



Exit Poll for Doctoral Students

Results from 2015 and comparison with previous years

Dnr: 1-130/2016

Board of doctoral education, Karolinska Institutet

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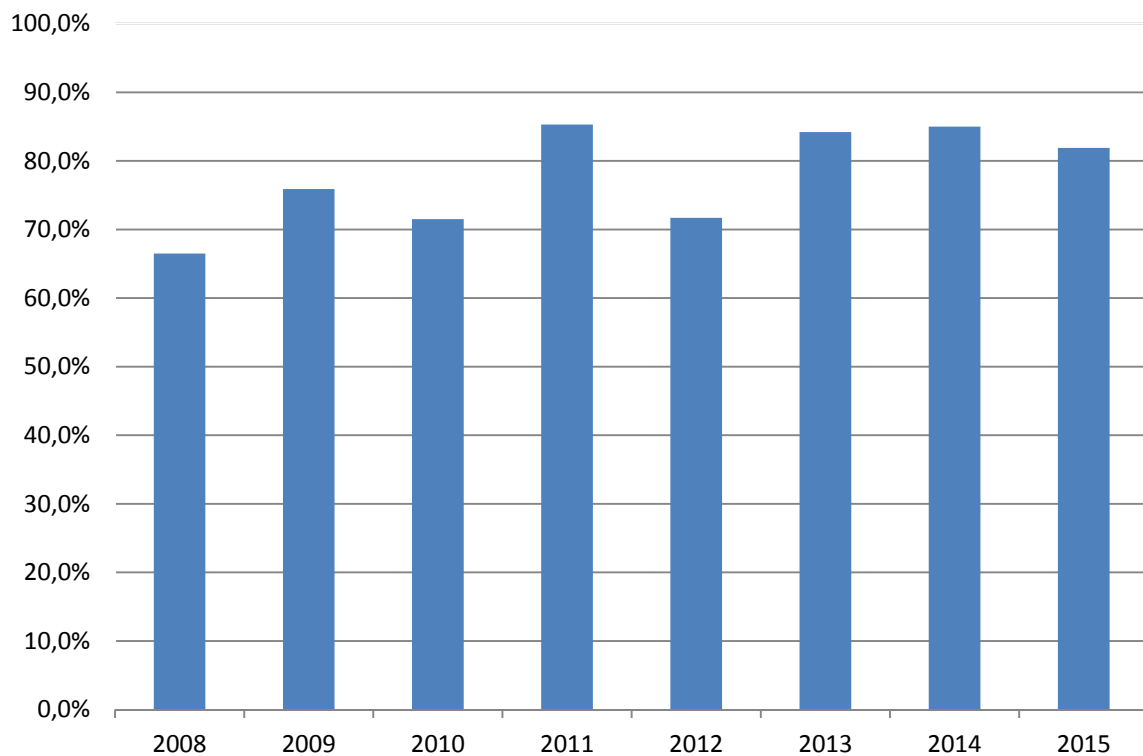
**Karolinska
Institutet**

Response Rate

Response rate 2015

2015	Number	Percent
Respondents	360	
Survey answers	295	81.9%

Comparison over time: Response rate



General Information

1. Which KI department do you belong to?

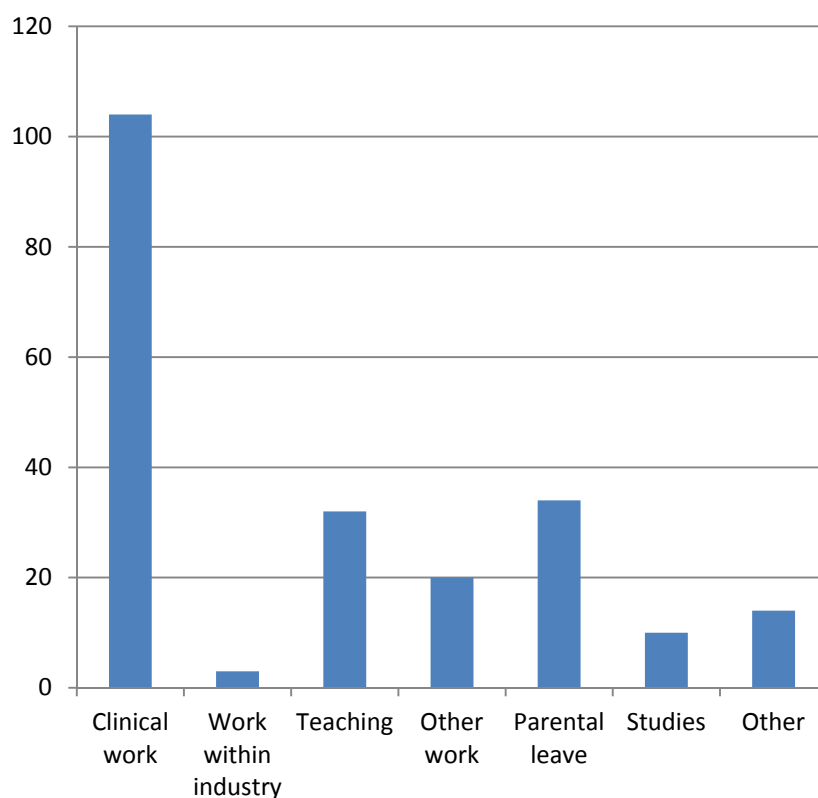
Department	Short	Responses	Percent
Dep of Biosciences and Nutrition	BioNut	10	3.4%
Dep of Cell and Molecular Biology	CMB	7	2.4%
Dep of Clinical Neuroscience	CNS	26	8.8%
Dep of Clinical Science and Education, SÖS	KI SÖS	8	2.7%
Dep of Clinical Science, Intervention and Technology	CLINTEC	21	7.1%
Dep of Clinical Sciences, Danderyd hospital	KI Danderyd	5	1.7%
Dep of Dental Medicine	DentMed	7	2.4%
Dep of Laboratory Medicine	LabMed	16	5.4%
Dep of Learning, Informatics, Management and Ethics	LIME	5	1.7%
Dep of Medical Biochemistry and Biophysics	MBB	9	3.1%
Dep of Medical Epidemiology and Biostatistics	MEB	11	3.7%
Dep of Medicine, Huddinge	MedH	10	3.4%
Dep of Medicine, Solna	MedS	23	7.8%
Dep of Microbiology, Tumour and Cell Biology	MTC	10	3.4%
Dep of Molecular Medicine and Surgery	MMK	16	5.4%
Dep of Neurobiology, Care Sciences and Society	NVS	26	8.8%
Dep of Neuroscience	Neuro	4	1.4%
Dep of Oncology-Pathology	OnkPat	24	8.1%
Dep of Physiology and Pharmacology	FyFa	9	3.1%
Dep of Public Health Sciences	PHS	10	3.4%
Dep of Women's and Children's Health	KBH	19	6.4%
Institute of Environmental Medicine	IMM	19	6.4%
Number of answers		295	

2. Have you performed your doctoral education full-time?

Answer	Responses	Percent
Yes	151	51.2%
No	144	48.8%
Number of answers	295	

3. If no, what did you combine your doctoral education with?

The students could answer this question with more than one option.



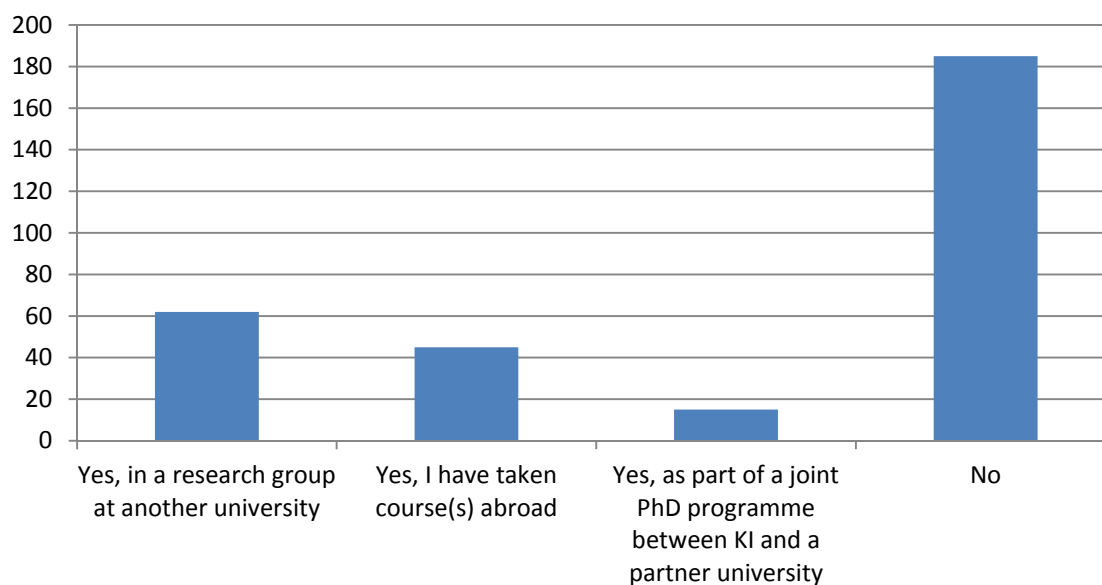
Answer	Responses	Percent
Clinical work	104	47.9%
Work within industry	3	1.4%
Teaching	32	14.7%
Other work	20	9.2%
Parental leave	34	15.7%
Studies	10	4.6%
Other, please specify [OPEN ENDED]	14	6.5%
Number of answers	217	

4. Was your doctoral education funded by KID funds ('KID-medel')?

Answer	Responses	Percent
Yes	69	23.6%
No	221	75.7%
I don't know	2	0.7%
Number of answers	292	

5. Have you spent time abroad as part of your doctoral education (except conferences)?

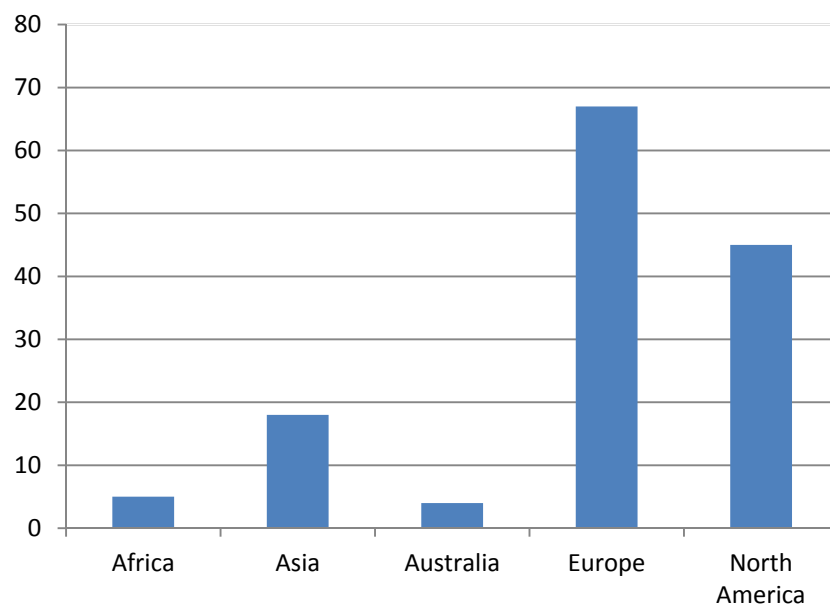
The students could answer this question with more than one option.



Answer	Responses	Percent 2015	Comparison with 2014 ¹
Yes, in a research group at another university.	62	20.2%	19.1%
Yes, I have taken course(s) abroad.	45	14.7%	13.9%
Yes, as part of a joint programme between KI and a partner university.	15	4.9%	5.0%
No	185	60.3%	66.7%
Number of answers	307		

¹ The question was added to the Exit poll in 2014

6. If yes, which country/countries?

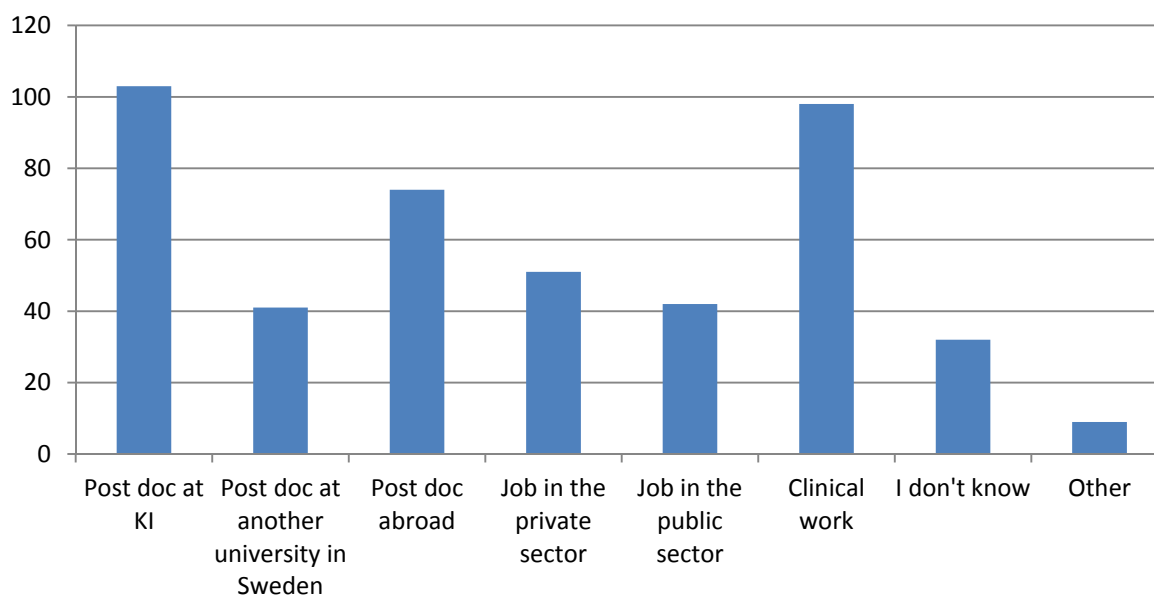


Continent	Responses	Percent
Africa	5	3.6%
Asia	18	12.9%
Australia	4	2.9%
Europe	67	48.2%
North America	45	32.4%
Number of answers	139	

Country	Number	Country	Number
Australia	4	Japan	6
Austria	1	Malaysia	1
Bangladesh	1	Norway	1
Belgium	1	Russia	1
Canada	2	Singapore	3
China	3	South Africa	1
Croatia	2	Spain	5
Denmark	4	Switzerland	3
Egypt	1	Taiwan	1
France	2	Tanzania	1
Germany	11	The Netherlands	5
Greece	1	Turkey	1
Hungary	1	Uganda	3
India	3	United Kingdom	21
Italy	6	USA	43
Number of answers		139	

7. What do you plan to do after your PhD degree?

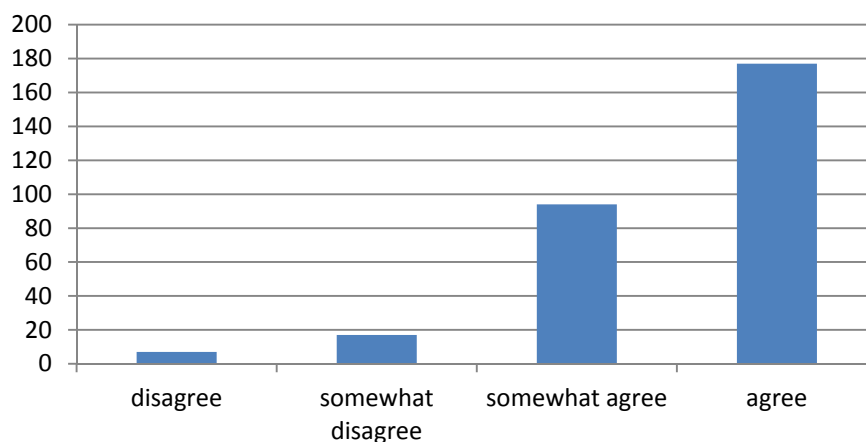
The students could answer this question with more than one option.



Answer	Responses	Percent
Post doc at KI	103	22.9%
Post doc at another university in Sweden	41	9.1%
Post doc abroad	74	16.4%
Job in the private sector	51	11.3%
Job in the public sector	42	9.3%
Clinical work	98	21.8%
I don't know	32	7.1%
Other, please specify [OPEN ENDED]	9	2.0%
Number of answers	450	

Doctoral Education and Examination Objectives

8. Overall, I am satisfied with my doctoral education at KI.

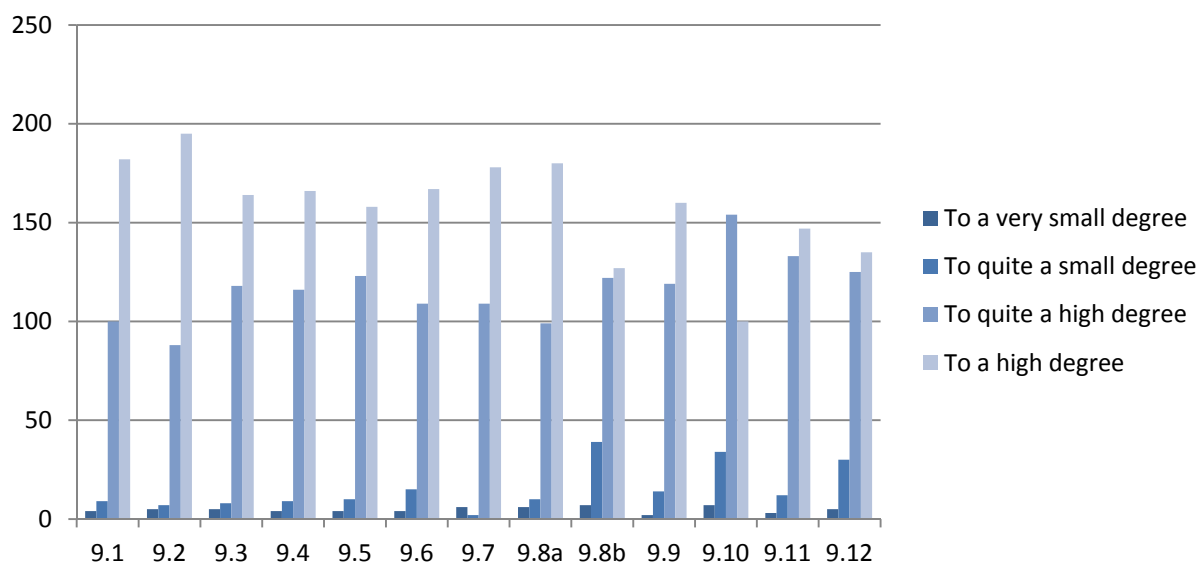


Answer	Responses	Percent
Disagree	7	2.4%
Somewhat disagree	17	5.8%
Somewhat agree	94	31.9%
Agree	177	60.0%
Number of answers	295	

Comparison over time: Overall, I am satisfied with my doctoral education at KI.



9. For each of the examination objectives for doctoral degree ('examensmål'), please indicate to what extent the objective has been achieved.

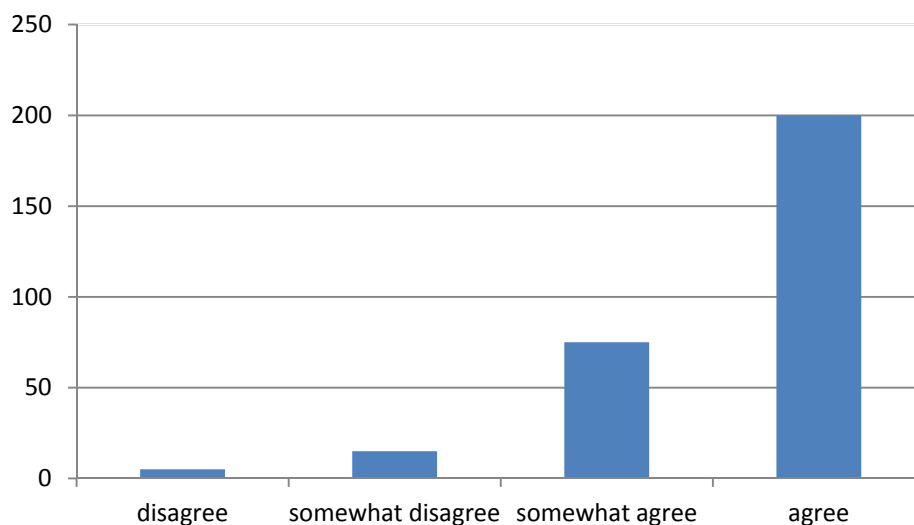


Answer Question	To a very small degree	To quite a small degree	To quite a high degree	To a high degree	Number of answers
9.1	4 1.4%	9 3.1%	100 33.9%	182 61.7%	295
9.2	5 1.7%	7 2.4%	88 29.8%	195 66.1%	295
9.3	5 1.7%	8 2.7%	118 40.0%	164 55.6%	295
9.4	4 1.4%	9 3.1%	116 39.3%	166 56.3%	295
9.5	4 1.4%	10 3.4%	123 41.7%	158 53.6%	295
9.6	4 1.4%	15 5.1%	109 36.9%	167 56.6%	295
9.7	6 2.0%	2 0.7%	109 36.9%	178 60.3%	295
9.8a	6 2.0%	10 3.4%	99 33.6%	180 61.0%	295
9.8b	7 2.4%	39 13.2%	122 41.4%	127 43.1%	295
9.9	2 0.7%	14 4.7%	119 40.3%	160 54.2%	295
9.10	7 2.4%	34 11.5%	154 52.2%	100 33.9%	295
9.11	3 1.0%	12 4.1%	133 45.1%	147 49.8%	295
9.12	5 1.7%	30 10.2%	125 42.4%	135 45.8%	295

Question 9

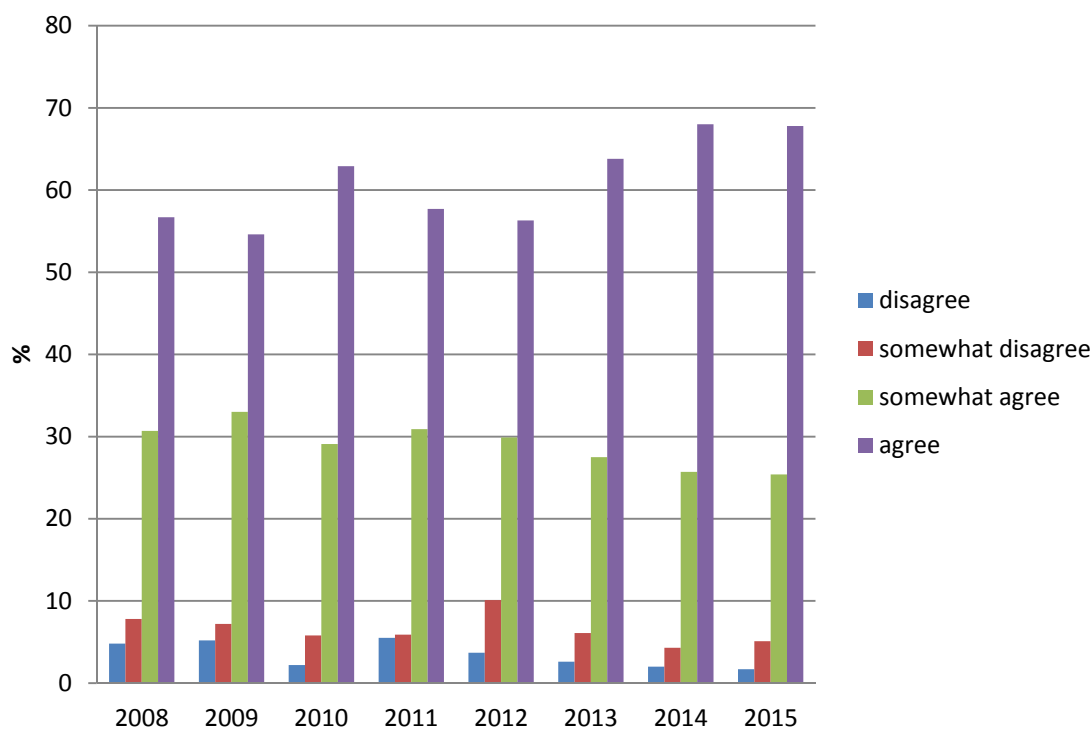
- 9.1 Broad knowledge and systematic understanding of the research area.
-
- 9.2 An in-depth and up-to-date specialist knowledge of a defined part of the research area.
-
- 9.3 Familiarity with research methodology in general and the methods of the specific field of research in particular.
-
- 9.4 The ability to carry out scientific analysis and synthesis, as well as independent critical examination and assessment of new and complex phenomena, issues and situations.
-
- 9.5 The ability to critically independently and creatively and with scientific accuracy identify and formulate issues ('frågeställningar').
-
- 9.6 To plan and, through the use of adequate methods, carry out research work and other qualified tasks within given time frames, and to review and evaluate such work.
-
- 9.7 Through a thesis demonstrate the ability to contribute significantly to the development of knowledge through own research.
-
- 9.8a The ability to present and discuss research and research results with authority in dialogue with the scientific community in both national and international context, both in written and spoken form.
-
- 9.8b The ability to present and discuss research and research results with authority in dialogue with the society in general in both national and international context, both in written and spoken form.
-
- 9.9 The ability to identify needs for further knowledge.
-
- 9.10 The ability to contribute to the development of society and to support others' learning in research, development and other qualified professional contexts.
-
- 9.11 Intellectually autonomy and scientific conscientiousness and well as the ability to make assessments of research ethics.
-
- 9.12 Specialized insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used.
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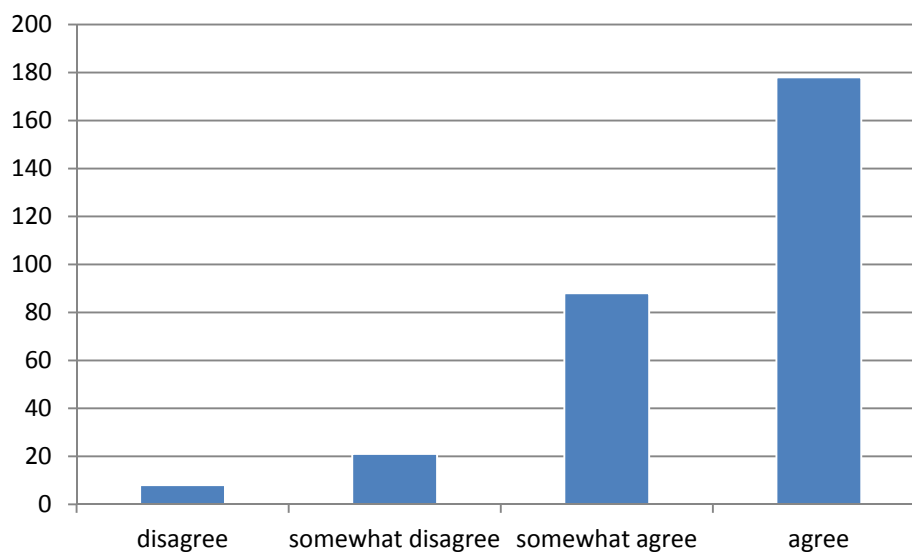
10. I would recommend KI to prospective doctoral students.



Answer	Responses	Percent
Disagree	5	1.7%
Somewhat disagree	15	5.1%
Somewhat agree	75	25.4%
Agree	200	67.8%
Number of answers	295	

Comparison over time: I would recommend KI to prospective doctoral students.



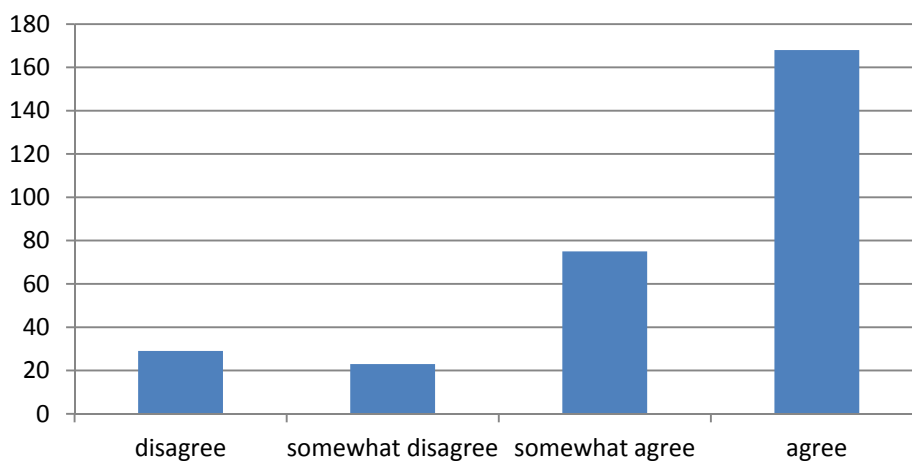
11. I would recommend my department to prospective doctoral students.

Answer	Responses	Percent
Disagree	8	2.7%
Somewhat disagree	21	7.1%
Somewhat agree	88	29.8%
Agree	178	60.3%
Number of answers	295	

**12. Comments regarding the doctoral education and examination objectives:
[OPEN ENDED]**

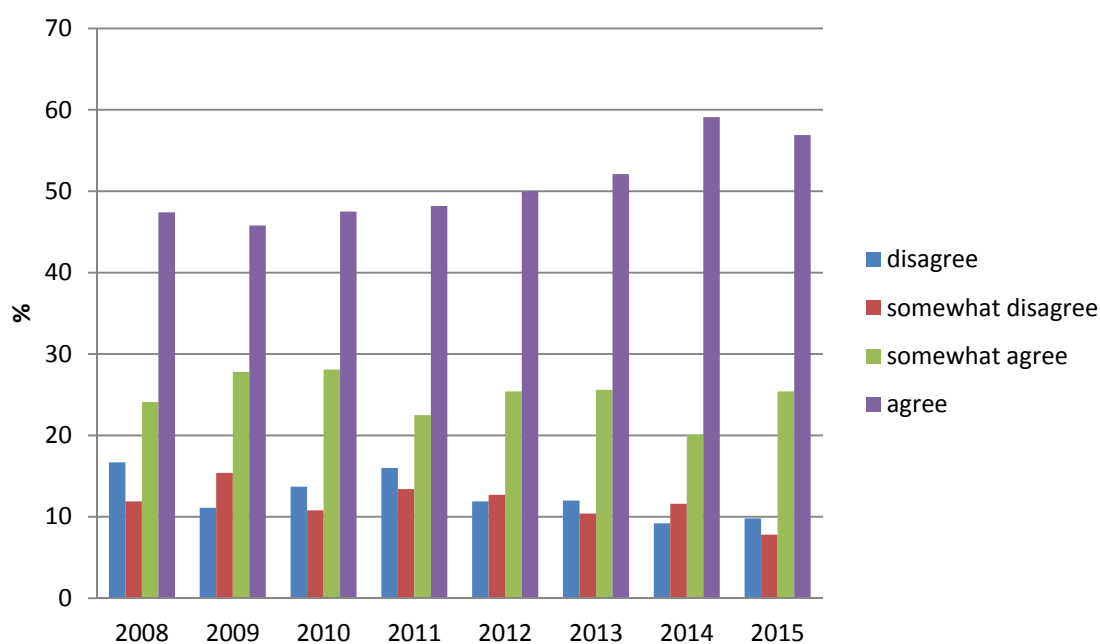
Supervision

13. I would recommend my principal supervisor to prospective doctoral students.



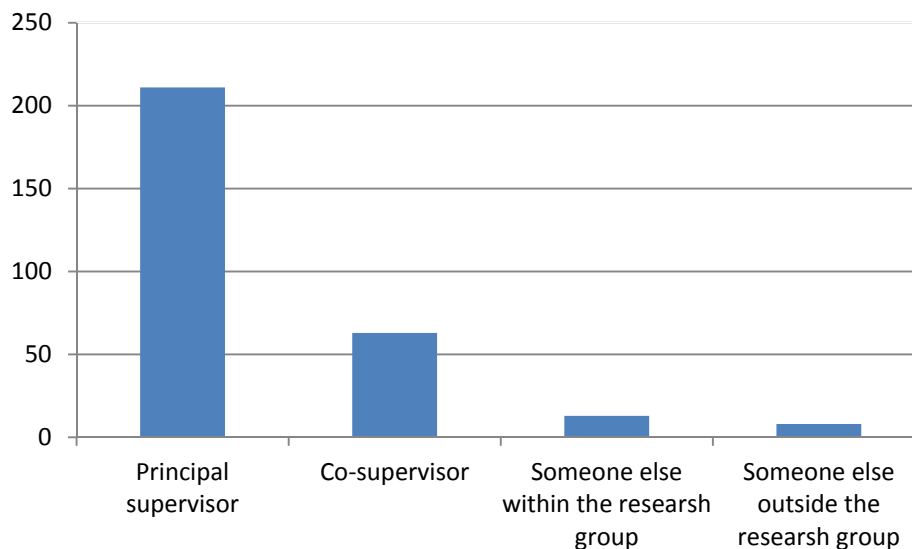
Answer	Responses	Percent
Disagree	29	9.8%
Somewhat disagree	23	7.8%
Somewhat agree	75	25.4%
Agree	168	56.9%
Number of answers	294	

Comparison over time: I would recommend my principal supervisor to prospective doctoral students.



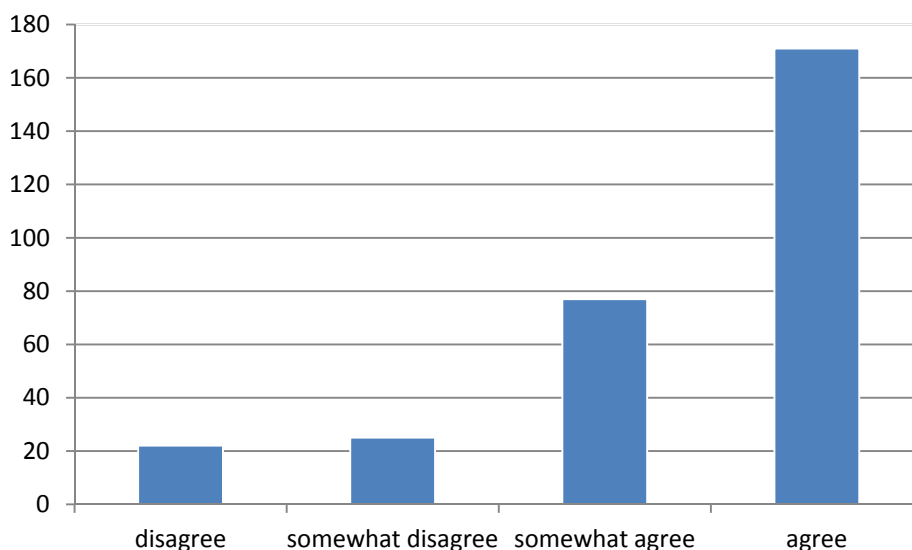
14. My principal supervisor is:

Answer	Responses	Percent
Female	123	41.7%
Male	172	58.3%
Number of answers	295	

15. From whom have you in practice received the most supervision?

Answer	Responses	Percent
Principal supervisor	211	71.5%
Co-supervisor	63	21.4%
Someone else within the research group	13	4.4%
Someone else outside the research group	8	2.7%
Number of answers	295	

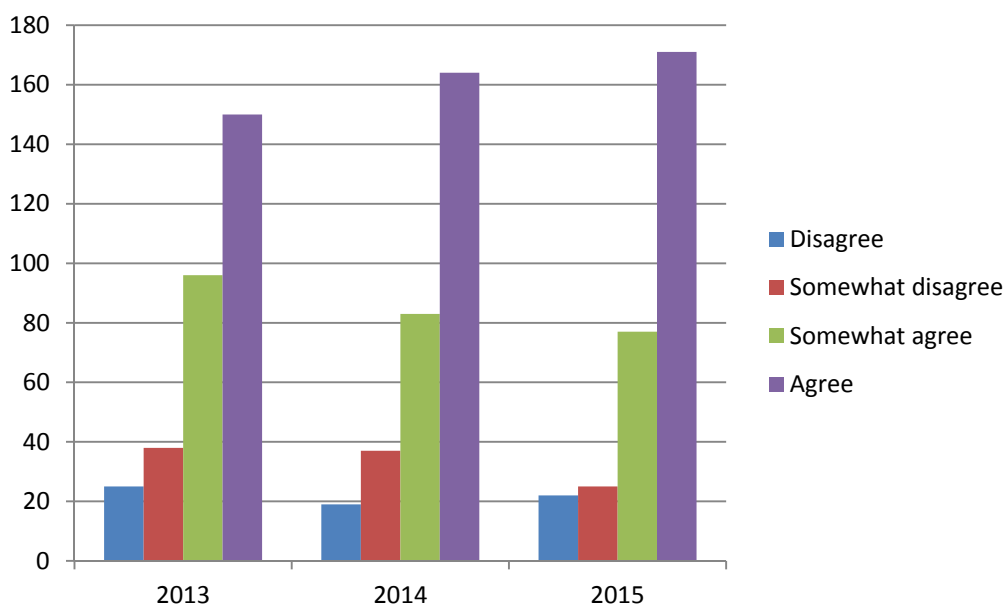
16. I have received adequate supervision.



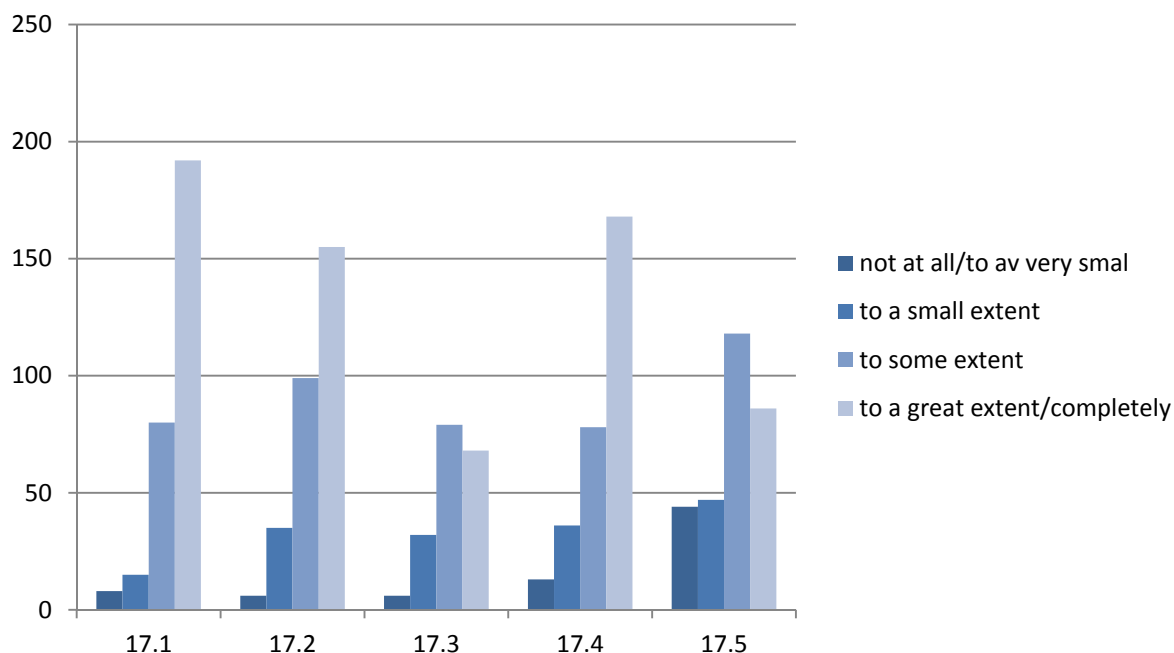
Answer	Responses	Percent
Disagree	22	7.5%
Somewhat disagree	25	8.5%
Somewhat agree	77	26.1%
Agree	171	58.0%
Number of answers	295	

Comparison over time: I have received adequate supervision.

The question was added to the Exit poll in 2013.



17. To what extent have your supervisors:



Answer Question	Not at all/To a very small extent	To a small extent	To some extent	To a great extent/ completely	Number of answers
17.1	8 2.7%	15 5.1%	80 27.1%	192 65.1%	295
17.2	6 2.0%	35 11.9%	99 33.6%	155 52.5%	295
17.3	6 3.2%	32 17.3%	79 42.7%	68 36.8%	185 ¹
17.4	13 4.4%	36 12.2%	78 26.4%	168 56.9%	295
17.5	44 14.9%	47 15.9%	118 40.0%	86 29.2%	295

Question 17

17.1 Displayed interest in your doctoral education?

17.2 Discussed methodological issues with you?

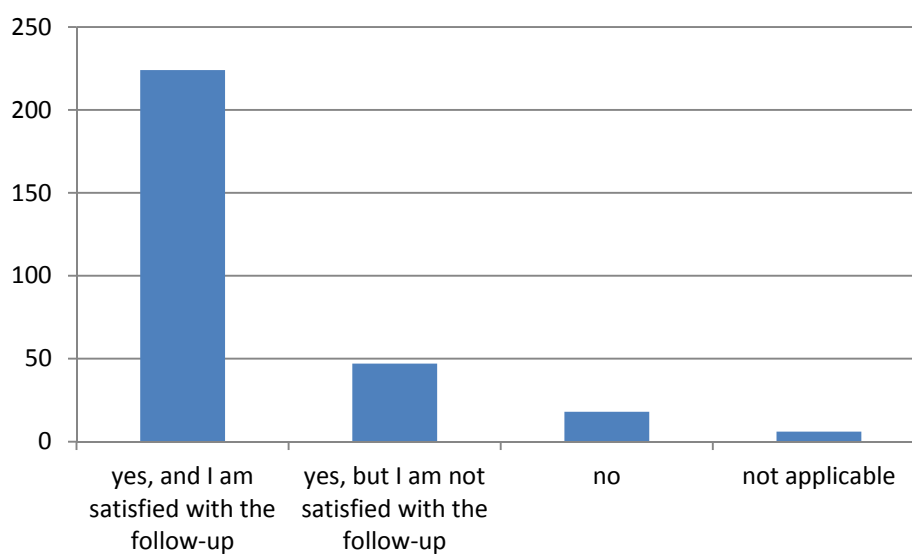
17.3 Discussed theory with you? ¹

17.4 Provided constructive criticism of you research?

17.5 Discussed your plans for the future with you?

¹ This is a mandatory question and should therefore have the same number of answers as the other, but due to a technical mistake the question disappeared from the survey in September.

18. Have there been any follow-up of your study plan during your doctoral education ('årlig uppföljning')?



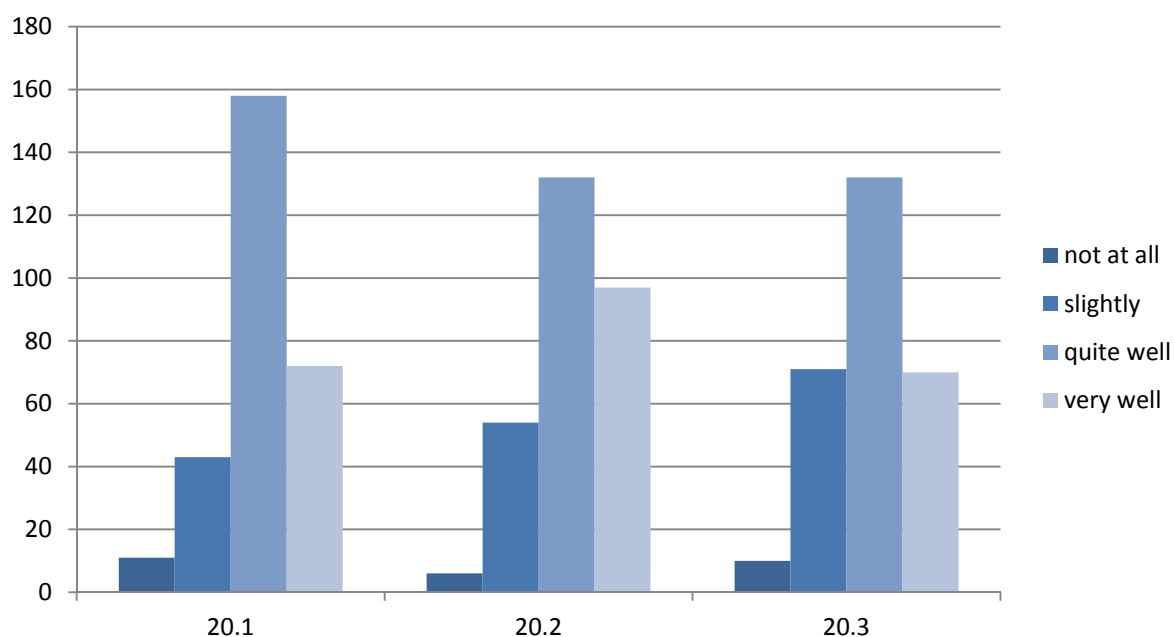
Answer	Responses	Percent
Yes, and I am satisfied with the follow-up	224	60.1%
Yes, but I am not satisfied with the follow-up	47	23.1%
No	18	12.6%
Not applicable	6	4.2%
Number of answers	295	

19. Comments regarding supervision: [OPEN ENDED]

Courses, Programmes, Research Schools, and Teaching

20. Regarding the general science courses: how well do the following statements describe the courses?

General science courses ('allmänvetenskapliga kurser'); e.g. statistics, research ethics, scientific writing etc.



Answer	Not at all	Slightly	Quite well	Very well	Number of answers
Question					
20.1	11 3.9%	43 15.1%	158 55.6%	72 25.4%	284
20.2	6 2.1%	54 18.7%	132 45.7%	97 33.6%	289
20.3	10 3.5%	71 25.1%	132 46.6%	70 24.7%	283

Question 20

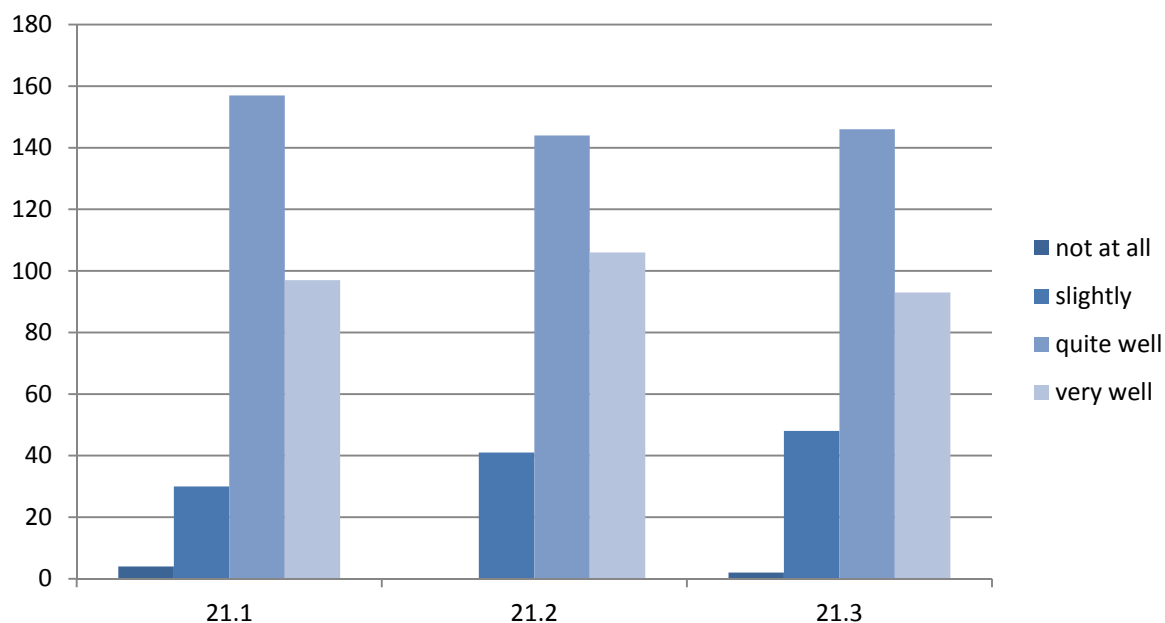
20.1 The quality of the courses was consistently high.

20.2 The courses were relevant to my thesis work.

20.3 The courses offered fitted in with my wishes and needs.

21. Regarding project-specific courses: how well do the following statements describe the courses?

Project-specific courses; all courses other than general science courses.



Answer	Not at all	Slightly	Quite well	Very well	Number of answers
Question					
21.1	4 1.4%	30 10.4%	157 54.5%	97 33.7%	288
21.2	0 0.0%	41 14.1%	144 49.5%	106 36.4%	291
21.3	2 0.7%	48 16.6%	146 50.5%	93 32.2%	289

Question 21

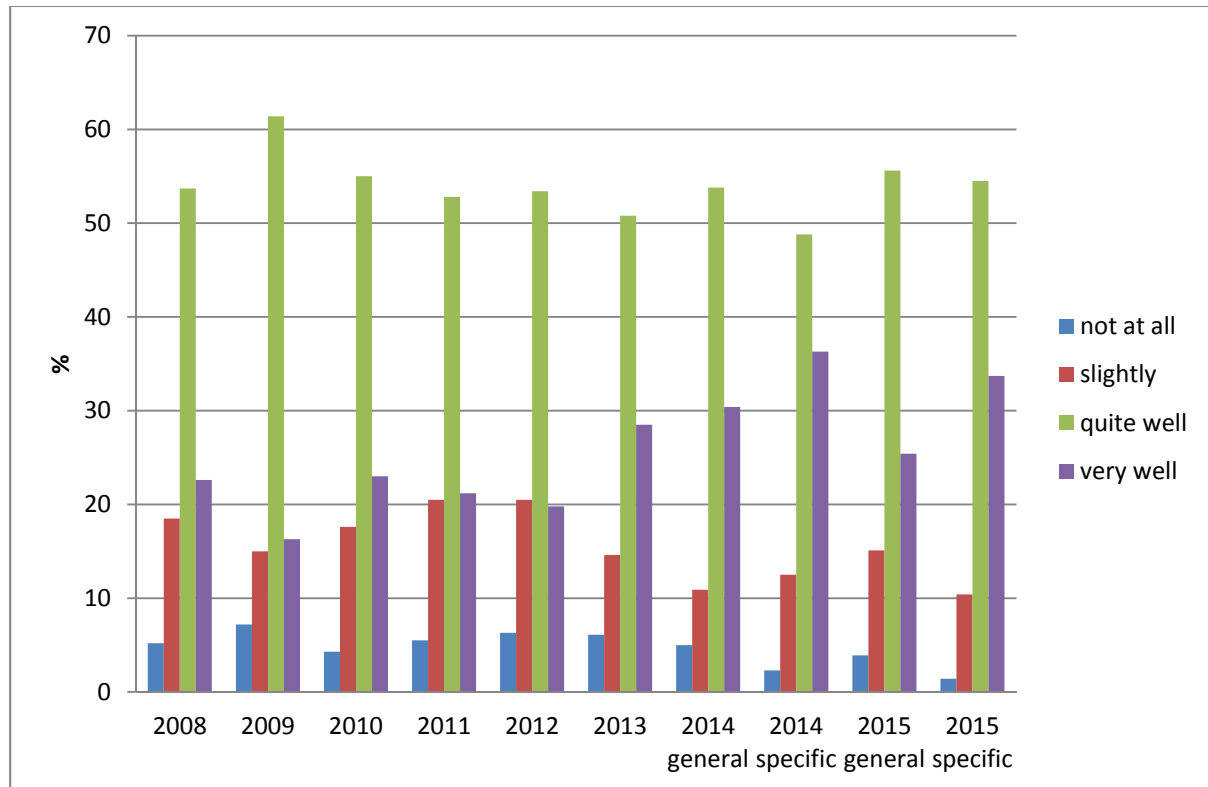
21.1 The quality of the courses was consistently high.

21.2 The courses were relevant to my thesis work.

21.3 The courses offered fitted in with my wishes and needs.

Comparison over time: The quality of the course was consistently high.

From 2014 the question has been split into two, one regarding general science courses (Q20) and one regarding project-specific courses (Q21).



22. Within which programme(s) have you taken part of courses and/or other activities?

The students could answer this question with more than one option.

Programme	Responses	Percent	Percent of Yes-answers
Allergy, immunology and inflammation	47	9.8%	11.7%
Cardiovascular research	20	4.2%	5.0%
Cell biology and genetics	50	10.4%	12.4%
Development biology and cellular signalling (DECS)	11	2.3%	2.7%
Environmental factors and health	9	1.9%	2.2%
Epidemiology	75	15.7%	18.7%
Health care sciences	26	5.4%	6.5%
Hearing, otolaryngology, language and speech (HÖST)	1	0.2%	0.2%
Infection biology	23	4.8%	5.7%
Metabolism and endocrinology	16	3.3%	4.0%
Neuroscience	36	7.5%	9.0%
Public health science	21	4.4%	5.2%
Regenerative medicine	11	2.3%	2.7%
Tumour biology and oncology	49	10.2%	12.2%
World health	7	1.5%	1.7%
None	77	16.1%	-
Number of answers	479		402

23. Have you taken part in courses and/or activities within a research school ('forskarskola')?

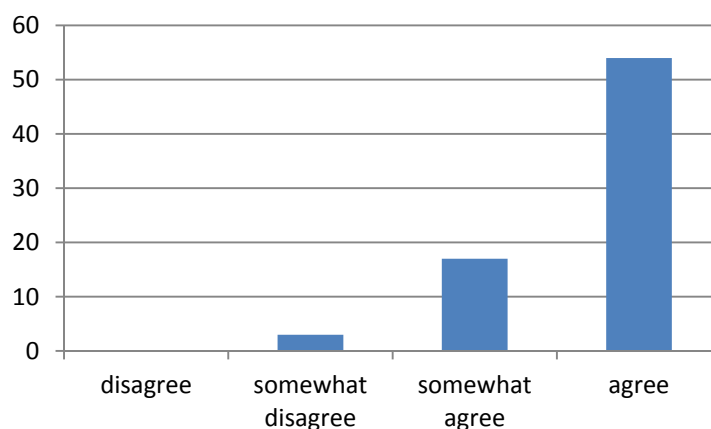
Answer	Responses	Percent
Yes	69	23.4%
No	226	76.6%
Number of answers	295	

24. If yes, which research school?

Research school	Responses	Percent
DBMR Research school	1	1.6%
Forskarskola för kliniker inom epidemiologi (KI/SLL)	17	26.6%
Forskarskola i allmänmedicin (KI/SLL)	1	1.6%
Forskarskola i molekylärmedicin för kliniker (KI/SLL)	6	9.4%
Forskarskola inom klinisk psykiatri (KI/SLL)	6	9.4%
Graduate School in Register-based Research (SINGS)	4	6.2%
KI SÖS kliniska forskarskola	6	9.4%
National Clinical Research School in Chronic Inflammatory Diseases	2	3.2%
Nationell forskarskola i klinisk cancerforskning	3	4.7%
Nationell forskarskola inom klinisk psykiatri	1	1.6%
Nationell klinisk forskarskola i odontologi	1	1.6%
Nationella forskarskolan i vårdvetenskap/vård och omsorg	8	12.5%
Swedish research school in global health	6	9.4%
Other, please specify [OPEN ENDED]	2	3.1%
Number of answers	64	

25. If yes, I would recommend this research school.

Total responses (n=74)



Answer	Responses total	Responses of those answering yes to Q23	Percent (n= 68)
Disagree	0	0	0.0%
Somewhat disagree	3	2 ¹	2.9%
Somewhat agree	17	15	22.1%
Agree	54	51	75.0%
Number of answers	74	68	

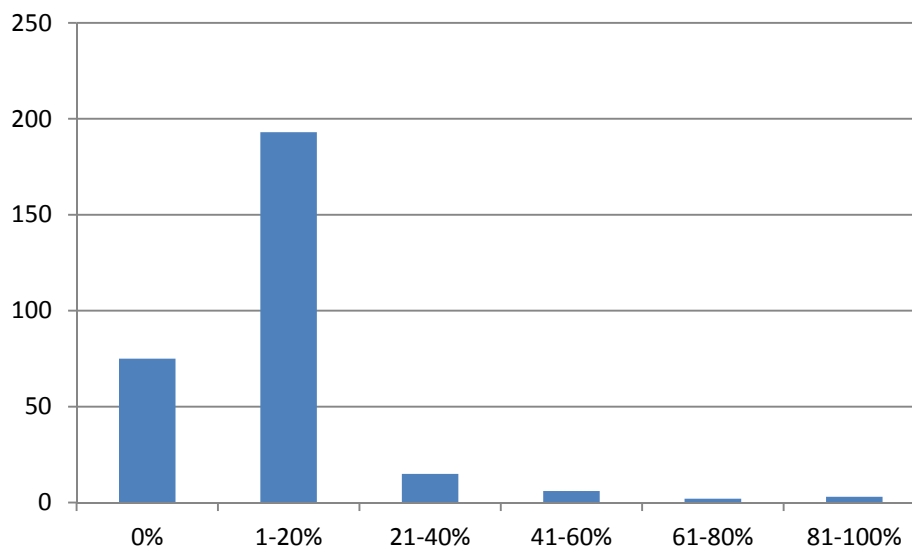
¹ Both these respondents stated "Other" in question 24.

26. Have you taken part in any teacher training?

Answer	Responses	Percent
Yes	110	37.3%
No	185	62.7%
Number of answers	295	

27. Estimate how much teaching (%) you did during your entire doctoral education 0-100% of full time.

The students stated their estimation and these were then aggregated into categories.

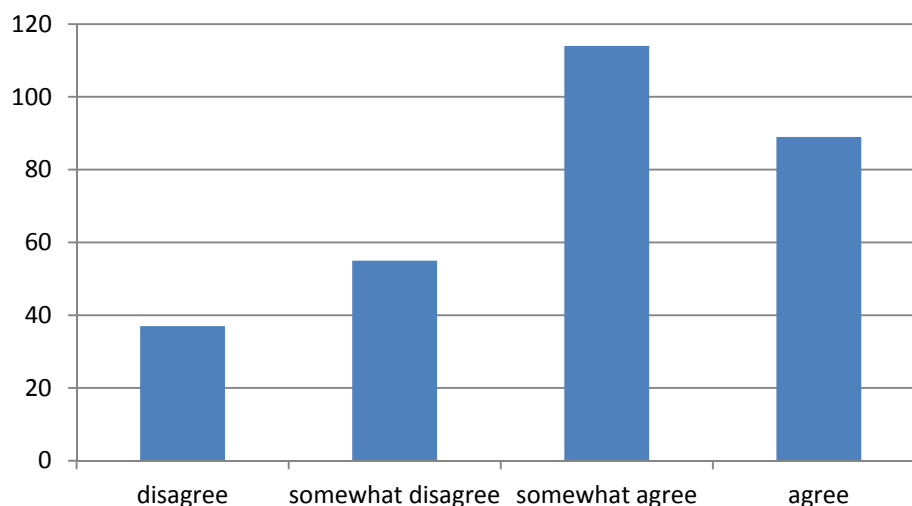


Estimation of teaching	Responses	Percent
0%	75	25.5%
1-20%	193	65.6%
21-40%	15	5.1%
41-60%	6	2.0%
61-80%	2	0.7%
81-100%	3	1.0%
Number of answers	294	
Mean	9,9%	
Median	5%	

28. Comments regarding courses, programmes, research schools and teaching: [OPEN ENDED]

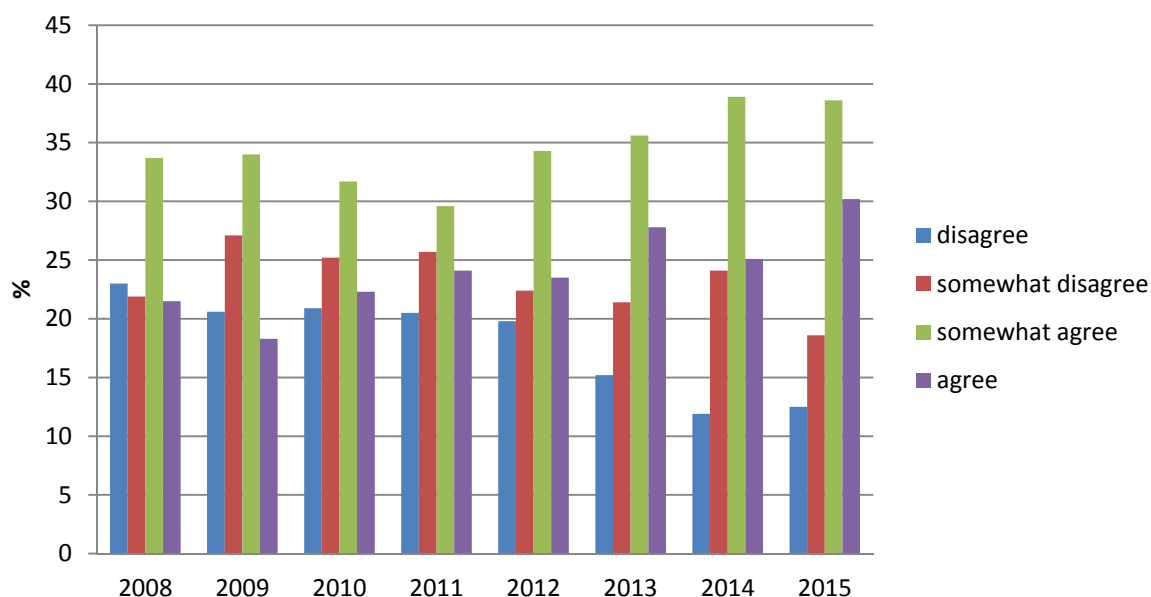
Information and Administrative Support

29. I received good introduction/information from the department when I started my doctoral education.

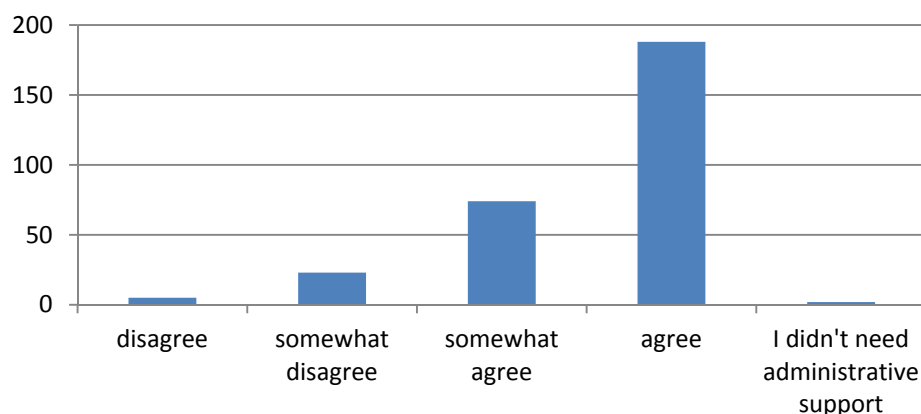


Answer	Responses	Percent
Disagree	37	12.5%
Somewhat disagree	55	18.6%
Somewhat agree	114	38.6%
Agree	89	30.2%
Number of answers	295	

Comparison over time: I received good introduction/information from the department when I started my doctoral education.

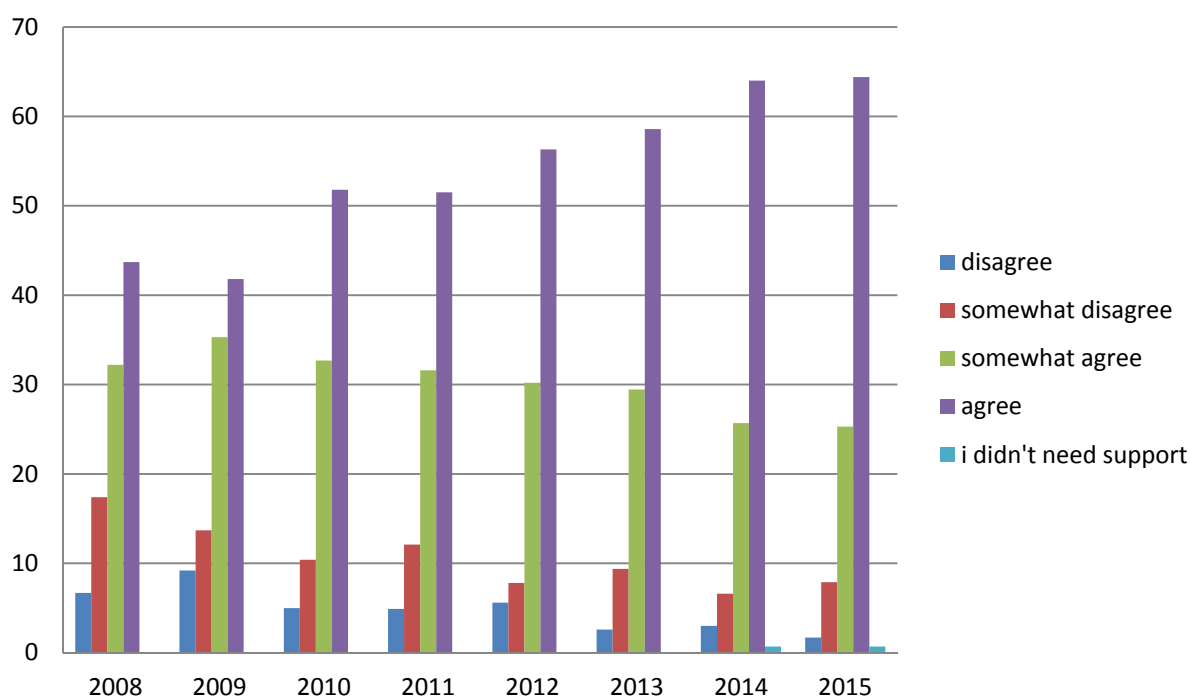


30. I received adequate administrative support from the departmental administrators during mine doctoral education.

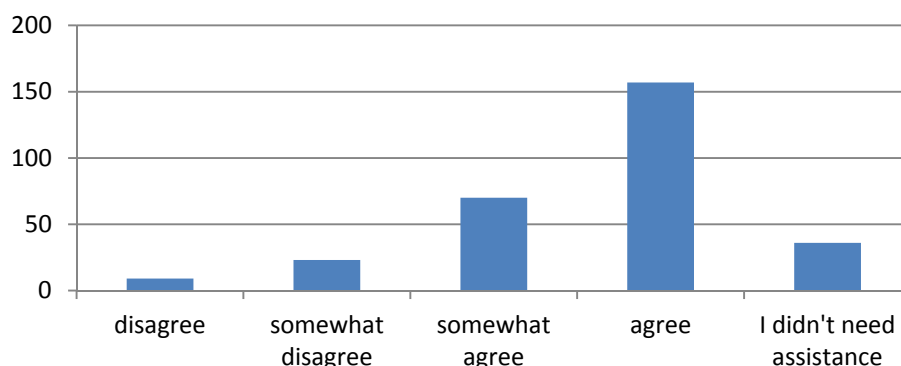


Answer	Responses	Percent
Disagree	5	1.7%
Somewhat disagree	23	7.9%
Somewhat agree	74	25.3%
Agree	188	64.4%
I didn't need administrative support	2	0.7%
Number of answers	292	

Comparison over time: I received adequate administrative support from the departmental administrators during mine doctoral education.

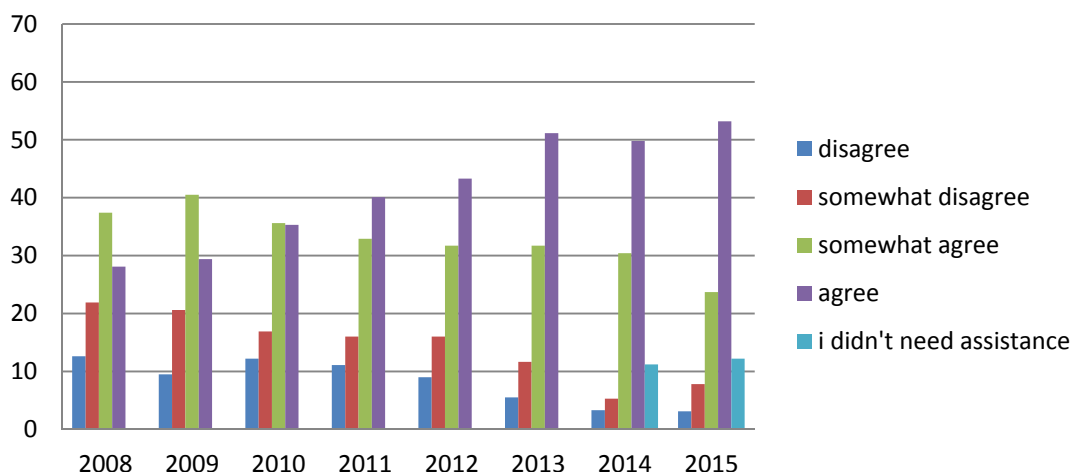


31. I received adequate assistance from the departmental director of studies ('institutionens studierektor för forskarutbildning') during my doctoral education.



Answer	Responses	Percent	Percent, applicable replies
Disagree	9	3.1%	3.5%
Somewhat disagree	23	7.8%	8.9%
Somewhat agree	70	23.7%	27.0%
Agree	157	53.2%	60.6%
I didn't need assistance	36	12.2%	-
Number of answers	295		259

Comparison over time: I received adequate assistance from the departmental director of studies during my doctoral education.

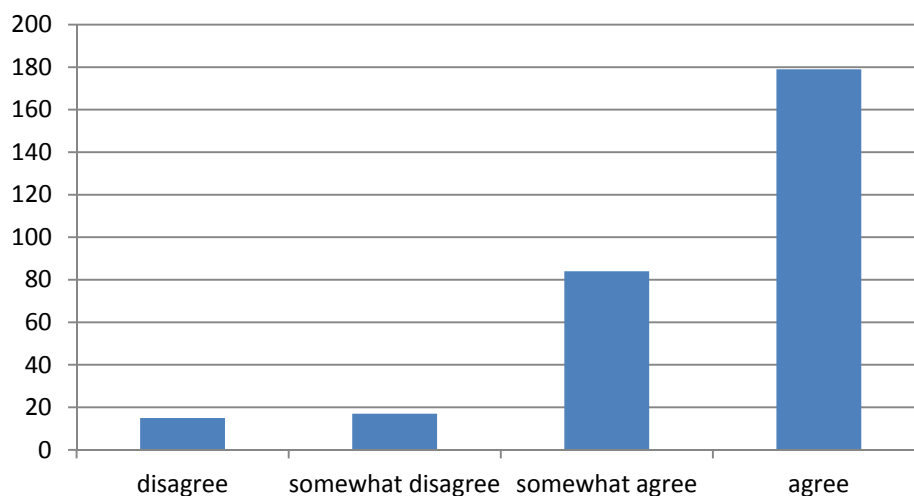


32. Comments regarding information and administrative support: [OPEN ENDED]

(33 and 34. Questions for evaluation of the printing company when printing the thesis)

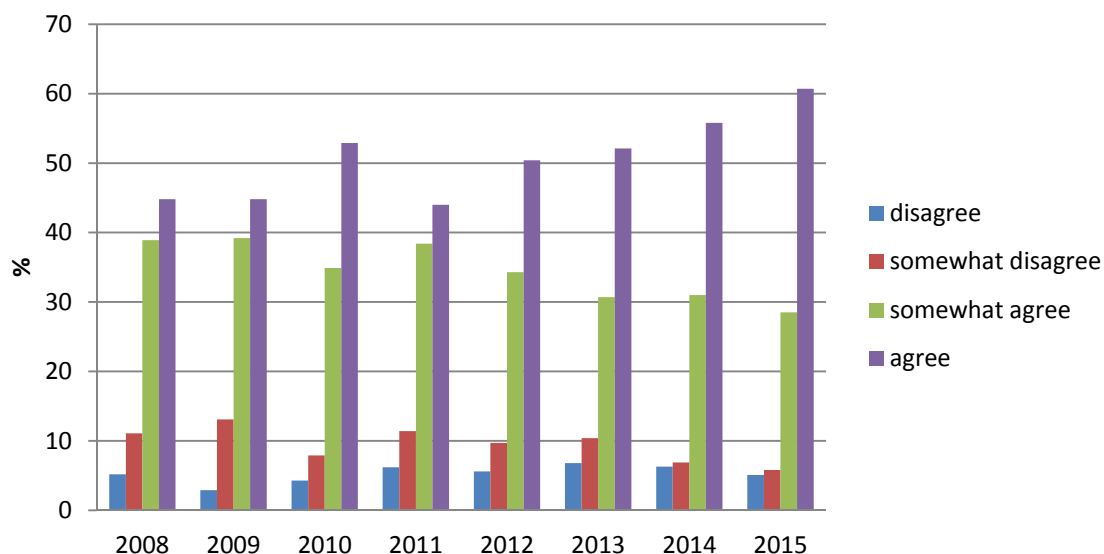
Work Environment

35. I enjoyed a good work environment within my research group.



Answer	Responses	Percent
Disagree	15	5.1%
Somewhat disagree	17	5.8%
Somewhat agree	84	28.5%
Agree	179	60.7%
Number of answers	295	

Comparison over time: I enjoyed a good work environment within my research group. (N.B: 2012 and earlier: “I enjoyed a good work environment at the KI department”)



36. During your doctoral education, have you noticed or experienced unequal treatment, discrimination, degrading behaviour and/or harassment:

The students had the following options: “yes, I have experienced”, “yes, I have noticed”, “yes, I have both noticed and experienced” or “no”.

	Experienced	Noticed
due to gender?	14	35
due to age?	6	13
due to ethnicity?	10	31
due to sexual orientation?	1	6
due to transgender identity or expression?	0	0
due to religious background or other beliefs?	3	11
due to disability?	0	3
other?	17	23
total	51¹	122²

¹ 38 unique respondents (13 respondents answered yes to more than one of these eight questions).

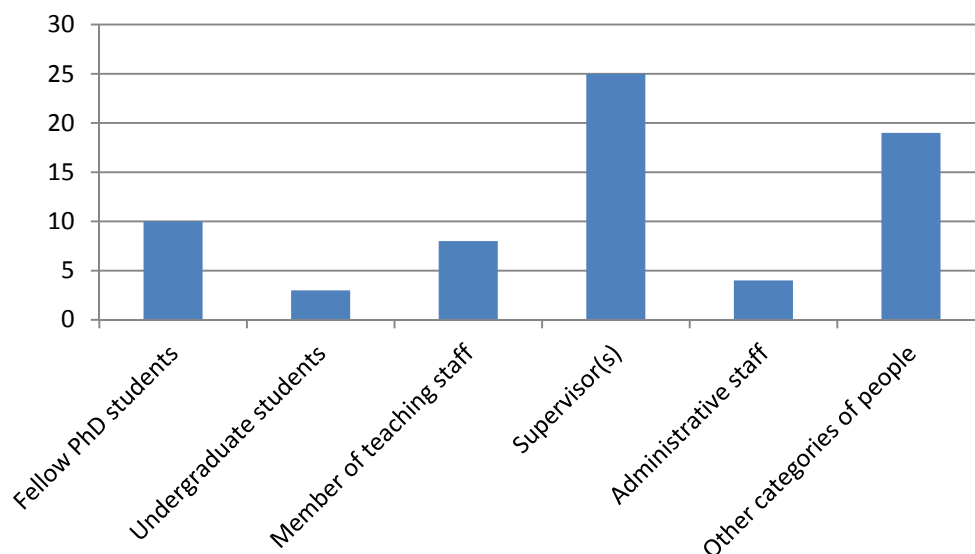
² 81 unique respondents (41 respondents answered yes to more than one of these eight questions).

(Not a mandatory question: 9 of 295 chose not to answer at all.)

Comparison over time: Percentage of respondents experienced at least one of the eight grounds for unequal treatment, discrimination etc.

Year	
2008-2011 ¹	16,5 %
2013 ¹	17,8 %
2014	16,7 %
2015	13,3 %

¹ Before 2014 the question was divided into two questions; *discrimination/unequal treatment* separately and *degrading behaviour/harassment* separately

37. If yes, by whom?

Answer	Responses	Percent
Fellow PhD students	10	14.5%
Undergraduate students	3	4.3%
Member of teaching staff	8	11.6%
Supervisor(s)	25	36.2%
Administrative staff	4	5.8%
Other categories of people	19	27.5%
Number of answers	69	

38. If you experienced any of the above, did you contact anyone at KI regarding this?

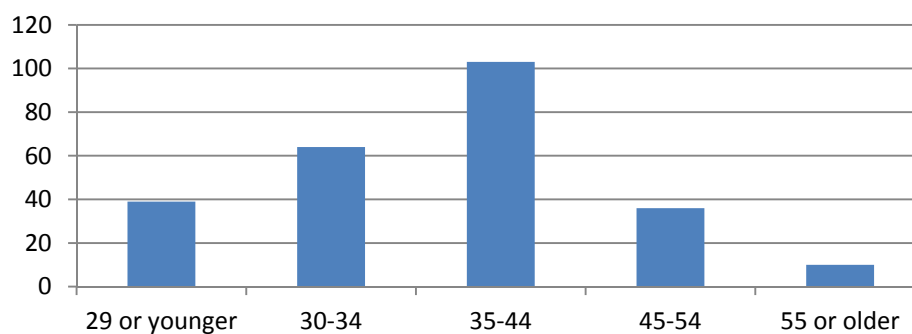
Answer	Responses	Percent
Yes	10	21.7%
No	36	78.3%
Number of answers	46	

39. If yes, did you receive sufficient help?

If there has been more than one occasion you can tick more than one box.

Answer	Responses	Percent
Yes	4	26.7%
No	7	46.7%
Some help but not sufficient	4	26.7%
Number of answers	15	

40. If no (Q38), why? [OPEN ENDED]

41. Comments regarding working environment: [OPEN ENDED]**Background Information****42. Age**

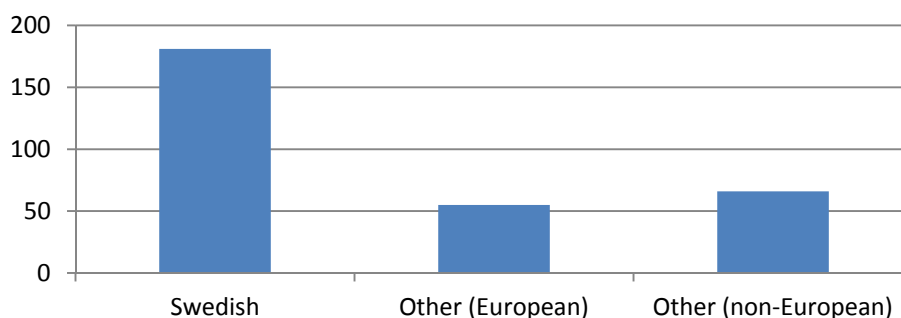
Answer	Responses	Percent
29 or younger	39	15.5%
30-34	64	25.4%
35-44	103	40.9%
45-54	36	14.3%
55 or older	10	4.0%
Number of answers	252	

43. Gender

Answer	Responses	Percent
Female	176	59.9%
Male	118	40.1%
Number of answers	294	

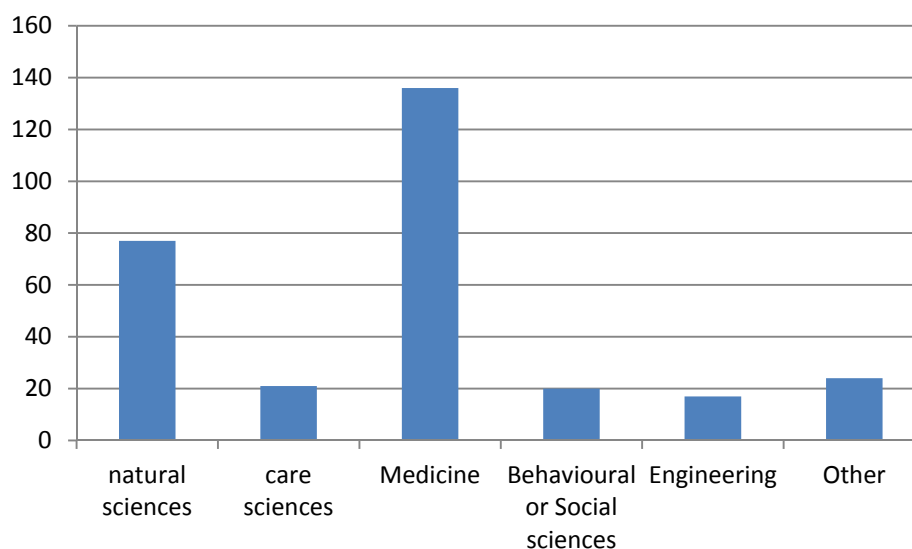
44. Nationality

The students could answer this question with more than one option.



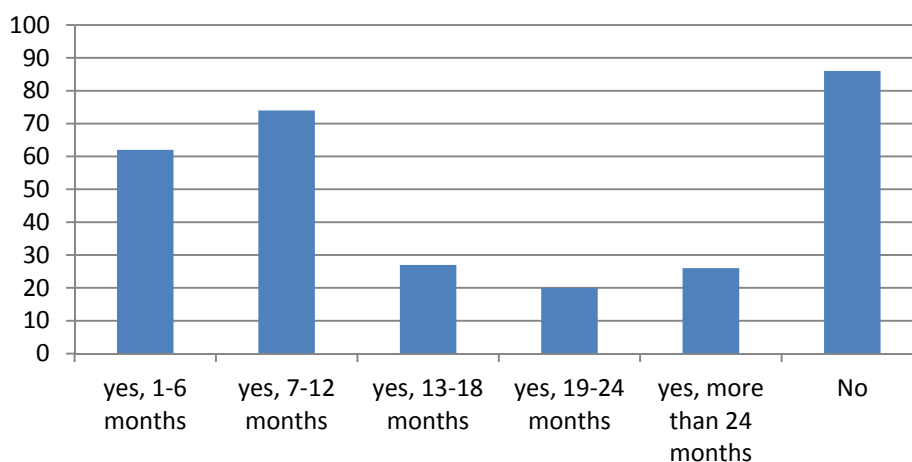
Answer	Responses	Percent
Swedish	181	59.9%
Other (European)	55	18.2%
Other (non-European)	66	21.9%
Number of answers	302	

45. Educational background before you began your doctoral education



Answer	Responses	Percent
Natural sciences	77	26.1%
Care sciences	21	7.1%
Medicine	136	46.1%
Behavioural or Social sciences	20	6.8%
Engineering	17	5.8%
Other	24	8.1%
Number of answers	295	

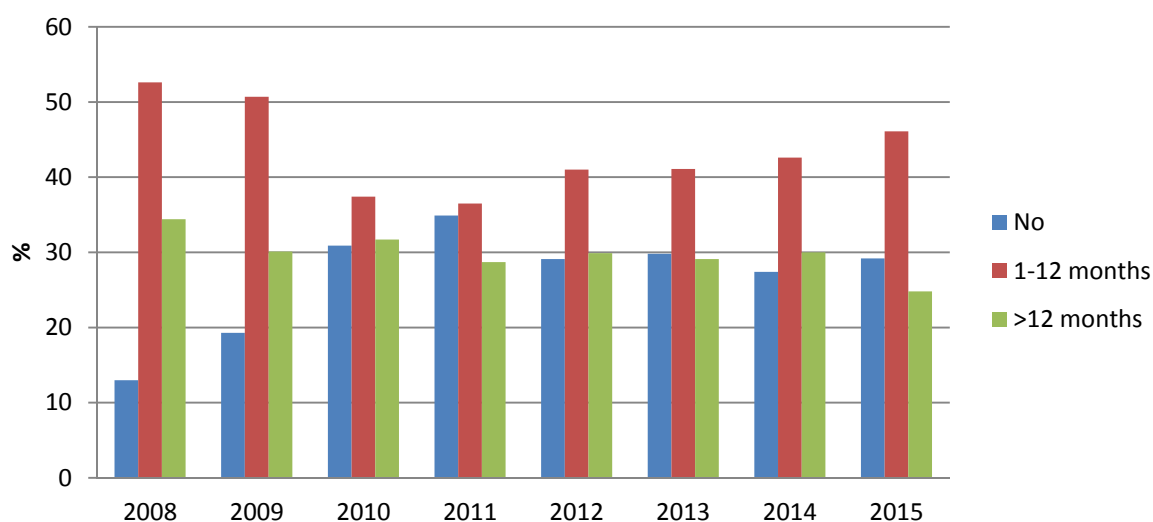
46. Were you active in research at KI before formal admission to doctoral education?

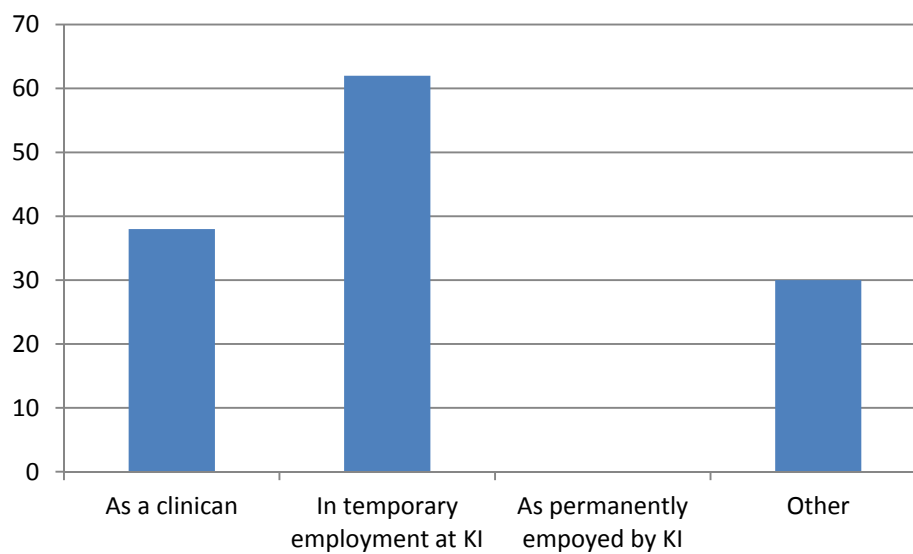


Answer	Responses	Percent
Yes, 1-6 months	62	21.0%
Yes, 7-12 months	74	25.1%
Yes, 13-18 months	27	9.2%
Yes, 19-24 months	20	6.8%
Yes, more than 24 months	26	8.8%
No	86	29.2%
Number of answers	295	

Comparison over time: Were you active in research at KI before formal admission to doctoral education?

Before 2013 the question had only three options, therefore results from 2013-2015 are collapsed in this figure to match earlier years.



47. If yes, under which circumstances?

Answer	Responses	Percent
As a clinician	38	29.2%
In temporary employment at KI	62	47.7%
As permanently employed by KI	0	0.0%
Other	30	23.1%
Number of answers	130	

48. Any additional comments: [OPEN ENDED]