
DOCTORAL EDUCATION AT UPPSALA UNIVERSITY

Doctoral Student Survey 2022

Unit for Quality and Evaluation (KoU)
Division for Quality Enhancement

Aim and selected results

- **The main aim** with this survey is to provide a basis for quality development, by making visible strengths and areas for development within the doctoral education programmes. In the questionnaire, questions are posed about the doctoral education environment, supervision, seminars and courses, individual study plan, teaching and pedagogical qualifications, qualitative targets, career and guidance, and strengths, areas for development and suggestions for improvement to their doctoral education.
- The doctoral student survey is a **follow-up of the 2016 doctoral education study**. A corresponding survey has been answered by the University's doctoral student supervisors.
- In this introduction to the study, a **selection of descriptive results** from the doctoral student survey is presented at University level.* Distribution of responses to all quantitative questions are reported in the attached result report.
- **Result reports on departmental level** are available for departments with 10 respondents or more.
- Statistical analyses, for example comparisons based on gender, disciplinary domain/faculty, Swedish or international degree, and which factors contribute to the doctoral students' overall satisfaction, will be presented in a subsequent **in-depth university-wide report**. In the in-depth report, open-ended responses and comments will also be thematised and analysed.

Respondent distribution

- The survey was open from February to mid March 2022
- Mailing population: **2130** doctoral students (registered in Ladok, autumn 2021, supplemented with information from AKKA and Primula)
- Response rate: **47 %**
 - *Humsam* 50 %
 - *Medfarm* 46 %
 - *Teknat* 45 %
- Representativity: The distribution of respondents represents relatively well the distribution of doctoral students across the disciplinary domains at the University. However, there is some over-representation in the distribution of women among the respondents.

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Respondent characteristics

- There are more **female** (57 %) than male (42 %) responding doctoral students, while 1 % do not identify themselves as neither female nor male (question 1).
- Most responding doctoral students are in the age groups **26-30 years** (40 %) and **31-35 years** (27 %, question 2).
- The largest proportion of doctoral students have a qualifying **degree from Uppsala University** (46 %), while 31% have an **international degree** (question 5).
- The distribution is nearly even between respondents who have spent **up to two years** of their effective doctoral studies (47 %) and those who have spent **more than two years** (51 %, question 7).
- In addition to their doctoral studies, 17 % are also active in a **clinical environment** (e.g. within the medical care system, question 10).

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Overall satisfaction

- 72 % of the responding doctoral students are fairly or very **satisfied with their doctoral education** thus far (question 52)
- ...however, 55 % state that the COVID-19 pandemic has mostly had a **negative impact** on their doctoral education (question 54).

Doctoral education environment

- Most doctoral students **mainly work alone** (78 %), while 3 % state that they mainly work together with others. 43 % answer 'no' or 'in part' to the question of whether they are satisfied with the way they are working (question 15a and b).
- The majority (69 %) are fairly or very satisfied with the **psychosocial environment in the doctoral student group** and 60 % answers this way regarding the **psychosocial environment at the department** as a whole (question 19b and a).
- Almost half of the respondents (46 %), state that they spend **more or much more time** on their doctoral education in relation to their degree of employment, while 42 % state that they spend just as much time (question 12).
- 43 % of the respondents experience **negative stress** to a fairly high or very high degree (question 21).
- 23 % state that they have experienced **language difficulties** to some degree, while 3 % have experienced language difficulties to a high degree (question 18).

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Supervision

- A majority of the doctoral students (85 %) are fairly or very satisfied with **the relation with their supervisor** (question 19c).
- The responding doctoral students are generally satisfied with several aspects of the supervision, such as **the supervisors' ability to stimulate critical thinking, the amount of time for supervision and the constructive criticism they receive on their research work** (questions 24e, a and d).
- Just over half of the doctoral students (51 %) state that they meet for supervision **a few times a month** with their supervisor(s) (question 23).

Seminars and courses

- The majority (80 %) state that **several seminars per semester** are held in their doctoral education environment (question 26). Most doctoral students (60 %) in doctoral education environments where seminars are held **most often participate** in these (question 27).
- 75 % of the doctoral students state that **senior researchers** most often participate in the seminars, and that the seminars most often are **characterised by an open and encouraging attitude** (70 %, questions 28d and c).

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Course evaluations

- Two out of three responding doctoral students (64 %) state that **course evaluations are conducted after most or after each course** (question 34). However, almost half (47 %) state that they never receive feedback on course evaluations that **they themselves have responded to**, and 45 % state that they never receive feedback on course evaluations **responded to by doctoral students who attended the course previously** (question 35).

Individual study plan

- Three out of five doctoral students (61 %) state that the individual study plan has **been followed up in discussion between the doctoral student and supervisor**, while one in five (20 %) state that it was mostly a formality and was done without discussion (question 36).
- Just over a third of the doctoral students feel that the individual study plan is a **useful planning tool for their doctoral studies** and that it **gives control of whether their doctoral studies are progressing as they should** (questions 37a and b).

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Teaching and pedagogical qualifications

- Three out of four respondents have **taught** during their doctoral studies (question 38).
- 74 % of those who have attended an **academic teaching training course** state that it has **been useful** to some or a high degree, and 25 % state that it has **not been useful** (question 41).
- Every third respondent feel that they have received **pedagogical support from the department** regarding teaching to a very low or fairly low degree (question 43).

Career and guidance

- The answers suggest that there is a **need to be informed about possible career paths after completed doctoral studies**. A larger proportion state that they to a very low or fairly low degree (58 %) have been offered information about possible career paths **outside of academia** as compared to **within academia** (39 %, question 49).
- 38 % feel to a fairly high or very high degree that they **need additional career support/guidance** in relation to their doctoral education (question 50).

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Qualitative targets for doctoral education

- Almost half of the responding doctoral students (40 %) are **not at all familiar** with the qualitative targets for third-cycle/doctoral education listed in the Higher Education Ordinance (question 44).
- The doctoral students who have completed half or more of their doctoral studies have assessed to what degree they feel they have been given opportunities to develop different aspects of the qualitative targets within the framework for their doctoral education (questions 45, 46 and 47).
 - The targets that the doctoral students state that they have been given the highest opportunity to develop are: **specialised and latest knowledge within a limited part of the research domain, demonstrate scientific integrity (honesty), and demonstrate intellectual independence.**
 - The targets that the doctoral students state that they have been given less opportunity to develop are: **present and discuss research findings outside of academia and contribute to society's advancement through research and education.**

Contact information

If you have any questions, please contact the Unit for Quality and Evaluation

Survey KoU survey.kou@uu.se

Additional information about the survey (including questionnaires) is available in the Staff portal (Medarbetarportalen)

[Länk till information på svenska/Link to information in English](#)

Doctoral Education at Uppsala University

Doctoral Student Survey 2022

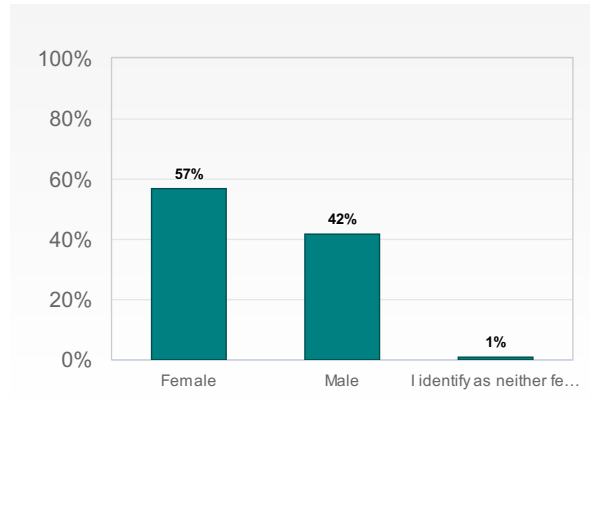
UPPSALA UNIVERSITY
(TOTAL)

Doctoral Student Survey 2022

Mailing Population: 2130
Answer Count: 995
Answer Frequency: 47 %

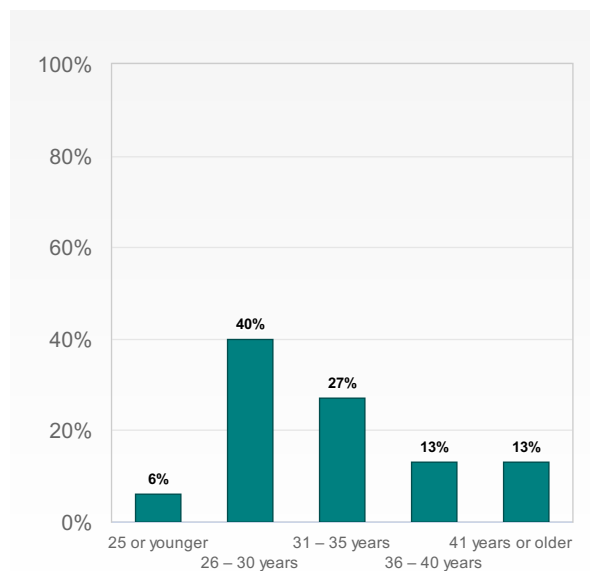
BACKGROUND

1. Gender identity



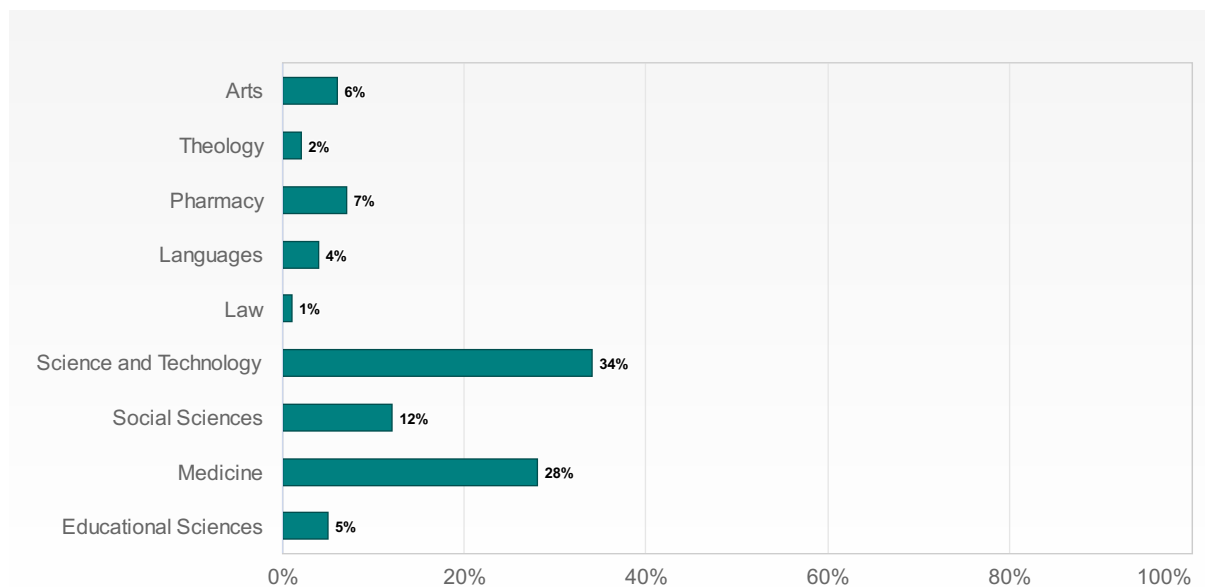
1. Gender identity	Number of responses	Distribution (%)
Female	567	57%
Male	416	42%
I identify as neither female nor male	8	1%
Total	991	100%

2. Age



2. Age	Number of responses	Distribution (%)
25 or younger	64	6%
26-30 years	394	40%
31-35 years	272	27%
36-40 years	132	13%
41 years or older	130	13%
Total	992	100%

3. In which faculty are you a doctoral student?



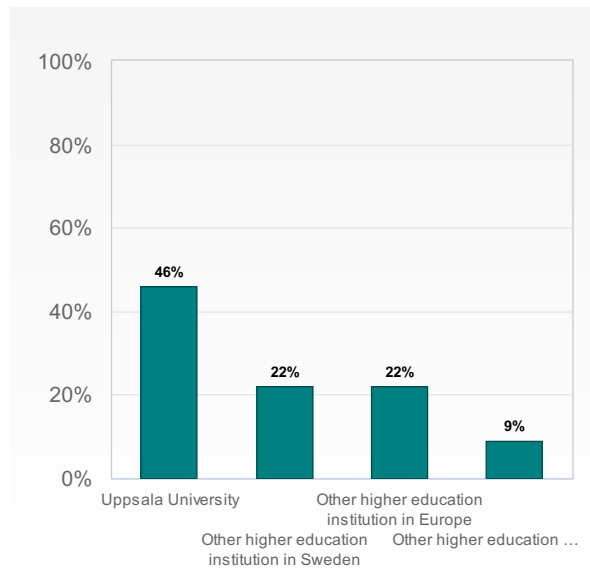
3. In which faculty are you a doctoral student?	Number of responses	Distribution (%)
Arts	61	6%
Theology	23	2%
Pharmacy	73	7%
Languages	42	4%
Law	12	1%
Science and Technology	336	34%
Social Sciences	120	12%
Medicine	280	28%
Educational Sciences	46	5%
Total	993	100%

3 b) If you have selected Faculty of Medicine. Before the turn of the year, were you a doctoral student at the Department of Neuroscience? (If yes, please answer the survey, as far as possible, according to the environment that you are currently active within)

3 b) If you have selected Faculty of Medicine. Before the turn of the year, were you a doctoral student at the Department of Neuroscience? (If yes, please answer the survey, as far as possible, according to the environment that you are currently active within)	Number of responses	Distribution (%)
Yes	42	15%
No	234	85%
Total	276	100%

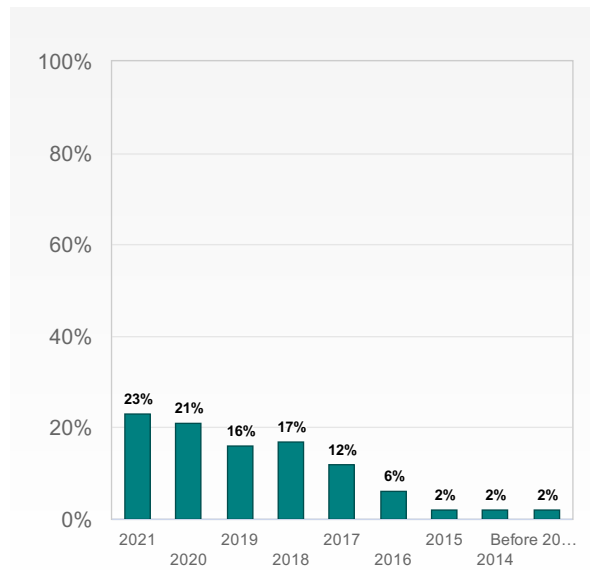
4. In which department/equivalent are you currently a doctoral student?	Number of responses	Distribution (%)
Department of Theology	19	2%
Department of Law	8	1%
Department of ALM	5	1%
Department of Archaeology and Ancient History	12	1%
Department of Philosophy	6	1%
Department of History	7	1%
Department of History of Science and Ideas	3	0%
Department of Art History	3	0%
Department of Cultural Anthropology and Ethnology	4	0%
Department of Literature	6	1%
Department of Musicology	3	0%
Department of Game Design	0	0%
Department of English	3	0%
Department of Linguistics and Philology	8	1%
Department of Modern Languages	11	1%
Department of Scandinavian Languages	14	2%
Department of Economic History	7	1%
Department of Peace and Conflict Research	4	0%
Department of Business Studies	15	2%
Department of Informatics and Media	6	1%
Department of Food, Nutrition and Dietetics	3	0%
Department of Social and Economic Geography	14	2%
Department of Economics	17	2%
Department of Psychology	14	2%
Department of Sociology	9	1%
Department of Statistics	5	1%
Department of Government	8	1%
Department of Education	41	5%
Department of Public Health and Caring Sciences	25	3%
Department of Immunology, Genetics and Pathology	42	5%
Department of Surgical Sciences	65	7%
Department of Women's and Children's Health	53	6%
Department of Medical Biochemistry and Microbiology	12	1%
Department of Medical Cell Biology	13	1%
Department of Medical Sciences	59	7%
Department of Pharmaceutical Biosciences	25	3%
Department of Pharmacy	27	3%
Department of Medicinal Chemistry	12	1%
Department of Information Technology	40	4%
Department of Mathematics	24	3%
Department of Physics and Astronomy	46	5%
Department of Electrical Engineering	18	2%
Department of Materials Science and Engineering	23	3%
Department of Civil and Industrial Engineering	11	1%
Department of Chemistry - BMC	12	1%
Department of Chemistry - Ångström Laboratory	40	4%
Biology Education Centre	0	0%
Department of Cell and Molecular Biology	14	2%
Department of Ecology and Genetics	21	2%
Department of Organismal Biology	12	1%
Department of Earth Sciences	46	5%
Other, specify	9	1%
Total	904	100%

5. From where did you graduate with a degree that qualified you for doctoral studies (one-year Master, two-year Master or professional qualification)?



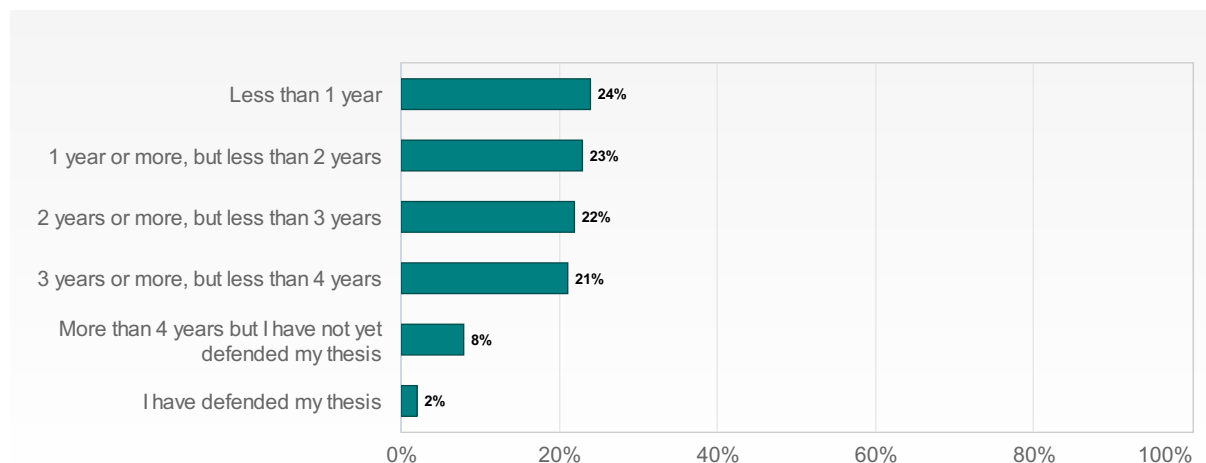
5. From where did you graduate with a degree that qualified you for doctoral studies (one-year Master, two-year Master or professional qualification)?	Number of responses	Distribution (%)
Uppsala University	458	46%
Other higher education institution in Sweden	219	22%
Other higher education institution in Europe	222	22%
Other higher education institution outside of Europe	94	9%
Total	993	100%

6. What year were you accepted to the doctoral programme?



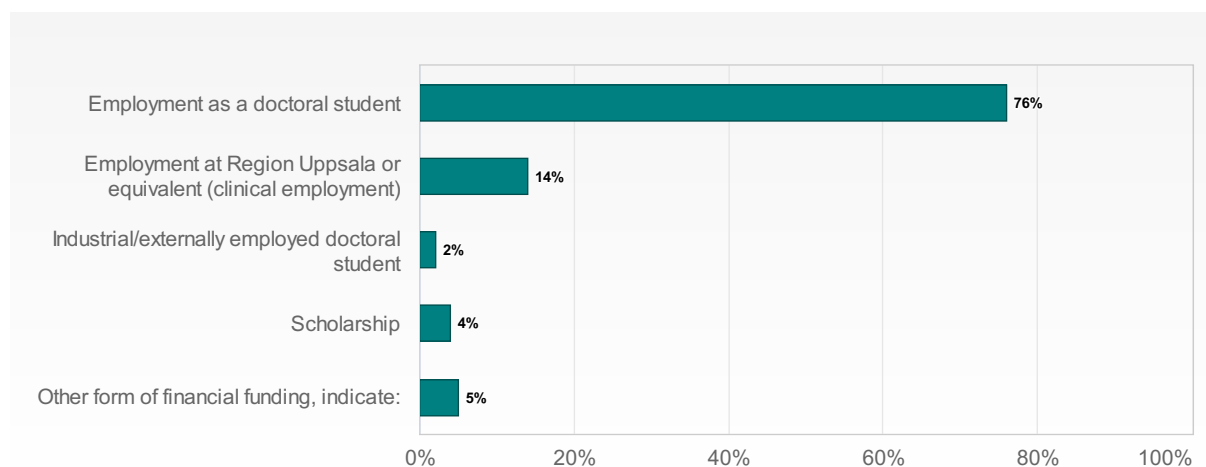
6. What year were you accepted to the doctoral programme?	Number of responses	Distribution (%)
2021	208	23%
2020	193	21%
2019	148	16%
2018	153	17%
2017	105	12%
2016	56	6%
2015	15	2%
2014	15	2%
Before 2014	20	2%
Total	913	100%

7. How much of your *effective* doctoral studies (4 years in total) have you used, i.e., excluding teaching time, parental leave, etc.?



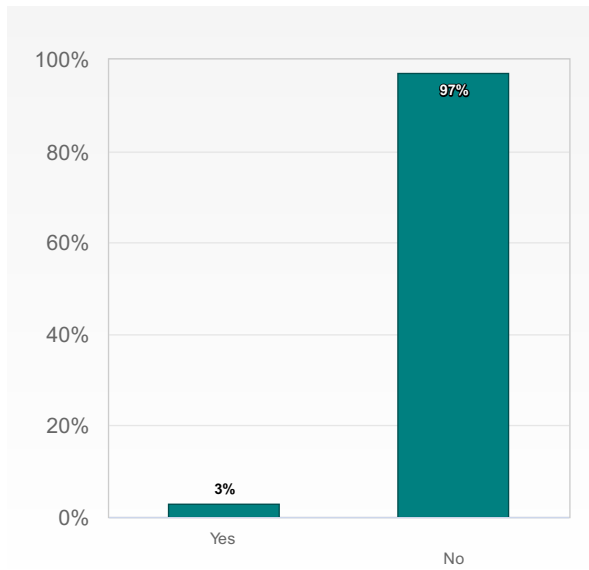
7. How much of your <i>effective</i> doctoral studies (4 years in total) have you used, i.e., excluding teaching time, parental leave, etc.?	Number of responses	Distribution (%)
Less than 1 year	234	24%
1 year or more, but less than 2 years	224	23%
2 years or more, but less than 3 years	222	22%
3 years or more, but less than 4 years	211	21%
More than 4 years but I have not yet defended my thesis	84	8%
I have defended my thesis	15	2%
Total	990	100%

8. What is your *primary* form of funding as a doctoral student in the spring semester of 2022? Choose only one response alternative.



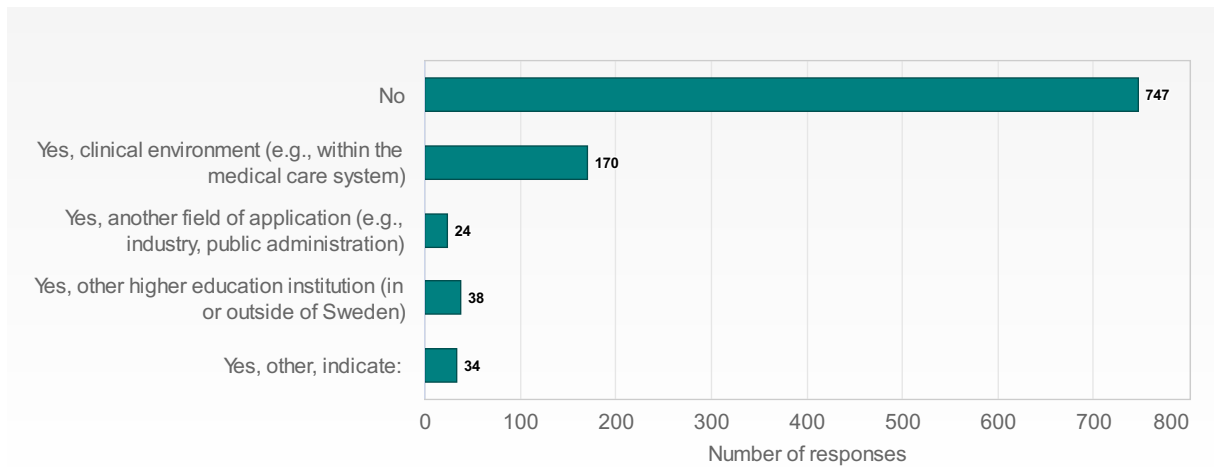
8. What is your <i>primary</i> form of funding as a doctoral student in the spring semester of 2022? Choose only <u>one</u> response alternative.	Number of responses	Distribution (%)
Employment as a doctoral student	756	76%
Employment at Region Uppsala or equivalent (clinical employment)	137	14%
Industrial/externally employed doctoral student	17	2%
Scholarship	36	4%
Other form of financial funding, indicate:	45	5%
Total	991	100%

9. Is your place of work as a doctoral student primarily located at Campus Gotland?



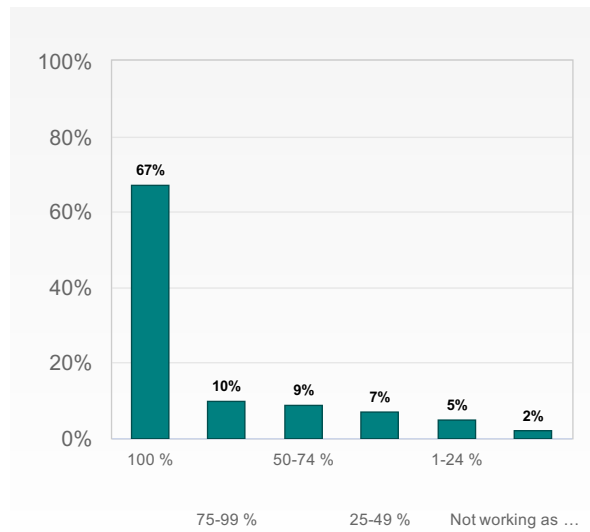
9. Is your place of work as a doctoral student primarily located at Campus Gotland?	Number of responses	Distribution (%)
Yes	28	3%
No	961	97%
Total	989	100%

10. In addition to your doctoral studies at Uppsala University, are you also active within some other environment as listed below? (Multiple choice)



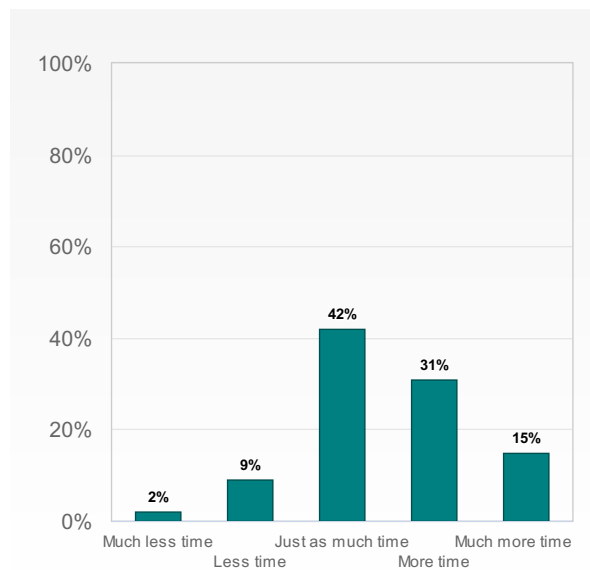
10. In addition to your doctoral studies at Uppsala University, are you also active within some other environment as listed below?	Number of responses	Distribution (%)
No	747	75%
Yes, clinical environment (e.g., within the medical care system)	170	17%
Yes, another field of application (e.g., industry, public administration)	24	2%
Yes, other higher education institution (in or outside of Sweden)	38	4%
Yes, other, indicate:	34	3%
Total	1013	102%

11. How much of a full-time position do you currently work as a doctoral student in the spring semester of 2022 (including any teaching /departmental duties)? (For those clinically active, please indicate percentage of research education time)



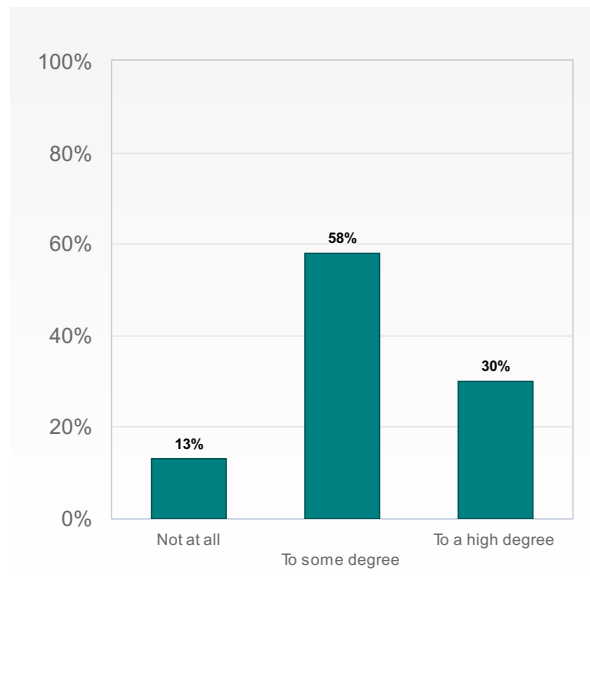
11. How much of a full-time position do you currently work as a doctoral student in the spring semester of 2022 (including any teaching /departmental duties)? (For those clinically active, please indicate percentage of research education time)	Number of responses	Distribution (%)
100 %	661	67%
75-99 %	95	10%
50-74 %	90	9%
25-49 %	69	7%
1-24 %	54	5%
Not working as a doctoral student this semester	24	2%
Total	993	100%

12. How much time do you approximately spend on your doctoral education in relation to your degree of employment?



12. How much time do you approximately spend on your doctoral education in relation to your degree of employment?	Number of responses	Distribution (%)
Much less time	24	2%
Less time	92	9%
Just as much time	412	42%
More time	309	31%
Much more time	149	15%
Total	986	100%

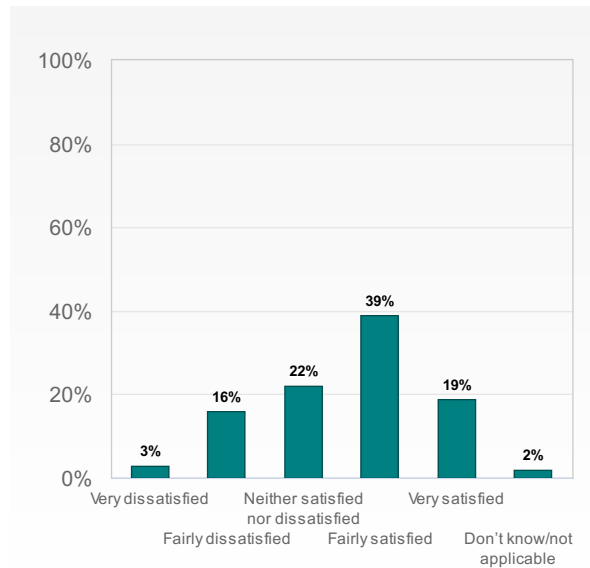
13. To what degree are you aware of the possibilities for prolongation of the doctoral education? (i.e., postponed or extended doctoral education, e.g., because of teaching/departmental duties, parental leave, sick leave, appointments.)



13. To what degree are you aware of the possibilities for prolongation of the doctoral education? (i.e., postponed or extended doctoral education, e.g., because of teaching/departmental duties, parental leave, sick leave, appointments.)	Number of responses	Distribution (%)
Not at all	125	13%
To some degree	570	58%
To a high degree	294	30%
Total	989	100%

YOUR DOCTORAL EDUCATION AT UPPSALA UNIVERSITY

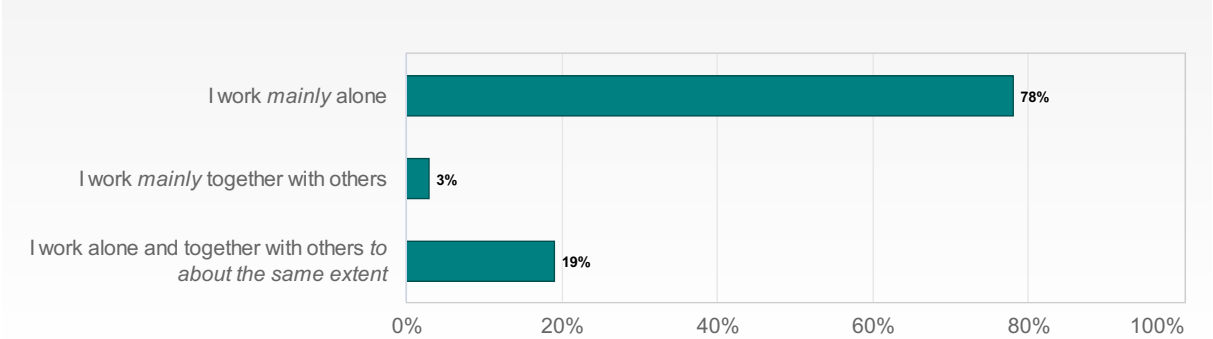
14. How satisfied are you with your introduction to the doctoral education?



14. How satisfied are you with your introduction to the doctoral education?	Number of responses	Distribution (%)
Very dissatisfied	30	3%
Fairly dissatisfied	160	16%
Neither satisfied nor dissatisfied	214	22%
Fairly satisfied	382	39%
Very satisfied	183	19%
Don't know/not applicable	18	2%
Total	987	100%

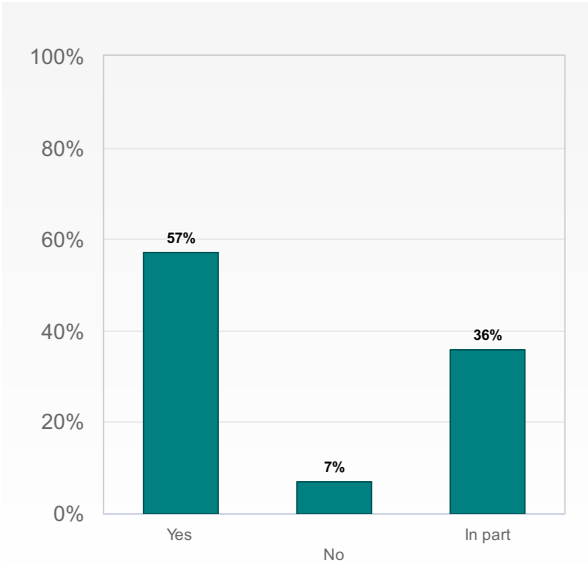
DOCTORAL EDUCATION ENVIRONMENT

15 a) What does your daily work look like as a doctoral student?



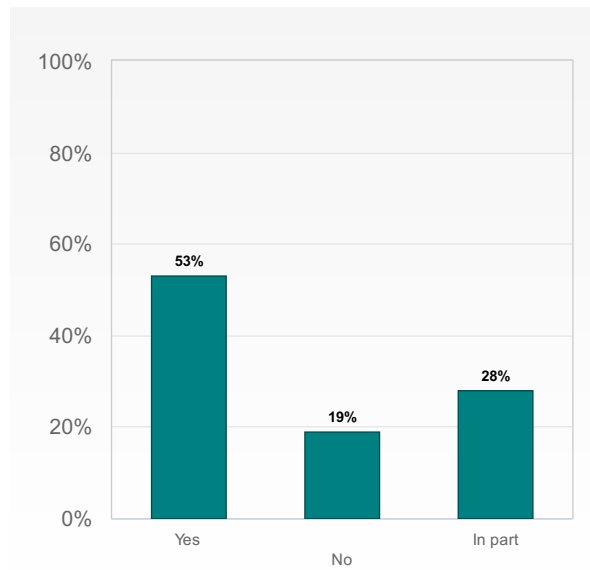
15 a) What does your daily work look like as a doctoral student?	Number of responses	Distribution (%)
I work <i>mainly</i> alone	773	78%
I work <i>mainly</i> together with others	28	3%
I work alone and together with others <i>to about the same extent</i>	190	19%
Total	991	100%

15 b) Are you satisfied with the forms of work you have marked above?



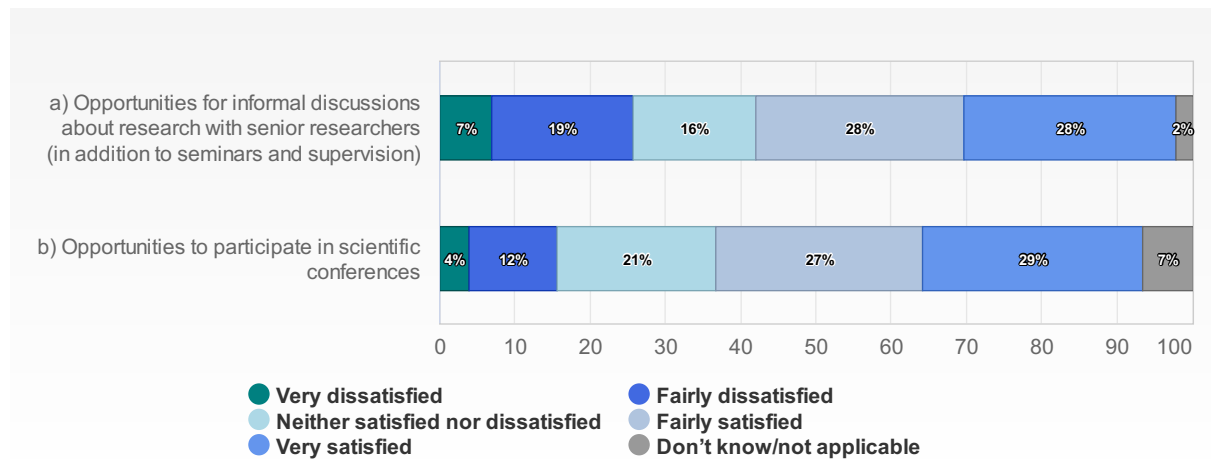
15 b) Are you satisfied with the forms of work you have marked above?	Number of responses	Distribution (%)
Yes	566	57%
No	73	7%
In part	353	36%
Total	992	100%

16. Do you feel that your doctoral environment includes a sufficient number of researchers and other doctoral students ("critical mass")?



16. Do you feel that your doctoral environment includes a sufficient number of researchers and other doctoral students ("critical mass")?	Number of responses	Distribution (%)
Yes	527	53%
No	183	19%
In part	276	28%
Total	986	100%

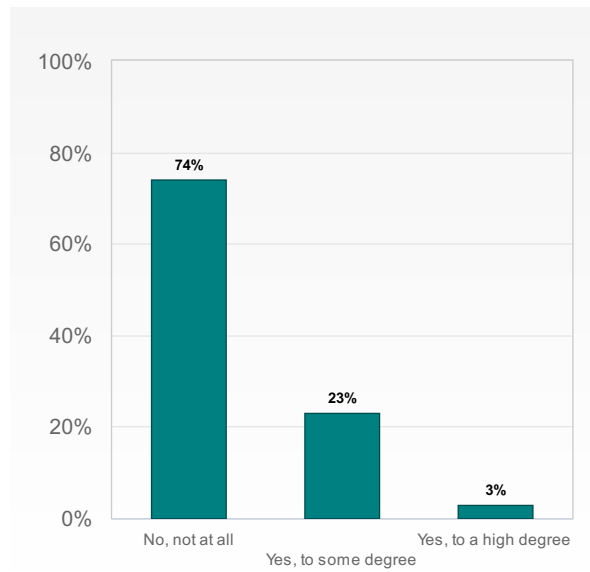
17. Assess how satisfied you are with the following aspects of your doctoral environment:



a) Opportunities for informal discussions about research with senior researchers (in addition to seminars and supervision)	Number of responses	Distribution (%)
Very dissatisfied	68	7%
Fairly dissatisfied	187	19%
Neither satisfied nor dissatisfied	163	16%
Fairly satisfied	275	28%
Very satisfied	279	28%
Don't know/not applicable	22	2%
Total	994	100%

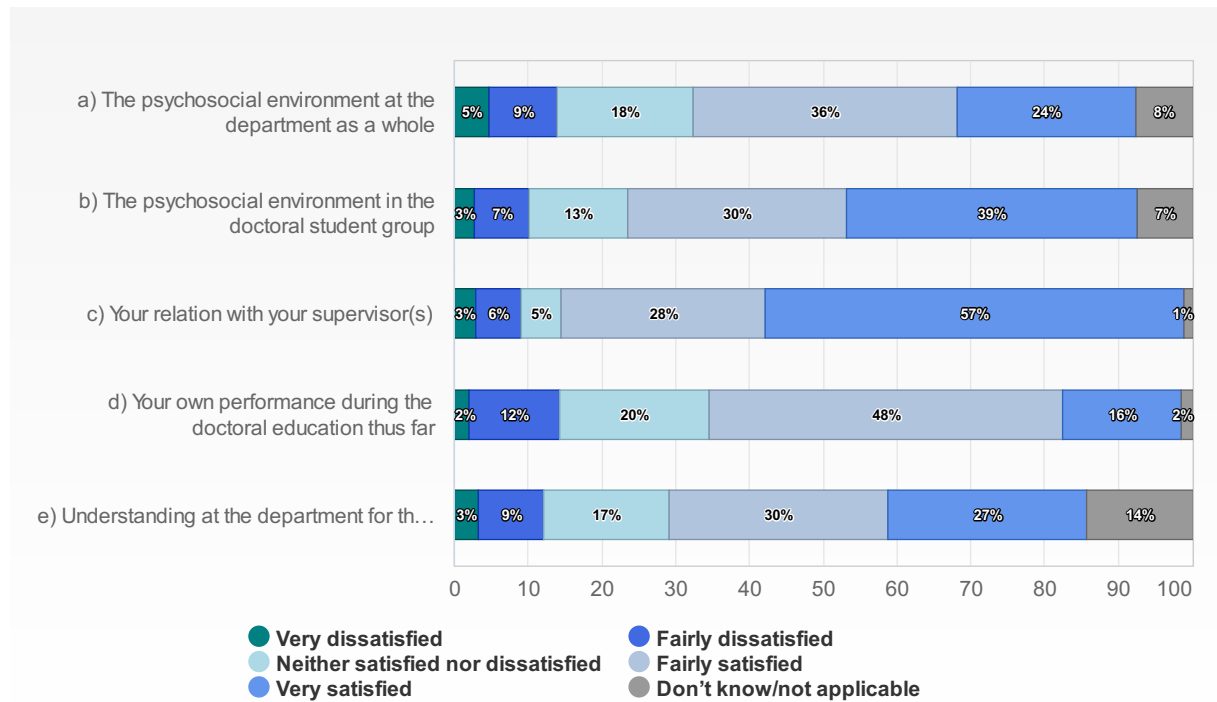
b) Opportunities to participate in scientific conferences	Number of responses	Distribution (%)
Very dissatisfied	38	4%
Fairly dissatisfied	117	12%
Neither satisfied nor dissatisfied	209	21%
Fairly satisfied	272	27%
Very satisfied	289	29%
Don't know/not applicable	65	7%
Total	990	100%

18. As a doctoral student, have you experienced language difficulties (e.g., with Swedish or English) that have made your doctoral education more difficult?



18. As a doctoral student, have you experienced language difficulties (e.g., with Swedish or English) that have made your doctoral education more difficult?	Number of responses	Distribution (%)
No, not at all	731	74%
Yes, to some degree	233	23%
Yes, to a high degree	30	3%
Total	994	100%

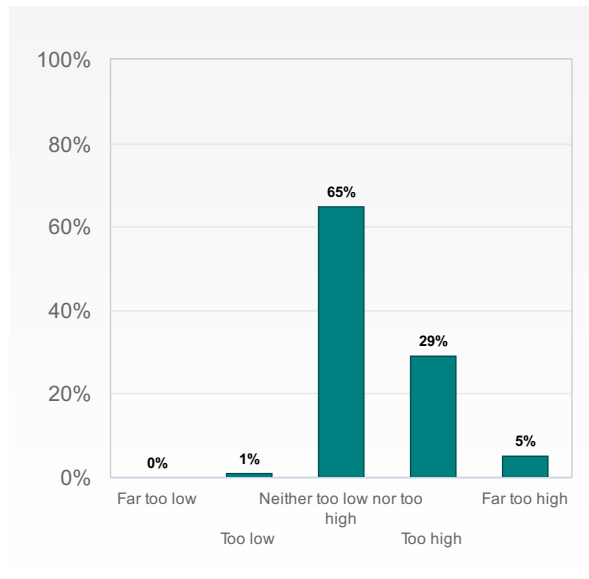
19. Assess how satisfied you are with the following:



19. Assess how satisfied you are with the following:

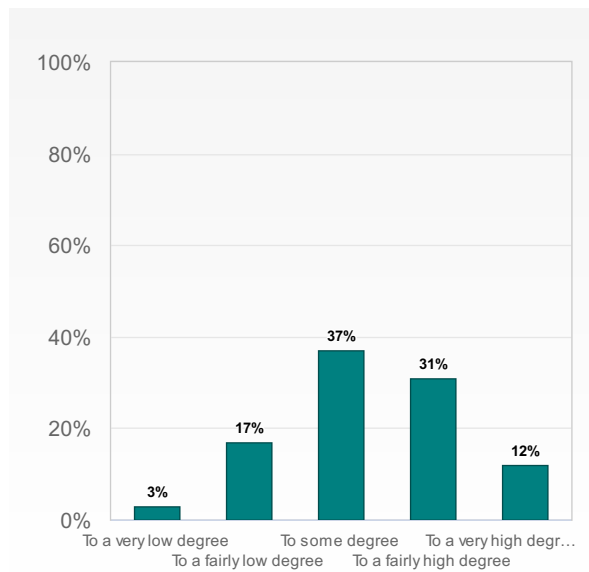
	Number of responses	Distribution (%)
a) The psychosocial environment at the department as a whole		
Very dissatisfied	47	5%
Fairly dissatisfied	91	9%
Neither satisfied nor dissatisfied	183	18%
Fairly satisfied	356	36%
Very satisfied	241	24%
Don't know/not applicable	75	8%
Total	993	100%
b) The psychosocial environment in the doctoral student group	Number of responses	Distribution (%)
Very dissatisfied	27	3%
Fairly dissatisfied	74	7%
Neither satisfied nor dissatisfied	131	13%
Fairly satisfied	295	30%
Very satisfied	389	39%
Don't know/not applicable	74	7%
Total	990	100%
c) Your relation with your supervisor(s)	Number of responses	Distribution (%)
Very dissatisfied	28	3%
Fairly dissatisfied	62	6%
Neither satisfied nor dissatisfied	53	5%
Fairly satisfied	273	28%
Very satisfied	560	57%
Don't know/not applicable	11	1%
Total	987	100%
d) Your own performance during the doctoral education thus far	Number of responses	Distribution (%)
Very dissatisfied	19	2%
Fairly dissatisfied	123	12%
Neither satisfied nor dissatisfied	200	20%
Fairly satisfied	476	48%
Very satisfied	158	16%
Don't know/not applicable	15	2%
Total	991	100%
e) Understanding at the department for the doctoral students' entire life situation (e.g., opportunities for parental leave, care of a sick child, etc.)	Number of responses	Distribution (%)
Very dissatisfied	33	3%
Fairly dissatisfied	87	9%
Neither satisfied nor dissatisfied	168	17%
Fairly satisfied	295	30%
Very satisfied	268	27%
Don't know/not applicable	141	14%
Total	992	100%

20. How do you experience the overall workload within the doctoral education?



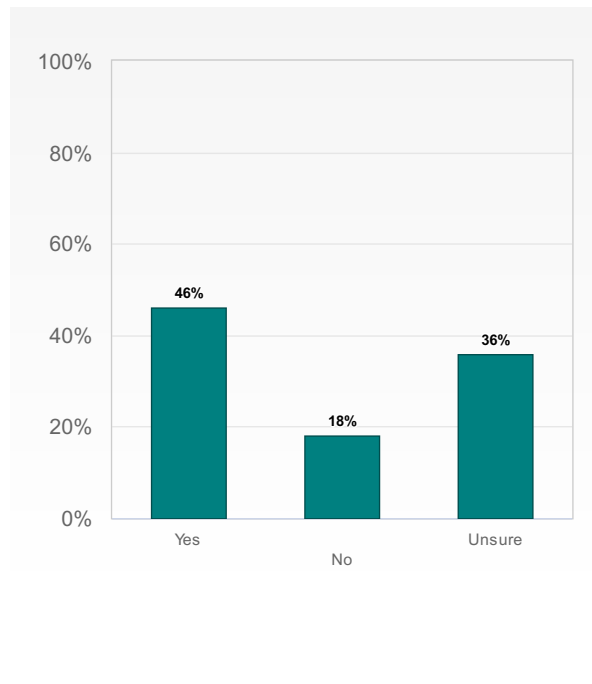
20. How do you experience the overall workload within the doctoral education?	Number of responses	Distribution (%)
Far too low	0	0%
Too low	9	1%
Neither too low nor too high	644	65%
Too high	288	29%
Far too high	50	5%
Total	991	100%

21. To what degree do you experience negative stress in relation to your doctoral education?



21. To what degree do you experience negative stress in relation to your doctoral education?	Number of responses	Distribution (%)
To a very low degree	31	3%
To a fairly low degree	169	17%
To some degree	371	37%
To a fairly high degree	304	31%
To a very high degree	118	12%
Total	993	100%

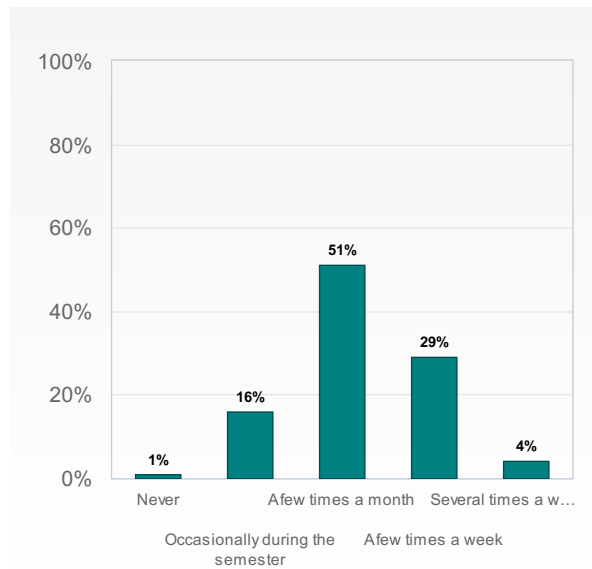
22. Do you know where you can turn if problems arise in relation to your doctoral education (beyond scholarly questions discussed within the framework for your supervision)?



22. Do you know where you can turn if problems arise in relation to your doctoral education (beyond scholarly questions discussed within the framework for your supervision)?	Number of responses	Distribution (%)
Yes	460	46%
No	177	18%
Unsure	356	36%
Total	993	100%

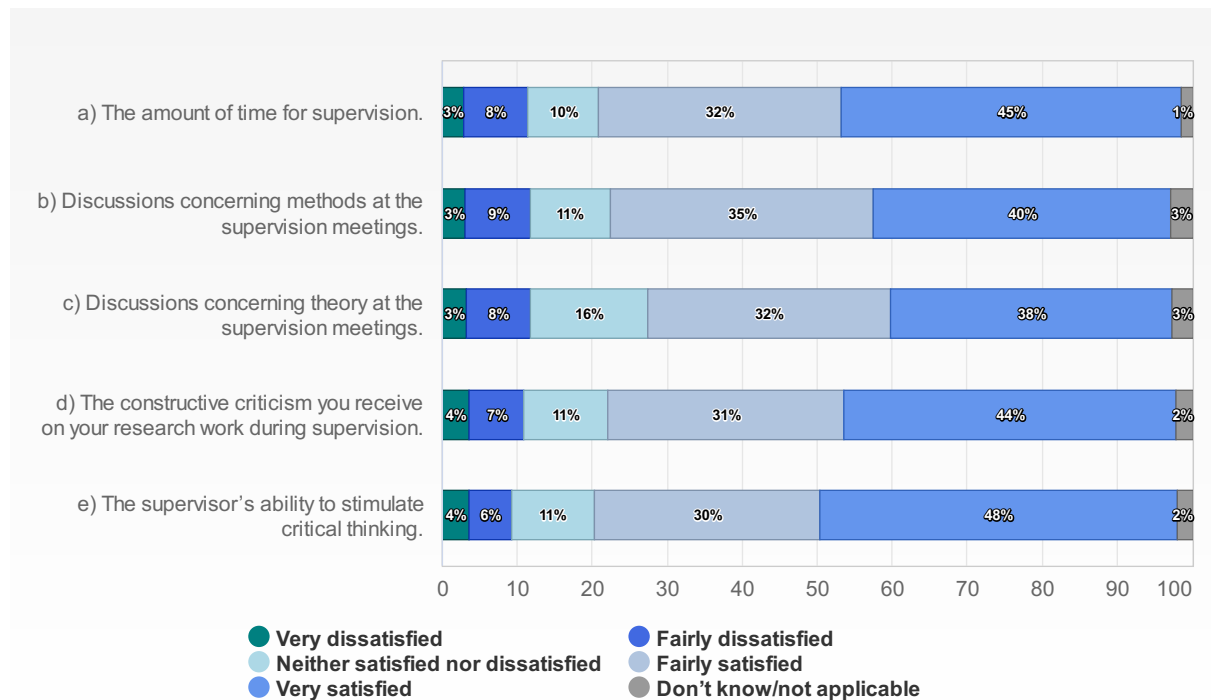
SUPERVISION

23. How often do you normally meet for supervision with your supervisor(s)?



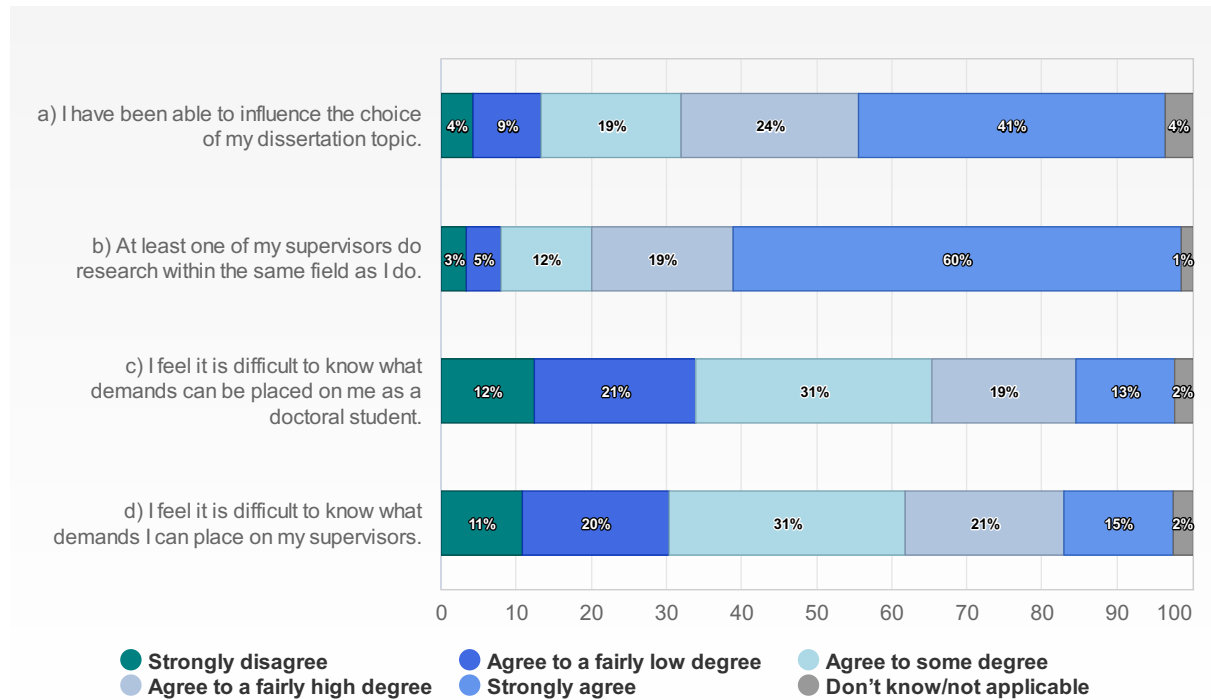
23. How often do you normally meet for supervision with your supervisor(s)?	Number of responses	Distribution (%)
Never	6	1%
Occasionally during the semester	156	16%
A few times a month	510	51%
A few times a week	283	29%
Several times a week	36	4%
Total	991	100%

24. Assess how satisfied you are with the following aspects of the supervision:



Aspect	Number of responses	Distribution (%)
a) The amount of time for supervision.		
Very dissatisfied	28	3%
Fairly dissatisfied	84	8%
Neither satisfied nor dissatisfied	94	10%
Fairly satisfied	320	32%
Very satisfied	449	45%
Don't know/not applicable	14	1%
Total	989	100%
b) Discussions concerning methods at the supervision meetings.		
Very dissatisfied	30	3%
Fairly dissatisfied	86	9%
Neither satisfied nor dissatisfied	106	11%
Fairly satisfied	347	35%
Very satisfied	393	40%
Don't know/not applicable	28	3%
Total	990	100%
c) Discussions concerning theory at the supervision meetings.		
Very dissatisfied	32	3%
Fairly dissatisfied	84	8%
Neither satisfied nor dissatisfied	156	16%
Fairly satisfied	320	32%
Very satisfied	372	38%
Don't know/not applicable	26	3%
Total	990	100%
d) The constructive criticism you receive on your research work during supervision.		
Very dissatisfied	35	4%
Fairly dissatisfied	72	7%
Neither satisfied nor dissatisfied	112	11%
Fairly satisfied	312	31%
Very satisfied	440	44%
Don't know/not applicable	21	2%
Total	992	100%
e) The supervisor's ability to stimulate critical thinking.		
Very dissatisfied	35	4%
Fairly dissatisfied	56	6%
Neither satisfied nor dissatisfied	111	11%
Fairly satisfied	298	30%
Very satisfied	472	48%
Don't know/not applicable	20	2%
Total	992	100%

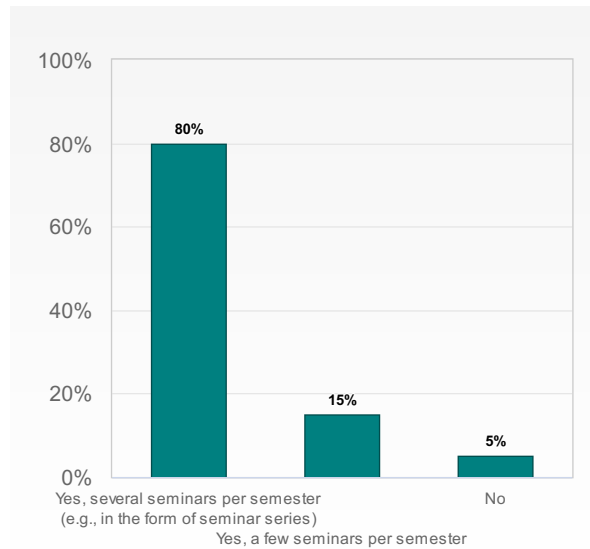
25. To what degree do you agree with the following statements?



Statement	Number of responses	Distribution (%)
a) I have been able to influence the choice of my dissertation topic.		
Strongly disagree	43	4%
Agree to a fairly low degree	89	9%
Agree to some degree	186	19%
Agree to a fairly high degree	235	24%
Strongly agree	405	41%
Don't know/not applicable	36	4%
Total	994	100%
b) At least one of my supervisors do research within the same field as I do.		
Strongly disagree	34	3%
Agree to a fairly low degree	46	5%
Agree to some degree	119	12%
Agree to a fairly high degree	187	19%
Strongly agree	591	60%
Don't know/not applicable	14	1%
Total	991	100%
c) I feel it is difficult to know what demands can be placed on me as a doctoral student.		
Strongly disagree	124	13%
Agree to a fairly low degree	213	21%
Agree to some degree	311	31%
Agree to a fairly high degree	191	19%
Strongly agree	130	13%
Don't know/not applicable	23	2%
Total	992	100%
d) I feel it is difficult to know what demands I can place on my supervisors.		
Strongly disagree	107	11%
Agree to a fairly low degree	195	20%
Agree to some degree	312	31%
Agree to a fairly high degree	211	21%
Strongly agree	145	15%
Don't know/not applicable	24	2%
Total	994	100%

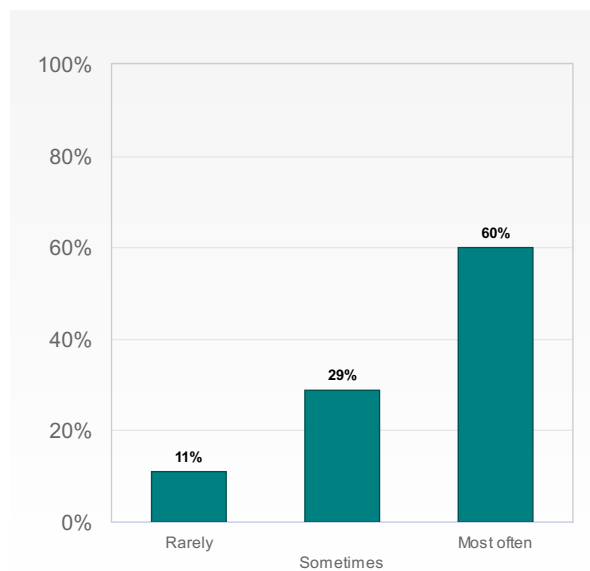
SEMINARS AND COURSES

26. Are seminars held at your department or in your research group/equivalent? (Seminars here mean scholarly discussions in the form of organised meetings with other researchers and doctoral students than at supervision meetings).



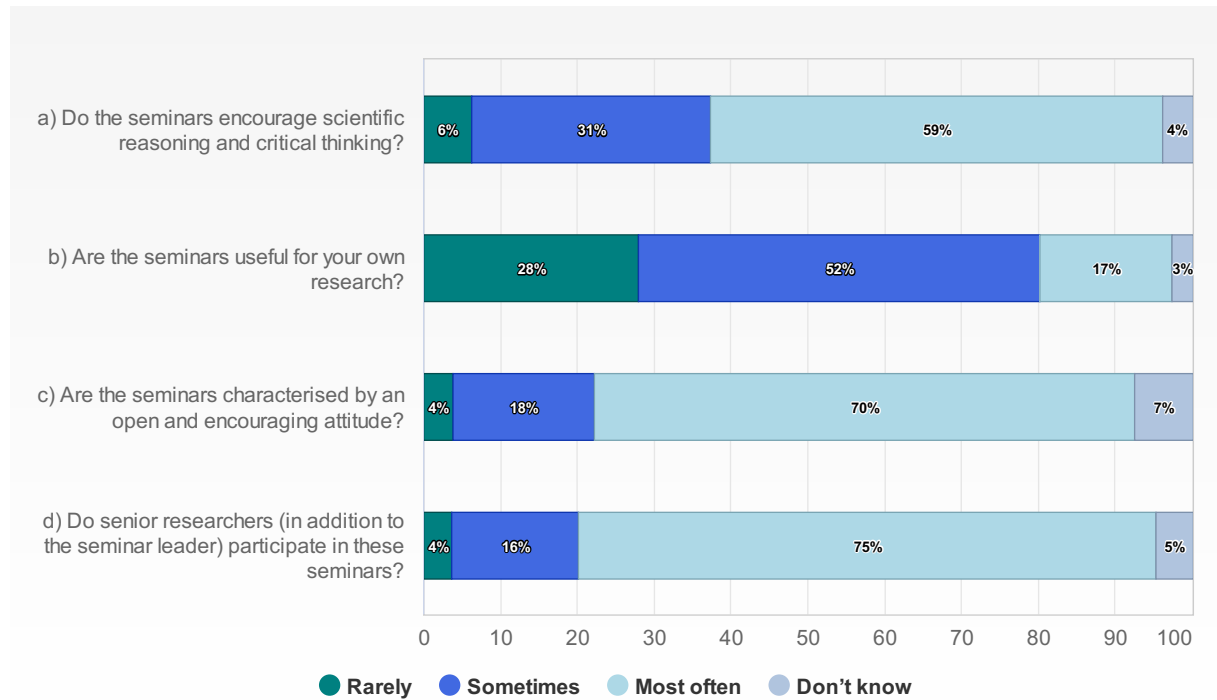
26. Are seminars held at your department or in your research group/equivalent? (Seminars here mean scholarly discussions in the form of organised meetings with other researchers and doctoral students than at supervision meetings).	Number of responses	Distribution (%)
Yes, several seminars per semester (e.g., in the form of seminar series)	795	80%
Yes, a few seminars per semester	150	15%
No	46	5%
Total	991	100%

27. How often do you usually participate in the seminars?



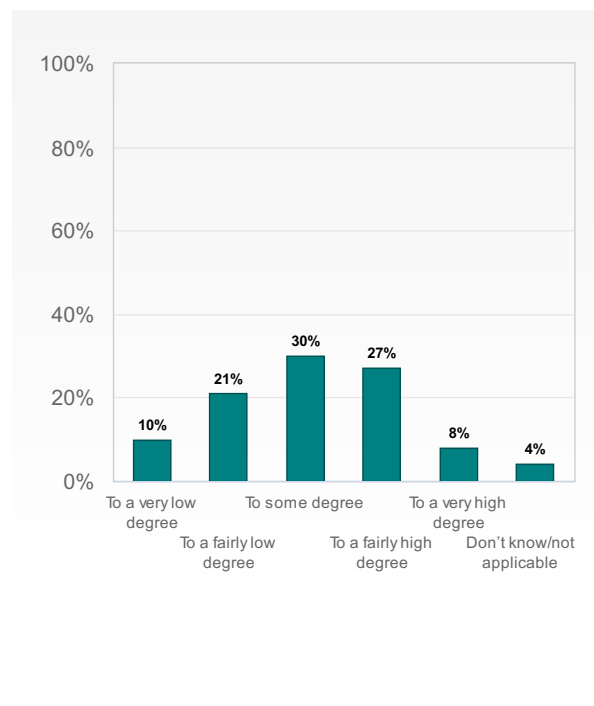
27. How often do you usually participate in the seminars?	Number of responses	Distribution (%)
Rarely	100	11%
Sometimes	273	29%
Most often	568	60%
Total	941	100%

28. Please respond to the following questions about seminars at your department or in your research group/equivalent:



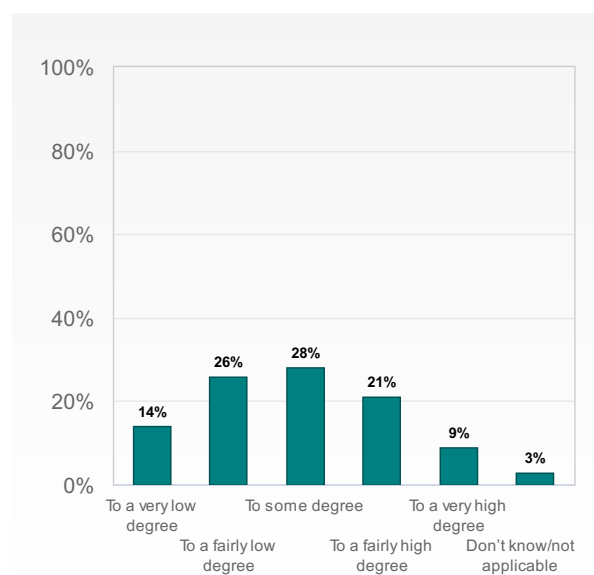
Question	Number of responses	Distribution (%)
a) Do the seminars encourage scientific reasoning and critical thinking?		
Rarely	59	6%
Sometimes	293	31%
Most often	556	59%
Don't know	36	4%
Total	944	100%
b) Are the seminars useful for your own research?		
Rarely	264	28%
Sometimes	494	52%
Most often	163	17%
Don't know	24	3%
Total	945	100%
c) Are the seminars characterised by an open and encouraging attitude?		
Rarely	36	4%
Sometimes	174	18%
Most often	663	70%
Don't know	70	7%
Total	943	100%
d) Do senior researchers (in addition to the seminar leader) participate in these seminars?		
Rarely	35	4%
Sometimes	155	16%
Most often	709	75%
Don't know	45	5%
Total	944	100%

29. To what degree do you feel that the range of offered doctoral courses is satisfactory?



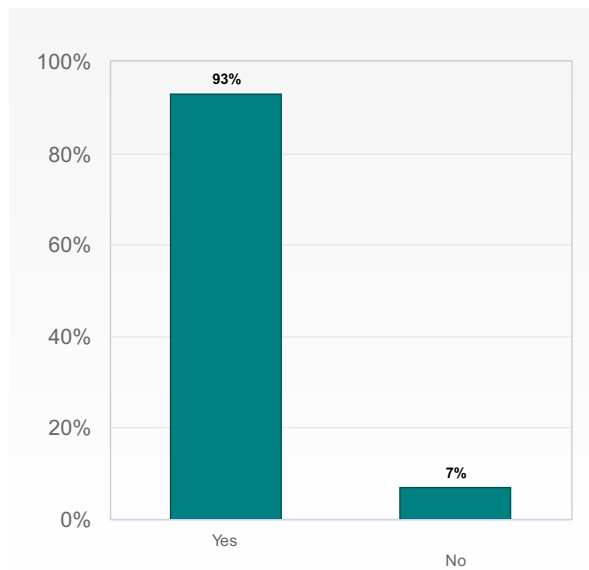
29. To what degree do you feel that the range of offered doctoral courses is satisfactory?	Number of responses	Distribution (%)
To a very low degree	99	10%
To a fairly low degree	207	21%
To some degree	301	30%
To a fairly high degree	269	27%
To a very high degree	78	8%
Don't know/not applicable	40	4%
Total	994	100%

30. To what degree do you feel that the information about available doctoral courses is satisfactory?



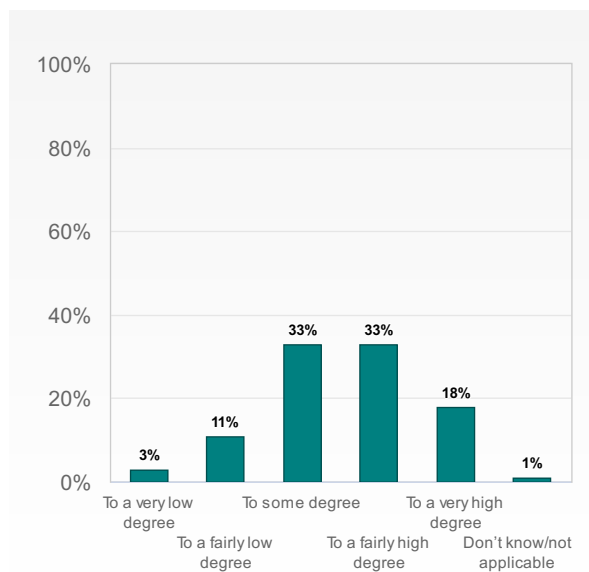
30. To what degree do you feel that the information about available doctoral courses is satisfactory?	Number of responses	Distribution (%)
To a very low degree	137	14%
To a fairly low degree	261	26%
To some degree	273	28%
To a fairly high degree	210	21%
To a very high degree	85	9%
Don't know/not applicable	26	3%
Total	992	100%

31. Have you taken any doctoral courses yet?



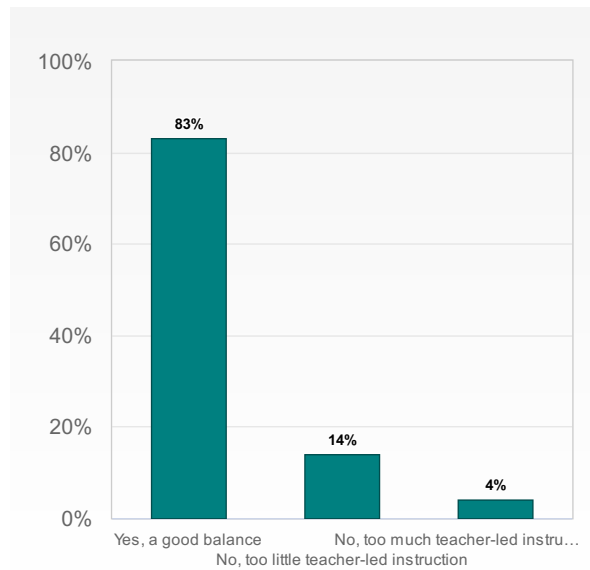
31. Have you taken any doctoral courses yet?	Number of responses	Distribution (%)
Yes	925	93%
No	67	7%
Total	992	100%

32. To what degree do you feel that the course content overall has been relevant for your dissertation work?



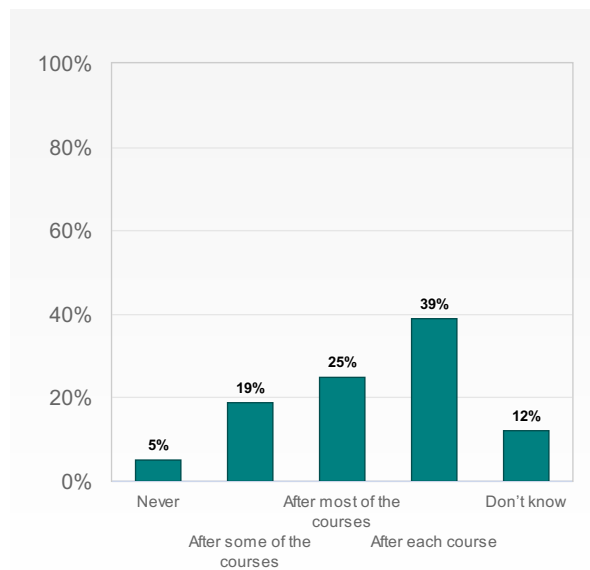
32. To what degree do you feel that the course content overall has been relevant for your dissertation work?	Number of responses	Distribution (%)
To a very low degree	30	3%
To a fairly low degree	102	11%
To some degree	307	33%
To a fairly high degree	306	33%
To a very high degree	167	18%
Don't know/not applicable	9	1%
Total	921	100%

33. Overall, are you satisfied with the percentage of teacher-led instruction in relation to the percentage of self-studies on the doctoral courses?



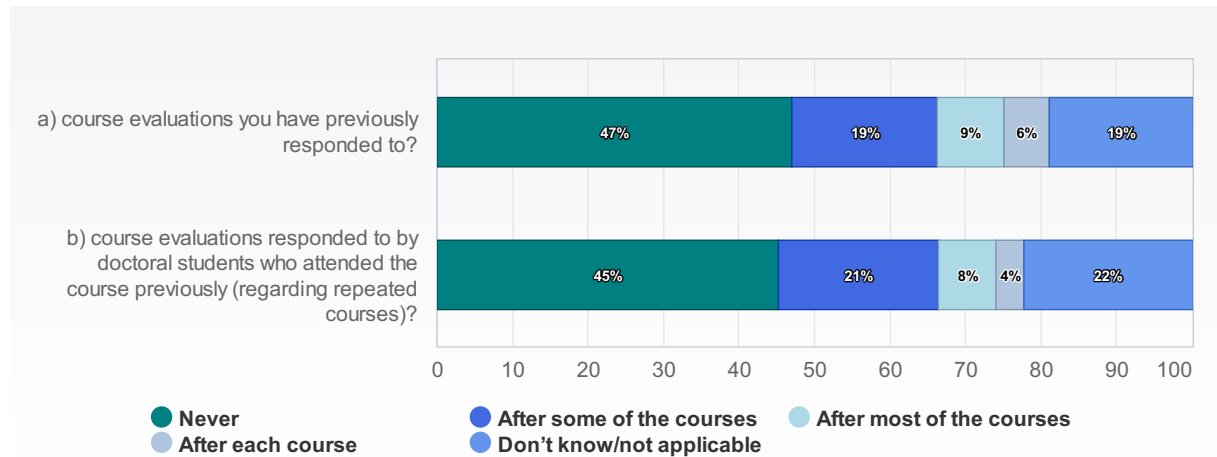
33. Overall, are you satisfied with the percentage of teacher-led instruction in relation to the percentage of self-studies on the doctoral courses?	Number of responses	Distribution (%)
Yes, a good balance	761	83%
No, too little teacher-led instruction	126	14%
No, too much teacher-led instruction	33	4%
Total	920	100%

34. How often have course evaluations (oral or written) been conducted on the doctoral courses you have attended?



34. How often have course evaluations (oral or written) been conducted on the doctoral courses you have attended?	Number of responses	Distribution (%)
Never	49	5%
After some of the courses	175	19%
After most of the courses	229	25%
After each course	362	39%
Don't know	109	12%
Total	924	100%

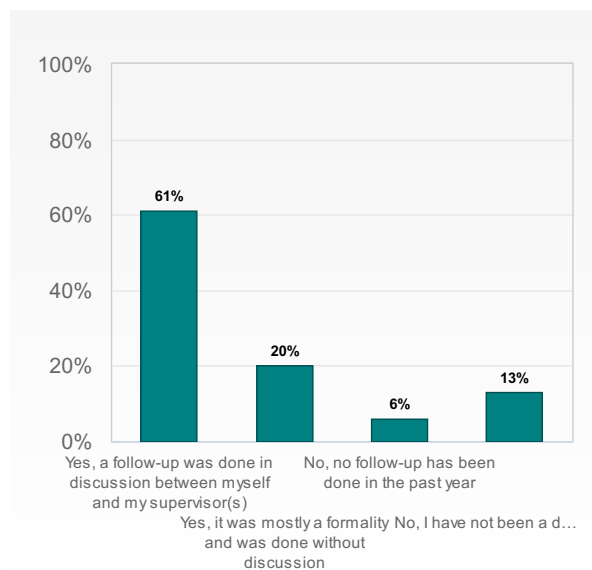
35. How often have you received information on the results and possible measures for:



a) course evaluations you have previously responded to?	Number of responses	Distribution (%)
Never	433	47%
After some of the courses	178	19%
After most of the courses	81	9%
After each course	55	6%
Don't know/not applicable	175	19%
Total	922	100%
b) course evaluations responded to by doctoral students who attended the course previously (regarding repeated courses)?	Number of responses	Distribution (%)
Never	415	45%
After some of the courses	196	21%
After most of the courses	69	8%
After each course	35	4%
Don't know/not applicable	204	22%
Total	919	100%

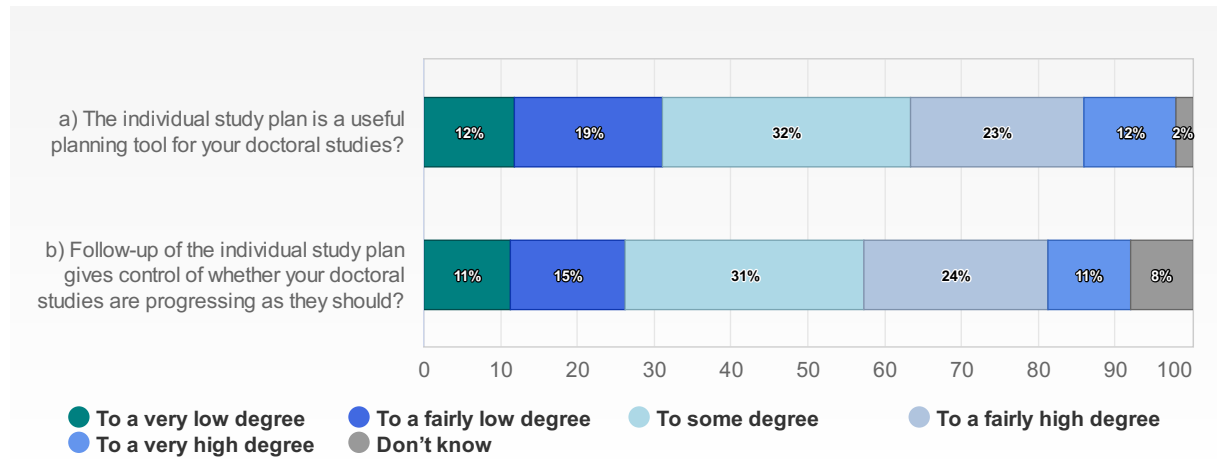
INDIVIDUAL STUDY PLAN

36. Has your individual study plan been followed up in the past year?



36. Has your individual study plan been followed up in the past year?	Number of responses	Distribution (%)
Yes, a follow-up was done in discussion between myself and my supervisor(s)	605	61%
Yes, it was mostly a formality and was done without discussion	201	20%
No, no follow-up has been done in the past year	61	6%
No, I have not been a doctoral student long enough (less than one year)	125	13%
Total	992	100%

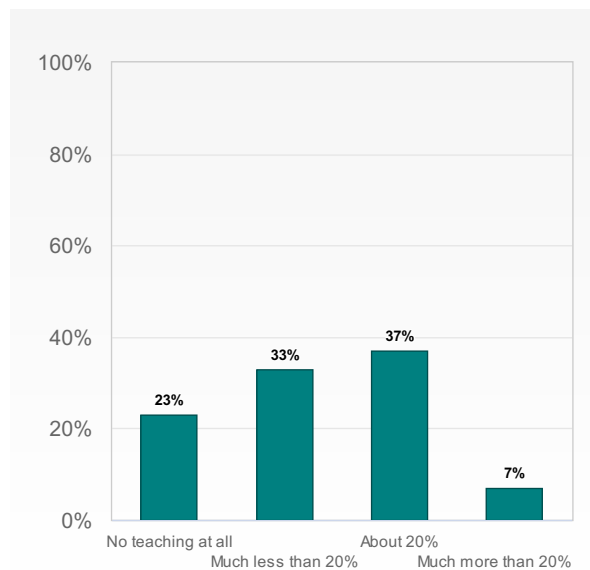
37. To what degree do you feel that:



	Number of responses	Distribution (%)
a) The individual study plan is a useful planning tool for your doctoral studies?		
To a very low degree	117	12%
To a fairly low degree	192	19%
To some degree	321	32%
To a fairly high degree	224	23%
To a very high degree	119	12%
Don't know	20	2%
Total	993	100%
b) Follow-up of the individual study plan gives control of whether your doctoral studies are progressing as they should?		
To a very low degree	112	11%
To a fairly low degree	147	15%
To some degree	308	31%
To a fairly high degree	238	24%
To a very high degree	107	11%
Don't know	79	8%
Total	991	100%

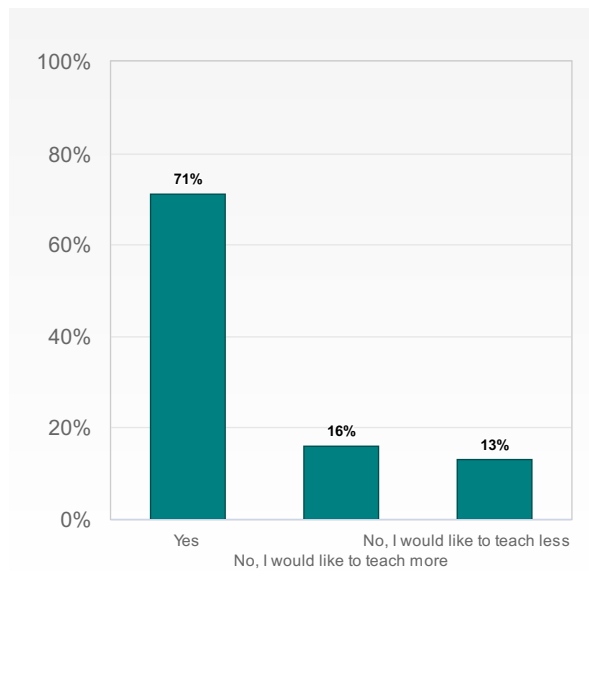
TEACHING AND PEDAGOGICAL QUALIFICATIONS

38. To what extent have you taught so far during your doctoral education? (Indicate an average for your total time as a doctoral student).



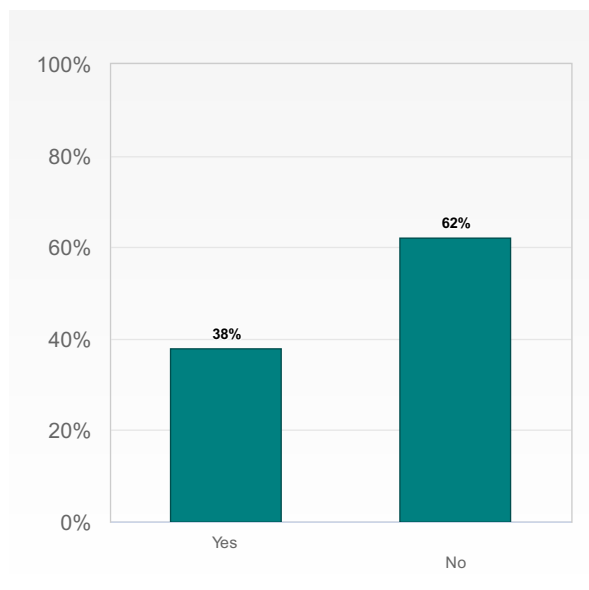
	Number of responses	Distribution (%)
38. To what extent have you taught so far during your doctoral education? (Indicate an average for your total time as a doctoral student).		
No teaching at all	229	23%
Much less than 20%	332	33%
About 20%	364	37%
Much more than 20%	69	7%
Total	994	100%

39. Are you satisfied with the extent of your own teaching?



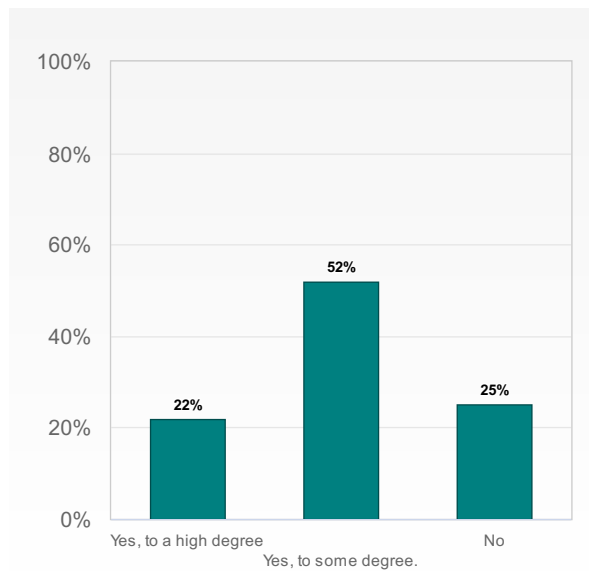
39. Are you satisfied with the extent of your own teaching?	Number of responses	Distribution (%)
Yes	538	71%
No, I would like to teach more	125	16%
No, I would like to teach less	97	13%
Total	760	100%

40. Have you attended an academic teaching training course?



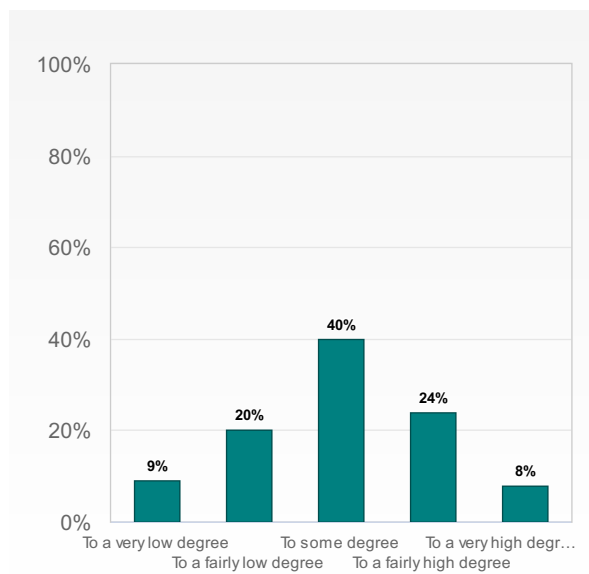
40. Have you attended an academic teaching training course?	Number of responses	Distribution (%)
Yes	381	38%
No	611	62%
Total	992	100%

41. Has the academic teaching training course been useful for your own teaching?



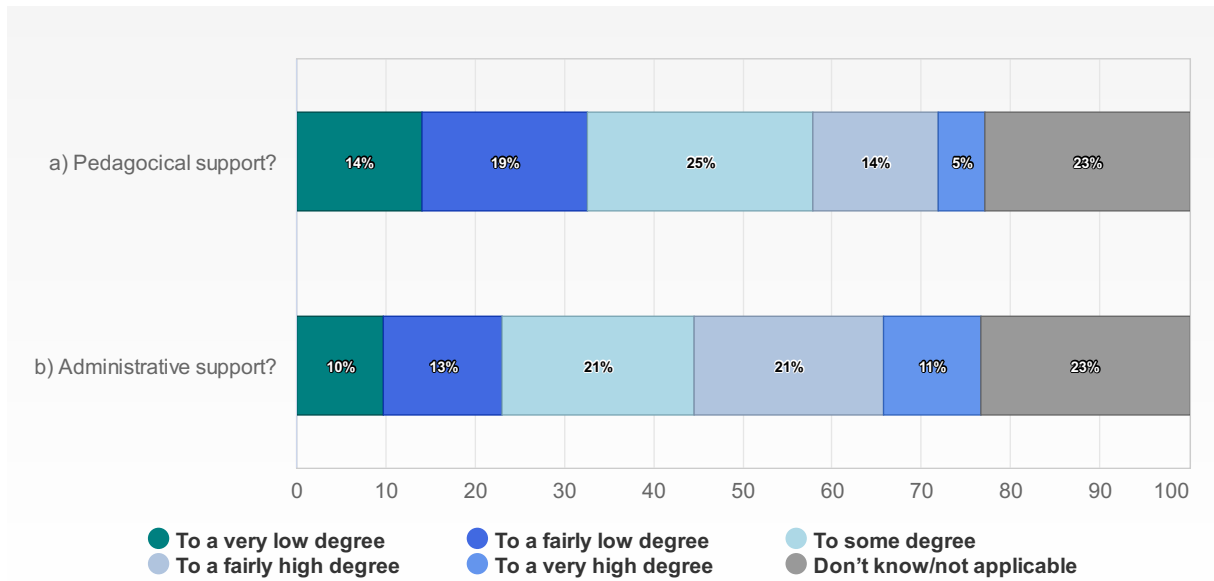
41. Has the academic teaching training course been useful for your own teaching?	Number of responses	Distribution (%)
Yes, to a high degree	76	22%
Yes, to some degree.	179	52%
No	87	25%
Total	342	100%

42. To what degree do you feel you have a need for additional teaching training?



42. To what degree do you feel you have a need for additional teaching training?	Number of responses	Distribution (%)
To a very low degree	83	9%
To a fairly low degree	192	20%
To some degree	392	40%
To a fairly high degree	230	24%
To a very high degree	77	8%
Total	974	100%

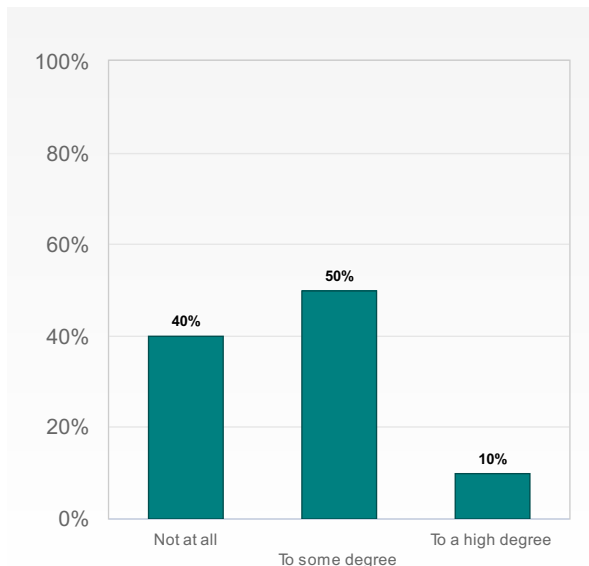
43. To what degree do you feel you have received support from the department/equivalent regarding your own teaching?



a) Pedagogical support?	Number of responses	Distribution (%)
To a very low degree	139	14%
To a fairly low degree	183	19%
To some degree	249	25%
To a fairly high degree	139	14%
To a very high degree	52	5%
Don't know/not applicable	225	23%
Total	987	100%
b) Administrative support?	Number of responses	Distribution (%)
To a very low degree	96	10%
To a fairly low degree	130	13%
To some degree	211	21%
To a fairly high degree	209	21%
To a very high degree	107	11%
Don't know/not applicable	229	23%
Total	982	100%

QUALITATIVE TARGETS FOR DOCTORAL EDUCATION

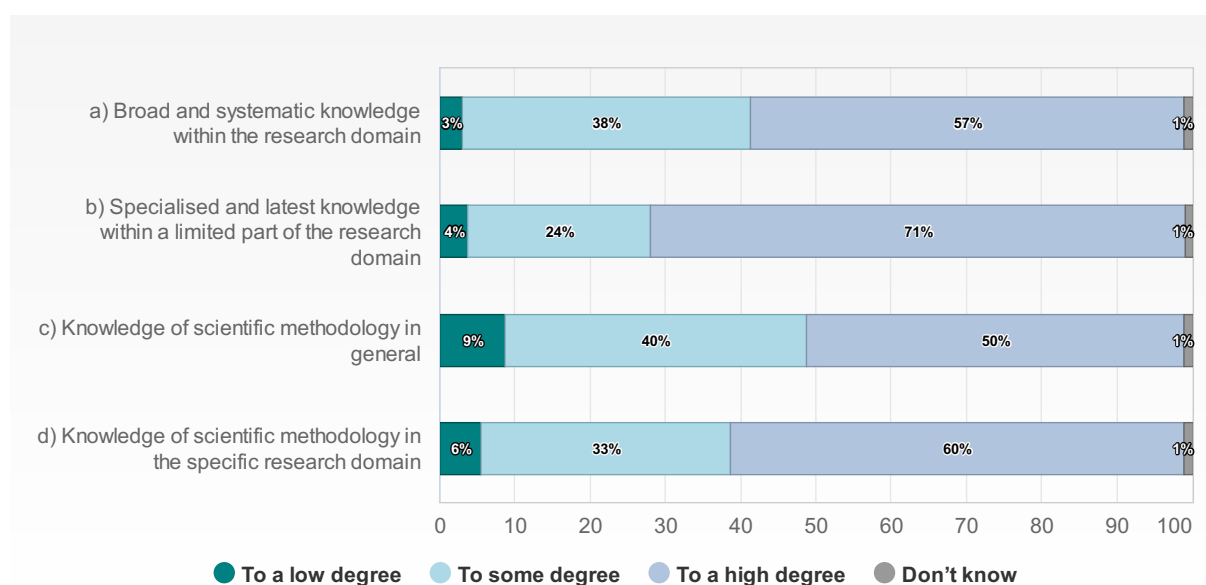
44. The Higher Education Ordinance lists several qualitative targets for third-cycle/doctoral education. To what degree are you familiar with these targets?



44. The Higher Education Ordinance lists several qualitative targets for third-cycle /doctoral education. To what degree are you familiar with these targets?	Number of responses	Distribution (%)
Not at all	395	40%
To some degree	497	50%
To a high degree	101	10%
Total	993	100%

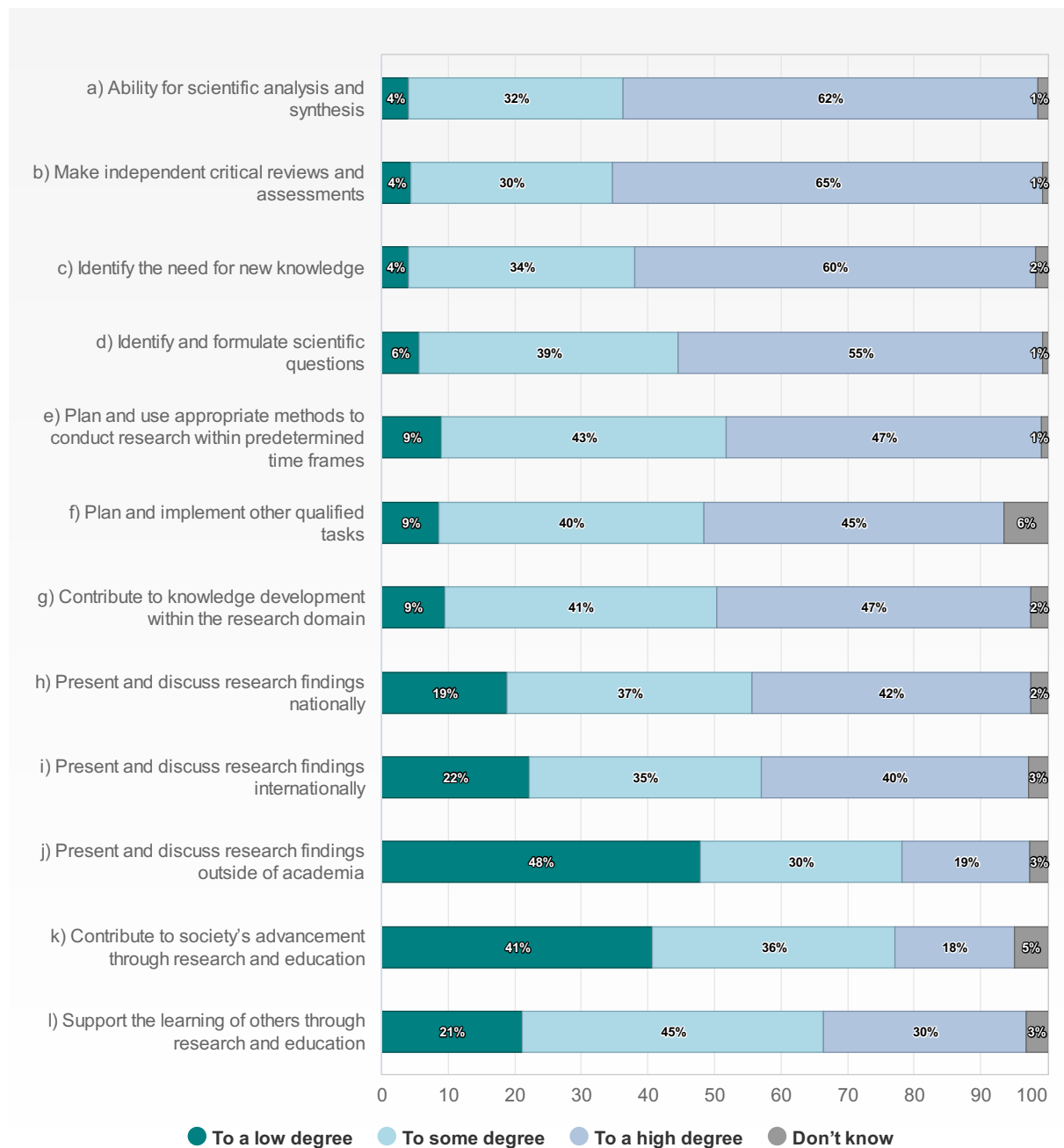
The following questions concerning the qualitative targets are only answered if you have completed half or more of your doctoral studies.

45. To what degree do you feel that you have been given opportunities to develop the following aspects in terms of **knowledge and understanding** within the framework for your doctoral education?



a) Broad and systematic knowledge within the research domain	Number of responses	Distribution (%)
To a low degree	16	3%
To some degree	202	38%
To a high degree	303	57%
Don't know	6	1%
Total	527	100%
b) Specialised and latest knowledge within a limited part of the research domain	Number of responses	Distribution (%)
To a low degree	20	4%
To some degree	128	24%
To a high degree	374	71%
Don't know	5	1%
Total	527	100%
c) Knowledge of scientific methodology in general	Number of responses	Distribution (%)
To a low degree	46	9%
To some degree	211	40%
To a high degree	264	50%
Don't know	6	1%
Total	527	100%
d) Knowledge of scientific methodology in the specific research domain	Number of responses	Distribution (%)
To a low degree	29	6%
To some degree	174	33%
To a high degree	317	60%
Don't know	6	1%
Total	526	100%

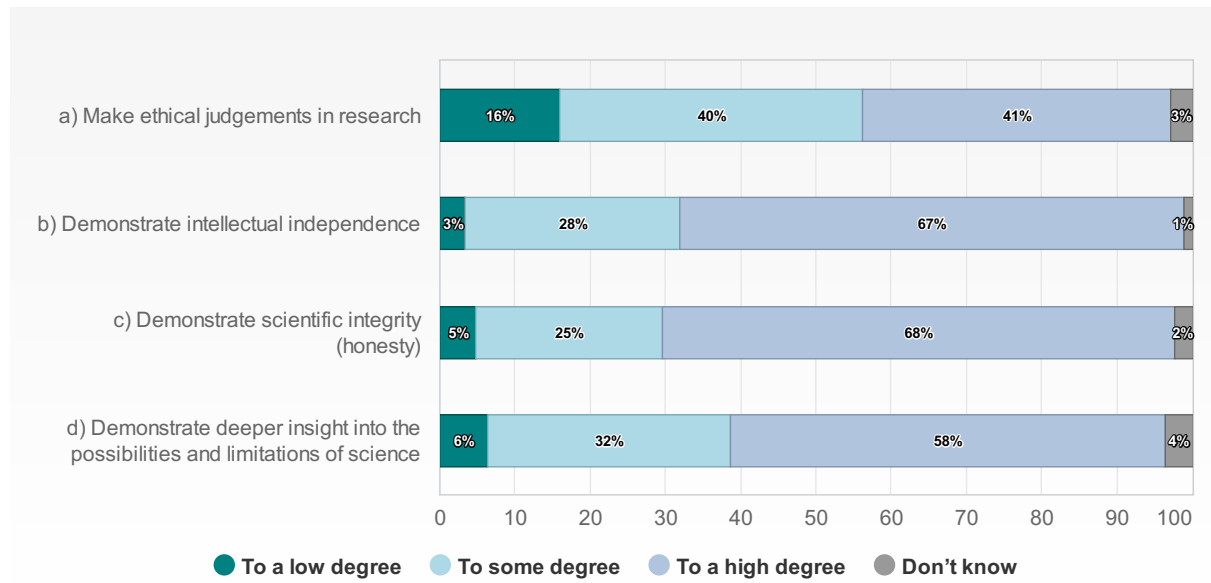
46. To what degree do you feel that you have been given opportunities to develop the following aspects in terms of *proficiency and ability* within the framework for your doctoral education?



46. To what degree do you feel that you have been given opportunities to develop the following aspects in terms of *proficiency and ability* within the framework for your doctoral education?

	Number of responses	Distribution (%)
a) Ability for scientific analysis and synthesis		
To a low degree	21	4%
To some degree	171	32%
To a high degree	331	62%
Don't know	7	1%
Total	530	100%
b) Make independent critical reviews and assessments		
To a low degree	23	4%
To some degree	161	30%
To a high degree	342	65%
Don't know	4	1%
Total	530	100%
c) Identify the need for new knowledge		
To a low degree	21	4%
To some degree	181	34%
To a high degree	319	60%
Don't know	9	2%
Total	530	100%
d) Identify and formulate scientific questions		
To a low degree	30	6%
To some degree	206	39%
To a high degree	290	55%
Don't know	4	1%
Total	530	100%
e) Plan and use appropriate methods to conduct research within predetermined time frames		
To a low degree	47	9%
To some degree	225	43%
To a high degree	249	47%
Don't know	5	1%
Total	526	100%
f) Plan and implement other qualified tasks		
To a low degree	45	9%
To some degree	210	40%
To a high degree	238	45%
Don't know	34	6%
Total	527	100%
g) Contribute to knowledge development within the research domain		
To a low degree	50	9%
To some degree	216	41%
To a high degree	250	47%
Don't know	13	2%
Total	529	100%
h) Present and discuss research findings nationally		
To a low degree	100	19%
To some degree	194	37%
To a high degree	222	42%
Don't know	13	2%
Total	529	100%
i) Present and discuss research findings internationally		
To a low degree	117	22%
To some degree	184	35%
To a high degree	211	40%
Don't know	15	3%
Total	527	100%
j) Present and discuss research findings outside of academia		
To a low degree	252	48%
To some degree	160	30%
To a high degree	101	19%
Don't know	14	3%
Total	527	100%
k) Contribute to society's advancement through research and education		
To a low degree	215	41%
To some degree	193	36%
To a high degree	95	18%
Don't know	26	5%
Total	529	100%
l) Support the learning of others through research and education		
To a low degree	112	21%
To some degree	238	45%
To a high degree	161	30%
Don't know	17	3%
Total	528	100%

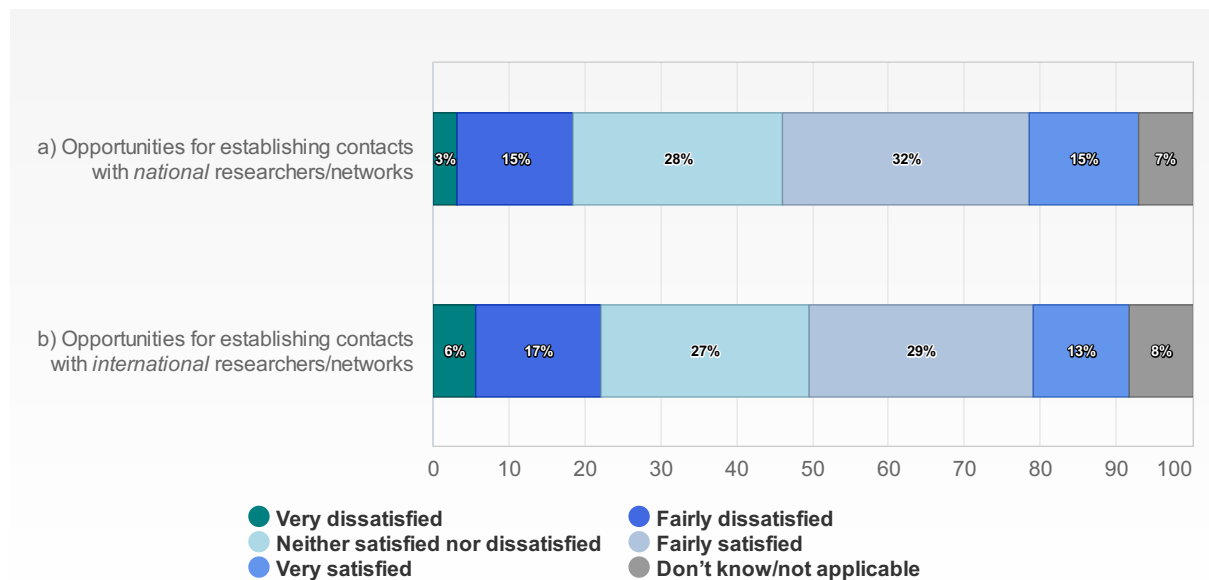
47. To what degree do you feel that you have been given opportunities to develop the following aspects in terms of *judgement and approach* within the framework for your doctoral education?



Aspect	Number of responses	Distribution (%)
a) Make ethical judgements in research		
To a low degree	85	16%
To some degree	213	40%
To a high degree	217	41%
Don't know	15	3%
Total	530	100%
b) Demonstrate intellectual independence		
To a low degree	18	3%
To some degree	151	28%
To a high degree	355	67%
Don't know	6	1%
Total	530	100%
c) Demonstrate scientific integrity (honesty)		
To a low degree	25	5%
To some degree	132	25%
To a high degree	360	68%
Don't know	12	2%
Total	529	100%
d) Demonstrate deeper insight into the possibilities and limitations of science		
To a low degree	34	6%
To some degree	170	32%
To a high degree	305	58%
Don't know	19	4%
Total	528	100%

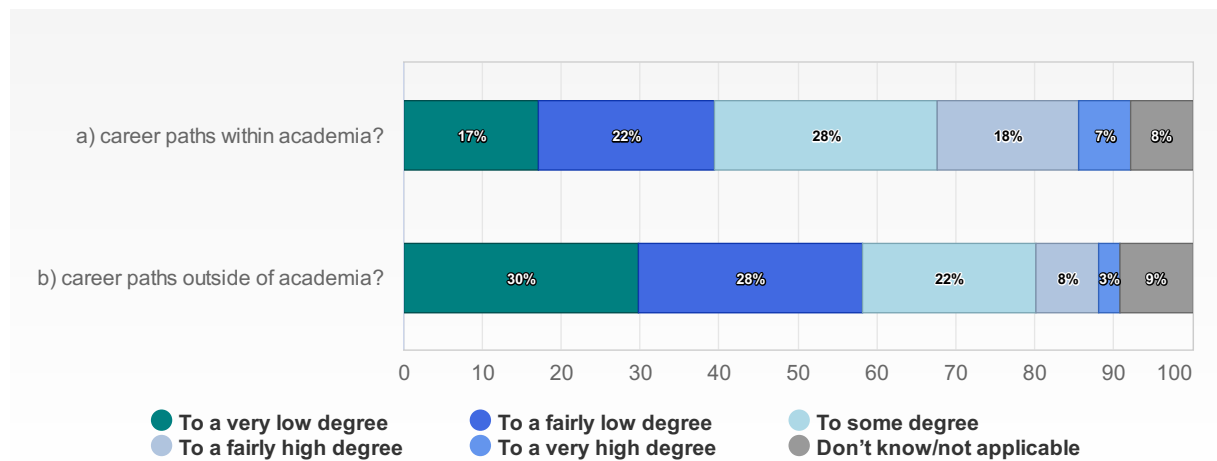
CAREER AND GUIDANCE

48. Assess how satisfied you are with the following aspects:



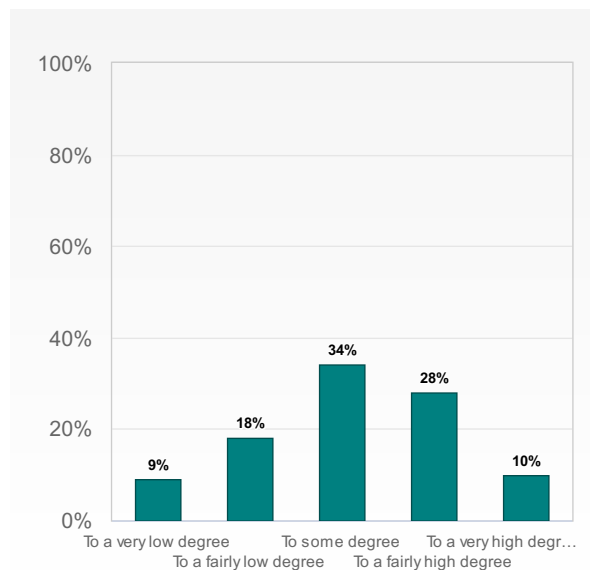
a) Opportunities for establishing contacts with <i>national</i> researchers/networks	Number of responses	Distribution (%)
Very dissatisfied	32	3%
Fairly dissatisfied	151	15%
Neither satisfied nor dissatisfied	275	28%
Fairly satisfied	322	32%
Very satisfied	144	15%
Don't know/not applicable	69	7%
Total	993	100%
b) Opportunities for establishing contacts with <i>international</i> researchers/networks	Number of responses	Distribution (%)
Very dissatisfied	55	6%
Fairly dissatisfied	164	17%
Neither satisfied nor dissatisfied	271	27%
Fairly satisfied	291	29%
Very satisfied	124	13%
Don't know/not applicable	82	8%
Total	987	100%

49. To what degree have you been offered information (e.g., from your supervisor(s), department, faculty, doctoral board) about possible career paths after completed doctoral studies regarding:



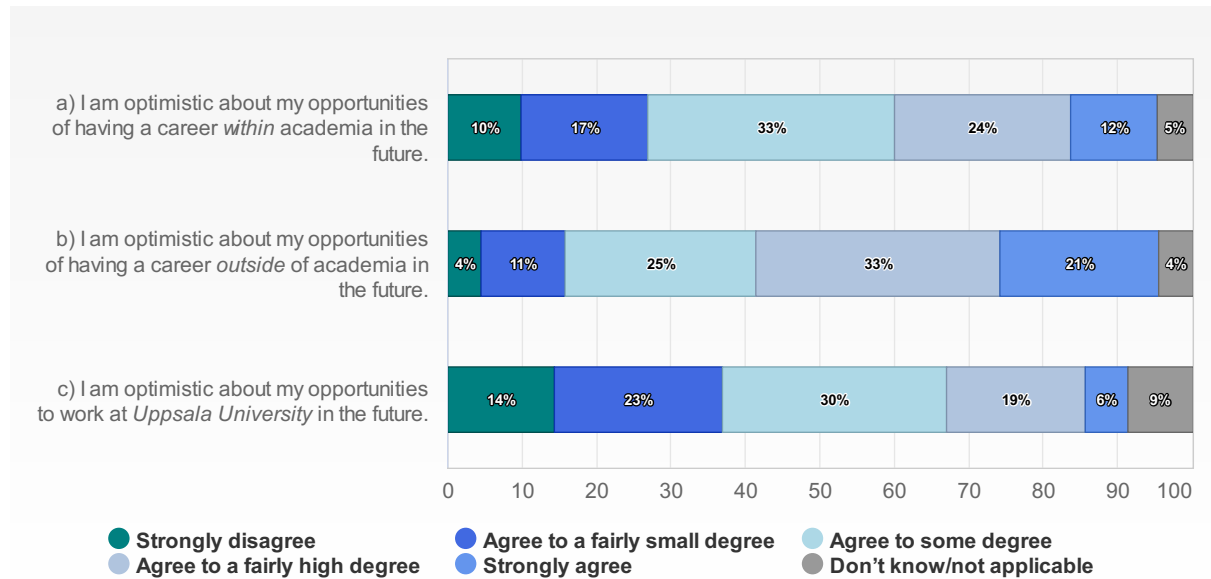
a) career paths within academia?	Number of responses	Distribution (%)
To a very low degree	170	17%
To a fairly low degree	221	22%
To some degree	280	28%
To a fairly high degree	178	18%
To a very high degree	65	7%
Don't know/not applicable	77	8%
Total	991	100%
b) career paths outside of academia?	Number of responses	Distribution (%)
To a very low degree	295	30%
To a fairly low degree	281	28%
To some degree	218	22%
To a fairly high degree	79	8%
To a very high degree	27	3%
Don't know/not applicable	91	9%
Total	991	100%

50. To what degree do you feel that you need additional career support/career guidance in relation to your doctoral education?



50. To what degree do you feel that you need additional career support/career guidance in relation to your doctoral education?	Number of responses	Distribution (%)
To a very low degree	91	9%
To a fairly low degree	178	18%
To some degree	337	34%
To a fairly high degree	278	28%
To a very high degree	99	10%
Total	983	100%

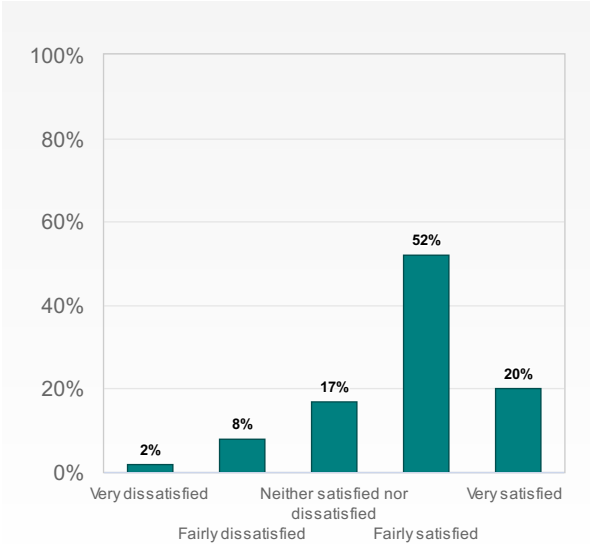
51. To what degree do you agree with the following statements?



Statement	Number of responses	Distribution (%)
a) I am optimistic about my opportunities of having a career <i>within</i> academia in the future.		
Strongly disagree	98	10%
Agree to a fairly small degree	169	17%
Agree to some degree	328	33%
Agree to a fairly high degree	235	24%
Strongly agree	115	12%
Don't know/not applicable	46	5%
Total	991	100%
b) I am optimistic about my opportunities of having a career <i>outside</i> of academia in the future.		
Strongly disagree	44	4%
Agree to a fairly small degree	113	11%
Agree to some degree	252	25%
Agree to a fairly high degree	326	33%
Strongly agree	211	21%
Don't know/not applicable	44	4%
Total	990	100%
c) I am optimistic about my opportunities to work at <i>Uppsala University</i> in the future.		
Strongly disagree	141	14%
Agree to a fairly small degree	224	23%
Agree to some degree	297	30%
Agree to a fairly high degree	185	19%
Strongly agree	57	6%
Don't know/not applicable	85	9%
Total	989	100%

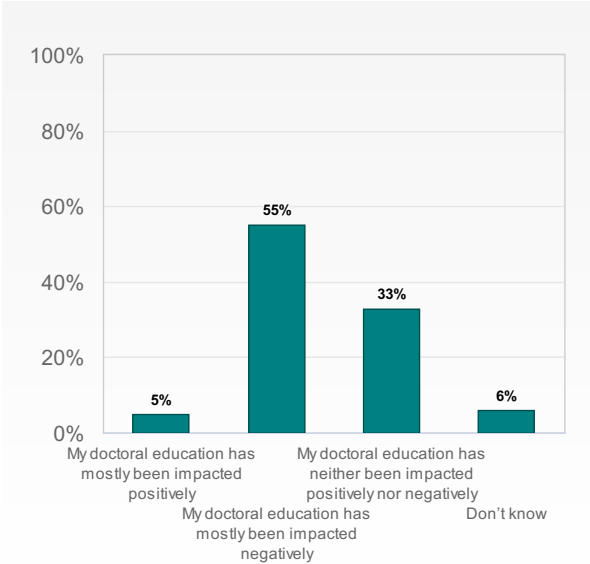
CONCLUDING OVERARCHING QUESTIONS

52. Overall, how satisfied are you with your doctoral education thus far?



52. Overall, how satisfied are you with your doctoral education thus far?	Number of responses	Distribution (%)
Very dissatisfied	19	2%
Fairly dissatisfied	80	8%
Neither satisfied nor dissatisfied	173	17%
Fairly satisfied	518	52%
Very satisfied	201	20%
Total	991	100%

54. Overall, how has your doctoral education been impacted by the COVID-19 pandemic?



54. Overall, how has your doctoral education been impacted by the COVID-19 pandemic?	Number of responses	Distribution (%)
My doctoral education has mostly been impacted positively	48	5%
My doctoral education has mostly been impacted negatively	546	55%
My doctoral education has neither been impacted positively nor negatively	330	33%
Don't know	63	6%
Total	987	100%