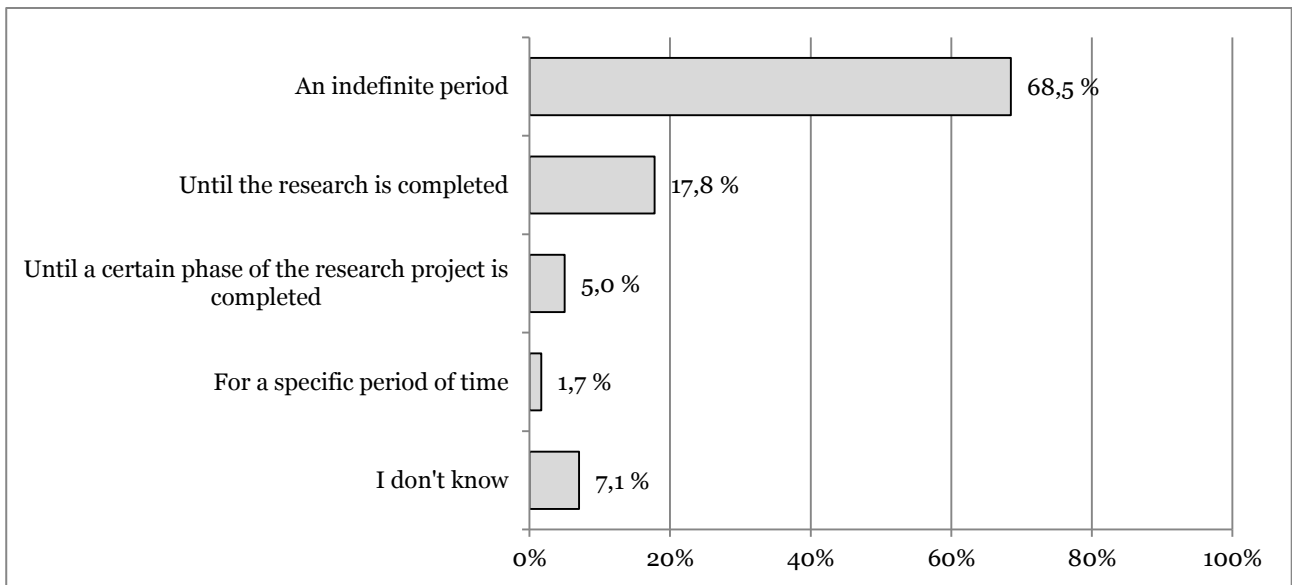
Field of science	For the research team to use	For verifying the research	For my own use	For further research	To distribute the material to other researchers	To distribute the material to an audience	For teaching purpose*	Other purpose	Total
Humanities	11,3	6,3	40,7	27,4	10,2	3,6	0,5	0,0	100
Natural sciences	20,6	12,3	34,9	26,1	4,5	1,5	0,0	0,0	100
Medicine and health sciences	26,1	10,7	37,9	16,9	6,1	0,9	0,4	0,9	100
Agricultural and forest sciences	17,3	15,3	36,8	25,3	5,1	0,1	0,1	0,0	100
Art and design	22,3	9,9	44,6	22,5	0,0	0,4	0,2	0,0	100
Economics	21,1	12,1	36,3	24,3	4,6	1,6	0,0	0,0	100
Engineering	16,9	12,2	35,7	26,8	5,4	3,1	0,0	0,0	100
Social sciences	13,2	5,2	43,5	29,2	8,4	0,6	0,0	0,0	100
Uncategorized*	18,2	5,6	38,1	22,7	11,4	3,2	0,8	0,0	100
All	18,5	9,6	38,2	24,7	6,8	1,8	0,2	0,1	100

*Panel survey respondents, field of science unknown.

**Category formed based on open responses.

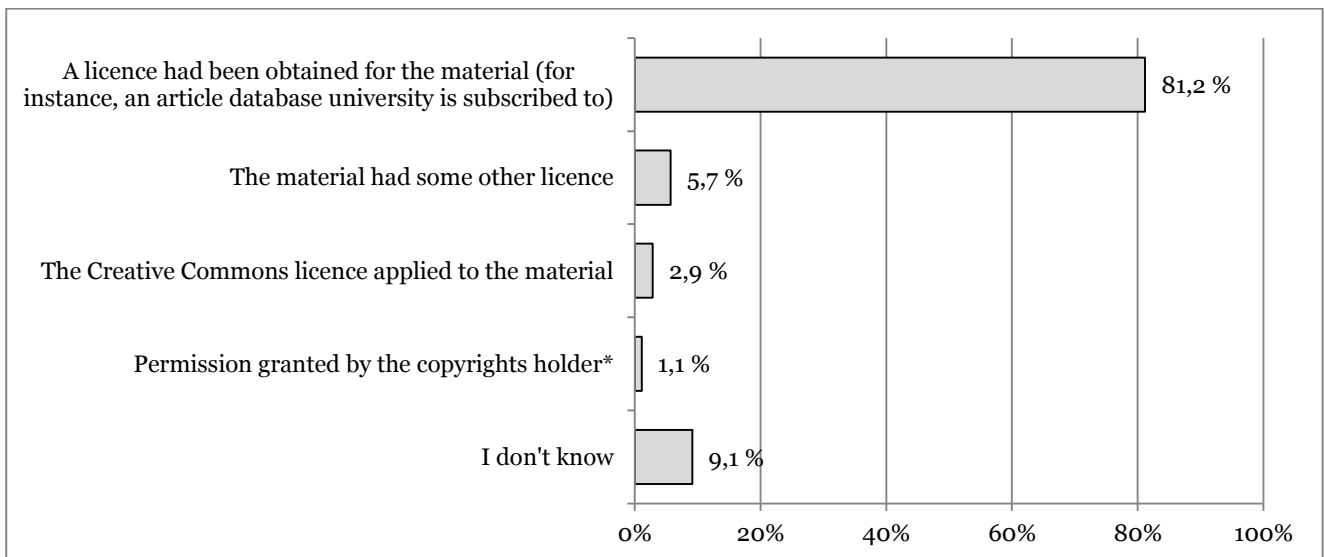
n=773

Table 25. For how long do you intend to retain this material?



n=773

Table 26. What type of term of use or licence pertained to this material?



*Category formed based on open responses.

n=306

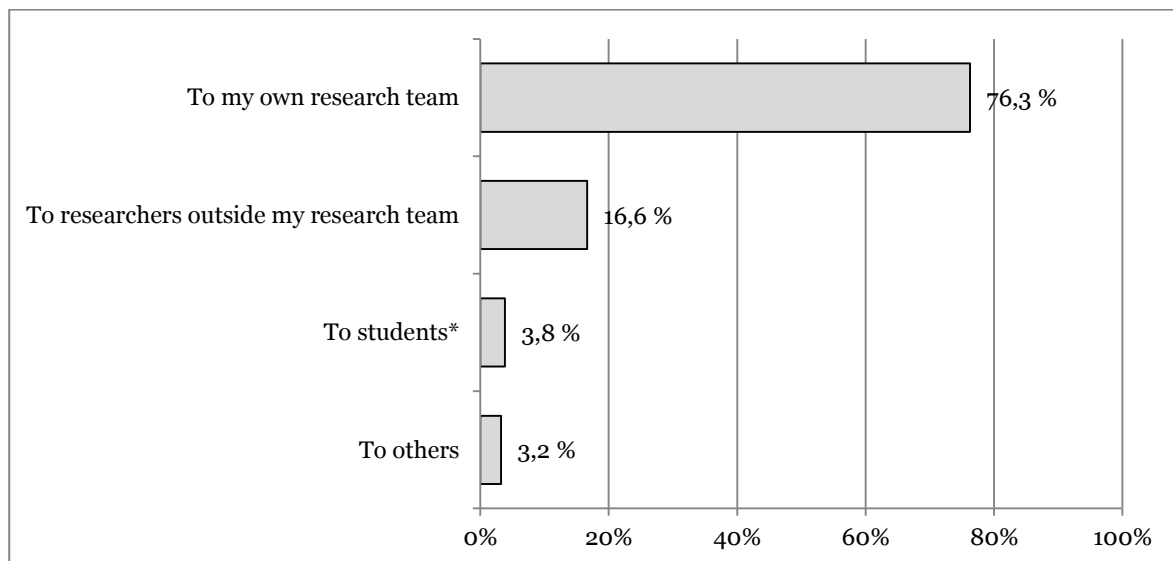
5. Distributing materials created by others

Table 27. Average times per year respondents distribute materials created by others in connection with own research.

Field of science	Average times of distributing materials per year
Humanities	7,5
Natural sciences	8,6
Medicine and health sciences	7,8
Agricultural and forest sciences	9,3
Art and design	10,5
Economics	6,8
Engineering	8,6
Social sciences	7,6
Multidisciplinary	7,8
All	8,0

n=1153

Table 28. To whom did you distribute this material?



*Category formed based on open responses.

n=591

Table 28b. To whom did you distribute this material? (%)

Field of science	To my own research team	To researchers outside my research team	To students*	To others	Total
Humanities	53,1	27,2	12,7	7,1	100
Natural sciences	72,7	20,1	1,9	5,4	100
Medicine and health sciences	82,2	15,3	1,5	1,0	100
Agricultural and forest sciences	88,1	6,8	1,3	3,8	100
Art and design	51,7	17,1	18,3	12,9	100
Economics	77,1	9,7	0,0	13,2	100
Engineering	85,7	13,5	0,0	0,8	100
Social sciences	71,6	24,1	4,3	0,0	100
Multidisciplinary	74,5	20,6	2,5	2,3	100
All	72,8	19,2	4,1	4,0	100

*Category formed based on open responses.

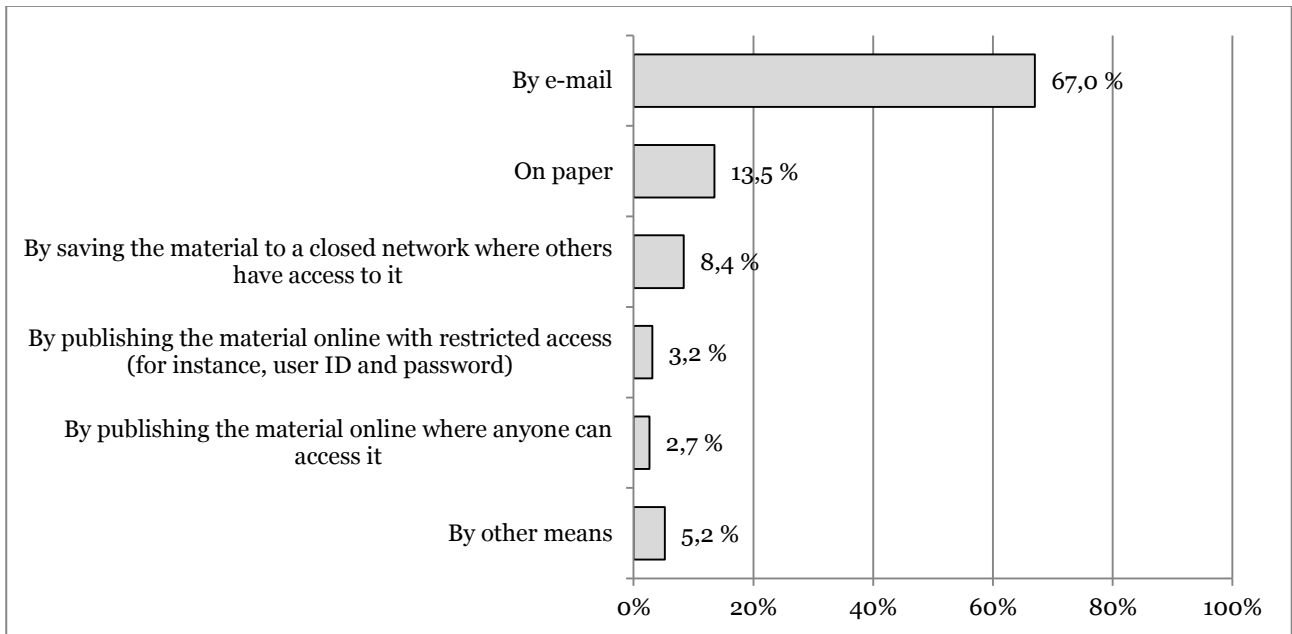
n=591

Table 29. State or estimate the number of people you distributed the material to.

Number of people	Amount	%
1-5	481	79,3
6-10	53	11,9
11-20	22	2,7
21-50	14	1,8
51-100	5	1,9
Over 100	16	2,4
Total	591	100

n=591

Table 30. How did you distribute this material?



n=591

6. Publishing your own research

Table 31. What is the branch of the project?

Field of science	%
Humanities	14,1
Natural sciences	25,1
Medicine and health sciences	25,1
Agricultural and forest sciences	5,7
Art and design	1,5
Economics	4,5
Engineering	9,3
Social sciences	13,6
Multidisciplinary	1,2
All	100

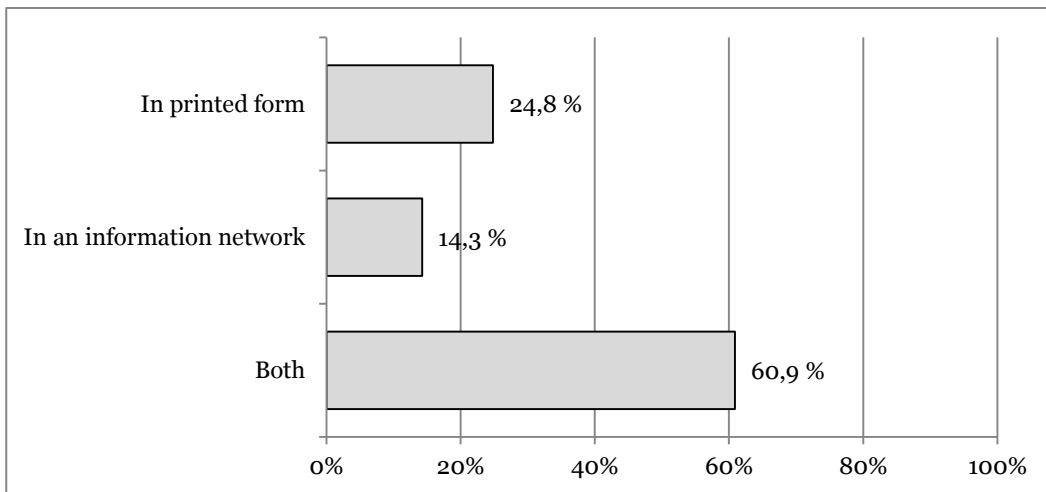
n=1049

Table 32. Did you conduct the research alone or with a research team? (%)

Field of science	Alone	With a research team	Total
Humanities	41,8	58,2	100
Natural sciences	5,9	94,1	100
Medicine and health sciences	3,4	96,6	100
Agricultural and forest sciences	3,4	96,6	100
Art and design	11,3	88,7	100
Economics	20,8	79,2	100
Engineering	4,6	95,4	100
Social sciences	31,0	69,0	100
Multidisciplinary	14,2	85,8	100
All	14,7	85,3	100

n=1049

Table 33. How was the research published?



n=1049

Table 34. Did you encounter any copyright problems when you published the research? (%)

Field of science	No	Yes	Total
Humanities	89,9	10,1	100
Natural sciences	94,7	5,3	100
Medicine and health sciences	95,1	4,9	100
Agricultural and forest sciences	96,4	3,6	100
Art and design	82,3	17,7	100
Economics	96,3	3,7	100
Engineering	95,3	4,7	100
Social sciences	85,2	14,8	100
Multidisciplinary	99,0	1,0	100
All	93,2	6,8	100

n=1049

Table 35. Which publishing channel was used for the publishing? (%)

Field of science	A commercial, scientific publisher (such as Elsevier, Springer)	The university's open database	An open information network	Conference publication or some other non-commercial publication*	Some other channel	Total
Humanities	62,8	11,7	15,4	10,1	0,0	100
Natural sciences	79,8	2,9	9,6	7,4	0,3	100
Medicine and health sciences	86,2	0,9	7,3	1,7	3,9	100
Agricultural and forest sciences	82,0	5,8	8,0	4,2	0,0	100
Art and design	10,3	29,5	30,1	25,3	4,8	100
Economics	70,0	10,6	8,8	8,5	2,1	100
Engineering	76,7	9,3	6,9	1,1	6,0	100
Social sciences	57,0	12,5	16,0	6,5	8,0	100
Multidisciplinary	64,8	8,8	18,6	6,7	1,1	100
All	73,6	6,5	11,2	5,8	2,9	100

*Category formed based on open responses.

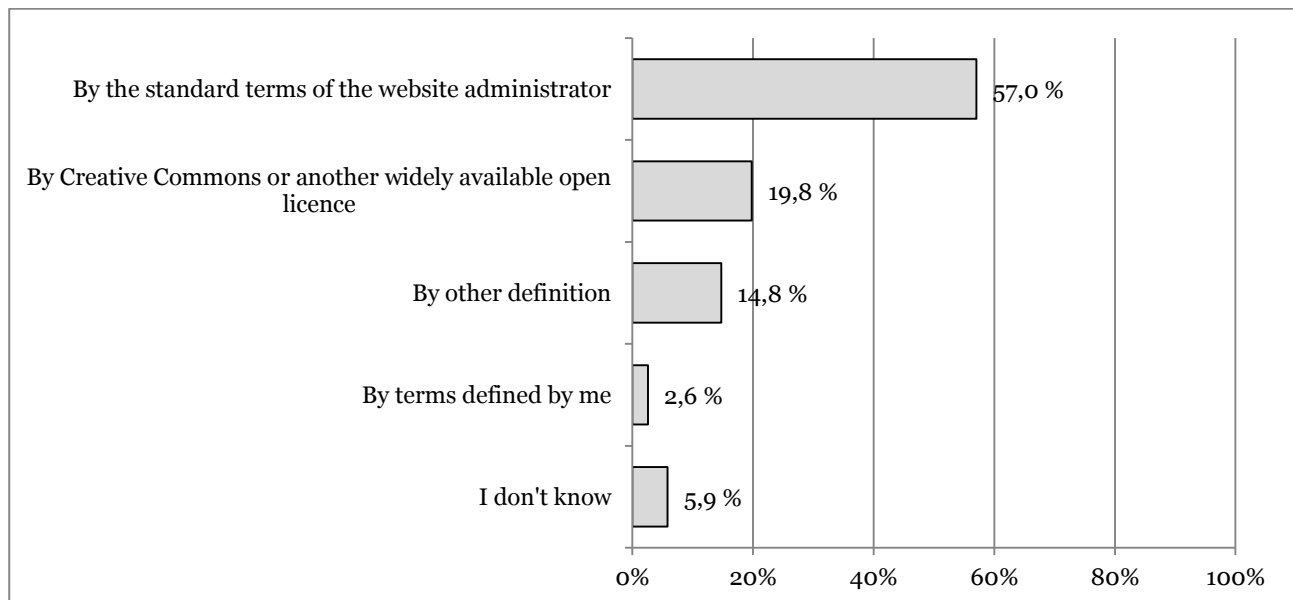
n=767

Table 36. Were further usage rights defined when your research was published? (%)

Määrittely	Yes	No	I don't	Total
The university's open database	58,1	14,7	27,2	100
An open information network	44,1	28,7	27,2	100
Conference publication or some other non-commercial publication*	53	23,6	23,4	100

*Category formed based on open responses.
n=234

Table 37. How was the further use of the research defined?



n=104