



Exit Poll for Doctoral Students 2013-2016

Board of Doctoral Education, Karolinska Institutet

Report conducted by Per J. Palmgren
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Report: Exit Poll for Doctoral Students 2013-2016

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Karolinska Institutet is one of the world's leading medical universities. Its vision is to significantly contribute to the improvement of human health. Karolinska Institutet accounts for the single largest share of all academic medical research conducted in Sweden and offers the country's broadest range of education in medicine and health sciences. The Nobel Assembly at Karolinska Institutet selects the Nobel laureates in Physiology or Medicine.

Introduction

Exit Poll is a survey of newly graduated doctors at Karolinska Institutet (KI). The purpose of the survey is to gather information about how KI's doctoral students experience their education. The congregated information then forms the foundation for measures to improve doctoral education and the situation of doctoral students. The questions posed in the questionnaire concern several aspects of the education, such as tutoring, mentoring, courses, administrative support from the institution and central administration, doctoral students' learning and work environment, and future plans after graduation.

Exit polls have been sent since 2008 to all graduate doctoral students in conjunction with, or shortly after, their public defense. Since 2015 the questionnaire is only being distributed to students obtaining a doctoral degree, previously it was also sent to students pursuing a licentiate degree.

In this report, results from four years (2013-2016) have been compiled. A similar summary was made in 2012 (dnr: 3-276 / 2013) and results from the previous compilation are included for the sake of comparison. There have also been reports at departmental level both for the period 2008-2012 and now for 2013-2016, which have been presented and handed over to the heads of department.

The number of questions in the survey has varied over the years. In the 2016 questionnaire (which this report is based on) there were 48 questions, containing both closed and open ended response options (questionnaire is attached as appendix). Five of the questions are so-called "Key questions", thus more general and broad, as well as incorporated in other evaluation tools being part of KI's coherent quality system.

Respondents have been guaranteed anonymity, which we take the most seriously. Questions which are of sensitive nature have therefore been dealt with separately. If the respondent has experienced discrimination or harassment (Q36), only the percentage that answered yes to any of the questions is reported. Thus, what kind of discrimination is not reported, nor the year in which the answer was given.

The following questions have been omitted from this report: 1. Open questions with free text answers (Q6, 12, 19, 28 and 32); for reasons of integrity and feasibility. 2. Questions intended being evaluated in special order but having a low public interest (Q4, 24, 25, 33, and 34). 3. Question about achieving examination objectives (Q9), which is too complex to be presented in simple charts, but which is followed up in another way.

It should be emphasized that responses mediated in this aggregated exit poll report describes the situation at KI retrospectively, as the survey has been launched only upon completion of doctoral studies. Unfortunately we do not have knowledge regarding the experience of current doctoral students at KI.

Who responded to the survey?

All doctoral students applying for a dissertation at KI will have access to the questionnaire through a personal link via an e-mail sent in conjunction with the public defense of the dissertation. The doctoral students answer the questionnaire anonymously.

During the period covered by this report, 2013-2016, 1421 doctoral students were asked to answer the questionnaire, which generated a total response rate of 83 percent, for the 2008-2012 periods the aggregated response rate was 75 percent.

Among those who answered 2013-2016, 62 percent were women and 38 percent men, largely reflecting the gender distribution among newly graduated doctors during the period (according to Ladok, the proportion of women among those who disputed 2013-2016 was 62 percent). The largest

group of respondents are in the age range 30-33 years (35 percent), followed by 35-44 years (32 percent). Of those responding during the period, 61 percent were from Sweden, 16 percent from Europe and 23 percent from outside Europe. 33 percent of respondents were clinically active, i.e. performing part-time doctoral studies combined with clinical work (Q2-3).

Summary of results

Doctoral students' general experience of their studies

91 percent of the doctoral students were fully or partly satisfied with their research education at KI, compared with 87 percent in 2008-2012. During the period 2008-2012, 52 percent were completely satisfied with their education and in 2013-2016 this response category had increased by 8 percentage points to 60 percent. This was more apparent among male doctoral students, non-European doctoral students and doctoral students who were active in the clinic.

93 percent of the students would recommend KI as a university for presumptive doctoral students, in full or in part, compared with 89 percent in 2008-2012.

Three fifths of doctoral students would definitely recommend their department to prospective students, 2008-2012 was the figure of 50 percent.

Tutorial

Among the doctoral students who answered the questionnaire, 80 percent would fully or partially recommend their main supervisor to potential students (an increase of 6 percentage points since 2008-2012), which was most apparent among male doctoral students and doctoral students who were clinically active. 82 percent of the respondents agreed in full or in part that they had had adequate supervision during their study time.

The doctoral students' overall perception of the quality and content of supervision was good, but in some areas there are opportunities for improvement e.g. 22 percent reported that the supervisor only little or not at all had discussed theory and 33 percent reported that future plans after graduation had only been discussed to a limited extent or not at all. These two issues were also problematic in 2008-2012, 31 and 39 percent respectively, but there has been a noteworthy improvement. A majority (72 percent) of the doctoral students were pleased with the annual follow-up of their individual study plans.

Courses and teaching

The doctoral students perceived that the quality of general science courses was good or very good (79 percent) and relevant for thesis work (80 percent). However, 30 percent of the students felt that the courses offered did not at all or only partially fit the wishes and needs that existed. Project-specific courses were ranked slightly better, with 86 percent of respondents experiencing that the quality of the course was good or very good and relevant for the thesis work (84 percent).

21 percent of the doctoral students had performed their education within a research school.

The proportion of students who had undergone pedagogical training/education was 36 percent and increased by 16 percentage points compared with 2008-2012. Doctoral students who taught between 1-10 percent of their full-time had increased from 39 percent in 2008-2013 to 47 percent in 2013-2016.

Working environment

86 percent of the doctoral students agreed, in whole or in part, that the working environment within their own research group was good. This positive perception was more apparent among male doctoral students and doctoral students who were active in the clinic.

Nearly 16 percent of respondents during this period (2013-2016) indicated that they had been subjected to unequal treatment, discrimination, condescending behavior and / or harassment during their doctoral studies.

Between 2012 and 2013, this part of the questionnaire was expanded with a further three sub-questions due to a new discrimination law. In conjunction with this, there was an increase of yes-responses to any of the questions from 13 percent in 2012 to 19 percent in 2013, which could be a consequence of the question being asked. It is plausible that more sub-questions lead to a greater proportion of yes-responses and that the actual reduction of exposed doctoral students between 2008-2012 (16.5%) and 2013-2016 (15.8%) may be greater than stated in the report.

It is not possible to demarcate from the question the severity of incidents, and whether it was on one or more occasions. One third of those who had experienced an incident conveyed that they contacted someone and most of them felt they got help, although not everyone thought that the help was adequate.

Regarding the question who was responsible for the incident, the most common answer was "a supervisor". However, this seems to be a downward trend; from 52 percent in 2008-2012 to 44 percent in 2013-2016. Instead, a larger proportion of respondents stated "other people", which may include other researchers or external persons.

Information and administrative support

67 percent of the doctoral students experienced, in whole or in part, that they had received a good introduction and information from the institution when they started their education.

88 percent were fully or partially satisfied with the administrative support from the institution (82 percent in 2008-2012). Among the respondents, 80 percent were fully or partially satisfied with the support of from the director of studies at the department, an increase of 9 percentage points from 2008-2012.

Time before graduate education and study rate

Of the respondents, 28 percent had been active in research more than one year prior to formal admission, 45 percent reported that they were active less than one year and 27 percent did not conduct research prior to formal admission. These figures are largely congruent with data from 2008-2012.

A total of 54 percent had completed their doctoral education on full-time.

Future

Almost half of the doctoral students (46 percent) planned for a post doc after thesis defense, of which 22 percent at KI, 7 percent at another university in Sweden and 17 percent at a higher educational institution abroad.

13 percent of doctoral students planned to work in the private sector, 11 percent in the public sector and 20 percent planned to continue to work clinically.

In Swedish

Inledning

Exit poll är en undersökning av nydisputerade vid Karolinska Institutet (KI). Syftet med enkäten är att samla in information om hur KI:s doktorander upplever sin utbildning. Informationen ligger sedan till grund för åtgärder för att förbättra utbildningen och situationen för doktorander. De frågor som ställs i enkäten berör flera olika aspekter av doktorandtiden, såsom handledning, mentorskap, kurser på forskarnivå, administrativt stöd från institutionen och den centrala förvaltningen, doktorandernas studie- och arbetsmiljö, samt framtidsplaner efter examen.

Enkäter har skickats sedan 2008 till alla doktorander i samband med, eller strax efter, deras disputation. Sedan 2015 skickas enkäten endast till disputerade, tidigare skickades den även ut i samband med licentiatexamen.

I denna rapport har resultat från fyra år (2013-2016) sammanställts. En liknande sammanställning gjordes 2012 (dnr: 3-276/2013) och resultat från den tidigare sammanställningen finns med för jämförelse. Det har också tagits fram rapporter på institutionsnivå både för perioden 2008-2012 och nu för 2013-2016 som delgetts prefekterna.

Antal frågor i enkäten har varierat lite mellan åren. I 2016 års enkät (som denna rapport utgår ifrån) fanns 48 frågor som besvaras med både slutna och öppna svarsalternativ (enkäten finns bifogad som bilaga). Fem av frågorna är s.k. nyckelfrågor och är av mer övergripande karaktär samt även förekommer i andra utvärderingsinstrument i KI:s sammanhängande kvalitetssystem.

Respondenterna har utlovats full anonymitet vilket vi tar på största allvar. Frågor av extra känslig natur har därför hanterats i särskild ordning. På frågan om respondenten har upplevt diskriminering eller trakasserier (Q36) redovisas endast den procentandel som svarat ja på någon av delfrågorna. Vilken typ av diskriminering det handlar om redovisas alltså inte, inte heller vilket år svaret avgavs.

Följande frågor har utelämnats från denna rapport: 1. Öppna frågor med fritextsvar (Q6, 12, 19, 28, 32); både av integritetsskäl och av praktiska skäl. 2. Frågor med syfte att utvärderas i särskild ordning, men som har ett lågt allmänintresse (Q4, 24, 25, 33, 34). 3. Fråga om målluppfyllnad (Q9) som är alltför komplex att redovisa i enkla diagram men som följs upp på annat sätt.

Det bör poängteras att respondenternas svar som förmedlas i exit poll-resultaten beskriver hur situationen var på KI en bit tillbaka i tiden, i och med att svar avläggs först vid avslutad forskarutbildning. Nuvarande doktoranders upplevelse av KI har vi inte motsvarande kunskap om.

Vilka svarade på enkäten?

Alla doktorander som ansöker om att få disputeras vid KI får tillgång till enkäten genom en personlig länk via ett e-postmeddelande som skickas ut i samband med disputationen. Doktoranderna besvarar enkäten anonymt.

Under perioden som täcks av denna rapport, 2013-2016, ombads 1421 doktorander att svara på enkäten vilket genererade en sammanlagd svarsfrekvens på 83 procent, för perioden 2008-2012 var svarsfrekvensen 75 procent.

Bland de som svarade 2013-2016 var 62 procent kvinnor och 38 procent män, vilket i stort avspeglar könsfördelningen bland disputerade under perioden (enligt Ladok var andel kvinnor hos de som disputerade 2013-2016 62 procent). Den största gruppen av de svarande doktoranderna befinner sig i åldersspannet 30 – 33 år (35 procent), följt av 35-44 år (32 procent). Av de som svarade under perioden var 61 procent från Sverige, 16 procent från Europa och 23 procent från utanför Europa. 33 procent av respondenterna var kliniskt aktiva, dvs. de gjorde sin forskarutbildning på deltid och kombinerade den med kliniskt arbete (Q2-3).

Resultatsammanfattning

Doktorandernas generella upplevelse av sin forskarutbildning

91 procent av doktoranderna var helt eller delvis nöjda med sin utbildning på forskarnivå vid KI, jämfört med 87 procent åren 2008-2012. Under perioden 2008-2012 var 52 procent helt nöjda med sin utbildning och 2013-2016 hade denna kategori ökat med 8 procentenheter till 60 procent. Detta var mer påtagligt bland manliga doktorander, doktorander från utanför Europa och doktorander som var kliniskt aktiva.

93 procent av doktoranderna skulle helt eller delvis rekommendera KI som universitet för presumtiva doktorander, jämfört med 89 procent åren 2008-2012.

Tre femtedelar av doktoranderna skulle definitivt rekommendera den institution de disputerat vid till blivande forskarstuderande, 2008-2012 var siffran 50 procent.

Handledning

Bland de doktorander som svarat på enkäten skulle 80 procent helt eller delvis rekommendera sin huvudhandledare till blivande forskarstuderande (en ökning med 6 procentenheter sedan 2008-2012), detta var mest påtagligt bland manliga doktorander och doktorander som var kliniskt aktiva. 82 procent av respondenterna instämde helt eller delvis att de fått adekvat handledning under sin studietid.

Doktorandernas övergripande uppfattning om handledningens kvalitet och innehåll var bra, men på några områden finns förbättringsmöjligheter. Exempelvis svarade 22 procent av doktoranderna att handledaren bara i liten grad eller inte alls hade diskuterat teori och 33 procent rapporterade att framtidsplaner efter examen bara hade diskuterats i liten grad eller inte alls. Dessa två frågor var också problematiska i 2008-2012 med 31 respektive 39 procent, dock har det skett en kraftig förbättring. En majoritet (72 procent) av doktoranderna var nöjda med den årliga uppföljningen av den individuella studieplanen.

Kurser och undervisning

Doktoranderna upplevde att kvaliteten på allmänvetenskapliga kurser var bra eller väldigt bra (79 procent) och relevanta för avhandlingsarbetet (80 procent). 30 procent av doktoranderna ansåg dock att kursutbudet inte alls eller till bara liten del uppfyllt de önskemål och behov som funnits. De projektspecifika kurserna rankades lite bättre, där 86 procent av respondenterna upplevde att kurskvaliteten var bra eller väldigt bra och relevant för avhandlingsarbetet (84 procent).

21 procent av doktoranderna hade genomgått forskarskola.

Andelen forskarstuderande som hade genomgått en högskolepedagogisk utbildning var 36 procent och ökat med 16 procentenheter jämfört med 2008-2012. Doktorander som undervisat mellan 1-10 procent av sin heltid hade ökat från 39 procent 2008-2013 till 47 procent 2013-2016.

Arbetsmiljö

86 procent av doktoranderna instämde, helt eller delvis, att arbetsmiljön inom den egna forskargruppen var bra. Denna positiva uppfattning var mer påtaglig bland manliga doktorander och doktorander som var kliniskt aktiva.

Knappt 16 procent av de svarande under perioden (2013-2016) angav att de någon gång under sin forskarutbildning varit utsatt för ojämlik behandling, diskriminering, nedlåtande beteende och/eller trakasserier.

Mellan 2012 och 2013 utökades denna del av enkäten med ytterligare tre delfrågor pga. ny diskrimineringslag. I samband med detta så ökade antalet ja-svar på någon av delfrågorna från 13 procent 2012 till 19 procent 2013, vilket skulle kunna vara en konsekvens av att frågan gjordes om. Det är plausibelt att fler delfrågor leder till en större andel ja-svar och att den verkliga minskningen

av utsatta doktorander mellan 2008-2012 (16,5 %) och 2013-2016 (15,8 %) kan vara större än vad som framgår i rapporten.

Det går inte att utläsa ur frågan hur allvarliga incidenterna var, inte heller om det handlade om ett eller flera tillfällen. En tredjedel av de som varit med någon incident angav att de kontaktat någon och de flesta då upplevde att de fått hjälp, även om inte alla tyckte att hjälpen var tillräcklig.

På frågan om vem som var ansvarig för incidenten var det vanligaste svaret "handledare", detta verkar dock vara en nedåtgående trend; från 52 procent under den tidigare svarsperioden 2008-2012 till 44 procent 2013-2016. Istället var det en större andel som svarade "övriga personer", vilket t.ex. kan inkludera andra forskare eller externa personer.

Information och administrativt stöd

67 procent av doktoranderna upplevde helt eller delvis att de fått en bra introduktion och information av institutionen när de påbörjade sin utbildning.

88 procent var helt eller delvis nöjda med det administrativa stödet från institutionen (82 procent under 2008-2012). Bland de svarande var 80 procent helt eller delvis nöjda med stödet från studierektor på institutionen, en ökning med 9 procentenheter från 2008-2012.

Tiden före forskarutbildning och studietakt

Av de svarande hade 28 procent varit aktiva inom forskning mer än ett år före antagning, 45 procent uppgav att de varit aktiva mindre än ett år och 27 procent att de inte bedrivit forskning före formell antagning. Dessa siffror är i stort sett kongruenta med data från 2008-2012.

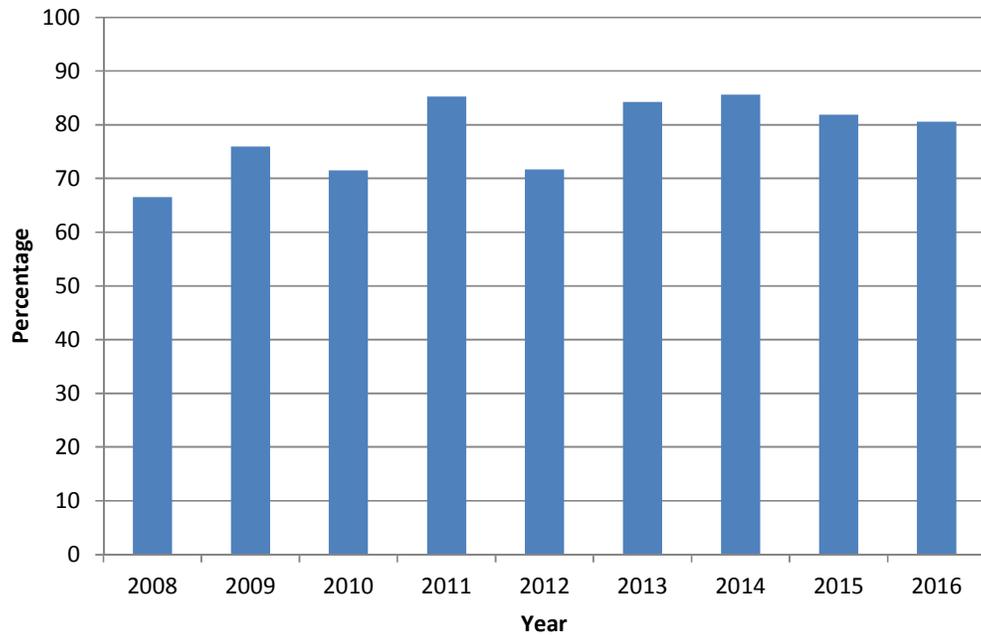
Sammanlagt hade 54 procent avklarad sina doktorandstudier på heltid.

Framtid

Nästan hälften av doktoranderna (46 procent) planerade för en post doc efter disputation, varav 22 procent vid KI, 7 procent på annat universitet i Sverige och 17 procent på ett lärosäte utomlands.

13 procent av doktoranderna planerade att jobba i den privata sektorn, 11 procent i den offentliga sektorn och 20 procent planerade att fortsätta att arbeta kliniskt.

Response rate



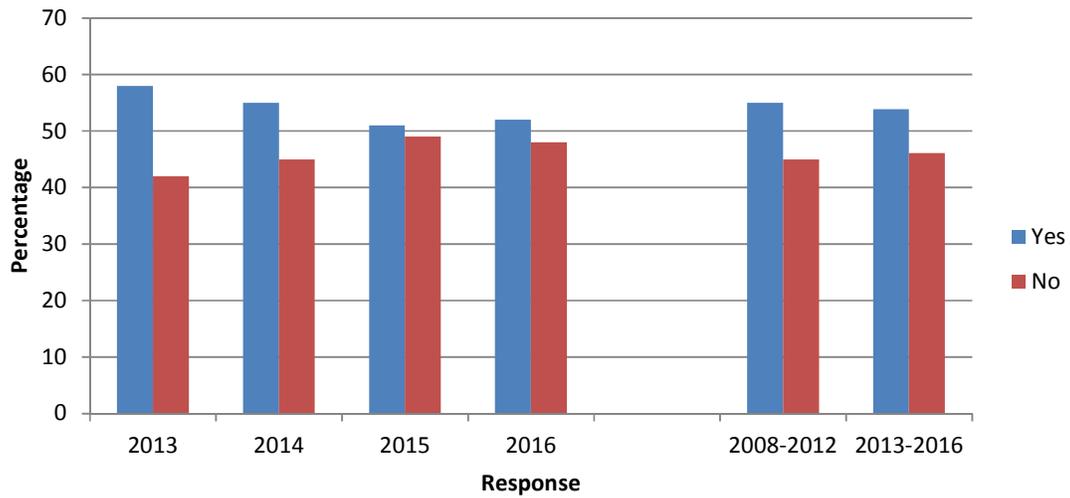
Year	Number of questionnaires sent out	Number of responses	Response rate percentage
2008	406	270	66.5
2009	411	312	75.9
2010	389	278	71.5
2011	360	307	85.3
2012	374	268	71.7
2013	367	309	84.2
2014	354	303	85.6
2015	360	295	81.9
2016	340	274	80.6

General Information

1. Which KI department do you belong to?

Department	Frequency (%)				
	2013	2014	2015	2016	2013-2016
Department of Biosciences and Nutrition	8 (2.6)	4 (1.3)	10 (3.4)	10 (3.6)	32 (2.7)
Department of Cell and Molecular Biology	4 (1.3)	9 (3.0)	7 (2.4)	6 (2.2)	26 (2.2)
Department of Clinical Neuroscience	23 (7.4)	22 (7.3)	26 (8.8)	19 (6.9)	90 (7.6)
Department of Clinical Science and Education, Södersjukhuset	14 (4.5)	8 (2.6)	8 (2.7)	10 (3.6)	40 (3.4)
Department of Clinical Science, Intervention and Technology	18 (5.8)	19 (6.3)	21 (7.1)	18 (6.6)	76 (6.4)
Department of Clinical Sciences, Danderyd Hospital	6 (1.9)	8 (2.6)	5 (1.7)	5 (1.8)	24 (2.0)
Department of Dental Medicine	3 (1.0)	3 (1.0)	7 (2.4)	4 (1.5)	17 (1.4)
Department of Laboratory Medicine	26 (8.4)	10 (3.3)	16 (5.4)	16 (5.8)	68 (5.8)
Department of Learning, Informatics, Management and Ethics	4 (1.3)	5 (1.7)	5 (1.7)	7 (2.6)	21 (1.8)
Department of Medical Biochemistry and Biophysics	12 (3.9)	7 (2.3)	9 (3.1)	15 (5.5)	43 (3.6)
Department of Medical Epidemiology and Biostatistics	14 (4.5)	8 (2.6)	11 (3.7)	8 (2.9)	41 (3.5)
Department of Medicine, Huddinge	13 (4.2)	11 (3.6)	10 (3.4)	11 (4.0)	45 (3.8)
Department of Medicine, Solna	22 (7.1)	32 (10.6)	23 (7.8)	23 (8.4)	100 (8.5)
Department of Microbiology, Tumor and Cell Biology	21 (6.8)	21 (6.9)	10 (3.4)	8 (2.9)	60 (5.1)
Department of Molecular Medicine and Surgery	15 (4.9)	22 (7.3)	16 (5.4)	20 (7.3)	73 (6.2)
Department of Neurobiology, Care Sciences and Society	19 (6.1)	19 (6.3)	26 (8.8)	21 (7.7)	85 (7.2)
Department of Neuroscience	8 (2.6)	15 (5.0)	4 (1.4)	5 (1.8)	32 (2.7)
Department of Oncology-Pathology	16 (5.2)	18 (5.9)	24 (8.1)	12 (4.4)	70 (5.9)
Department of Physiology and Pharmacology	11 (3.6)	13 (4.3)	9 (3.1)	11 (4.0)	44 (3.7)
Department of Public Health Sciences	20 (6.5)	12 (4.0)	10 (3.4)	7 (2.6)	49 (4.1)
Department of Women's and Children's Health	16 (5.2)	23 (7.6)	19 (6.4)	21 (7.7)	79 (6.7)
Institute of Environmental Medicine	16 (5.2)	14 (4.6)	19 (6.4)	17 (6.2)	66 (5.6)
Number of answers	309	303	295	274	1181

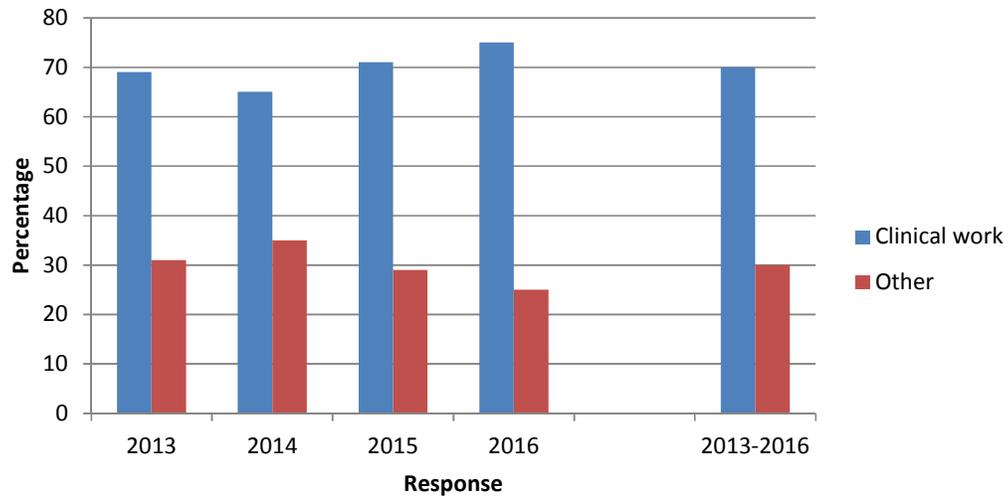
2. Have you performed your doctoral education full-time?



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Yes	178 (57.6)	166 (54.8)	151 (51.2)	141 (51.5)	642 (55.4)	636 (53.9)
No	131 (42.4)	137 (45.2)	144 (48.8)	133 (48.5)	517 (44.6)	545 (46.1)
Number of answers	309	303	295	274	1159	1181

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

The respondents could choose more than one response option.



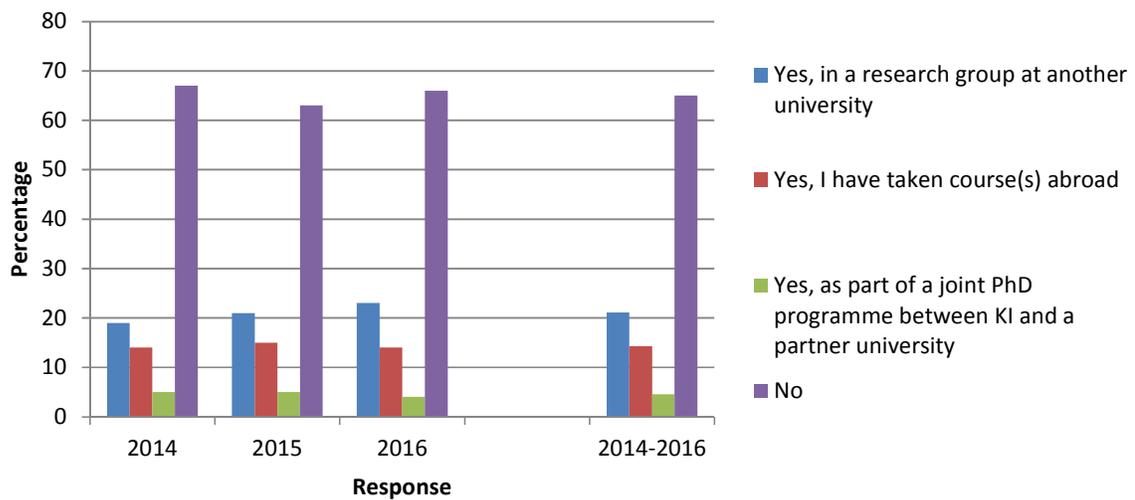
Response	Frequency (%)				
	2013	2014	2015	2016	2013-2016
Clinical work	90 (68.7)	89 (65.0)	103 (71.0)	104 (74.8)	386 (70.0)
Other ¹	41 (31.3)	48 (35.0)	42 (29.0)	35 (25.2)	166 (30.0)
Number of answers	131	137	145	139	552

¹Incorporating: Work within industry, Teaching, Other work, Parental leave, Studies

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

The respondents could choose more than one response option.

The question was added to the Exit poll in 2014

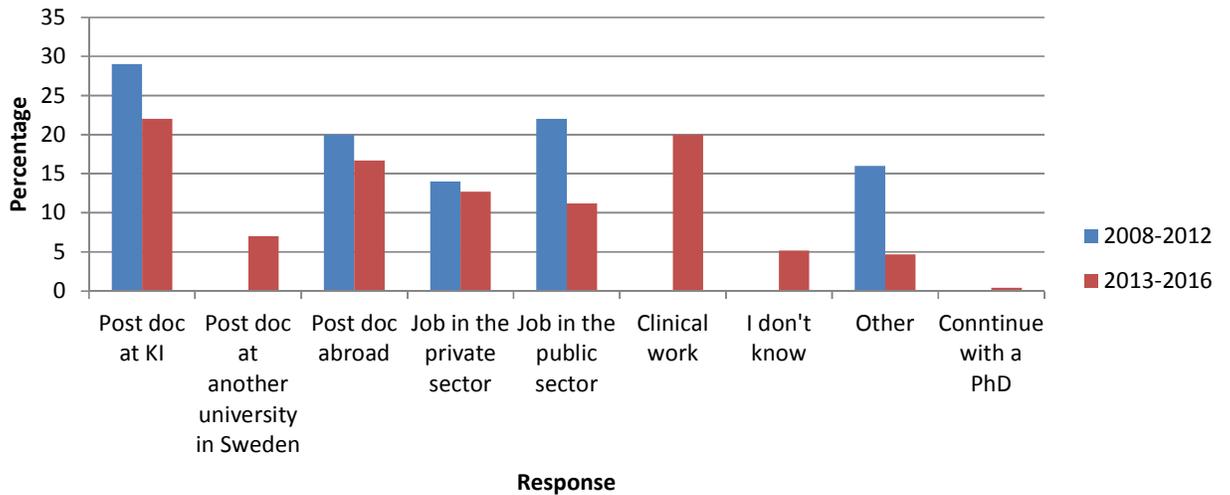
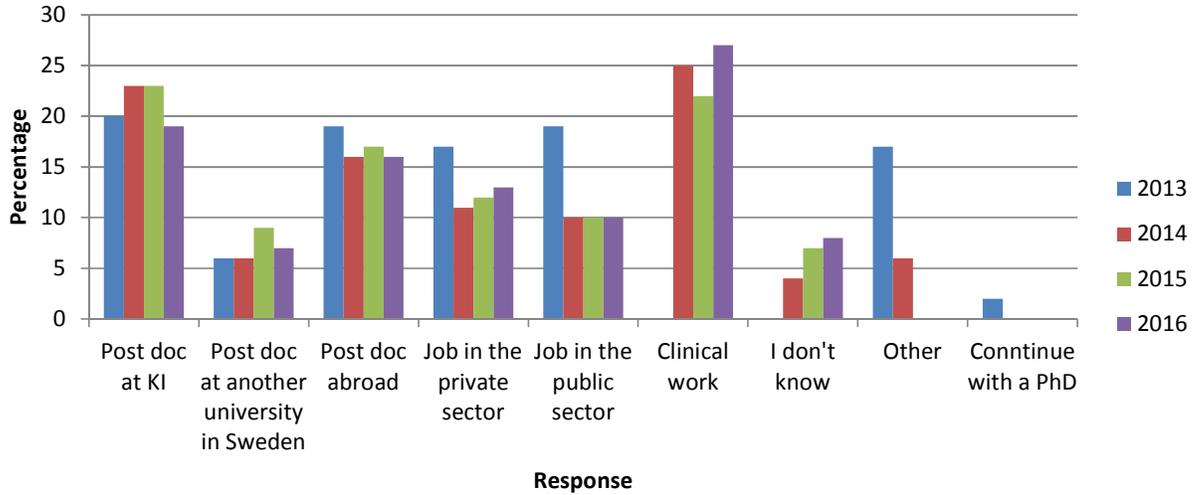


Response	Frequency (%) ¹			
	2014	2015	2016	2014-2016
Yes, in a research group at another university	58 (19.1)	62 (21.0)	64 (23.4)	184 (21.1)
Yes, I have taken course(s) abroad	42 (13.9)	45 (15.3)	38 (13.9)	125 (14.3)
Yes, as part of a joint PhD programme between KI and a partner university	15 (5.0)	15 (5.1)	10 (3.6)	40 (4.6)
No	202 (66.7)	185 (62.7)	180 (65.7)	567 (65.0)
Number of answers	317	307	292	916

¹ Relative frequency based on response option “Yes” or “No”

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

The respondents could choose more than one response option (except in 2013).



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Response	Frequency (%)					
	2013 ^a	2014	2015	2016	2008-2012	2013-2016
Post doc at KI	59 (20.0)	102 (22.6)	103 (23.4)	80 (19.4)	419 (29.3)	354 (22.0)
Post doc at another university in Sweden	17 (5.8)	28 (6.2)	41 (9.3)	27 (6.5)	^e	113 (7.0)
Post doc abroad	56 (19.0)	72 (16.0)	74 (16.8)	67 (16.2)	278 (19.5)	269 (16.7)
Job in the private sector	50 (16.9)	49 (10.9)	51 (11.6)	55 (13.3)	200 (14.0)	205 (12.7)
Job in the public sector	55 (18.6)	43 (9.5)	42 (9.5)	41 (9.9)	309 (21.6)	181 (11.2)
Clinical work	^b	112 (24.8)	98 (22.2)	112 (27.1)		322 (20.0)
I don't know	^b	20 (4.4)	32 (7.3)	31 (7.5)		83 (5.2)
Other	51 (17.3)	25 (5.5)	^d	^d	223 (15.6)	76 (4.7)
Continue with a PhD ^c	7 (2.4)					7 (0.4)
Number of answers	295	451	441	413	1429	1610

^a Not multiple choice in 2013

^b Response options added in 2014

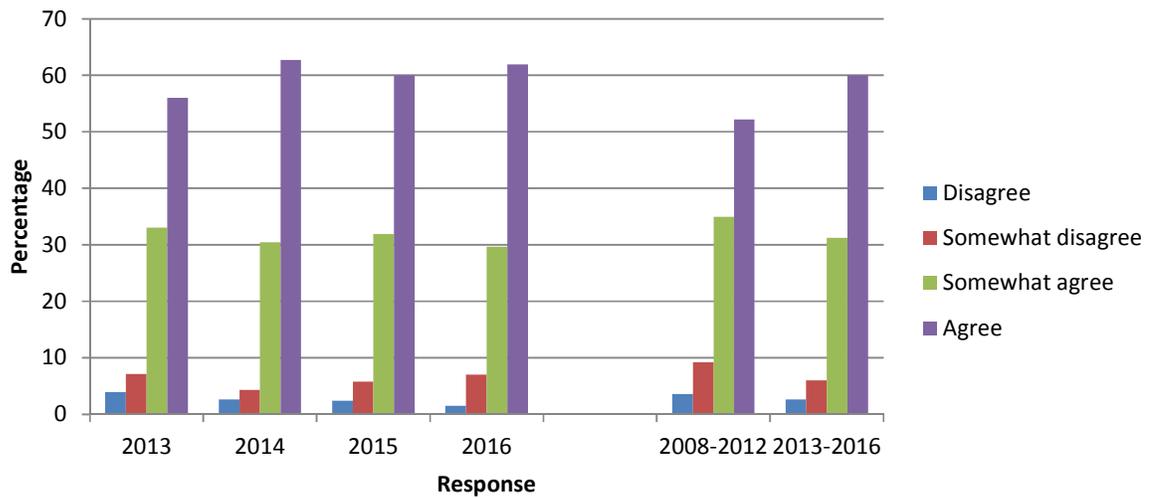
^c Response option only possible in 2013

^d Open ended question with free text answer in 2015 and 2016

^e Merged with data above as the response option was not available in 2008-2012

Doctoral Education and Examination Objectives

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

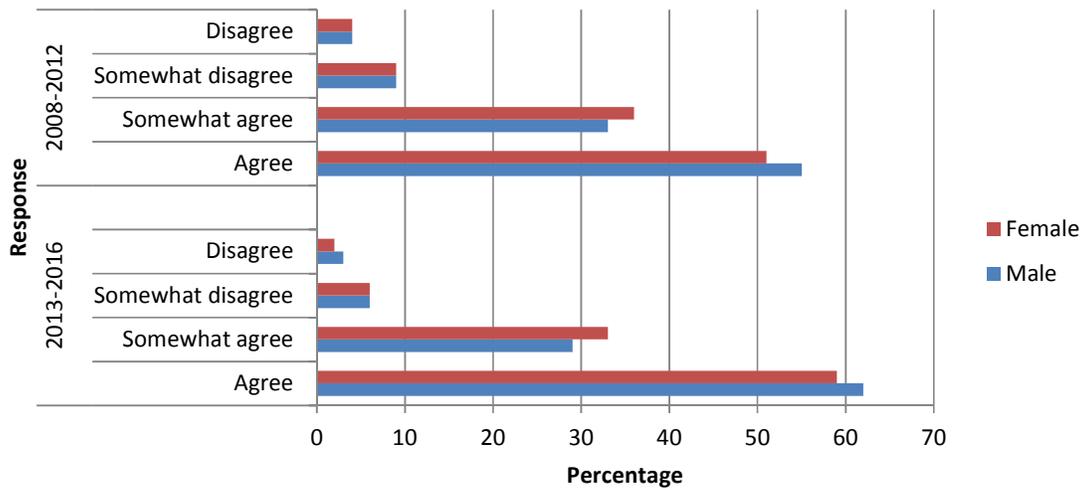


Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Disagree	12 (3.9)	8 (2.6)	7 (2.4)	4 (1.5)	52 (3.6)	31 (2.6)
Somewhat disagree	22 (7.1)	13 (4.3)	17 (5.8)	19 (7.0)	132 (9.2)	71 (6.0)
Somewhat agree	102 (33.0)	92 (30.4)	94 (31.9)	81 (29.7)	499 (34.9)	369 (31.3)
Agree	173 (56.0)	190 (62.7)	177 (60.0)	169 (61.9)	746 (52.2)	709 (60.1)
Number of answers	309	303	295	273	1429	1180

* Key question

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

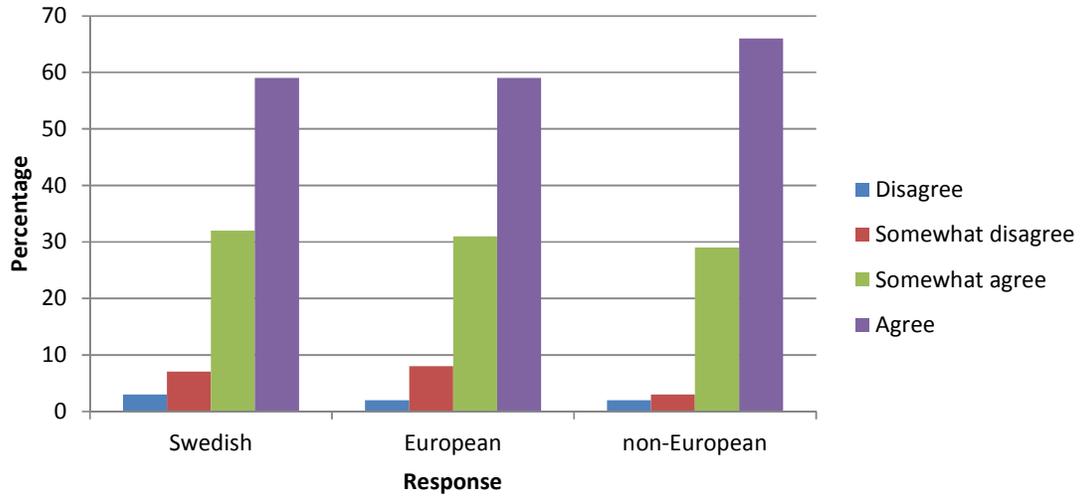
Data presented according to gender



Response	Frequency (%)			
	2008-2012		2013-2016	
	Female	Male	Female	Male
Disagree	33 (3.8)	19 (3.5)	17 (2.3)	14 (3.1)
Somewhat disagree	83 (9.4)	49 (8.9)	43 (5.9)	28 (6.3)
Somewhat agree	318 (36.1)	181 (33.0)	241 (32.9)	128 (28.6)
Agree	446 (50.7)	300 (54.6)	432 (58.9)	277 (62.0)
Number of answers	880	549	733	447

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

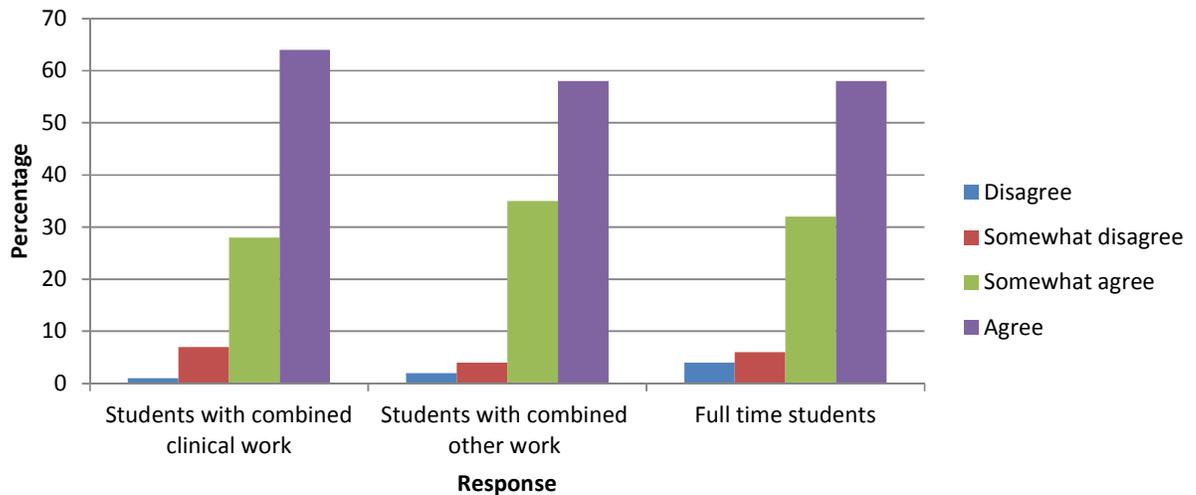
Data presented according to nationality



Response	Frequency (%)		
	Swedish	European	non-European
Disagree	20 (2.8)	4 (2.2)	6 (2.2)
Somewhat disagree	47 (6.6)	15 (8.2)	9 (3.3)
Somewhat agree	227 (31.7)	57 (31.0)	79 (28.8)
Agree	423 (59.0)	108 (58.7)	180 (65.7)
Number of answers	717	184	274

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

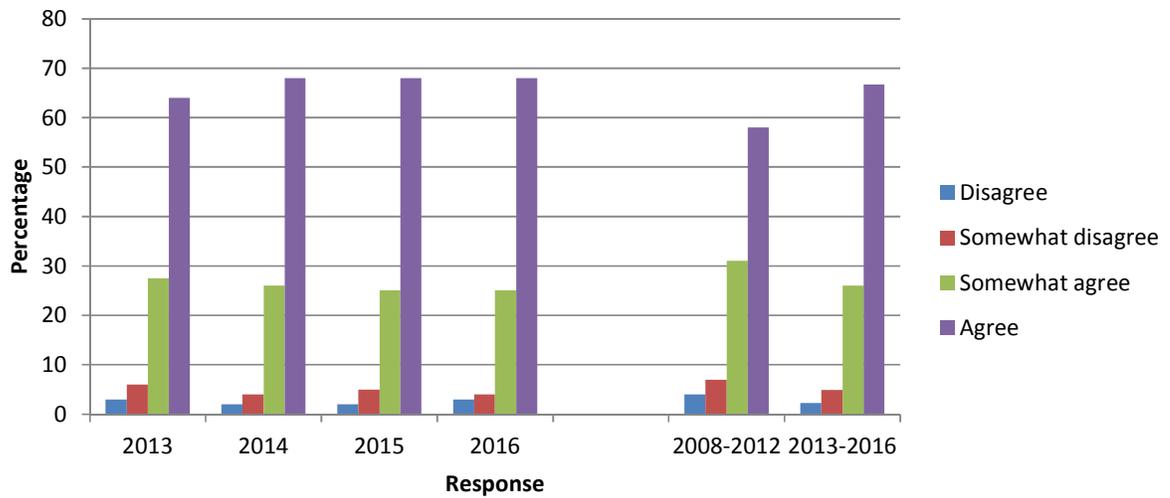
Data contrasting students combining PhD studies with clinical work or other work and full time students



Response	Frequency (%)		
	Students with combined clinical work	Students with combined other work ¹	Full time students
Disagree	5 (1.3)	4 (2.4)	22 (3.5)
Somewhat disagree	25 (6.5)	7 (4.2)	39 (6.1)
Somewhat agree	108 (28.0)	58 (34.9)	204 (32.1)
Agree	248 (64.2)	97 (58.4)	370 (58.3)
Number of answers	386	166	635

¹ Incorporating: Work within industry, Teaching, Other work, Parental leave, Studies

10. I would recommend KI to prospective doctoral students.*

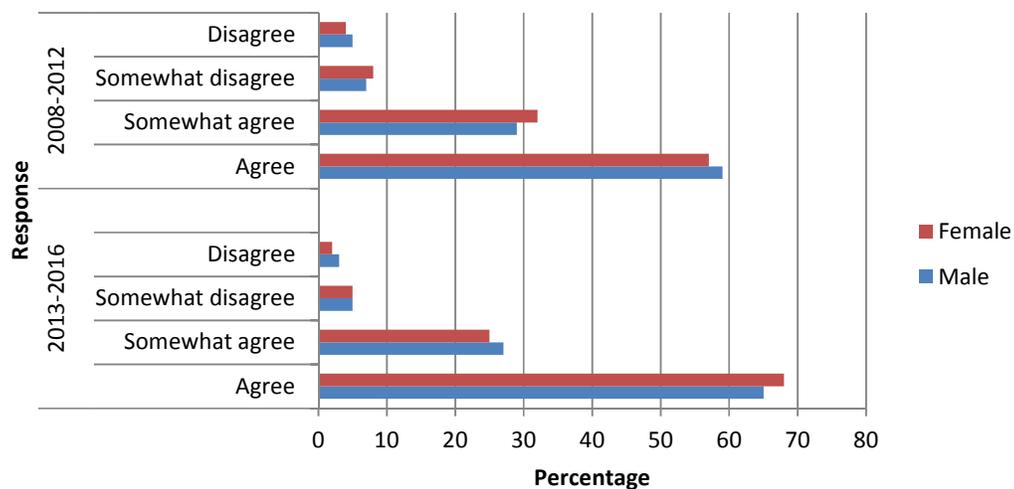


Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Disagree	8 (2.6)	6 (2.0)	5 (1.7)	8 (2.9)	62 (4.3)	27 (2.3)
Somewhat disagree	19 (6.1)	13 (4.3)	15 (5.1)	11 (4.0)	104 (7.3)	58 (4.9)
Somewhat agree	85 (27.5)	78 (25.7)	75 (25.4)	69 (25.3)	440 (30.8)	307 (26.0)
Agree	197 (63.8)	206 (68.0)	200 (67.8)	185 (67.8)	823 (57.6)	788 (66.8)
Number of answers	309	303	295	273	1429	1180

* Key question

Cont. I would recommend KI to prospective doctoral students.

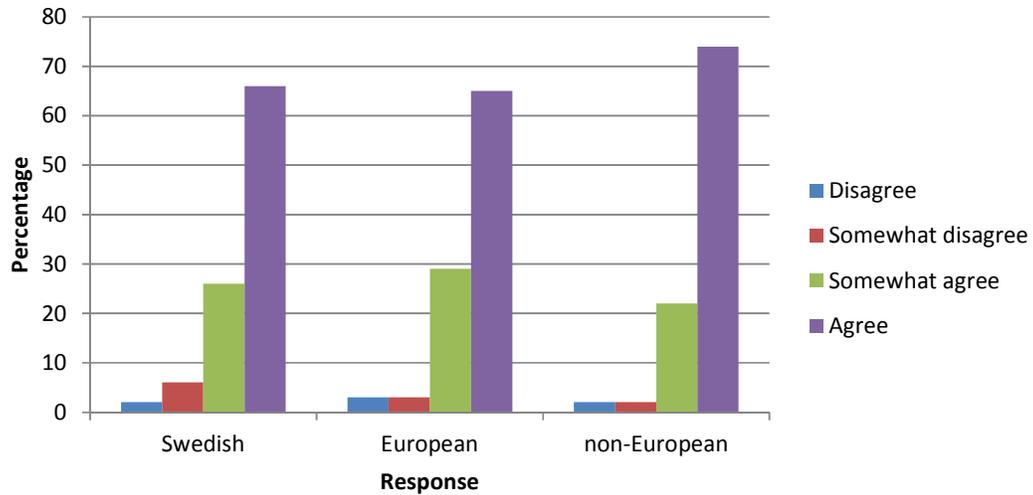
Data presented according to gender



Response	Frequency (%)			
	2008-2012		2013-2016	
	Female	Male	Female	Male
Disagree	34 (3.9)	28 (5.1)	13 (1.8)	14 (3.1)
Somewhat disagree	67 (7.6)	37 (6.7)	35 (4.8)	23 (5.1)
Somewhat agree	281 (31.9)	159 (29.0)	186 (25.4)	121 (27.1)
Agree	498 (56.6)	325 (59.2)	499 (68.1)	289 (64.7)
Number of answers	880	549	733	447

Cont. I would recommend KI to prospective doctoral students.

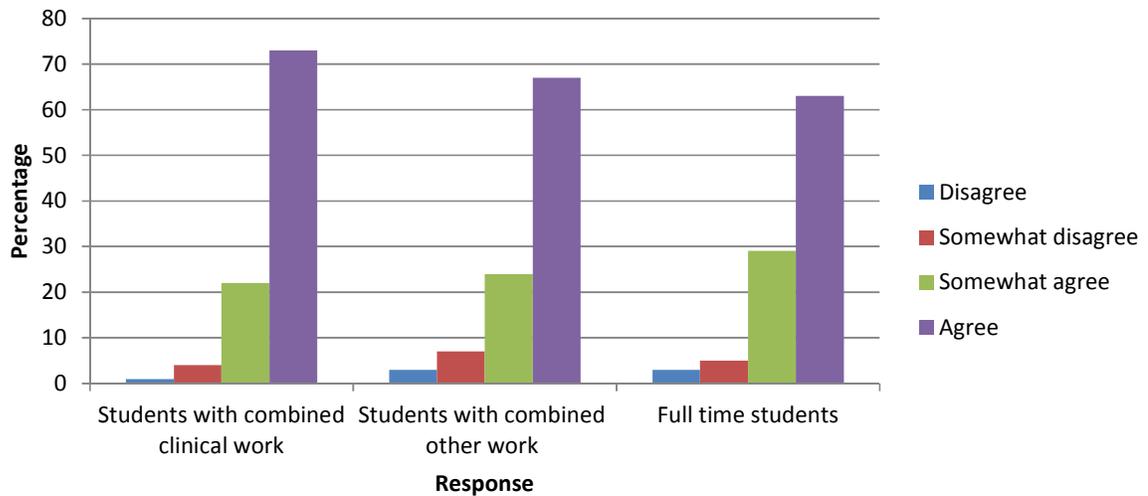
Data presented according to nationality



Response	Frequency (%)		
	Swedish	European	non-European
Disagree	16 (2.2)	5 (2.7)	6 (2.2)
Somewhat disagree	42 (5.9)	6 (3.3)	6 (2.2)
Somewhat agree	189 (26.4)	53 (28.8)	59 (21.5)
Agree	470 (65.6)	120 (65.2)	203 (74.1)
Number of answers	717	184	274

Cont. I would recommend KI to prospective doctoral students.

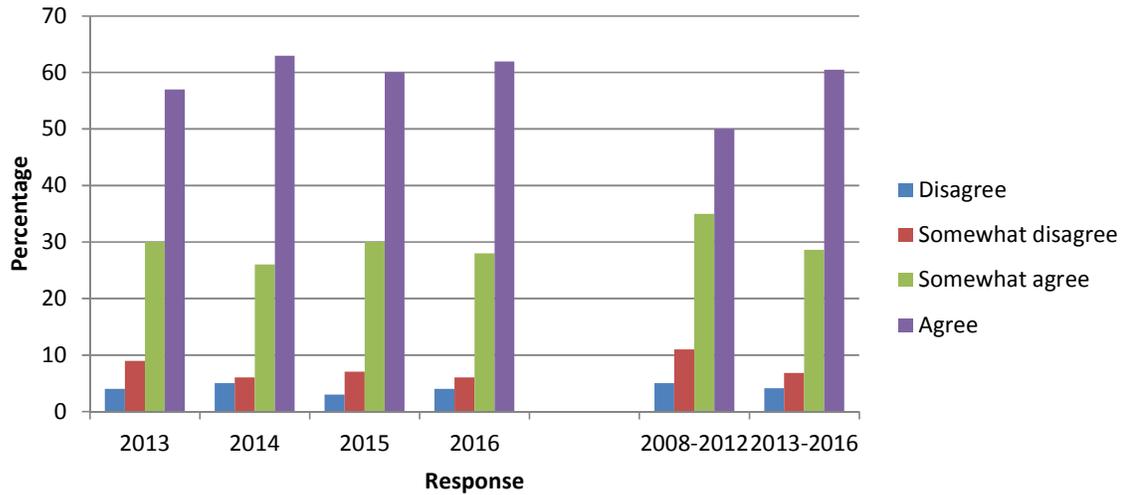
Data contrasting students combining PhD studies with clinical work or other work and full time students



Response	Frequency (%)		
	2013-2016		
	Students with combined clinical work	Students with combined other work ¹	Full time students
Disagree	3 (0.8)	5 (3.0)	19 (3.0)
Somewhat disagree	16 (4.1)	11 (6.6)	32 (5.0)
Somewhat agree	86 (22.3)	39 (23.5)	182 (28.7)
Agree	281 (72.8)	111 (66.9)	402 (63.3)
Number of answers	386	166	635

¹Incorporating: Work within industry, Teaching, Other work, Parental leave, Studies

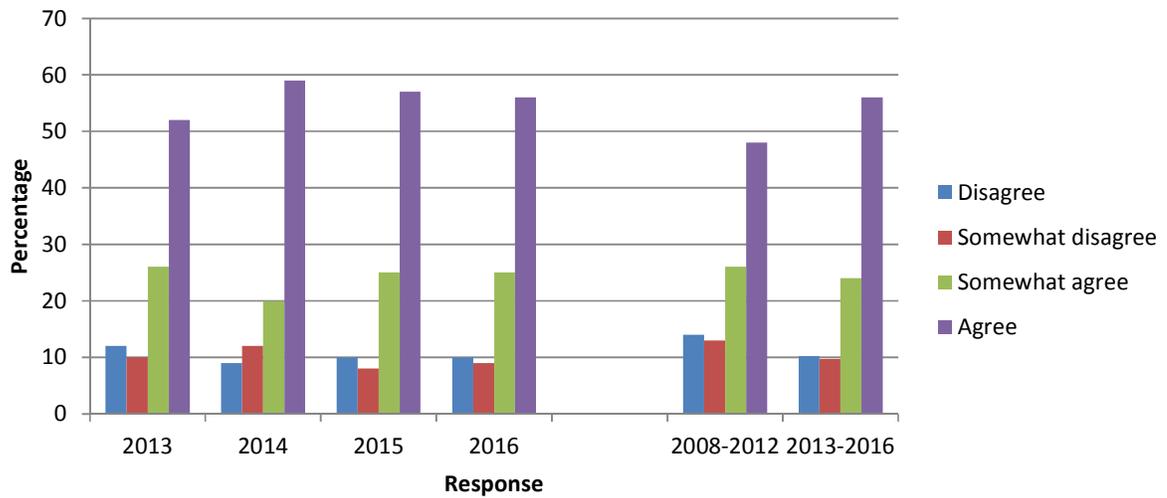
11. I would recommend my department to prospective doctoral students.



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Disagree	13 (4.2)	15 (5.0)	8 (2.7)	12 (4.4)	68 (4.8)	48 (4.1)
Somewhat disagree	27 (8.7)	17 (5.6)	21 (7.1)	15 (5.5)	150 (10.5)	80 (6.8)
Somewhat agree	94 (30.4)	79 (26.1)	88 (29.8)	77 (28.2)	495 (34.6)	338 (28.6)
Agree	175 (56.6)	192 (63.4)	178 (60.3)	169 (61.9)	716 (50.1)	714 (60.5)
Number of answers	309	303	295	273	1429	1180

Supervision

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

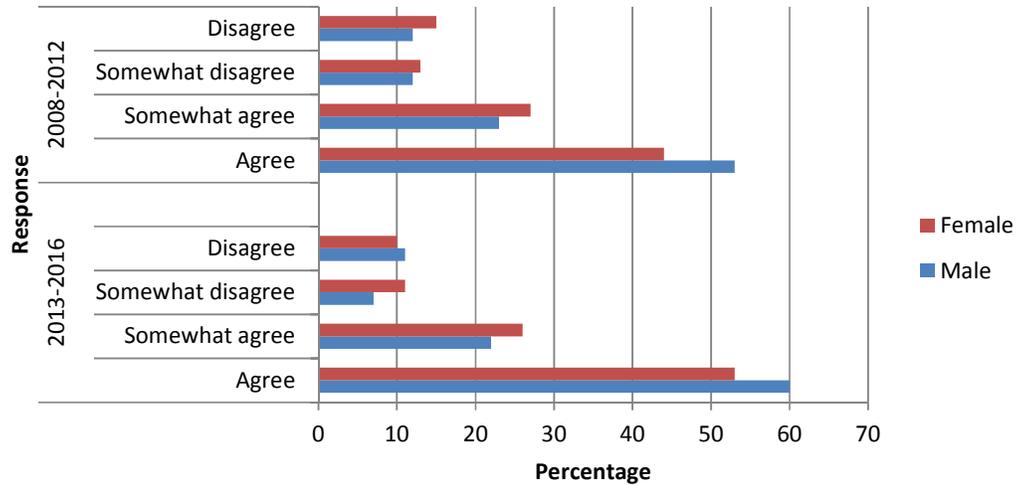


Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Disagree	37 (12.0)	28 (9.2)	29 (9.8)	27 (9.9)	198 (13.9)	121 (10.2)
Somewhat disagree	32 (10.4)	35 (11.6)	23 (7.8)	25 (9.1)	184 (12.9)	115 (9.7)
Somewhat agree	79 (25.6)	61 (20.1)	75 (25.4)	69 (25.2)	365 (25.5)	284 (24.0)
Agree	161 (52.1)	179 (59.1)	168 (56.9)	153 (55.8)	682 (47.7)	661 (56.0)
Number of answers	309	303	295	274	1429	1181

* Key question

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

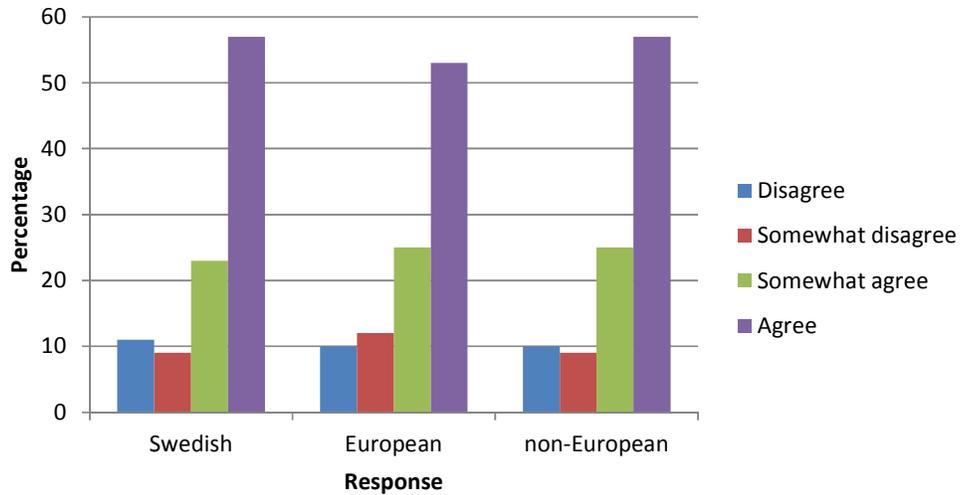
Data presented according to gender



Response	Frequency (%)			
	2008-2012		2013-2016	
	Female	Male	Female	Male
Disagree	135 (15.3)	63 (11.5)	74 (10.1)	47 (10.5)
Somewhat disagree	117 (13.3)	67 (12.2)	82 (11.2)	33 (7.4)
Somewhat agree	237 (26.9)	128 (23.3)	187 (25.5)	97 (21.7)
Agree	391 (44.4)	291 (53.0)	391 (53.3)	270 (60.4)
Number of answers	880	549	734	447

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

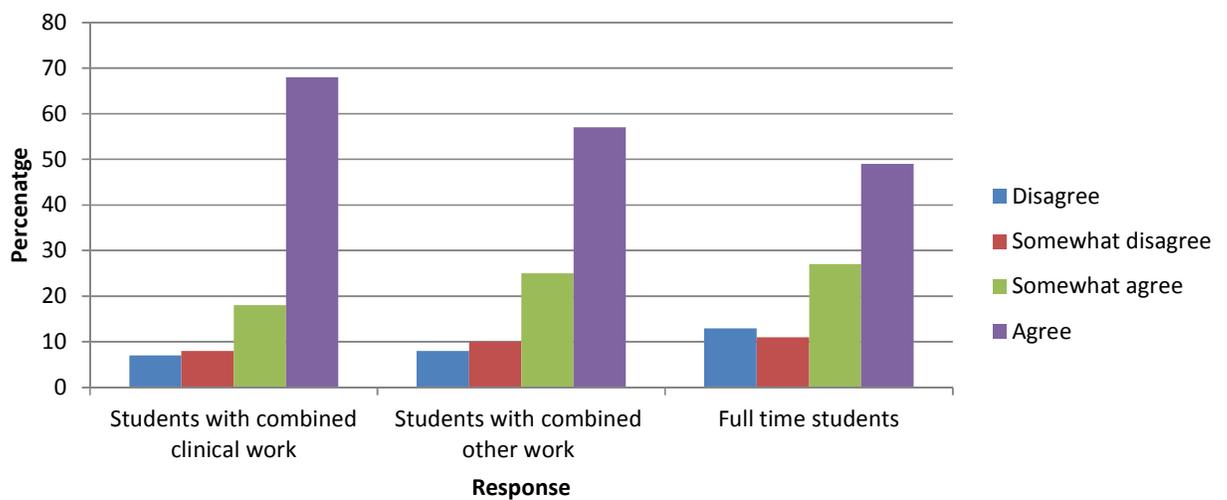
Data presented according to nationality



Response	Frequency (%)		
	Swedish	European	non-European
Disagree	77 (10.7)	19 (10.3)	26 (9.5)
Somewhat disagree	66 (9.2)	22 (12.0)	24 (8.8)
Somewhat agree	167 (23.3)	46 (25.0)	67 (24.5)
Agree	408 (56.8)	97 (52.7)	157 (57.3)
Number of answers	718	184	274

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

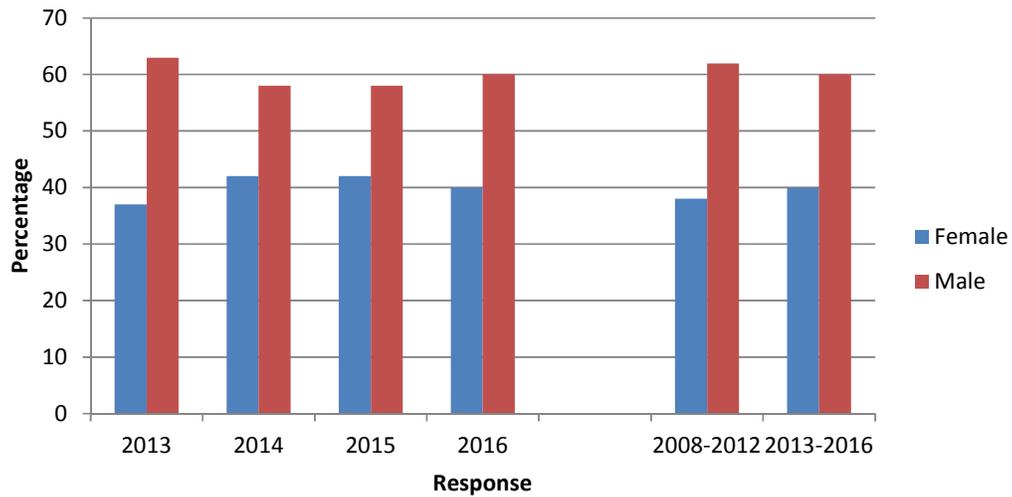
Data contrasting students combining PhD studies with clinical work or other work and full time students



Response	Frequency (%)		
	2013-2016		
	Students with combined clinical work	Students with combined other work ¹	Full time students
Disagree	25 (6.5)	14 (8.4)	82 (12.9)
Somewhat disagree	29 (7.5)	16 (9.6)	71 (11.2)
Somewhat agree	68 (17.6)	41 (24.7)	174 (27.4)
Agree	264 (68.4)	95 (57.2)	309 (48.6)
Number of answers	386	166	636

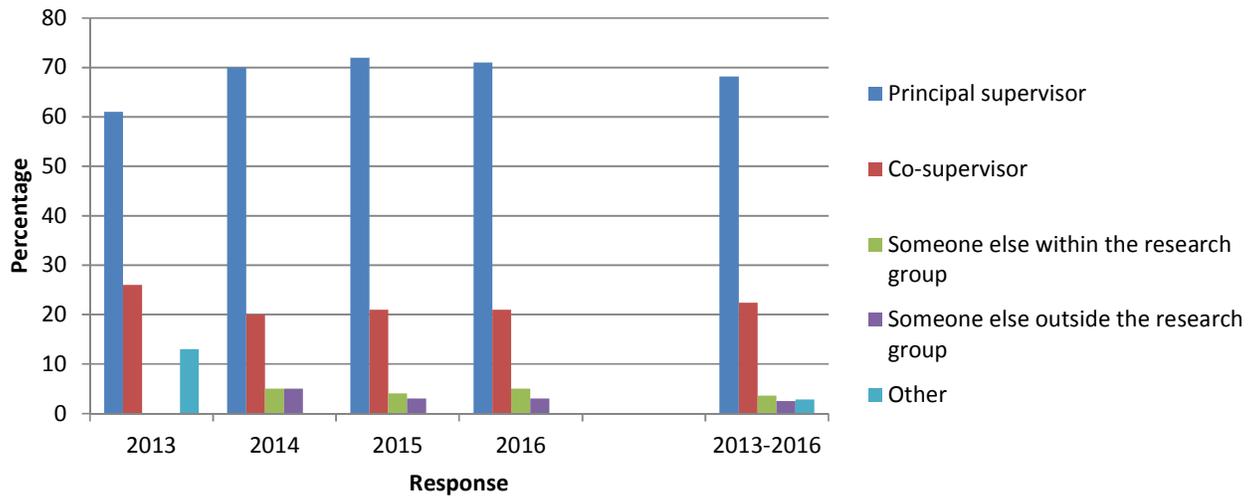
¹Incorporating: Work within industry, Teaching, Other work, Parental leave, Studies

14. My principal supervisor is:



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Female	114 (36.9)	126 (41.6)	123 (41.7)	109 (39.8)	540 (37.8)	472 (40.0)
Male	195 (63.1)	177 (58.4)	172 (58.3)	165 (60.2)	889 (62.2)	709 (60.0)
Number of answers	309	303	295	274	1429	1181

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



Response	Frequency (%)				
	2013	2014	2015	2016	2013-2016
Principal supervisor	187 (60.5)	213 (70.3)	211 (71.5)	194 (70.8)	805 (68.2)
Co-supervisor	82 (26.5)	81 (20.1)	63 (21.4)	58 (21.2)	264 (22.4)
Someone else within the research group ¹		15 (5.0)	13 (4.4)	14 (5.1)	42 (3.6)
Someone else outside the research group ¹		14 (4.6)	8 (2.7)	8 (2.9)	30 (2.5)
Other ^{2,3}	40 (13.0)				40 (3.4)
Number of answers	309	303	295	274	1181

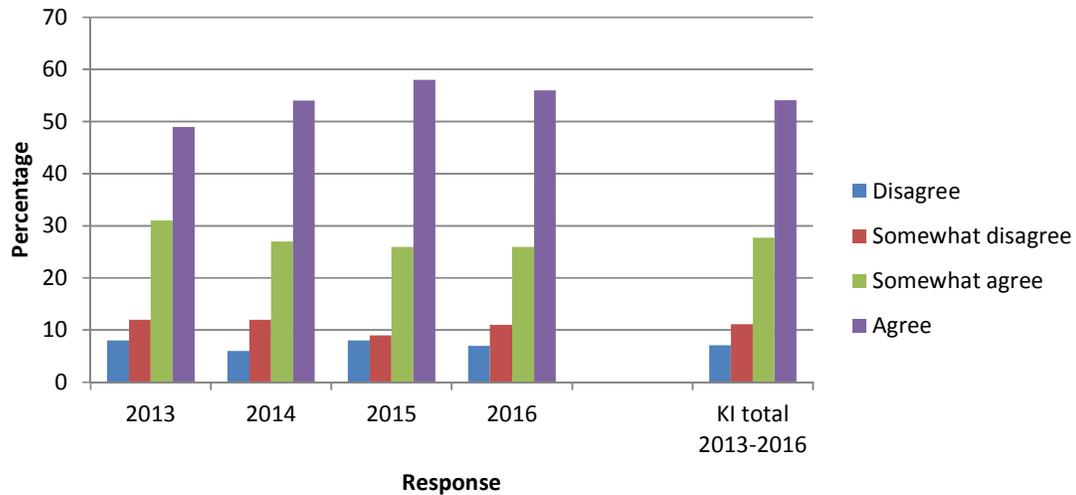
¹ Response option added in 2014

² Response option only available in 2013

³ Response option also includes categories "Post-doc" and "Fellow PhD –student"

16. I have received adequate supervision.*

The question was added to the Exit poll in 2013.

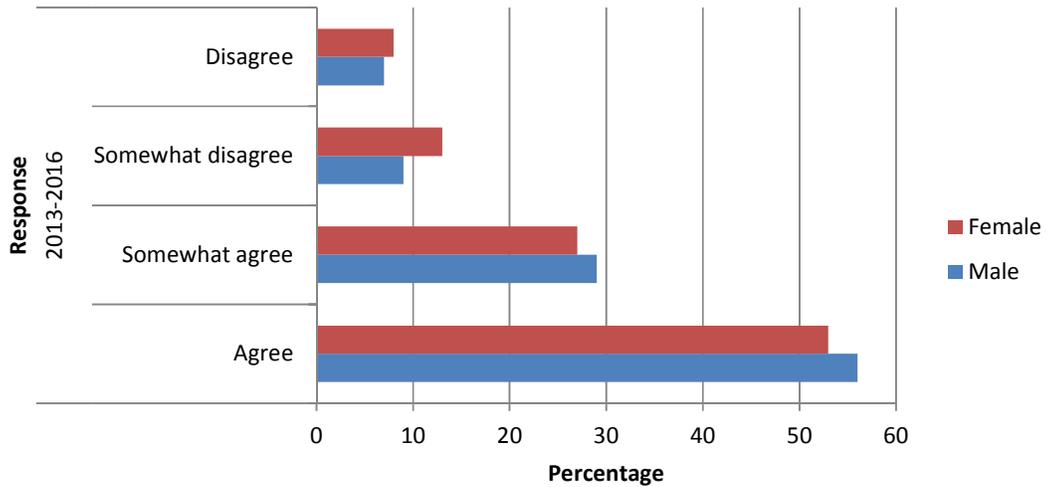


Response	Frequency (%)				
	2013	2014	2015	2016	2013-2016
Disagree	25 (8.1)	19 (6.3)	22 (7.5)	18 (6.6)	84 (7.1)
Somewhat disagree	38 (12.3)	37 (12.2)	25 (8.5)	31 (11.3)	131 (11.1)
Somewhat agree	96 (31.1)	83 (27.4)	77 (26.1)	71 (25.9)	327 (27.7)
Agree	150 (48.5)	164 (54.1)	171 (58.0)	154 (56.2)	639 (54.1)
Number of answers	309	303	295	274	1181

* Key question

Cont. I have received adequate supervision.

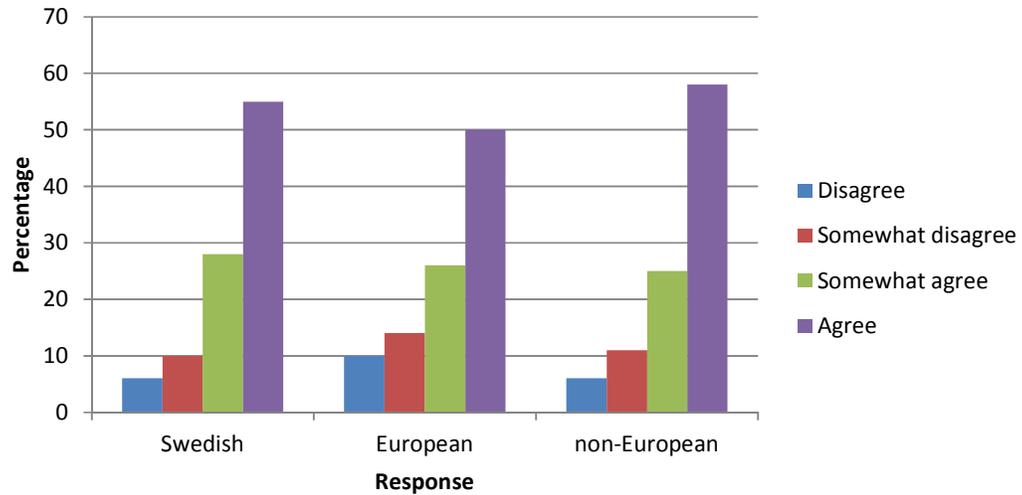
Data presented according to gender



Response	Frequency (%)	
	Female	Male
Disagree	55 (7.5)	29 (6.5)
Somewhat disagree	92 (12.5)	39 (8.7)
Somewhat agree	198 (27.0)	129 (28.9)
Agree	389 (53.0)	250 (55.9)
Number of answers	734	447

Cont. I have received adequate supervision.

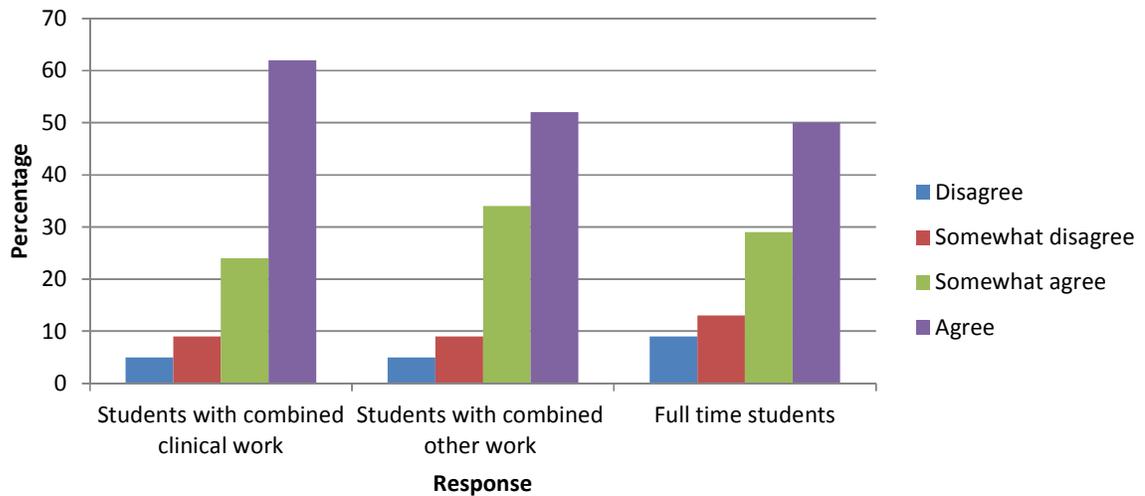
Data presented according to nationality



Response	Frequency (%)		
	Swedish	European	non-European
Disagree	46 (6.4)	19 (10.3)	17 (6.2)
Somewhat disagree	72 (10.0)	26 (14.1)	30 (10.9)
Somewhat agree	204 (28.4)	47 (25.5)	69 (25.2)
Agree	396 (55.2)	92 (50.0)	158 (57.7)
Number of answers	718	184	274

Cont. I have received adequate supervision.

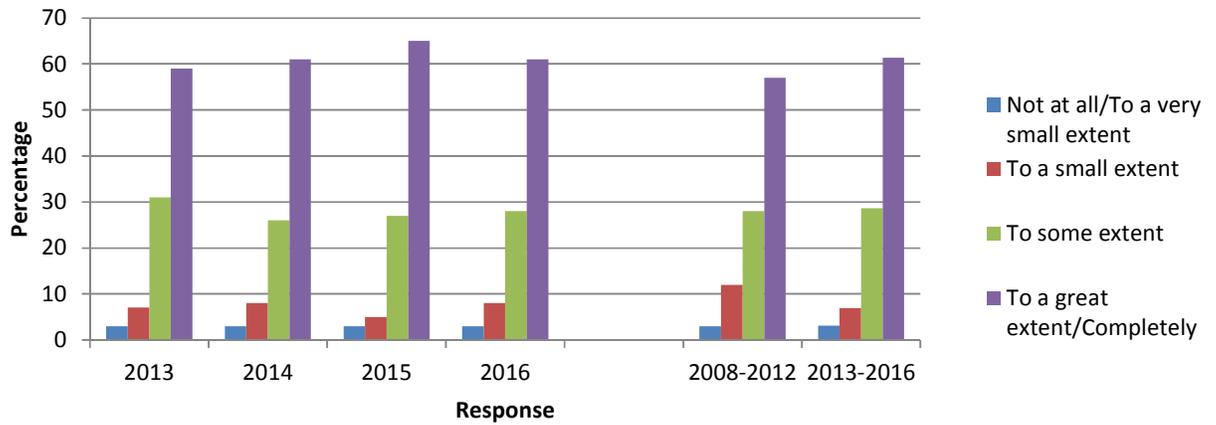
Data contrasting students combining PhD studies with clinical work or other work and full time students



Response	Frequency (%)		
	Students with combined clinical work	Students with combined other work ¹	Full time students
Disagree	19 (4.9)	8 (4.8)	58 (9.1)
Somewhat disagree	35 (9.1)	15 (9.0)	81 (12.7)
Somewhat agree	91 (23.6)	56 (33.7)	181 (28.5)
Agree	241 (62.4)	87 (52.4)	316 (49.7)
Number of answers	386	166	636

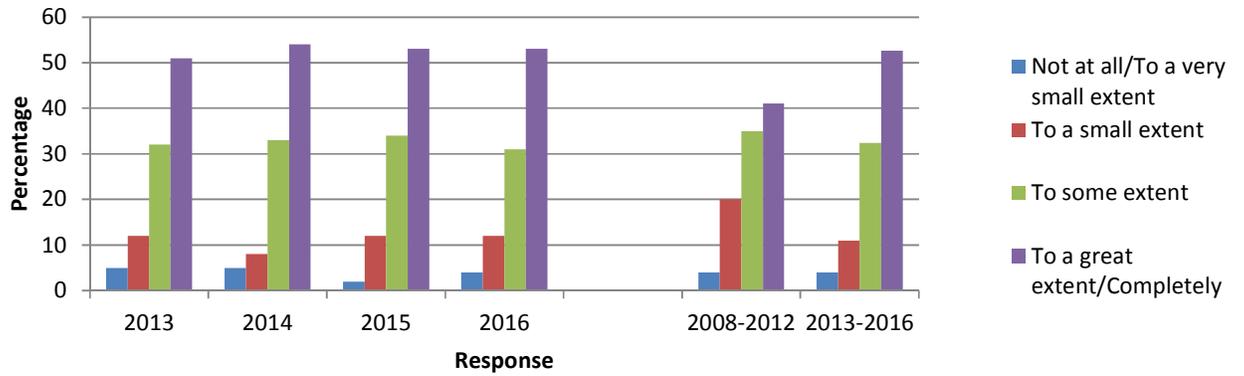
¹Incorporating: Work within industry, Teaching, Other work, Parental leave, Studies

17a. To what extent have your supervisors displayed interest in your doctoral education?



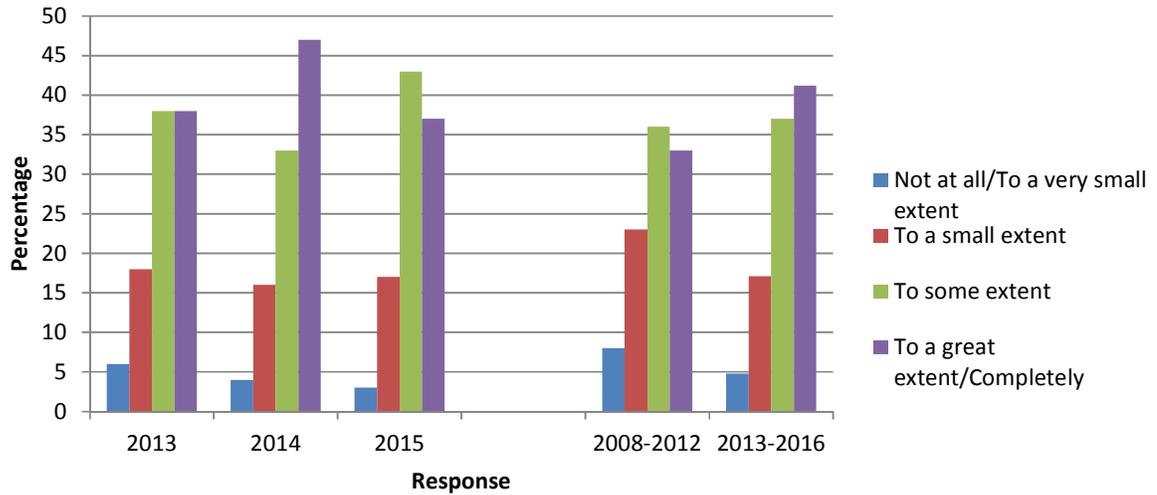
Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Not at all/to a very small extent	10 (3.2)	10 (3.3)	8 (2.7)	9 (3.3)	45 (3.3)	37 (3.1)
To a small extent	23 (7.4)	23 (7.6)	15 (5.1)	21 (7.7)	165 (12.1)	82 (6.9)
To some extent	95 (30.7)	86 (26.4)	80 (27.1)	77 (28.1)	378 (27.6)	338 (28.6)
To a great extent	181 (58.6)	184 (60.7)	192 (65.1)	167 (60.9)	781 (57.0)	724 (61.3)
Number of answers	309	303	295	274	1369	1181

17b. To what extent have your supervisors discussed methodological issues with you?



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Not at all/to a very small extent	15 (4.9)	15 (5.0)	6 (2.0)	11 (4.0)	61 (4.4)	47 (4.0)
To a small extent	38 (12.3)	24 (7.9)	35 (11.9)	33 (12.0)	277 (20.2)	130 (11.0)
To some extent	98 (31.7)	100 (33.0)	99 (33.6)	86 (31.4)	478 (34.9)	383 (32.4)
To a great extent	158 (51.1)	164 (54.1)	155 (52.5)	144 (52.6)	555 (40.5)	621 (52.6)
Number of answers	309	303	295	274	1371	1181

17c. To what extent have your supervisors discussed theory with you?

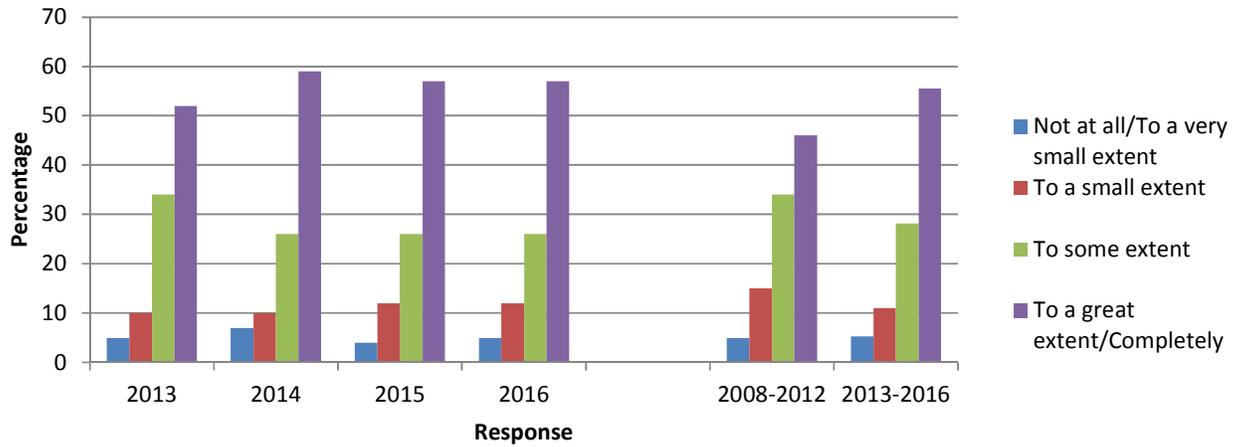


Response	Frequency (%)					
	2013	2014	2015	2016 ^b	2008-2012	2013-2016
Not at all/to a very small extent	19 (6.1)	13 (4.4)	6 (3.2)		108 (7.9)	38 (4.8)
To a small extent	56 (18.1)	48 (15.8)	32 (17.3)		312 (22.8)	136 (17.1)
To some extent	117 (37.9)	99 (32.7)	79 (42.7)		495 (36.2)	295 (37.0)
To a great extent	117 (37.9)	143 (47.2)	68 (36.8)		454 (33.2)	328 (41.2)
Number of answers	309	303	185 ^a		1369	797 ²

^a Missing data half of 2015 due to change of new survey tool.

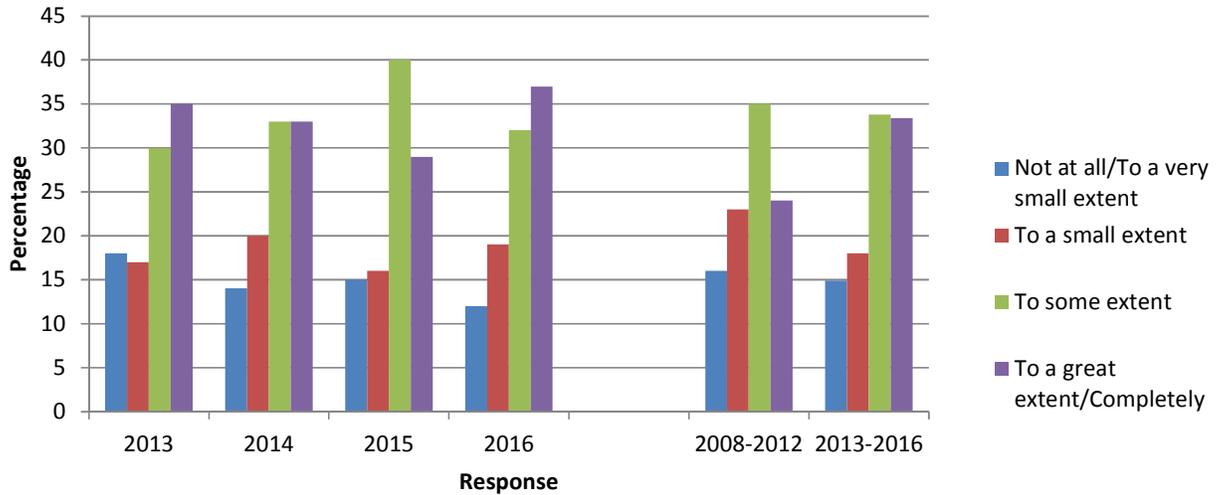
^b Missing data for 2016. This question was by mistake left out in conjunction with the implementation of a new survey tool in September 2015 and was not corrected until after 2016.

17d. To what extent have your supervisors provided constructive criticism of your research?



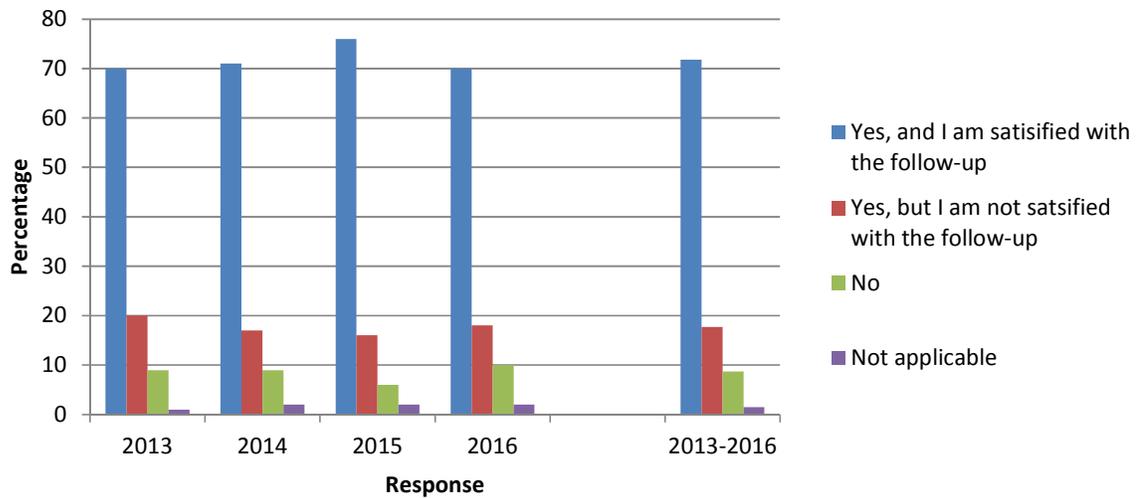
Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Not at all/to a very small extent	15 (4.9)	21 (6.9)	13 (4.4)	14 (5.1)	74 (5.4)	69 (5.3)
To a small extent	30 (9.7)	31 (10.2)	36 (12.2)	33 (12.0)	206 (15.0)	130 (11.0)
To some extent	105 (34.0)	79 (26.1)	78 (26.4)	71 (25.9)	463 (33.8)	333 (28.2)
To a great extent	159 (51.5)	172 (58.8)	168 (56.9)	156 (56.9)	626 (45.7)	655 (55.5)
Number of answers	309	303	295	274	1369	1181

17e. To what extent have your supervisors discussed your plans for the future with you?



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Not at all/to a very small extent	55 (17.8)	43 (14.2)	44 (14.9)	34 (12.4)	215 (15.7)	176 (14.9)
To a small extent	52 (16.8)	61 (20.1)	47 (15.9)	52 (19.0)	320 (23.4)	212 (18.0)
To some extent	93 (30.1)	100 (33.0)	118 (40.0)	88 (32.1)	485 (35.4)	399 (33.8)
To a great extent	109 (35.3)	99 (32.7)	86 (29.2)	100 (36.5)	350 (23.5)	394 (33.4)
Number of answers	309	303	295	274	1370	1181

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



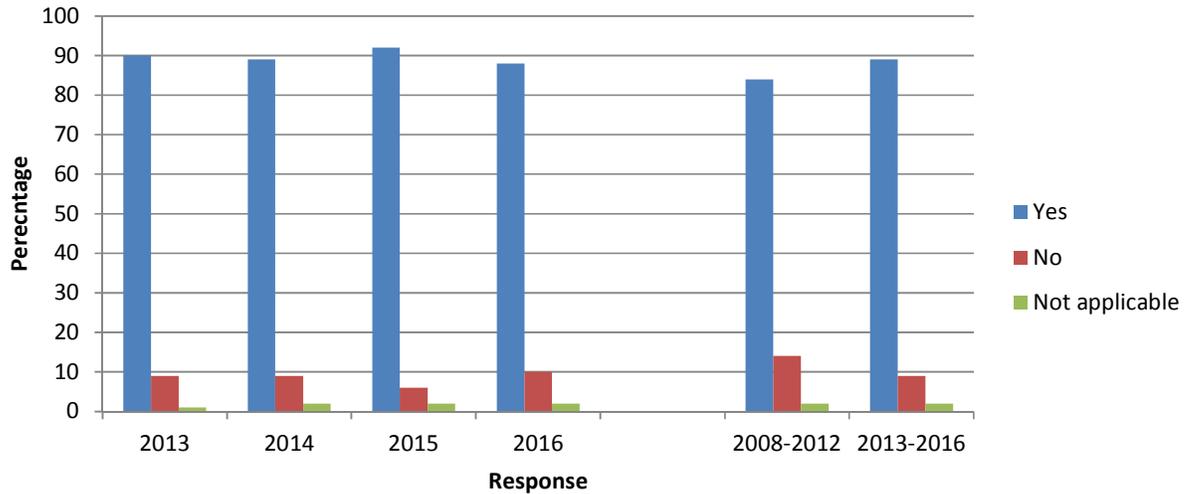
See following page for comparison with 2008-2012

Response	Frequency (%)				
	2013	2014	2015	2016	2013-2016
Yes, and I am satisfied with the follow-up	215 (69.6)	216 (71.3)	224 (75.9)	193 (70.4)	848 (71.8)
Yes, but I am not satisfied with the follow-up	62 (20.1)	52 (17.2)	47 (15.9)	48 (17.5)	209 (17.7)
No	29 (9.4)	28 (9.2)	18 (6.1)	28 (10.2)	103 (8.7)
Not applicable ^{1,2}	3 (1.0)	7 (2.3)	6 (2.0)	5 (1.8)	18 (1.5)
Number of answers	309	303	295	274	1178

¹ Response option added in 2014

² Recuparated data also includes the response option "I don't have any individual study plan" from 2013

In 2008-2012 the response option was only “Yes”, thus from 2013 the response format was dichotomized as “Yes, and I am satisfied with the follow-up” and “Yes, but I am not satisfied with the follow-up”. However, to facilitate comparisons of data over time the two Yes-response options from 2013-2016 are collapse in the figure.



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Yes ¹	277 (89.6)	268 (88.5)	271 (91.9)	241 (88.0)	1205 (84.3)	1057 (89.4)
No	29 (9.4)	28 (9.2)	18 (6.1)	28 (10.2)	195 (13.7)	103 (8.8)
Not applicable ^{2,3}	3 (1.0)	7 (2.3)	6 (2.0)	5 (1.8)	29 (2.0)	21 (1.8)
Number of answers	309	303	295	274	1429	1181

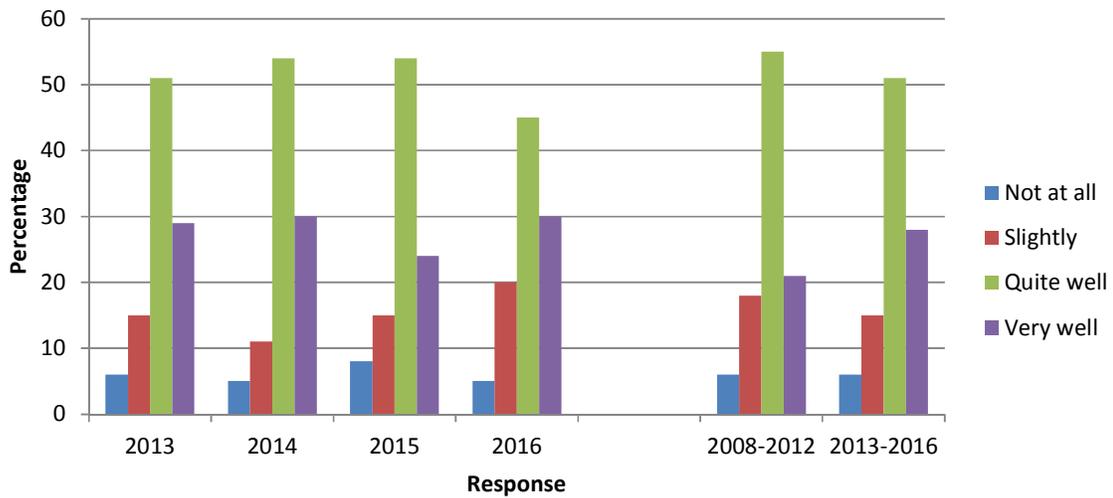
¹ In data from 2008-2012 the response option was only “Yes”, thus from 2013 the response format was dichotomized

² Response option added in 2014

³ Recuperated data also includes the response option “I don’t have any individual study plan” from 2013 and prior

20. Regarding 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.

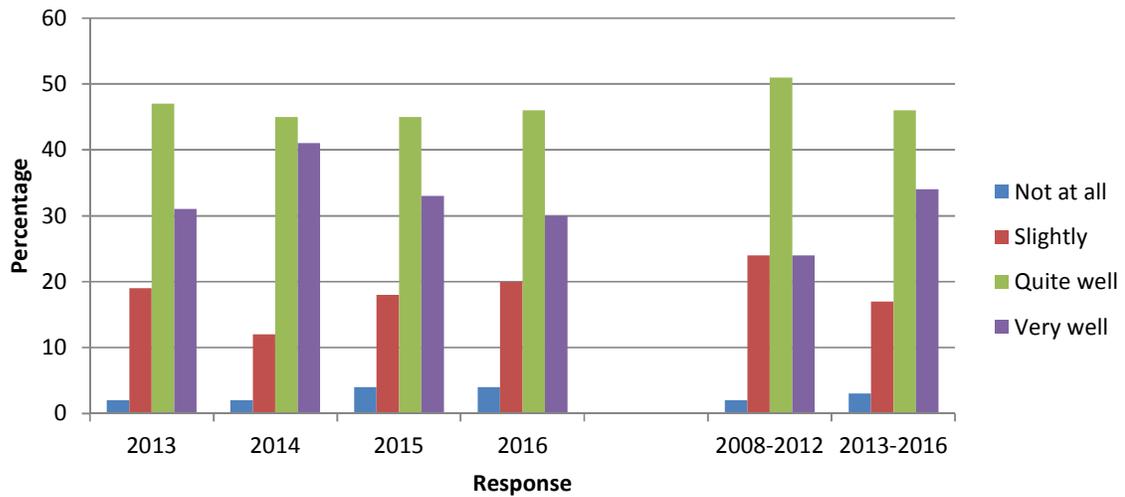
a. The quality of the courses was consistently high



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012 ¹	2013-2016
Not at all	19 (6.1)	15 (5.0)	22 (7.59)	13 (4.89)	82 (5.7)	69 (5.8)
Slightly	45 (14.6)	33 (10.9)	43 (14.6)	54 (19.8)	263 (18.4)	175 (14.8)
Quite well	157 (50.8)	163 (53.8)	158 (53.6)	124 (45.4)	791 (55.4)	602 (51.0)
Very well	88 (28.5)	92 (30.4)	72 (24.4)	82 (30.0)	293 (20.5)	334 (28.3)
Number of answers	309	303	295	273	1429	1180

¹ In 2008-2012 the question was not partitioned as general science and project-specific courses. Thus, data presented prior to 2014 are displayed as clustered.

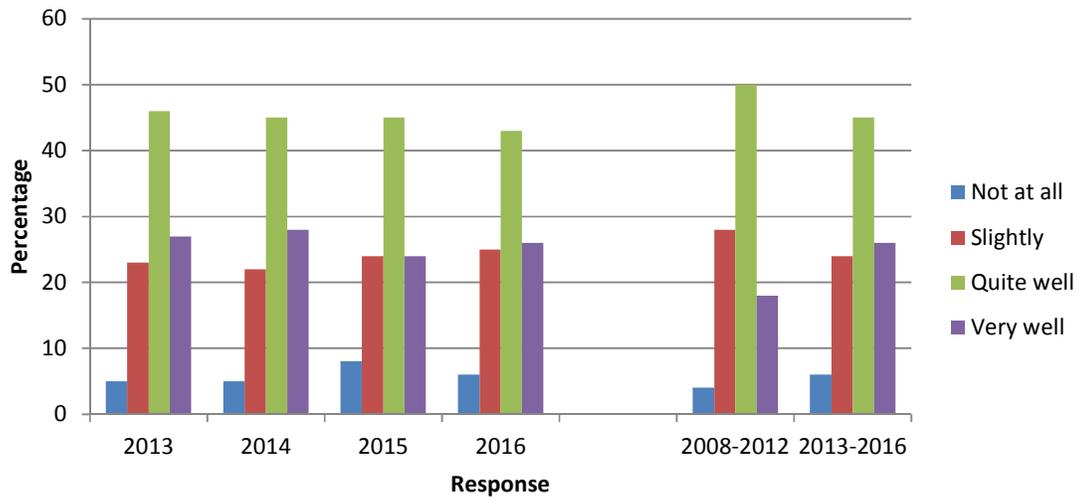
b. The courses were relevant to my thesis work



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012 ¹	2013-2016
Not at all	7 (2.3)	7 (2.3)	12 (4.1)	12 (4.4)	24 (1.7)	38 (3.2)
Slightly	60 (19.4)	37 (12.2)	54 (18.3)	54 (19.8)	337 (23.6)	205 (17.4)
Quite well	145 (46.9)	136 (44.9)	132 (44.7)	125 (45.8)	724 (50.7)	538 (45.6)
Very well	97 (31.4)	123 (40.6)	97 (32.9)	82 (30.0)	344 (24.1)	399 (33.8)
Number of answers	309	303	295	273	1429	1180

¹ In 2008-2012 the question was not partitioned as general science and project-specific courses. Thus, data presented prior to 2014 are displayed as clustered.

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



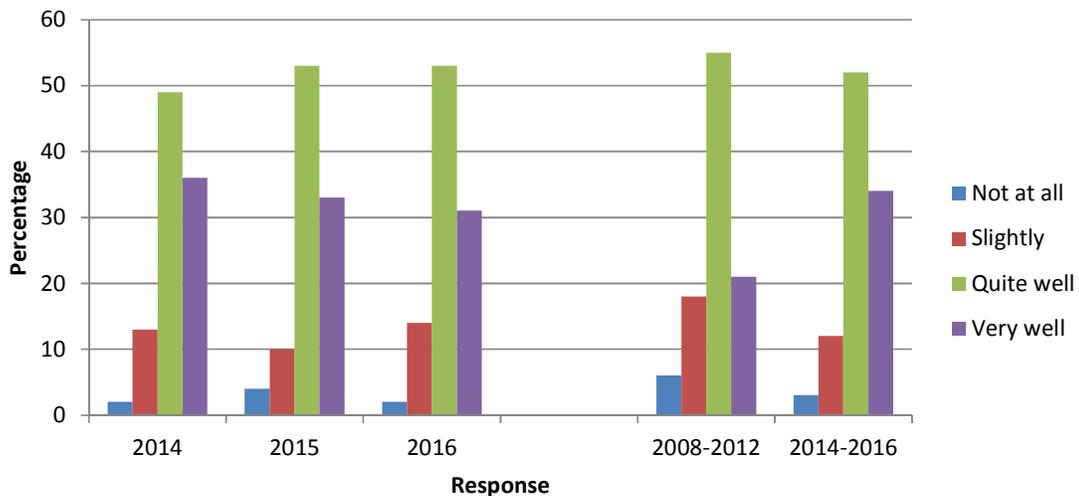
Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012 ¹	2013-2016
Not at all	14 (4.5)	14 (4.6)	22 (7.5)	15 (5.5)	58 (4.1)	65 (5.5)
Slightly	71 (23.0)	67 (22.1)	71 (24.1)	68 (24.9)	404 (28.3)	277 (23.5)
Quite well	141 (45.6)	136 (44.99)	132 (44.7)	118 (43.2)	712 (49.8)	527 (44.7)
Very well	83 (26.9)	86 (28.4)	70 (23.7)	72 (26.4)	255 (17.8)	311 (26.4)
Number of answers	309	303	295	273	1429	1180

¹ In 2008-2013 the question was not partitioned as general science and project-specific courses. Thus, data presented prior to 2014 are displayed as clustered.

21. Regarding project-specific courses: How well do the following statements describe the courses? Project-specific courses; all courses other than general science courses.

Question 20 and 21 was earlier constituted of one question and dichotomized in 2014.

a. The quality of the courses was consistently high

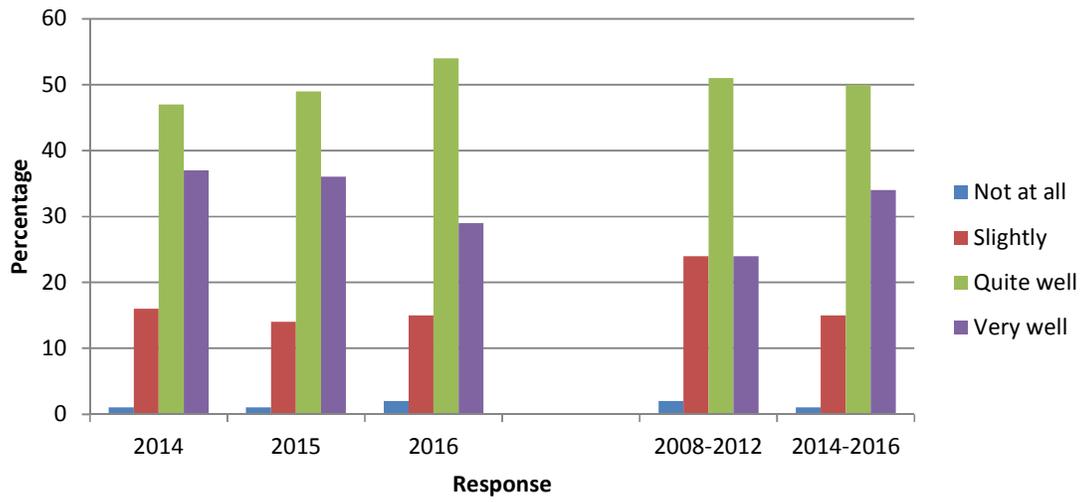


Response	Frequency (%)				
	2014	2015	2016	2008-2012 ¹	2014-2016 ²
Not at all	7 (2.3)	11 (3.7)	6 (2.2)	82 (5.7)	24 (2.8)
Slightly	38 (12.59)	30 (10.2)	37 (13.6)	263 (18.4)	105 (12.1)
Quite well	148 (48.8)	157 (53.2)	145 (53.1)	791 (55.4)	450 (51.7)
Very well	110 (36.3)	97 (32.9)	85 (31.1)	293 (20.5)	292 (33.5)
Number of answers	303	295	273	1429	871

¹ No data available from 2013.

² As the question was earlier incorporated with previous question (20), only data from 2014 and onwards are displayed.

b. The courses were relevant to my thesis work

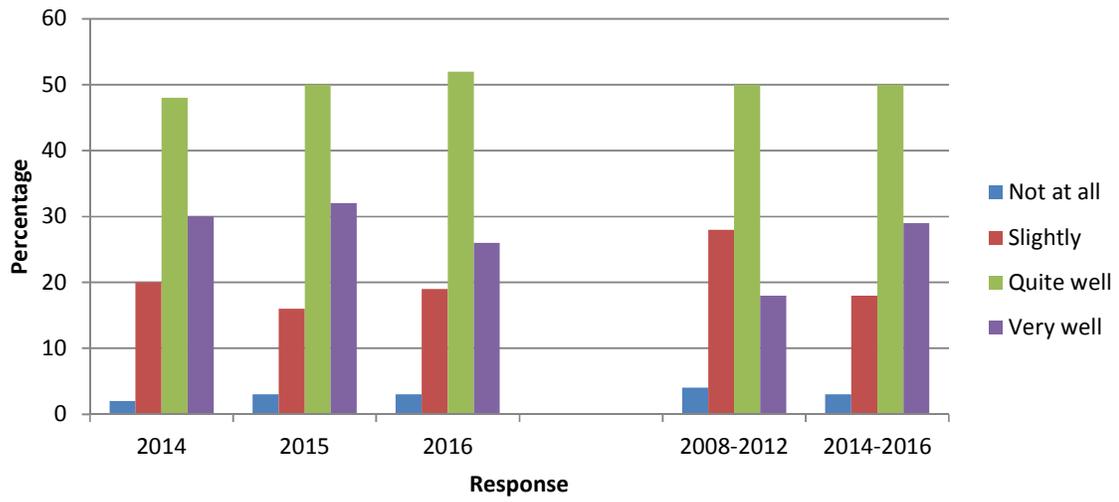


Response	Frequency (%)				
	2014	2015	2016	2008-2012 ¹	2014-2016 ²
Not at all	3 (1.0)	4 (1.4)	5 (1.8)	24 (1.7)	12 (1.4)
Slightly	48 (15.8)	41 (13.9)	41 (15.0)	337 (23.6)	130 (14.9)
Quite well	141 (46.5)	144 (48.8)	147 (53.8)	724 (50.7)	432 (49.6)
Very well	111 (36.6)	106 (35.9)	80 (29.3)	344 (24.1)	297 (34.1)
Number of answers	303	295	273	1429	871

¹ No data available from 2013.

² As the question was earlier incorporated with previous question (20), only data from 2014 and onwards are displayed.

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



Response	Frequency (%)				
	2014	2015	2016	2008-2012 ¹	2014-2016 ²
Not at all	7 (2.3)	8 (2.7)	8 (2.9)	58 (4.1)	23 (2.6)
Slightly	60 (19.8)	48 (16.3)	52 (19.0)	404 (28.3)	160 (18.4)
Quite well	146 (48.2)	146 (49.5)	143 (52.4)	712 (49.8)	435 (49.9)
Very well	90 (29.7)	93 (31.5)	70 (25.6)	255 (17.8)	253 (29.0)
Number of answers	303	295	273	1429	871

¹ No data available from 2013.

² As the question was earlier incorporated with previous question (20), only data from 2014 and onwards are displayed.

Courses, Programmes, Research schools and Teaching

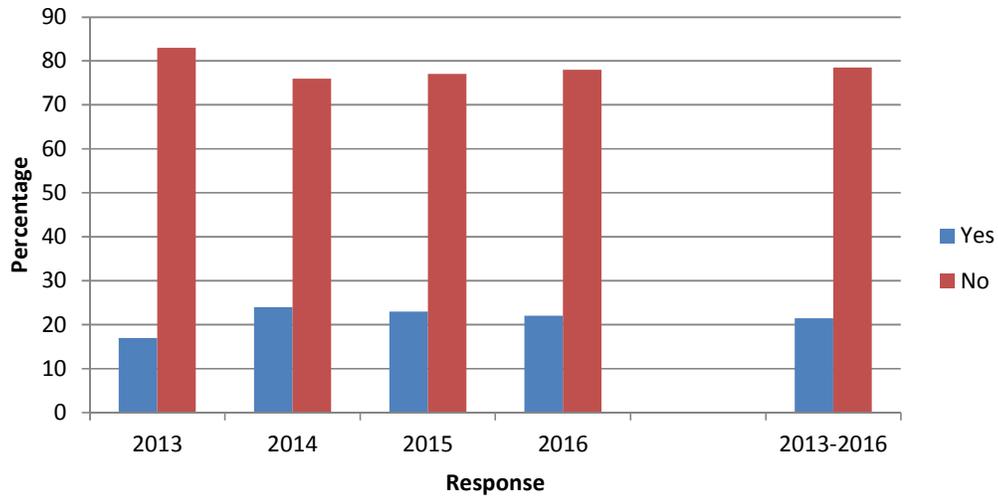
22. Within which programme(s) have you taken part of courses and/or other activities?

The respondents could choose more than one response option (not in 2013).

Response	2013 ¹	Frequency (%)				2013-2016	% if Yes-reply 2013-2016
		2014	2015	2016			
Allergy, immunology and inflammation	9 (2.9)	51 (10.8)	47 (10.0)	49 (11.4)	156 (9.3)	12.2	
Biology of infections and global health (or "World health" or "Infection biology")	11 (3.6)	26 (5.5)	27 (5.7)	15 (3.5)	79 (4.7)	6.2	
Cardiovascular research	5 (1.6)	27 (5.7)	20 (4.3)	20 (4.7)	72 (4.3)	5.6	
Cell biology and genetics	7 (2.3)	44 (9.3)	50 (10.5)	48 (11.2)	149 (8.9)	11.6	
Development and regeneration (or "Development biology and cellular signalling (DECS)" or "Regenerative medicine")		17 (3.6)	17 (3.6)	19 (4.4)	53 (3.2)	4.1	
Environmental factors and health	8 (2.6)	5 (1.1)	9 (1.9)	14 (3.3)	36 (2.1)	2.8	
Epidemiology	48 (15.6)	75 (15.9)	74 (15.7)	75 (17.4)	273 (16.3)	21.3	
Health care sciences	9 (2.9)	26 (5.5)	26 (5.5)	27 (6.3)	88 (5.2)	6.9	
Metabolism and endocrinology	4 (1.3)	13 (2.8)	16 (3.4)	16 (3.7)	49 (2.9)	3.8	
Neuroscience(or "Hearing, otolaryngology, language and speech (HÖST)")	7 (2.3)	43 (9.1)	37 (7.9)	23 (5.3)	110 (6.6)	8.6	
Public health science		26 (5.5)	21 (4.5)	22 (5.1)	69 (4.1)	5.4	
Tumor biology and oncology	18 (5.9)	43 (9.1)	49 (10.4)	36 (8.4)	146 (8.7)	11.4	
Proteomics	2 (0.7)				2 (0.1)	0.2	
None	179 (58.3)	75 (15.9)	77 (16.4)	66 (15.3)	397 (23.6)	-	
Number of answers	307	471	470	430	1679	1282	

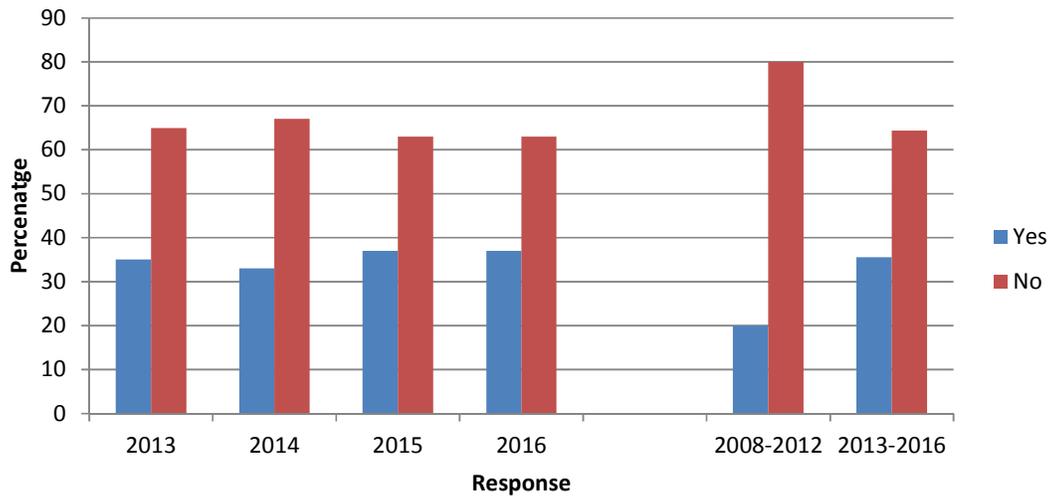
¹ In 2013 respondents could only choose one response option.

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



Response	Frequency (%)				
	2013	2014	2015	2016	2013-2016
Yes	51 (16.5)	73 (24.1)	69 (23.4)	60 (22.0)	253 (21.4)
No	258 (83.5)	230 (75.9)	226 (76.6)	213 (78.0)	927 (78.6)
Number of answers	309	303	295	273	1180

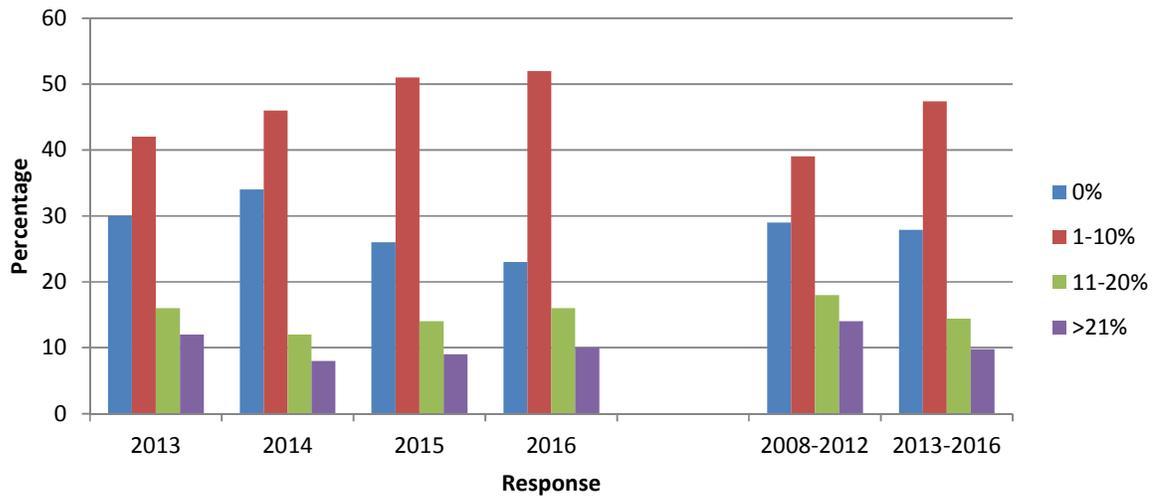
26. Have you taken part in any teacher training?



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Yes	109 (35.3)	99 (32.7)	110 (37.3)	102 (37.4)	287 (20.1)	420 (35.6)
No	200 (64.7)	204 (67.3)	185 (62.7)	171 (62.6)	1142 (79.9)	760 (64.4)
Number of answers	309	303	295	273	1429	1180

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

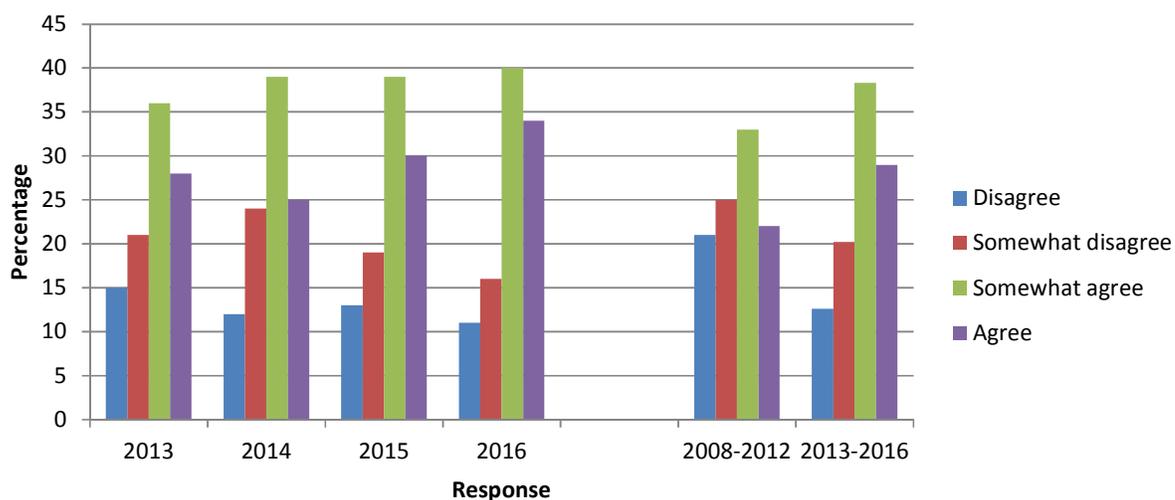
The students stated their estimation and these were then aggregated into categories.



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
0%	92 (30.1)	101 (33.7)	75 (25.5)	63 (23.0)	399 (28.9)	329 (27.9)
1-10%	128 (41.8)	137 (45.7)	151 (51.4)	141 (51.5)	534 (38.7)	559 (47.4)
11-20%	48 (15.7)	37 (12.3)	42 (14.3)	43 (15.7)	251 (18.2)	170 (14.4)
>21%	38 (12.4)	25 (8.3)	26 (8.8)	27 (9.9)	195 (14.2)	116 (9.8)
Number of answers	306	300	294	274	1379	1180

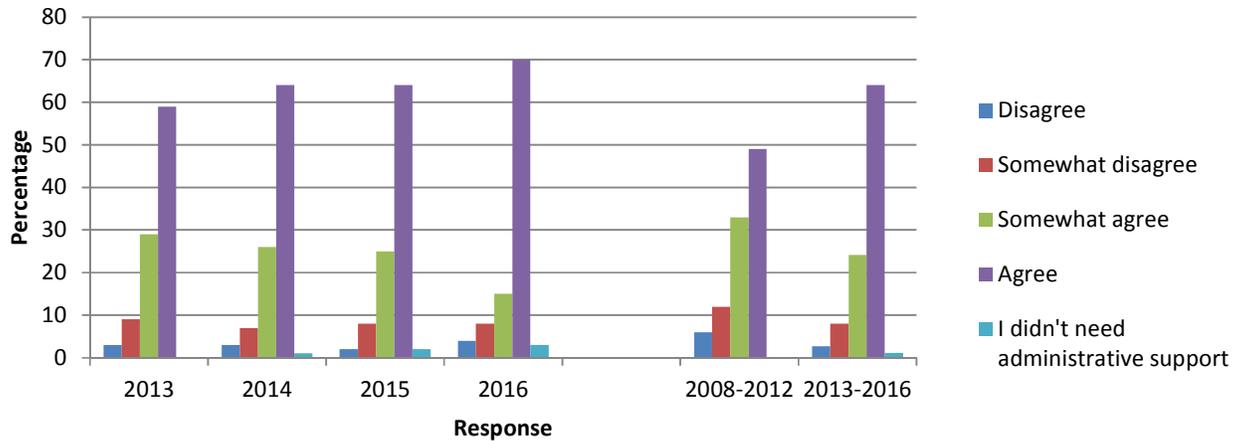
Information and Administrative Support

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



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Disagree	47 (15.2)	36 (11.9)	37 (12.5)	29 (10.6)	299 (20.9)	149 (12.6)
Somewhat disagree	66 (21.4)	73 (24.1)	55 (18.6)	44 (16.1)	351 (24.6)	238 (20.2)
Somewhat agree	110 (35.6)	118 (38.9)	114 (38.6)	109 (39.8)	466 (32.6)	451 (38.2)
Agree	86 (27.8)	76 (25.1)	89 (30.2)	92 (33.6)	313 (21.9)	343 (29.0)
Number of answers	309	303	295	274	1429	1181

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

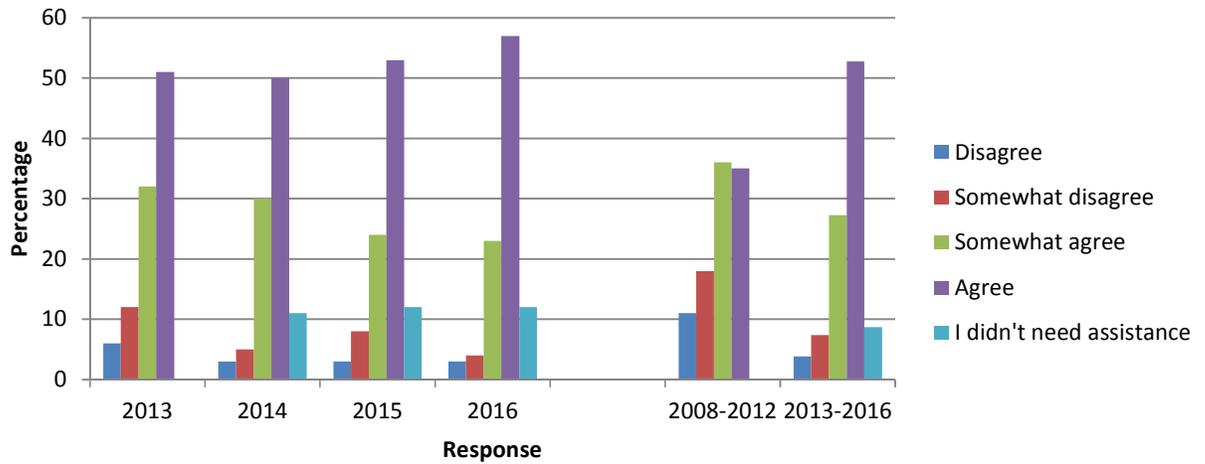


Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Disagree	8 (2.5)	9 (3.0)	5 (1.7)	10 (3.6)	90 (6.3)	32 (2.7)
Somewhat disagree	29 (9.4)	20 (6.6)	23 (7.8)	22 (8.0)	176 (12.3)	94 (8.0)
Somewhat agree	91 (29.4)	78 (25.7)	74 (25.1)	42 (15.3)	464 (32.5)	285 (24.1)
Agree	181 (58.6)	194 (64.0)	188 (63.7)	193 (70.4)	699 (48.9)	756 (64.0)
I didn't need administrative support ¹		2 (0.7)	5 (1.7)	7 (2.6)		14 (1.2)
Number of answers	309	303	295	274	1429	1181

¹ Response option added in 2014

31. I received adequate assistance from the departmental director of doctoral studies* during my doctoral education.

*Institutionens studierektor för forskarutbildning

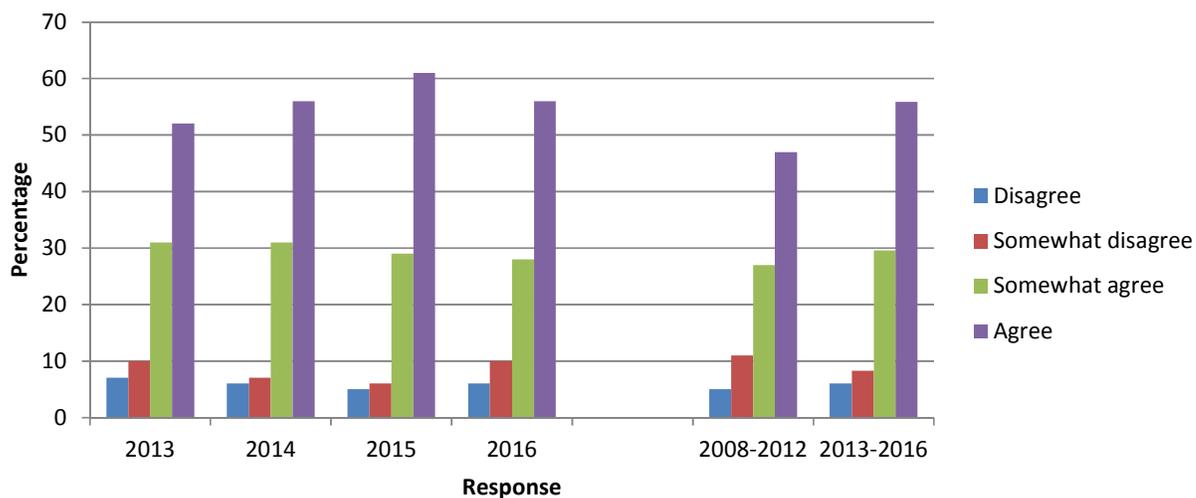


Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Disagree	17 (5.5)	10 (3.3)	9 (3.1)	9 (3.3)	155 (10.9)	45 (3.8)
Somewhat disagree	36 (11.7)	16 (5.3)	23 (7.8)	12 (4.4)	261 (18.3)	87 (7.4)
Somewhat agree	98 (31.7)	92 (30.4)	70 (23.7)	63 (23.0)	510 (35.7)	323 (27.3)
Agree	158 (51.1)	151 (49.8)	157 (53.2)	157 (57.3)	503 (35.2)	623 (52.8)
I didn't need assistance ¹		34 (11.2)	36 (12.2)	33 (12.0)		103 (8.7)
Number of answers	309	303	295	274	1429	1181

¹ Response option added in 2014

Working Environment

35. I enjoyed a good working environment within my research group.*

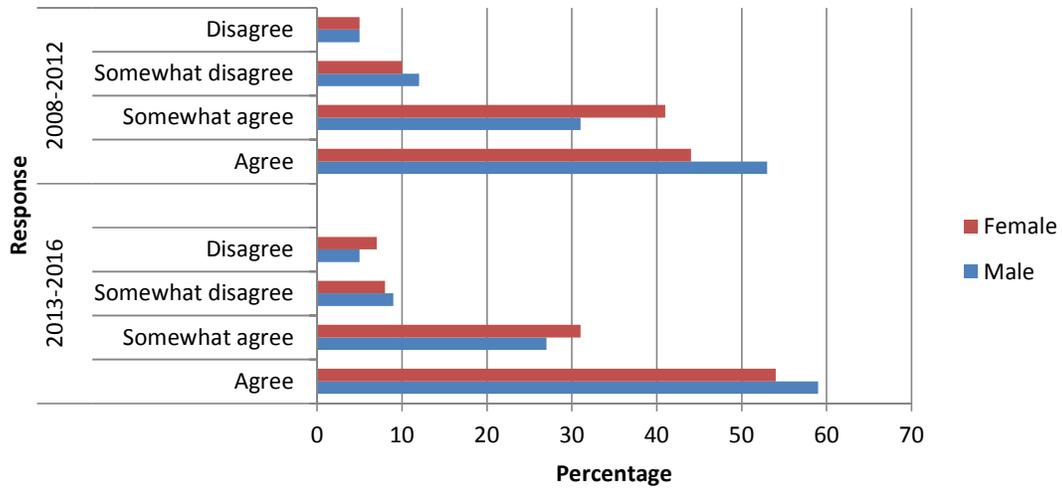


Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Disagree	21 (6.8)	19 (6.3)	15 (5.1)	16 (5.9)	69 (4.8)	71 (6.0)
Somewhat disagree	32 (10.4)	21 (6.9)	17 (5.8)	28 (10.3)	153 (10.7)	98 (8.3)
Somewhat agree	95 (30.7)	94 (31.0)	84 (28.5)	77 (28.3)	532 (27.2)	350 (29.7)
Agree	161 (52.1)	169 (55.8)	179 (60.7)	151 (55.5)	675 (47.2)	660 (56.0)
Number of answers	309	303	295	277	1429	1179

* Key question

Cont. I enjoyed a good working environment within my research group.

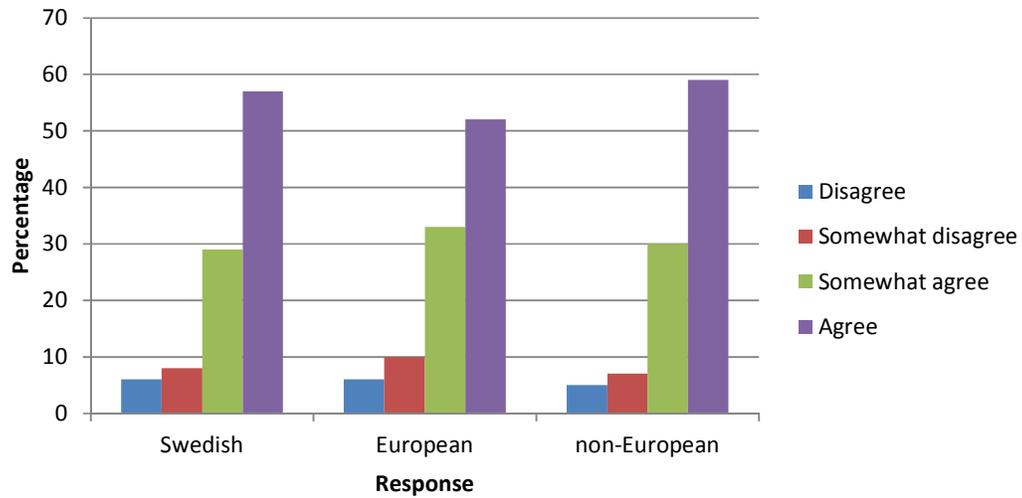
Data presented according to gender



Response	Frequency (%)			
	2008-2012		2013-2016	
	Female	Male	Female	Male
Disagree	42 (4.8)	27 (4.9)	48 (6.5)	23 (5.2)
Somewhat disagree	90 (10.2)	63 (11.5)	59 (8.0)	39 (8.7)
Somewhat agree	361 (41.0)	171 (31.1)	228 (31.1)	122 (27.4)
Agree	387 (44.0)	288 (52.5)	398 (54.3)	262 (58.7)
Number of answers	880	549	733	446

Cont. I enjoyed a good working environment within my research group.

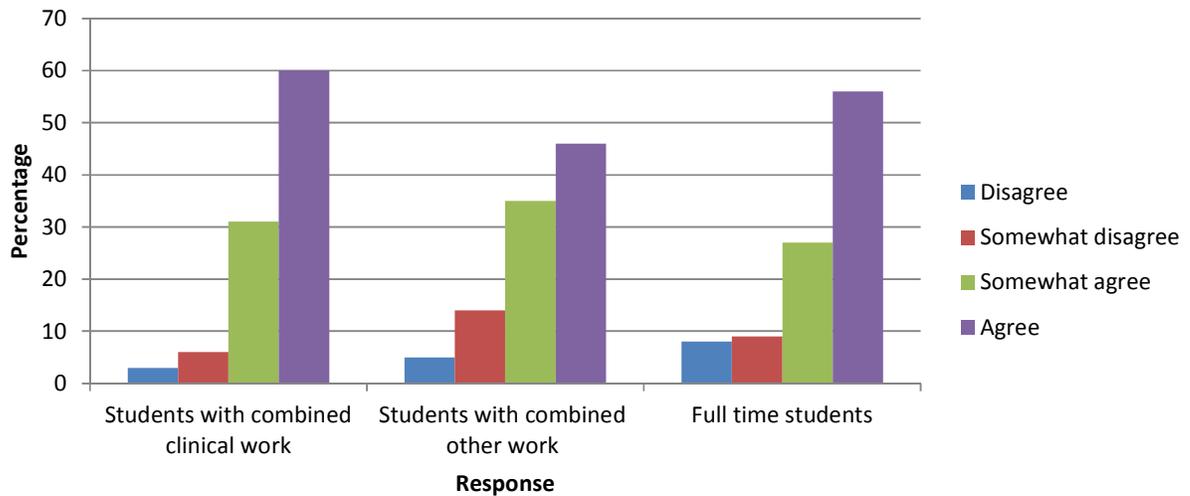
Data presented according to nationality



Response	Frequency (%)		
	Swedish	European	non-European
Disagree	44 (6.1)	11 (6.0)	13 (4.8)
Somewhat disagree	59 (8.2)	18 (9.8)	19 (7.0)
Somewhat agree	207 (28.9)	60 (32.6)	81 (29.7)
Agree	407 (56.8)	95 (51.6)	160 (58.6)
Number of answers	717	184	273

Cont. I enjoyed a good working environment within my research group.

Data contrasting students combining PhD studies with clinical work or other work and full time students



Response	Frequency (%)		
	Students with combined clinical work	Students with combined other work ¹	Full time students
Disagree	11 (2.9)	8 (4.8)	52 (8.2)
Somewhat disagree	23 (6.0)	23 (13.9)	54 (8.5)
Somewhat agree	119 (30.9)	58 (34.9)	171 (26.9)
Agree	232 (60.3)	77 (46.4)	358 (56.4)
Number of answers	385	166	635

¹ Incorporating: Work within industry, Teaching, Other work, Parental leave, Studies

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

1. due to gender
2. due to age
3. due to ethnicity
4. due to sexual orientation
5. due to transgender identity or expression
6. due to religious background or other beliefs
7. due to disability
8. other

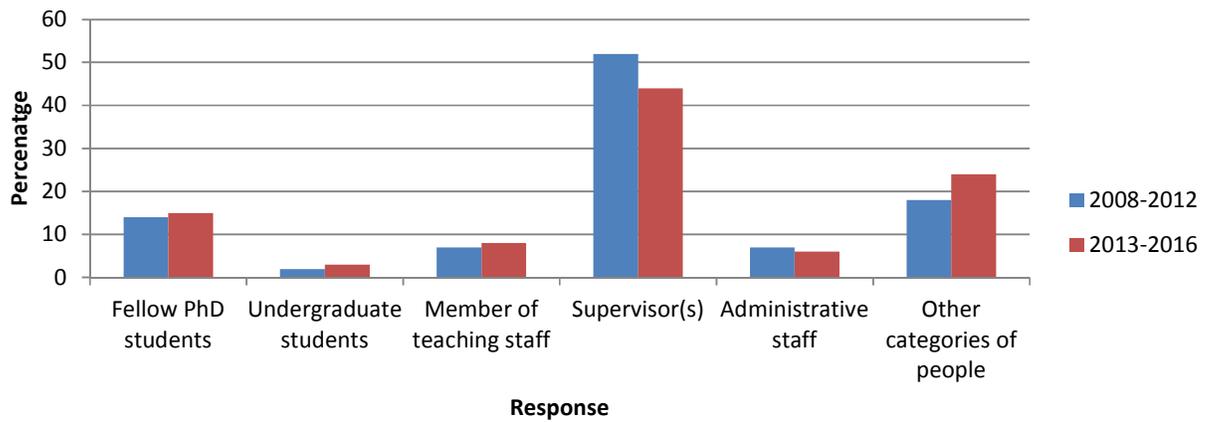
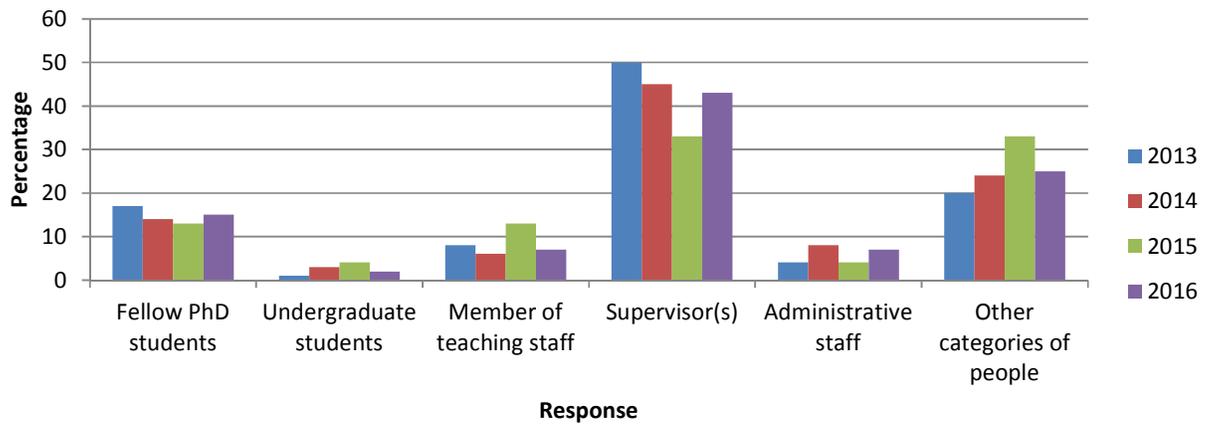
The respondents could answer this question with more than one option.

The response options were: No; Yes, I have noticed; Yes, I have experienced; Yes, I have both noticed and experienced

Results below are displayed as percentage of respondents answering “Yes, I have experienced” or “yes, I have both noticed and experienced” to one or more of the eight questions above:

Response	Frequency in percentage					
	2013 n = 293	2014 n = 287	2015 n = 285	2016 n = 272	2008-2012 n = 1362	2013-2016 n = 1137
Yes, I have experienced/ Yes, I have noticed and experienced	18.8%	17.1%	13.1%	14.3 %	16.6%	15.8%

37. If yes, by whom?



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
Fellow PhD students	16 (17.4)	18 (13.8)	6 (12.5)	18 (14.9)	46 (13.9)	58 (14.8)
Undergraduate students	1 (1.1)	4 (3.1)	2 (4.2)	3 (2.4)	5 (1.5)	10 (2.6)
Member of teaching staff	7 (7.6)	8 (6.2)	6 (12.5)	9 (7.4)	22 (6.7)	30 (7.7)
Supervisor(s)	46 (50.0)	59 (45.4)	16 (33.3)	52 (43.0)	173 (52.3)	173 (44.2)
Administrative staff	4 (4.3)	10 (7.7)	2 (4.2)	9 (7.4)	24 (7.3)	25 (6.4)
Other categories of people	18 (19.6)	31 (23.8)	16 (33.3)	30 (24.8)	61 (18.4)	95 (24.3)
Number of answers	92	130	48	121	331	391

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

If there has been more than one occasion you can tick both 'yes' and 'no'.

Response	Frequency (%)			
	2014	2015	2016	2014-2016 ¹
Yes	33 (36.7)	8 (24.2)	25 (30.9)	66 (32.4)
No	57 (63.3)	25 (75.8)	56 (29.1)	138 (67.6)
Number of answers	90	33	81	204

¹ No data available for 2013

39. If yes (Q38), did you receive sufficient help?

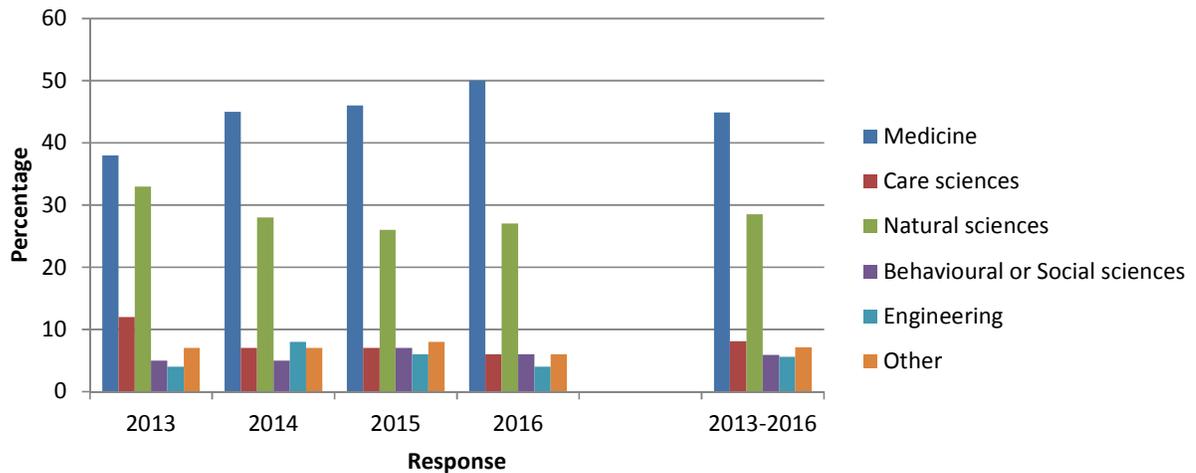
If there has been more than one occasion you can tick more than one box.

Response	Frequency (%)			
	2014	2015	2016	2014-2016 ¹
Yes	17 (40.5)	4 (30.8)	10 (32.3)	31 (36.0)
No	13 (31.0)	7 (53.8)	8 (25.8)	28 (32.6)
Some help but not sufficient	12 (28.5)	2 (15.4)	13 (41.9)	27 (31.4)
Number of answers	42	13	31	86

¹ No data available for 2013

Background Information

45. Educational background before you began your doctoral education

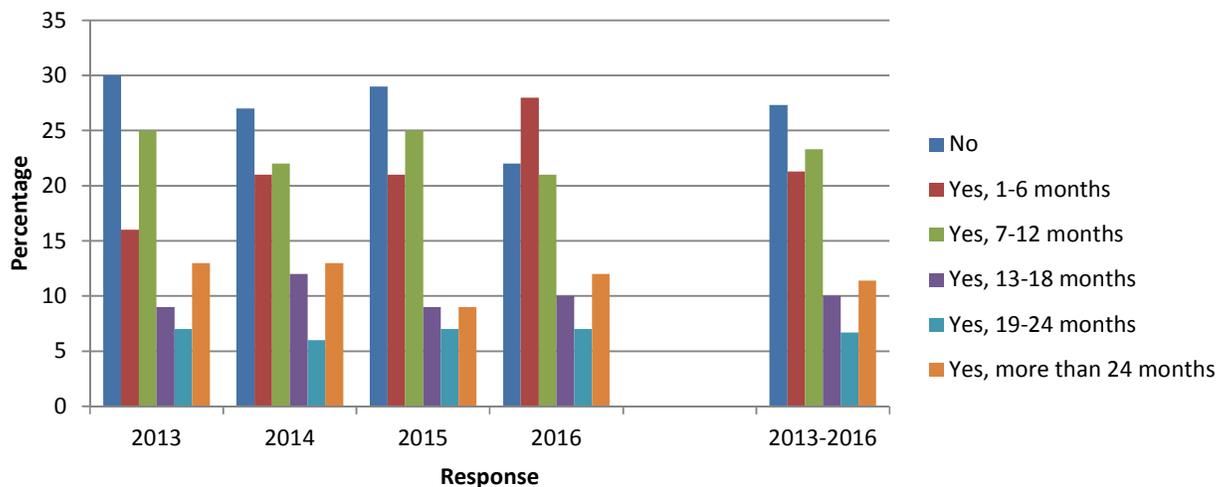


Response	Frequency (%)				
	2013	2014	2015	2016	2013-2016 ¹
Medicine/dentistry	110 (38.3)	136 (44.9)	136 (46.1)	138 (50.4)	520 (44.9)
Care sciences	35 (12.2)	22 (7.3)	21 (7.1)	16 (5.8)	94 (8.1)
Natural sciences	94 (32.8)	84 (27.7)	77 (26.1)	75 (27.4)	330 (28.5)
Behavioural or Social sciences	15 (5.2)	16 (5.3)	20 (6.8)	17 (6.2)	68 (5.9)
Engineering	12 /4.2)	25 (8.3)	17 (5.8)	11 (4.0)	65 (5.6)
Other	21 (7.3)	20 (6.6)	24 (8.1)	17 (6.2)	82 (7.1)
Number of answers	287	303	295	274	1159

¹ No data displayed for 2008-2012 as the question was open ended.

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

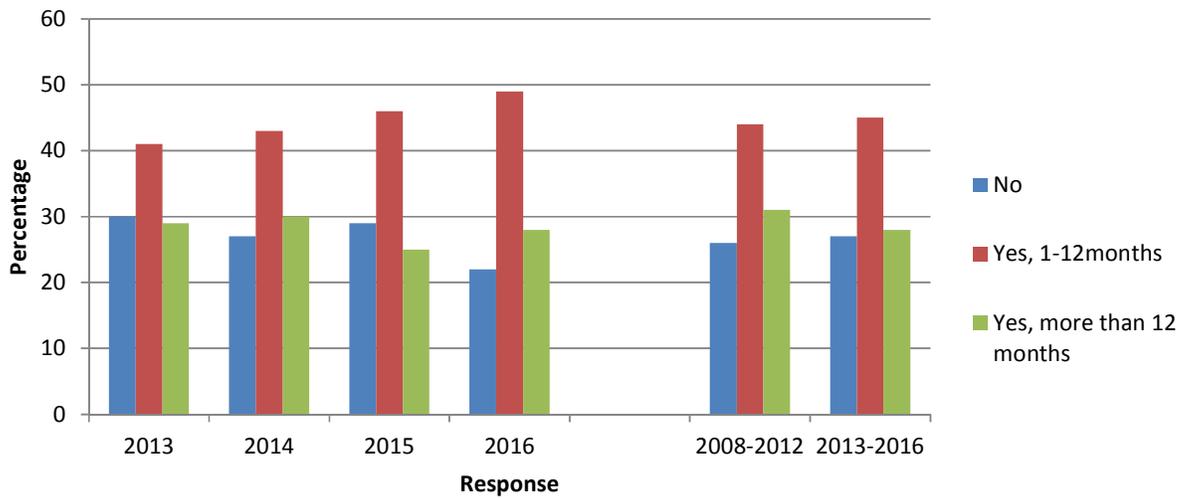
Please, do NOT include time in undergraduate or master courses.



See following page for comparison with 2008-2012

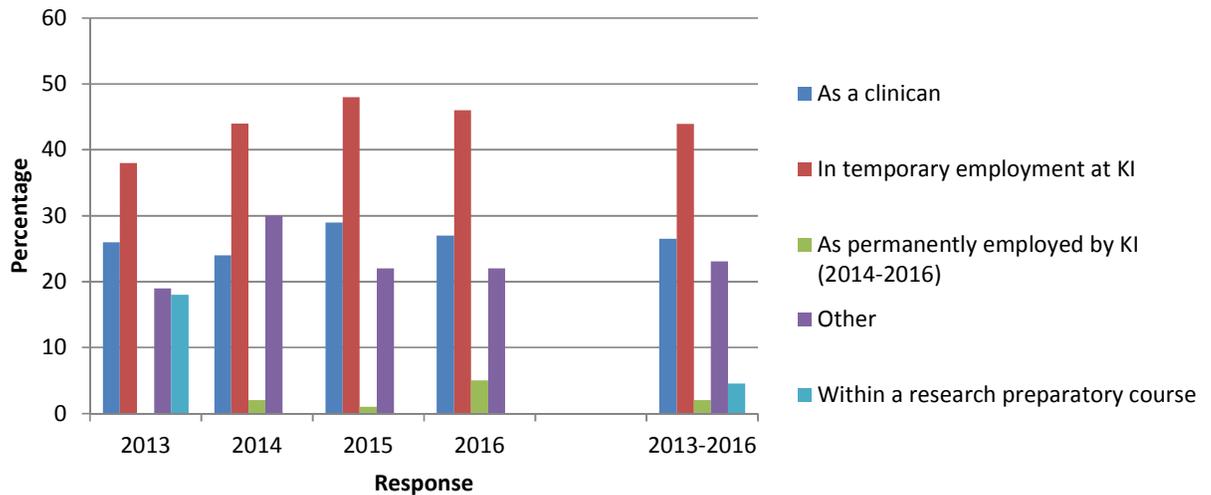
Response	Frequency (%)				
	2013	2014	2015	2016	2013-2016
No	92 (29.8)	83 (27.4)	86 (29.2)	61 (22.3)	322 (27.3)
Yes, 1-6 months	50 (16.2)	63 (20.8)	62 (21.0)	77 (28.1)	252 (21.3)
Yes, 7-12 months	77 (24.9)	66 (21.8)	74 (25.1)	58 (21.2)	275 (23.3)
Yes, 13-18 months	29 (9.4)	35 (11.6)	27 (9.2)	27 (9.9)	118 (10.0)
Yes, 19-24 months	22 (7.1)	18 (5.9)	20 (6.8)	19 (6.9)	79 (6.7)
Yes, more than 24 months	39 (12.6)	38 (12.5)	26 (8.8)	32 (11.7)	135 (11.4)
Number of answers	309	303	295	274	1181

Before 2013 the question had only three options, therefore results from 2013-2015 are collapsed in this figure and table for comparative analysis.



Response	Frequency (%)					
	2013	2014	2015	2016	2008-2012	2013-2016
No	92 (29.8)	83 (27.4)	86 (29.2)	61 (22.3)	365 (25.5)	322 (27.3)
Yes, 1-12 months	127 (41.1)	129 (42.6)	136 (46.1)	135 (49.3)	623 (43.6)	527 (44.6)
Yes, more than 12 months	90 (29.1)	91 (30.0)	73 (24.7)	78 (28.4)	441 (30.9)	332 (28.1)
Number of answers	309	303	295	274	1429	1181

47. If yes, under which circumstances?



Response	Frequency (%)				
	2013	2014	2015	2016	2013-2016 ³
As a clinician	55 (25.6)	52 (24.2)	59 (28.8)	58 (27.4)	224 (26.5)
In temporary employment at KI	81 (37.7)	94 (44.1)	99 (48.3)	97 (45.8)	371 (43.9)
As permanently employed by KI ¹		4 (1.9)	2 (1.0)	11 (5.2)	17 (2.0)
Other	41 (19.1)	63 (29.6)	45 (22.0)	46 (21.7)	195 (23.1)
Within a research preparatory course ²	38 (17.7)				38 (4.5)
Number of answers	215	213	205	212	845

¹No data available for 2013

²Response option only in 2013

³No data displayed for 2008-2012 as the question was open ended.

Appendix: the questionnaire

Exit poll 2016

General information

1. Which KI department do you belong to?

- Dep of Bioscience and Nutrition (BioNut)
- Dep of Cell and Molecular Biology (CMB)
- Dep of Clinical Neuroscience (CNS)
- Dep of Clinical Science and Education, SÖS
- Dep of Clinical Sciences, Danderyd hospital
- Dep of CLINTEC
- Dep of Laboratory Medicine
- Dep of LIME
- Dep of Biochemistry and Biophysics (MBB)
- Dep of Medical Epidemiology and Biostatistics (MEB)
- Dep of Medicine, Huddinge
- Dep of Medicine, Solna
- Dep of Microbiology, Tumor and Cell Biology (MTC)
- Dep of Molecular Medicine and Surgery (MMK)
- Dep of NVS
- Dep of Neuroscience
- Dep of Oncology-Pathology
- Dep of Physiology and Pharmacology (FyFa)
- Dep of Public Health Sciences (PHS)
- Dep of Women's and Children's Health (KBH)
- Dep of Dental Medicine
- Institute of Environmental Medicine (IMM)

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

- Yes
- No



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

- Clinical work
- Work within industry
- Teaching
- Other work
- Parental leave
- Studies

Other, please specify:

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

- Yes
- No
- Don't know

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

- Yes, in a research group at another university
- Yes, I have taken course(s) abroad
- Yes, as part of a joint PhD programme between KI and a partner university
- No

6. If yes, in which country/countries?



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

- Post doc at KI
- Post doc at another university in Sweden
- Post doc abroad
- Job in the private sector
- Job in the public sector
- Clinical work
- I don't know

Other, please specify:

Doctoral education and Examination objectives

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

- disagree
- somewhat disagree
- somewhat agree
- agree



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

	to a very small degree	to quite a small degree	to quite a high degree	to a high degree
1. broad knowledge and a systematic understanding of the reserach area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. an in-depth and up-to-date specialist knowledge of a defined part of the research area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. familiarity with research methodology in general and the methods of the specific field of research in particular	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. the ability to critically, independently and creatively and with scientific accuracy identify and formulate issues ('frågeställningar')	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. through a thesis demonatrate the ability to contribute significantly to the development of knowledge through own research	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8a. the ability to present and discuss research and research results with authority in dialogue with the scientific community in both national and international contexts, in both written and spoken form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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

	to a very small degree	to quite a small degree	to quite a high degree	to a high degree
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 contexts, in both written and spoken form	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. the ability to identify needs for further knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. the ability to contribute to the development of society and to support others' learning in research, development and other qualified professional contexts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. intellectual autonomy and scientific conscientiousness as well as the ability to make assessments of research ethics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. specialised insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. I would recommend KI to prospective doctoral students.

- disagree
- somewhat disagree
- somewhat agree
- agree





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

- disagree
- somewhat disagree
- somewhat agree
- agree

12. Comments regarding the doctoral education and examination objectives:

Supervision

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

- disagree
- somewhat disagree
- somewhat agree
- agree

14. My principal supervisor is:

- female
- male

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

- Principal supervisor
- Co-supervisor
- Someone else within the research group
- Someone else outside the research group

16. I have received adequate supervision.

- disagree
- somewhat disagree
- somewhat agree
- agree



17. To what extent have your supervisors:

	not at all / to a very small extent	to a small extent	to some extent	to a great extent / completely
displayed interest in your doctoral education?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
discussed methodological issues with you?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
provided constructive criticism of your research?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
discussed your plans for the future with you?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

- yes, and I am satisfied with the follow-up
- yes, but I am not satisfied with the follow-up
- no
- not applicable

19. Comments regarding supervision:

Courses, programmes, research schools and teaching

20. Regarding 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.

	not at all	slightly	quite well	very well
The quality of the courses was consistently high	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The courses were relevant to my thesis work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The courses offered fitted in with my wishes and needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>





21. Regarding project-specific courses: How well do the following statements describe the courses? Project-specific courses; all courses other than general science courses.

	not at all	slightly	quite well	very well
The quality of the courses was consistently high	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The courses were relevant to my thesis work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The courses offered fitted in with my wishes and needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

- Allergy, immunology and inflammation
- Biology of infections and global health (or "World health" or "Infection biology")
- Cardiovascular research
- Cell biology and genetics
- Development and regeneration (or "Development biology and cellular signalling (DECS)" or "Regenerative medicine")
- Environmental factors and health
- Epidemiology
- Health care sciences
- Metabolism and endocrinology
- Neuroscience (or "Hearing, otolaryngology, language and speech (HÖST)")
- Public health science
- Tumor biology and oncology
- I have not participated in any programme

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

- Yes
- No



24. If yes, which research school?

- Nationella forskarskolan i vårdvetenskap / vård och omsorg
- Forskarskola för kliniker inom epidemiologi (KI/SLL)
- Forskarskola i allmänmedicin (KI/SLL)
- Forskarskola i molekylärmedicin för kliniker (KI/SLL)
- Forskarskola inom klinisk psykiatri (KI/SLL)
- Nationell forskarskola inom klinisk psykiatri
- Nationell forskarskola i klinisk cancerforskning (NatiOn)
- Nationell klinisk forskarskola i odontologi
- National clinical research school in chronic inflammatory diseases
- DBRM research school (Developmental Biology and Regenerative Medicine)
- KI-SÖS kliniska forskarskola
- Graduate school in register-based research (SINGS)
- Swedish research school in global health
- If other, please specify

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

- disagree
- somewhat disagree
- somewhat agree
- agree

26. Have you taken part in any teacher training?

- Yes
- No

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

28. Comments regarding courses, programmes, research schools and teaching:

Information and administrative support



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

- disagree
- somewhat disagree
- somewhat agree
- agree

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

- disagree
- somewhat disagree
- somewhat agree
- agree
- I didn't need administrative support

31. I received adequate assistance from the departmental director of doctoral studies* during my doctoral education. *Institutionens studierektor för forskarutbildning

- disagree
- somewhat disagree
- somewhat agree
- agree
- I didn't need assistance

32. Comments regarding information and administrative support:

KI has signed a supply agreement with AJ E-Print AB for printing of theses. We need feed-back from you as their customer:

33. When printing my thesis at AJ E-print AB, I was satisfied with the printing quality and services from the company.

- disagree
- somewhat disagree
- somewhat agree
- agree
- I printed my thesis elsewhere because:



34. If you have been in contact with AJ E-Print AB, please comment on the printing quality and/or service of the company:

Working environment

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

- disagree
- somewhat disagree
- somewhat agree
- agree

36. During your doctoral education, have you noticed or experienced unequal treatment, discrimination, degrading behaviour and/or harassment: (please feel free to comment below)

	no	yes, I have noticed	yes, I have experienced	yes, I have both noticed and experienced
due to gender?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
due to age?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
due to ethnicity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
due to sexual orientation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
due to transgender identity or expression?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
due to religious background or other beliefs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
due to disability?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
other?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

37. If yes, by whom?

- by fellow PhD students
- by undergraduate students
- by member of teaching staff
- by supervisor(s)
- by administrative staff
- by other categories of people



38. If you experienced any of the above, did you contact anyone at KI regarding this? If there has been more than one occasion you can tick both 'yes' and 'no'.

- Yes
- No

39. If yes (Q38), did you receive sufficient help? If there has been more than one occasion you can tick more than one box.

- Yes
- No
- Some help but not sufficient

40. If no (Q38), why?

41. Comments regarding working environment:

Background information

42. Age

- 29 or younger
- 30-34
- 35-44
- 45-54
- 55 or older

43. Gender

- female
- male
- other

44. Nationality

- Swedish
- Other (European)
- Other (non-European)



45. Educational background before you began your doctoral education

- Medicine
- Care sciences
- Natural sciences
- Behavioural or Social sciences
- Engineering
- Other

46. Were you active in research at KI before formal admission to doctoral education? Please, do NOT include time in undergraduate or master courses.

- no
- yes, 1-6 months
- yes, 7-12 months
- yes, 13-18 months
- yes, 19-24 months
- yes, more than 24 months

47. If yes, under which circumstances?

- As a clinican
- In temporary employment at KI
- As permanently employed by KI
- If other, please specify

48. Any additional comments: