



Exit Poll for Doctoral Students 2021 – 2024

Committee for Doctoral education (KFU), Karolinska
Institutet

Unit of Teaching and Learning (UoL), 18 March 2025

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Exit Poll for Doctoral Students 2021-2024



**Karolinska
Institutet**

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Introduction and background

This report presents the results of the Exit Poll surveys conducted among all newly graduated doctoral students at Karolinska Institutet (KI). Responses from four years (2021–2024) have been compiled and compared with a previous summary conducted in 2021 (dnr: 1-1076/2020).

The Exit Poll for doctoral students has been conducted at KI since 2008. It aims to capture doctoral students' experiences of various aspects of their education, including supervision, courses and teaching, working environment, achievement of degree outcomes, and future career plans.

The results provide valuable insights to support the continuous improvement of doctoral education at KI, both at departmental and central level. Doctoral students receive the survey via a personal link sent through KI Survey shortly after their thesis defence.

Each year, aggregated results are compiled for all newly graduated doctoral students in that year. Every four years, we make a larger compilation of the survey responses. At that time, we also break down the results into a report for each institution.

The survey consists of a total of 42 questions, including conditional questions that are triggered based on respondents' answers. It includes questions with both closed and open-ended response options. For reasons of integrity and feasibility, open-ended responses have not been analysed in this report. Additionally, sensitive questions, such as those concerning discrimination and harassment, are presented in a restricted format.

The Exit Poll survey consists of a structured set of established questions.¹ While the core questions remain consistent over the years, some have been updated or modified slightly to reflect changing contexts. For this reason, results from some years are missing in some of the diagrams. For instance, questions related to COVID-19 were added exclusively for the 2021–2022 surveys.

¹ You can find these questions, along with additional information about the survey, here: <https://medarbetare.ki.se/forskarutbildning/principer-for-systematiskt-kvalitetsarbete-inom-utbildning-pa-forskarniva/examensenkat-exit-poll-for-doktorander>

Results

Response rates

Response rate per year and department

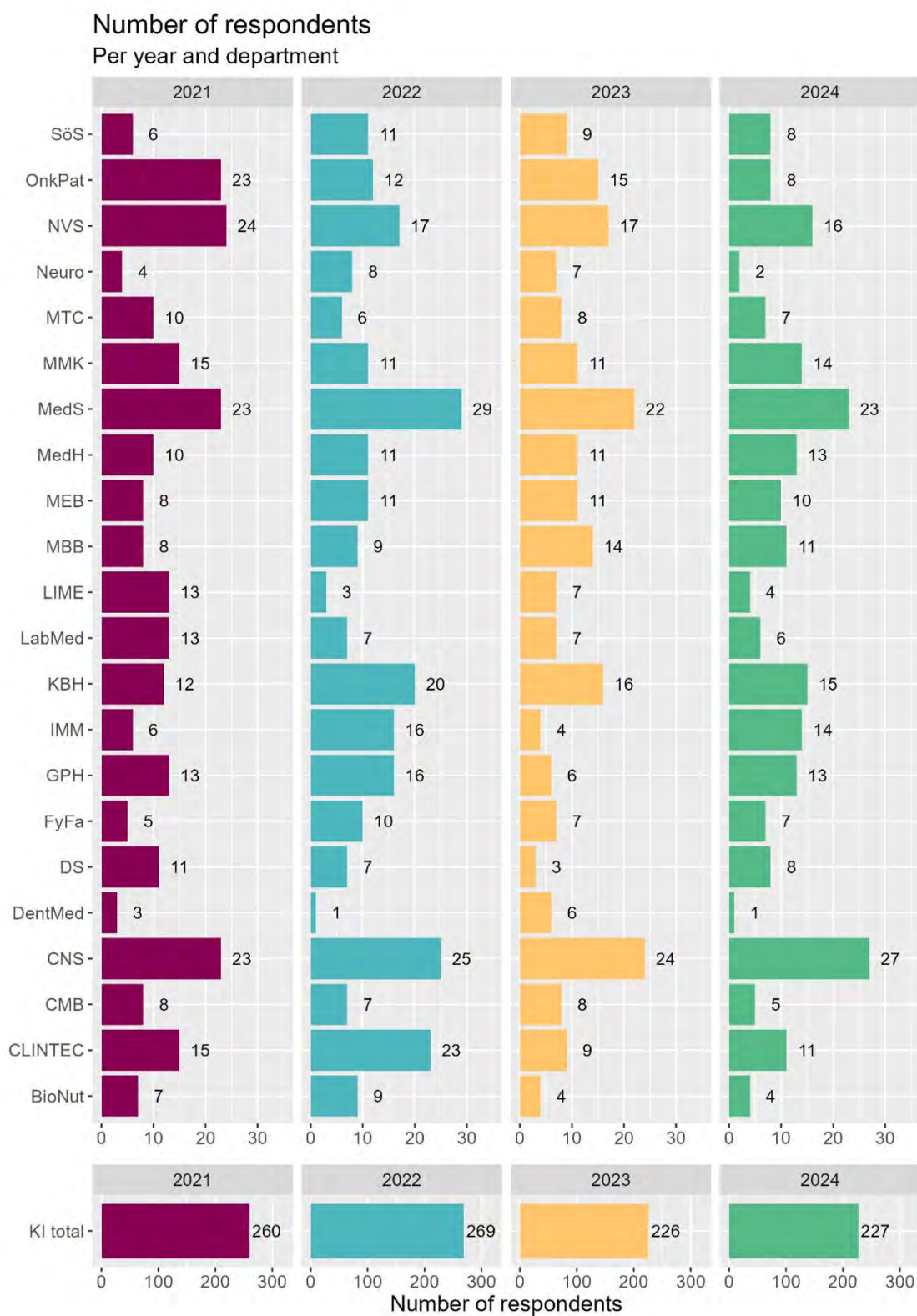


Table 1. Response rate in percent (%) per department

Department	2017–2020			2021–2024		
	Number of graduates	Number of survey respondents	Response rate [%]	Number of graduates	Number of survey respondents	Response rate [%]
BioNut	26	23	88.5%	31	24	77.4%
CMB	33	25	75.8%	39	28	71.8%
CNS	126	97	77%	142	99	69.7%
SöS	44	36	81.8%	46	34	73.9%
DS	38	24	63.2%	43	29	67.4%
CLINTEC	97	70	72.2%	83	58	69.9%
LabMed	74	57	77%	47	33	70.2%
LIME	48	38	79.2%	29	27	93.1%
MBB	44	36	81.8%	62	42	67.7%
MEB	52	43	82.7%	55	40	72.7%
MedH	64	55	85.9%	65	45	69.2%
MedS	153	113	73.9%	124	97	78.2%
MTC	55	44	80%	49	31	63.3%
MMK	85	58	68.2%	85	51	60%
NVS	92	70	76.1%	91	74	81.3%
Neuro	54	45	83.3%	26	21	80.8%
OnkPat	73	54	74%	79	58	73.4%
FyFa	56	41	73.2%	57	29	50.9%
GPH	43	36	83.7%	59	48	81.4%
KBH	84	64	76.2%	94	63	67%
DentMed	22	16	72.7%	18	11	61.1%
IMM	50	40	80%	47	40	85.1%
KI Total	1413	1085	76.8%	1371	982	71.6%

Doctoral education and overall perception

Percent responses to question about performing education full-time

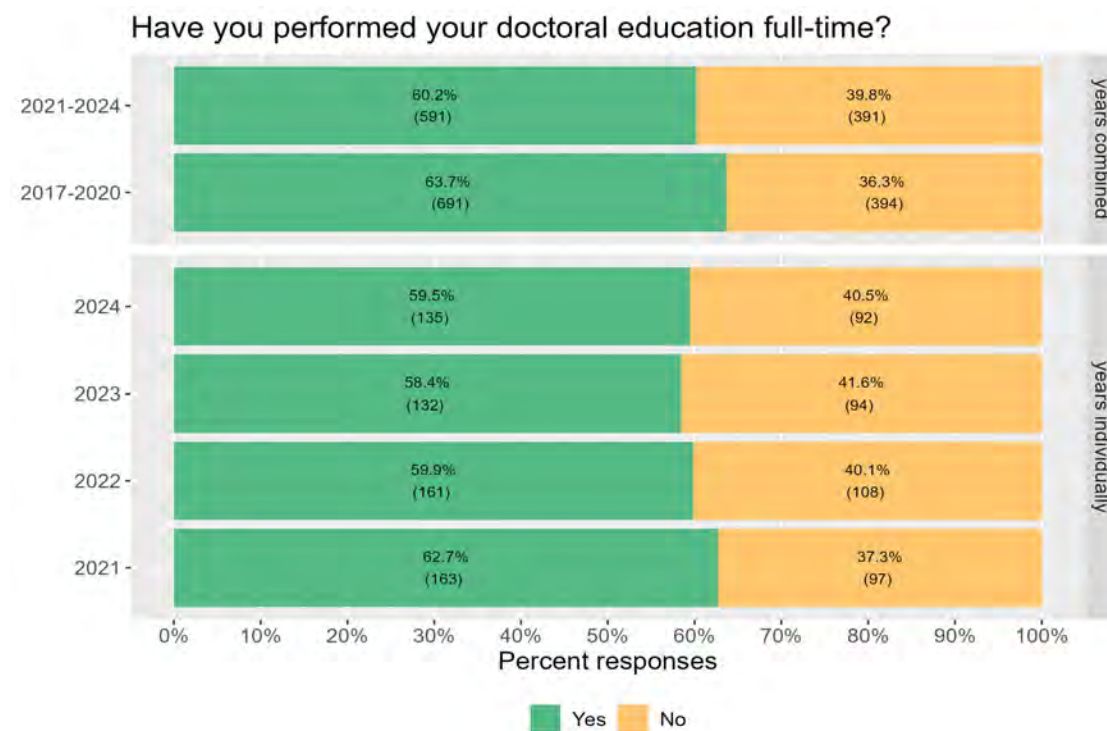
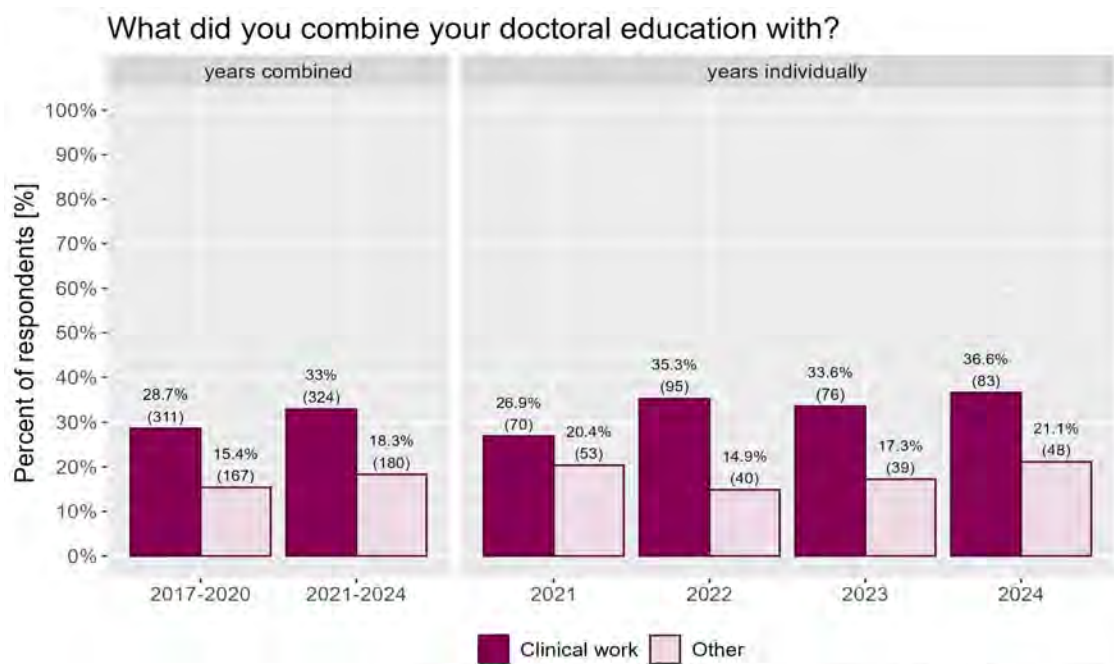


Table 2. Have you performed your doctoral education full-time?

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
Yes	163 (62.7%)	161 (59.9%)	132 (58.4%)	135 (59.5%)	691 (63.7%)	591 (60.2%)
No	97 (37.3%)	108 (40.1%)	94 (41.6%)	92 (40.5%)	394 (36.3%)	391 (39.8%)
Total	260	269	226	227	1085	982

If not full-time, what did you combine your doctoral education with?



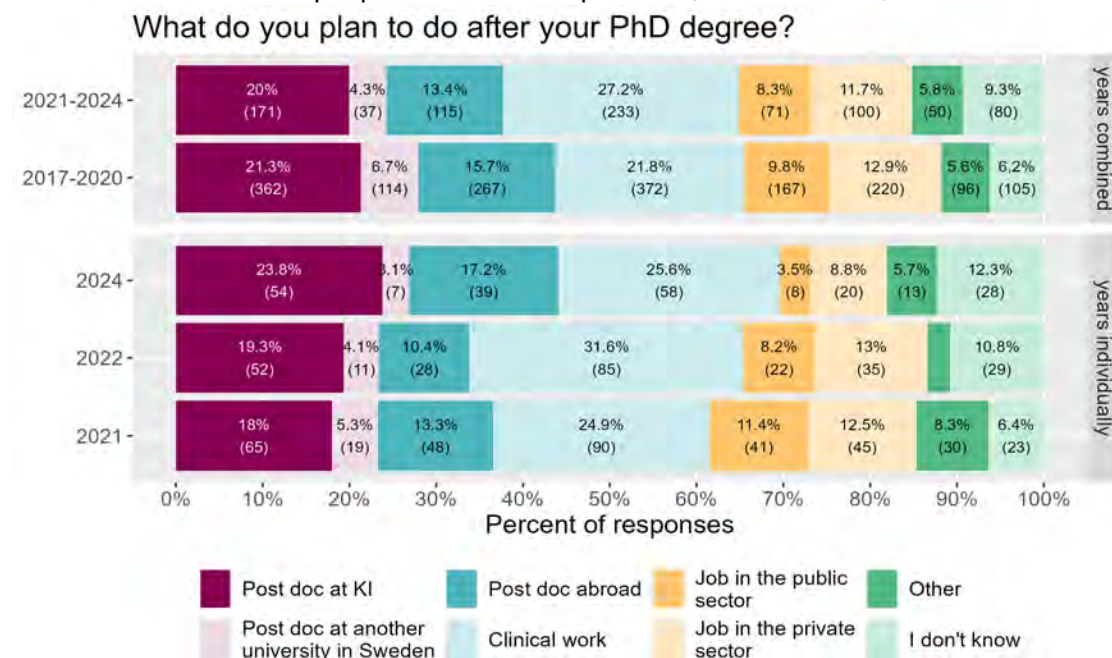
Multiple choice question
Percent of respondents that chose particular option out of all respondents
Other = Work within industry, Teaching, Studies, Parental leave, Other work, or Other

Table 3. If not full-time, what did you combine your doctoral education with?

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
Clinical work	70 (26.9%)	95 (35.3%)	76 (33.6%)	83 (36.6%)	311 (28.7%)	324 (33%)
Other	53 (20.4%)	40 (14.9%)	39 (17.3%)	48 (21.1%)	167 (15.4%)	180 (18.3%)
Max respondents	260	269	226	227	1085	982

What do you plan to do after your PhD degree?

Percent calculated as proportion of all responses (adds to 100%)²



Not in the survey in 2023
 Multiple choice question in 2021
 Percent measured as proportion of responses to particular option out of all responses
 (more responses than respondents because of multiple choice)

² Note that this question was not in 2023 survey, and that in 2021 it was a multiple choice

Table 4. What do you plan to do after your PhD degree?

Response	Number of respondents (%)				
	2021	2022	2024	2017–2020	2021–2024
Post doc at KI	65 (18%)	52 (19.3%)	54 (23.8%)	362 (21.3%)	171 (20%)
Post doc at another university in Sweden	19 (5.3%)	11 (4.1%)	7 (3.1%)	114 (6.7%)	37 (4.3%)
Post doc abroad	48 (13.3%)	28 (10.4%)	39 (17.2%)	267 (15.7%)	115 (13.4%)
Clinical work	90 (24.9%)	85 (31.6%)	58 (25.6%)	372 (21.8%)	233 (27.2%)
Job in the public sector	41 (11.4%)	22 (8.2%)	8 (3.5%)	167 (9.8%)	71 (8.3%)
Job in the private sector	45 (12.5%)	35 (13%)	20 (8.8%)	220 (12.9%)	100 (11.7%)
Other	30 (8.3%)	7 (2.6%)	13 (5.7%)	96 (5.6%)	50 (5.8%)
I don't know	23 (6.4%)	29 (10.8%)	28 (12.3%)	105 (6.2%)	80 (9.3%)
Total number of responses	361	269	227	1703	857

Time spent outside Sweden as part of doctoral education

Have you spent time outside Sweden as part of your doctoral education (do not count conferences)?

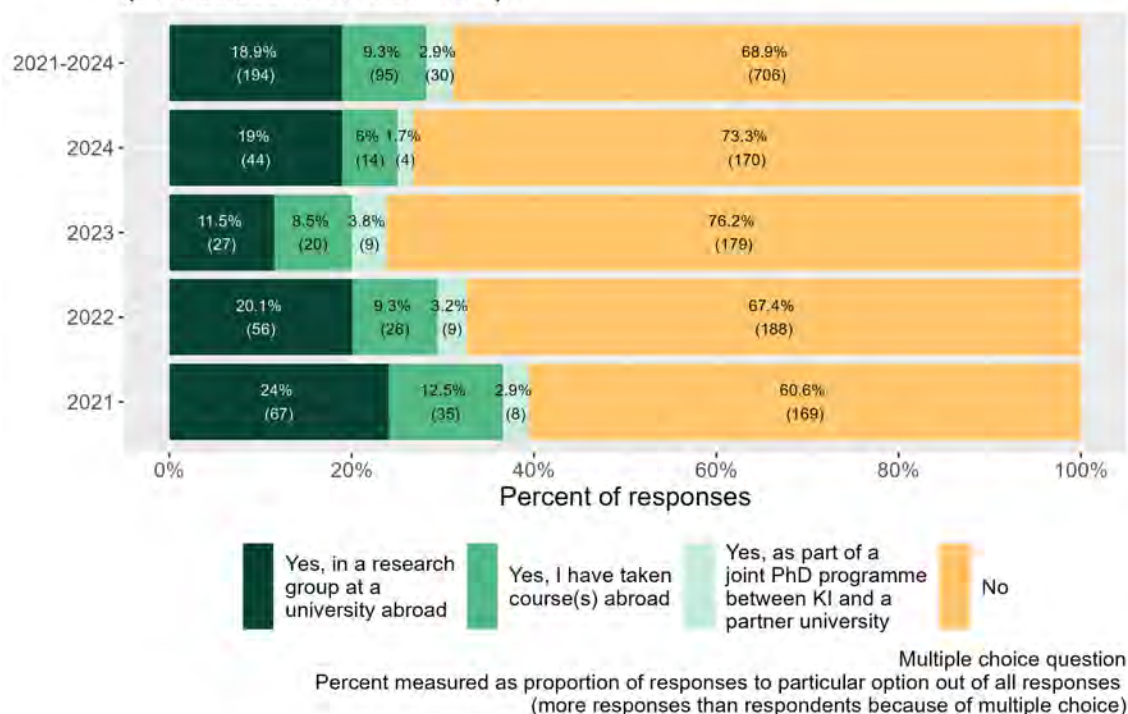
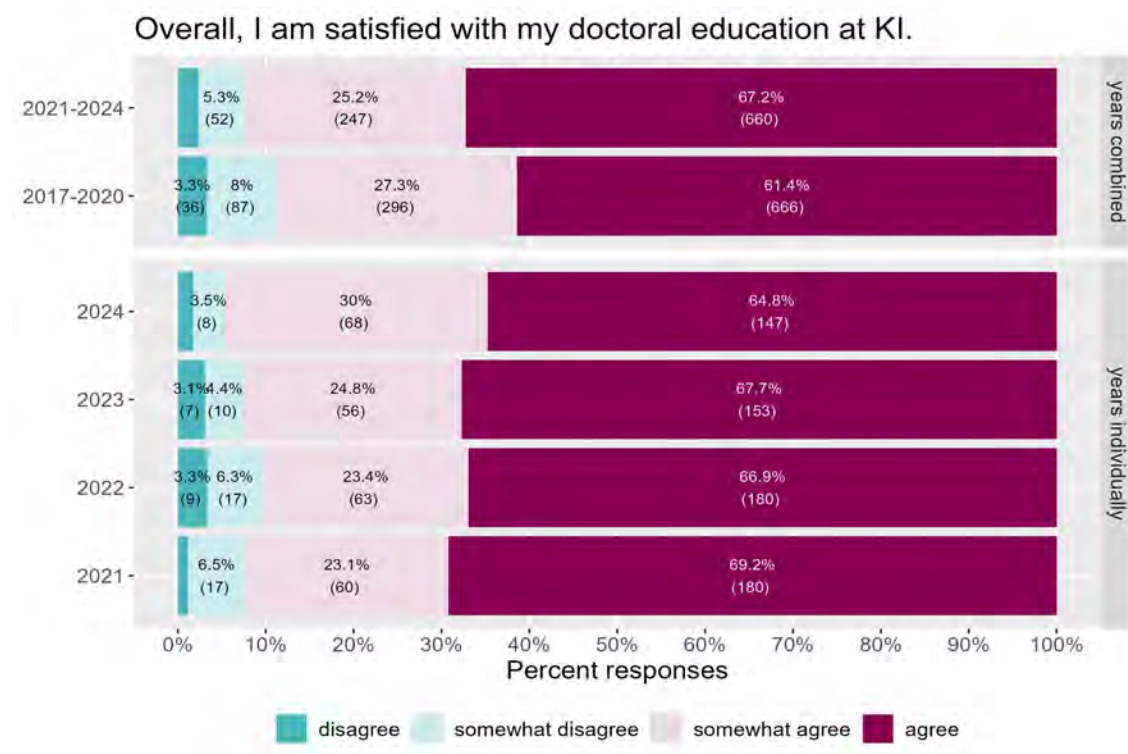


Table 5. Have you spent time outside of Sweden as part of your doctoral education (do not count conferences)?

Response	Number of respondents (%)				
	2021	2022	2023	2024	2021–2024
No	169 (60.6%)	188 (67.4%)	179 (76.2%)	170 (73.3%)	706 (68.9%)
Yes, I have taken course(s) abroad	35 (12.5%)	26 (9.3%)	20 (8.5%)	14 (6%)	95 (9.3%)
Yes, as part of a joint PhD programme between KI and a partner university	8 (2.9%)	9 (3.2%)	9 (3.8%)	4 (1.7%)	30 (2.9%)
Yes, in a research group at a university abroad	67 (24%)	56 (20.1%)	27 (11.5%)	44 (19%)	194 (18.9%)
Total number of responses	279	279	235	232	1025

Overall, I am satisfied with my doctoral education at KI.**Table 6. Overall, I am satisfied with my doctoral education at KI.**

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
disagree	3 (1.2%)	9 (3.3%)	7 (3.1%)	4 (1.8%)	36 (3.3%)	23 (2.3%)
somewhat disagree	17 (6.5%)	17 (6.3%)	10 (4.4%)	8 (3.5%)	87 (8%)	52 (5.3%)
somewhat agree	60 (23.1%)	63 (23.4%)	56 (24.8%)	68 (30%)	296 (27.3%)	247 (25.2%)
agree	180 (69.2%)	180 (66.9%)	153 (67.7%)	147 (64.8%)	666 (61.4%)	660 (67.2%)
Total	260	269	226	227	1085	982

Overall, I am satisfied with my doctoral education at KI (results per department)

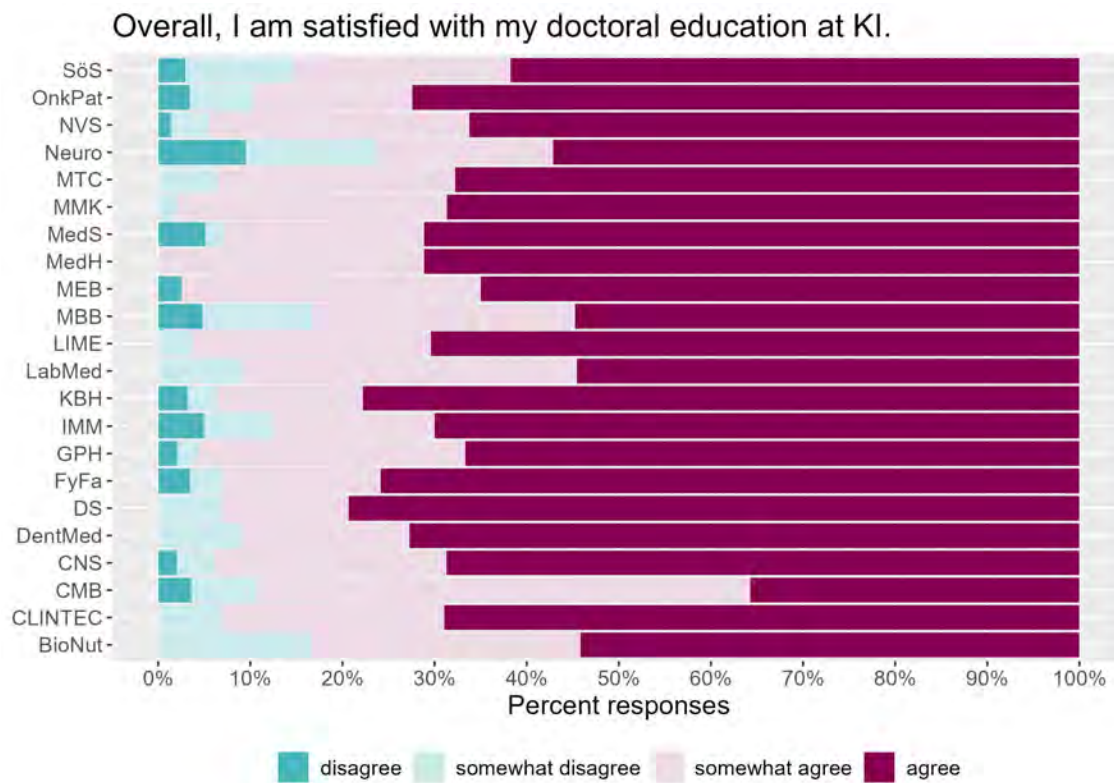
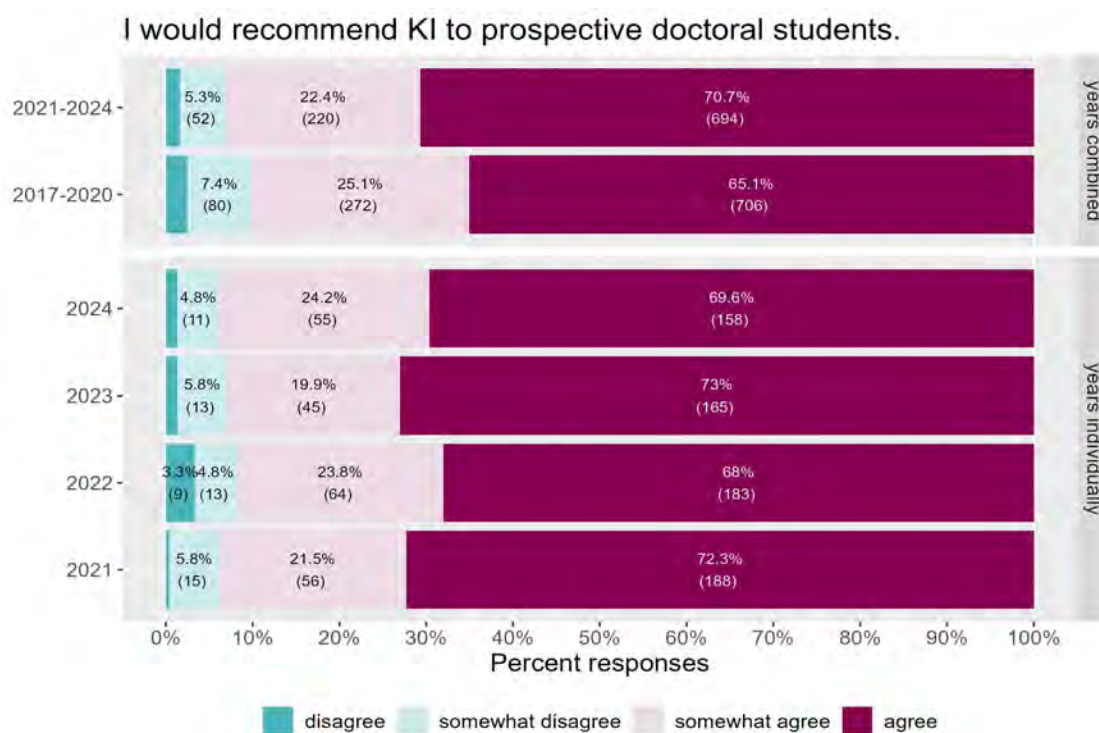


Table 7. Overall, I am satisfied with my doctoral education at KI, (results per department)

Department	Number of respondents (%)				total
	disagree	somewhat disagree	somewhat agree	agree	
SöS	1 (2.9%)	4 (11.8%)	8 (23.5%)	21 (61.8%)	34
OnkPat	2 (3.4%)	4 (6.9%)	10 (17.2%)	42 (72.4%)	58
Neuro	2 (9.5%)	3 (14.3%)	4 (19%)	12 (57.1%)	21
NVS	1 (1.4%)	3 (4.1%)	21 (28.4%)	49 (66.2%)	74
MedS	5 (5.2%)	2 (2.1%)	21 (21.6%)	69 (71.1%)	97
MedH			13 (28.9%)	32 (71.1%)	45
MTC		2 (6.5%)	8 (25.8%)	21 (67.7%)	31
MMK		1 (2%)	15 (29.4%)	35 (68.6%)	51
MEB	1 (2.5%)		13 (32.5%)	26 (65%)	40
MBB	2 (4.8%)	5 (11.9%)	12 (28.6%)	23 (54.8%)	42
LabMed		3 (9.1%)	12 (36.4%)	18 (54.5%)	33
LIME		1 (3.7%)	7 (25.9%)	19 (70.4%)	27
KBH	2 (3.2%)	2 (3.2%)	10 (15.9%)	49 (77.8%)	63
IMM	2 (5%)	3 (7.5%)	7 (17.5%)	28 (70%)	40
GPH	1 (2.1%)	1 (2.1%)	14 (29.2%)	32 (66.7%)	48
FyFa	1 (3.4%)	1 (3.4%)	5 (17.2%)	22 (75.9%)	29
DentMed		1 (9.1%)	2 (18.2%)	8 (72.7%)	11
DS		2 (6.9%)	4 (13.8%)	23 (79.3%)	29
CNS	2 (2%)	4 (4%)	25 (25.3%)	68 (68.7%)	99

Number of respondents (%)					
Department	disagree	somewhat disagree	somewhat agree	agree	total
CMB	1 (3.6%)	2 (7.1%)	15 (53.6%)	10 (35.7%)	28
CLINTEC		4 (6.9%)	14 (24.1%)	40 (69%)	58
BioNut		4 (16.7%)	7 (29.2%)	13 (54.2%)	24
Total					982

I would recommend KI to prospective doctoral students.**Table 8. I would recommend KI to prospective doctoral students.**

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
disagree	1 (0.4%)	9 (3.3%)	3 (1.3%)	3 (1.3%)	27 (2.5%)	16 (1.6%)
somewhat disagree	15 (5.8%)	13 (4.8%)	13 (5.8%)	11 (4.8%)	80 (7.4%)	52 (5.3%)
somewhat agree	56 (21.5%)	64 (23.8%)	45 (19.9%)	55 (24.2%)	272 (25.1%)	220 (22.4%)
agree	188 (72.3%)	183 (68%)	165 (73%)	158 (69.6%)	706 (65.1%)	694 (70.7%)
Total	260	269	226	227	1085	982

I would recommend KI to prospective doctoral students, results per department.

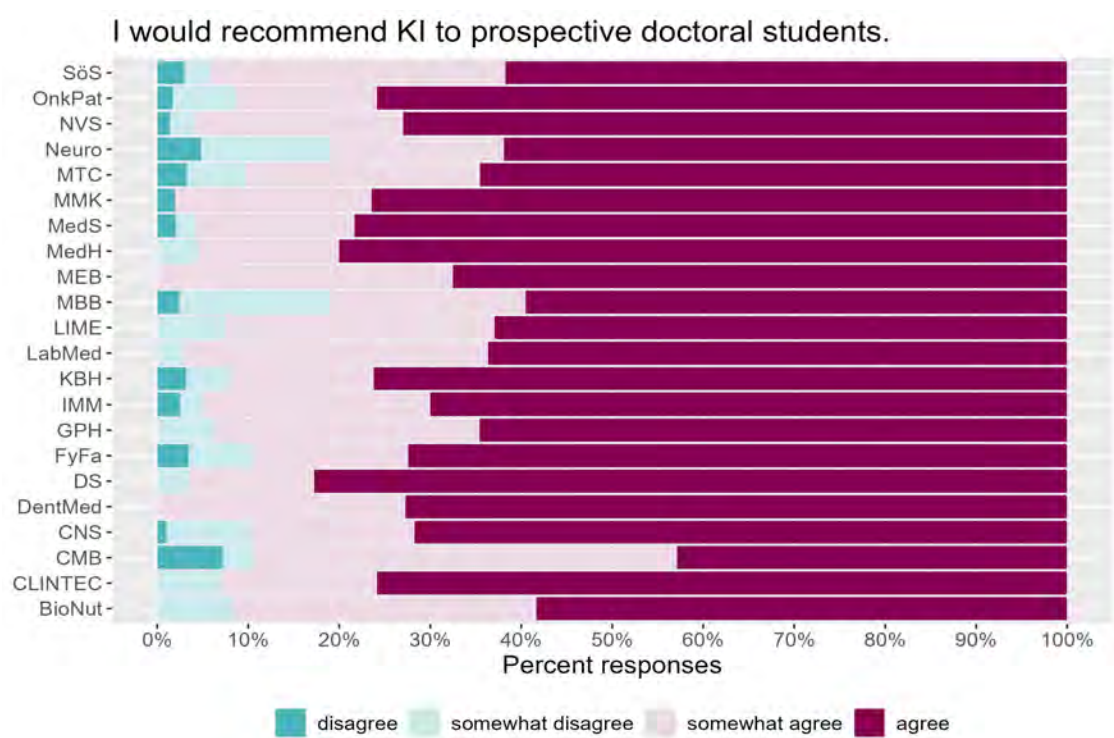


Table 9. I would recommend KI to prospective doctoral students, results per department

Department	Number of respondents (%)				total
	disagree	somewhat disagree	somewhat agree	agree	
SöS	1 (2.9%)	1 (2.9%)	11 (32.4%)	21 (61.8%)	34
OnkPat	1 (1.7%)	4 (6.9%)	9 (15.5%)	44 (75.9%)	58
Neuro	1 (4.8%)	3 (14.3%)	4 (19%)	13 (61.9%)	21
NVS	1 (1.4%)	2 (2.7%)	17 (23%)	54 (73%)	74
MedS	2 (2.1%)	2 (2.1%)	17 (17.5%)	76 (78.4%)	97
MedH		2 (4.4%)	7 (15.6%)	36 (80%)	45
MTC	1 (3.2%)	2 (6.5%)	8 (25.8%)	20 (64.5%)	31
MMK	1 (2%)		11 (21.6%)	39 (76.5%)	51
MEB			13 (32.5%)	27 (67.5%)	40
MBB	1 (2.4%)	7 (16.7%)	9 (21.4%)	25 (59.5%)	42
LabMed		1 (3%)	11 (33.3%)	21 (63.6%)	33
LIME		2 (7.4%)	8 (29.6%)	17 (63%)	27
KBH	2 (3.2%)	3 (4.8%)	10 (15.9%)	48 (76.2%)	63
IMM	1 (2.5%)	1 (2.5%)	10 (25%)	28 (70%)	40
GPH		3 (6.2%)	14 (29.2%)	31 (64.6%)	48
FyFa	1 (3.4%)	2 (6.9%)	5 (17.2%)	21 (72.4%)	29
DentMed			3 (27.3%)	8 (72.7%)	11
DS		1 (3.4%)	4 (13.8%)	24 (82.8%)	29
CNS	1 (1%)	9 (9.1%)	18 (18.2%)	71 (71.7%)	99
CMB	2 (7.1%)	1 (3.6%)	13 (46.4%)	12 (42.9%)	28
CLINTEC		4 (6.9%)	10 (17.2%)	44 (75.9%)	58
BioNut		2 (8.3%)	8 (33.3%)	14 (58.3%)	24
					982

Supervision

I would recommend my principal supervisor to prospective doctoral students.

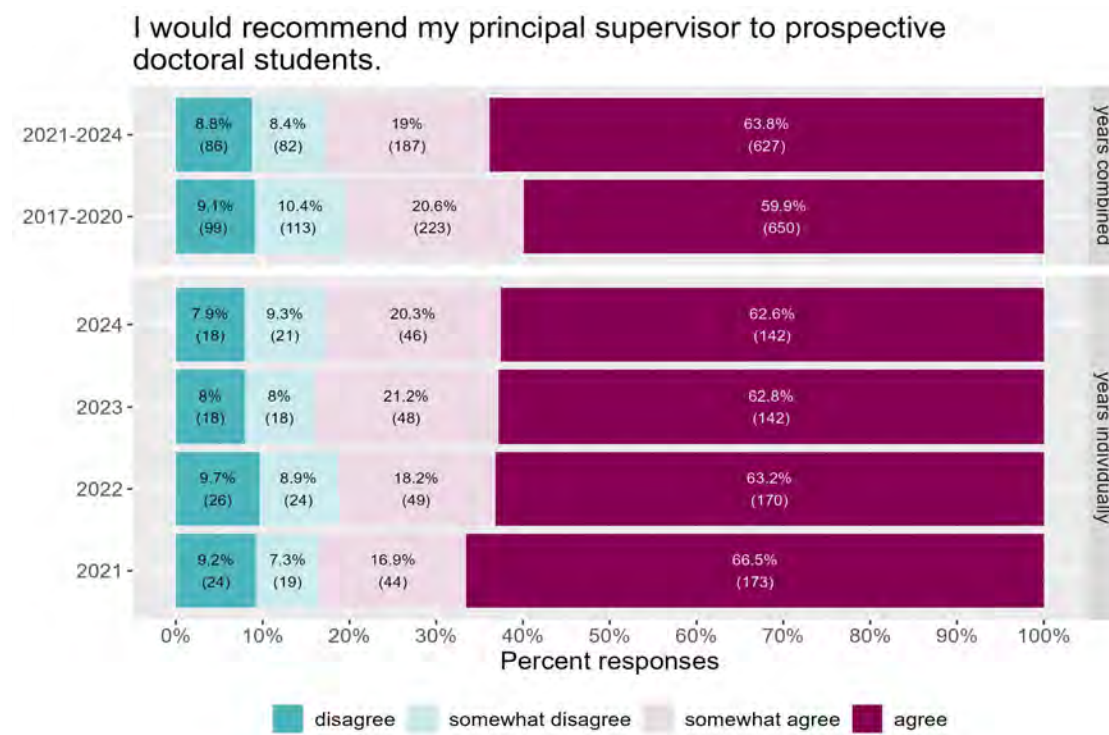


Table 10. I would recommend my principal supervisor to prospective doctoral students.

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
disagree	24 (9.2%)	26 (9.7%)	18 (8%)	18 (7.9%)	99 (9.1%)	86 (8.8%)
somewhat disagree	19 (7.3%)	24 (8.9%)	18 (8%)	21 (9.3%)	113 (10.4%)	82 (8.4%)
somewhat agree	44 (16.9%)	49 (18.2%)	48 (21.2%)	46 (20.3%)	223 (20.6%)	187 (19%)
agree	173 (66.5%)	170 (63.2%)	142 (62.8%)	142 (62.6%)	650 (59.9%)	627 (63.8%)
Total	260	269	226	227	1085	982

I would recommend my principal supervisor, results per department.

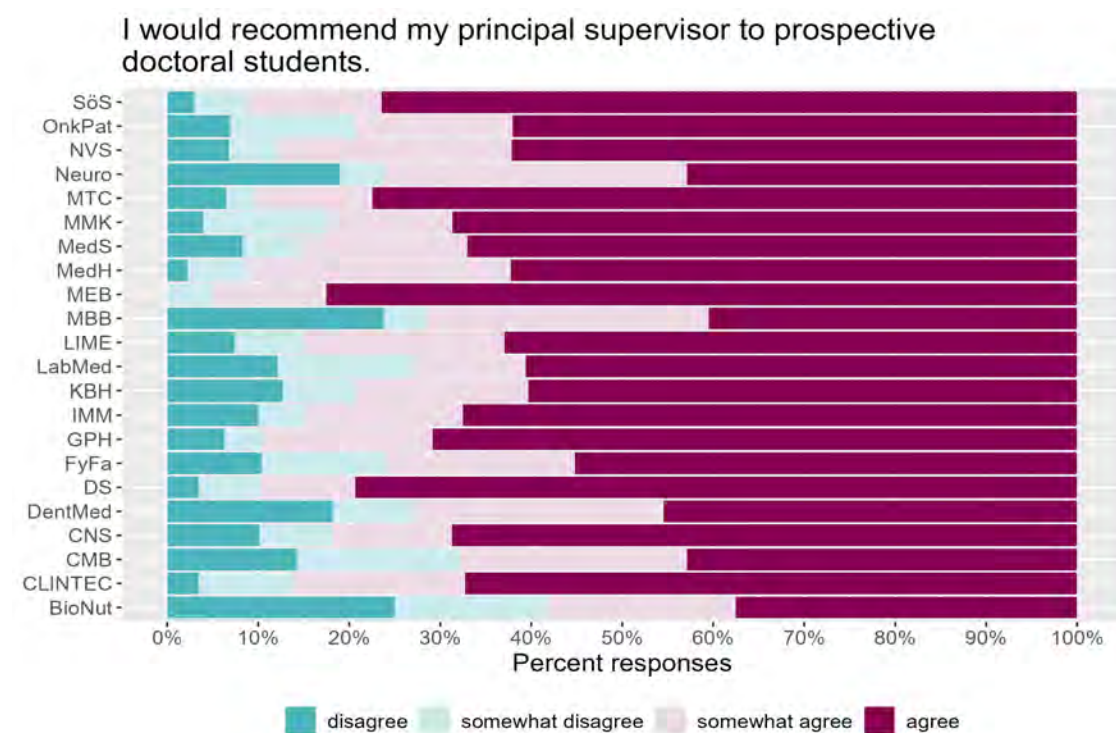


Table 11. I would recommend my principal supervisor, results per department.

Department	Number of respondents (%)				total
	disagree	somewhat disagree	somewhat agree	agree	
Sös	1 (2.9%)	2 (5.9%)	5 (14.7%)	26 (76.5%)	34
OnkPat	4 (6.9%)	8 (13.8%)	10 (17.2%)	36 (62.1%)	58
Neuro	4 (19%)	1 (4.8%)	7 (33.3%)	9 (42.9%)	21
NVS	5 (6.8%)	4 (5.4%)	19 (25.7%)	46 (62.2%)	74
MedS	8 (8.2%)	6 (6.2%)	18 (18.6%)	65 (67%)	97
MedH	1 (2.2%)	3 (6.7%)	13 (28.9%)	28 (62.2%)	45
MTC	2 (6.5%)	1 (3.2%)	4 (12.9%)	24 (77.4%)	31
MMK	2 (3.9%)	7 (13.7%)	7 (13.7%)	35 (68.6%)	51
MEB		2 (5%)	5 (12.5%)	33 (82.5%)	40
MBB	10 (23.8%)	2 (4.8%)	13 (31%)	17 (40.5%)	42
LabMed	4 (12.1%)	5 (15.2%)	4 (12.1%)	20 (60.6%)	33
LIME	2 (7.4%)	2 (7.4%)	6 (22.2%)	17 (63%)	27
KBH	8 (12.7%)	5 (7.9%)	12 (19%)	38 (60.3%)	63
IMM	4 (10%)	2 (5%)	7 (17.5%)	27 (67.5%)	40
GPH	3 (6.2%)	2 (4.2%)	9 (18.8%)	34 (70.8%)	48
FyFa	3 (10.3%)	4 (13.8%)	6 (20.7%)	16 (55.2%)	29
DentMed	2 (18.2%)	1 (9.1%)	3 (27.3%)	5 (45.5%)	11
DS	1 (3.4%)	2 (6.9%)	3 (10.3%)	23 (79.3%)	29
CNS	10 (10.1%)	8 (8.1%)	13 (13.1%)	68 (68.7%)	99
CMB	4 (14.3%)	5 (17.9%)	7 (25%)	12 (42.9%)	28
CLINTEC	2 (3.4%)	6 (10.3%)	11 (19%)	39 (67.2%)	58
BioNut	6 (25%)	4 (16.7%)	5 (20.8%)	9 (37.5%)	24
					982

Gender of my principal supervisor

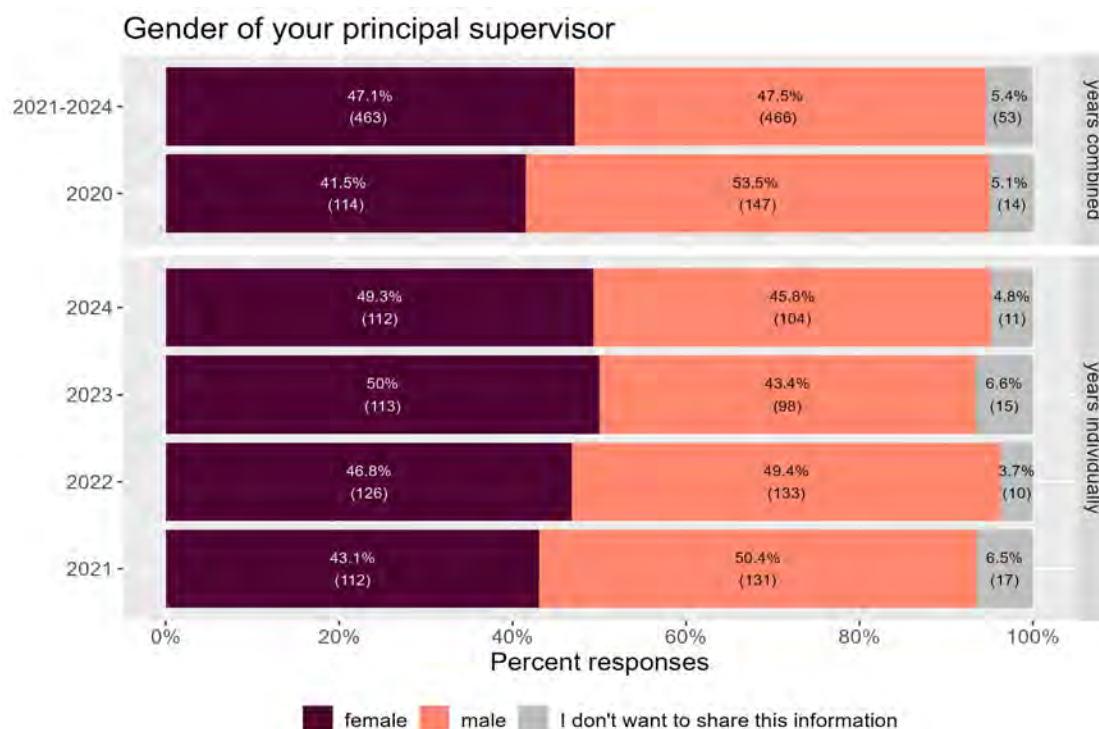


Table 12. Gender of my principal supervisor.

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
female	112 (43.1%)	126 (46.8%)	113 (50%)	112 (49.3%)	114 (41.5%)	463 (47.1%)
male	131 (50.4%)	133 (49.4%)	98 (43.4%)	104 (45.8%)	147 (53.5%)	466 (47.5%)
I don't want to share this information	17 (6.5%)	10 (3.7%)	15 (6.6%)	11 (4.8%)	14 (5.1%)	53 (5.4%)
Total	260	269	226	227	275	982

Gender of my principal supervisor, results per department

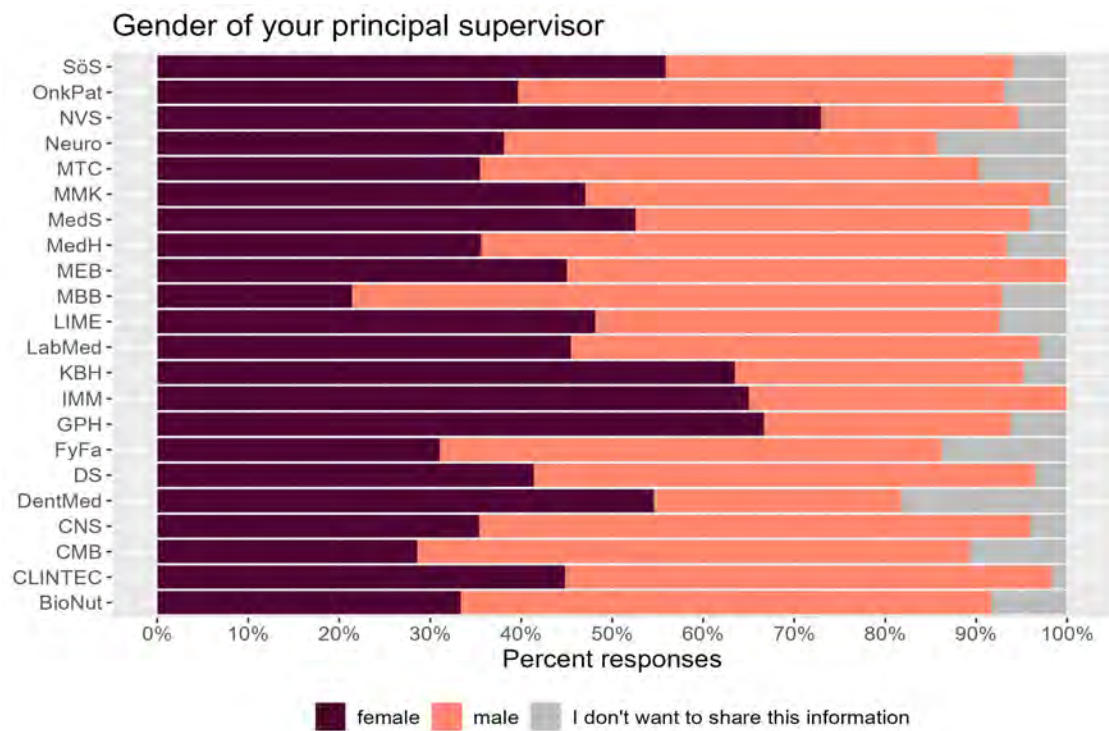


Table 13. Gender of my principal supervisor, results per department

Department	Number of respondents (%)			total
	female	male	I don't want to share this information	
Sös	19 (55.9%)	13 (38.2%)	2 (5.9%)	34
OnkPat	23 (39.7%)	31 (53.4%)	4 (6.9%)	58
Neuro	8 (38.1%)	10 (47.6%)	3 (14.3%)	21
NVS	54 (73%)	16 (21.6%)	4 (5.4%)	74
MedS	51 (52.6%)	42 (43.3%)	4 (4.1%)	97
MedH	16 (35.6%)	26 (57.8%)	3 (6.7%)	45
MTC	11 (35.5%)	17 (54.8%)	3 (9.7%)	31
MMK	24 (47.1%)	26 (51%)	1 (2%)	51
MEB	18 (45%)	22 (55%)		40
MBB	9 (21.4%)	30 (71.4%)	3 (7.1%)	42
LabMed	15 (45.5%)	17 (51.5%)	1 (3%)	33
LIME	13 (48.1%)	12 (44.4%)	2 (7.4%)	27
KBH	40 (63.5%)	20 (31.7%)	3 (4.8%)	63
IMM	26 (65%)	14 (35%)		40
GPH	32 (66.7%)	13 (27.1%)	3 (6.2%)	48
FyFa	9 (31%)	16 (55.2%)	4 (13.8%)	29
DentMed	6 (54.5%)	3 (27.3%)	2 (18.2%)	11
DS	12 (41.4%)	16 (55.2%)	1 (3.4%)	29
CNS	35 (35.4%)	60 (60.6%)	4 (4%)	99
CMB	8 (28.6%)	17 (60.7%)	3 (10.7%)	28
CLINTEC	26 (44.8%)	31 (53.4%)	1 (1.7%)	58
BioNut	8 (33.3%)	14 (58.3%)	2 (8.3%)	24
Total				982

From whom have you in practice received the most supervision?

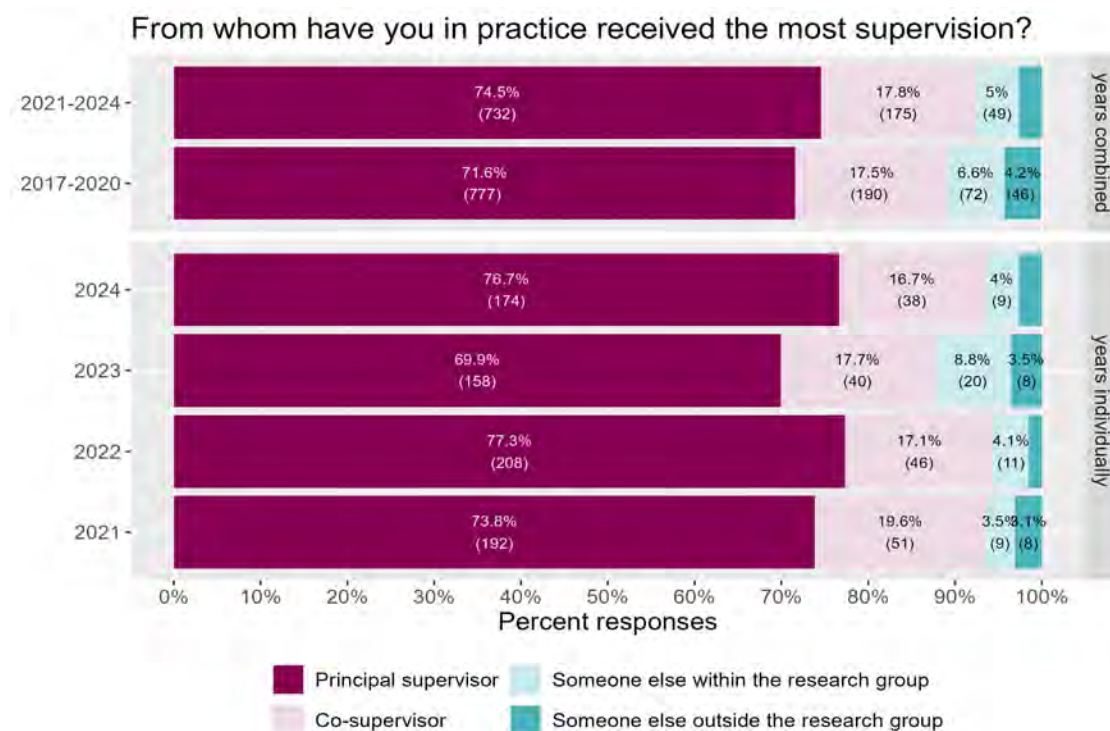
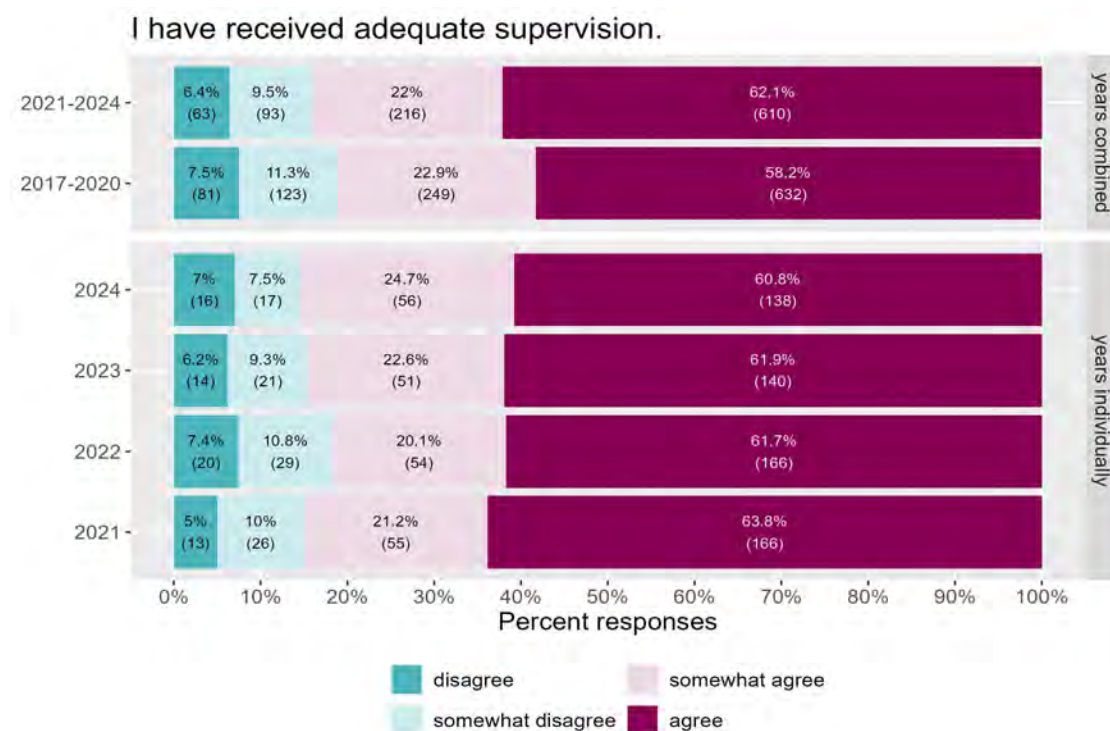


Table 14. From whom have you in practice received the most supervision?

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
Principal supervisor	192 (73.8%)	208 (77.3%)	158 (69.9%)	174 (76.7%)	777 (71.6%)	732 (74.5%)
Co-supervisor	51 (19.6%)	46 (17.1%)	40 (17.7%)	38 (16.7%)	190 (17.5%)	175 (17.8%)
Someone else within the research group	9 (3.5%)	11 (4.1%)	20 (8.8%)	9 (4%)	72 (6.6%)	49 (5%)
Someone else outside the research group	8 (3.1%)	4 (1.5%)	8 (3.5%)	6 (2.6%)	46 (4.2%)	26 (2.6%)
Total	260	269	226	227	1085	982

I have received adequate supervision.**Table 15. I have received adequate supervision.**

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
disagree	13 (5%)	20 (7.4%)	14 (6.2%)	16 (7%)	81 (7.5%)	63 (6.4%)
somewhat disagree	26 (10%)	29 (10.8%)	21 (9.3%)	17 (7.5%)	123 (11.3%)	93 (9.5%)
somewhat agree	55 (21.2%)	54 (20.1%)	51 (22.6%)	56 (24.7%)	249 (22.9%)	216 (22%)
agree	166 (63.8%)	166 (61.7%)	140 (61.9%)	138 (60.8%)	632 (58.2%)	610 (62.1%)
Total	260	269	226	227	1085	982

I have received adequate supervision, results per department.

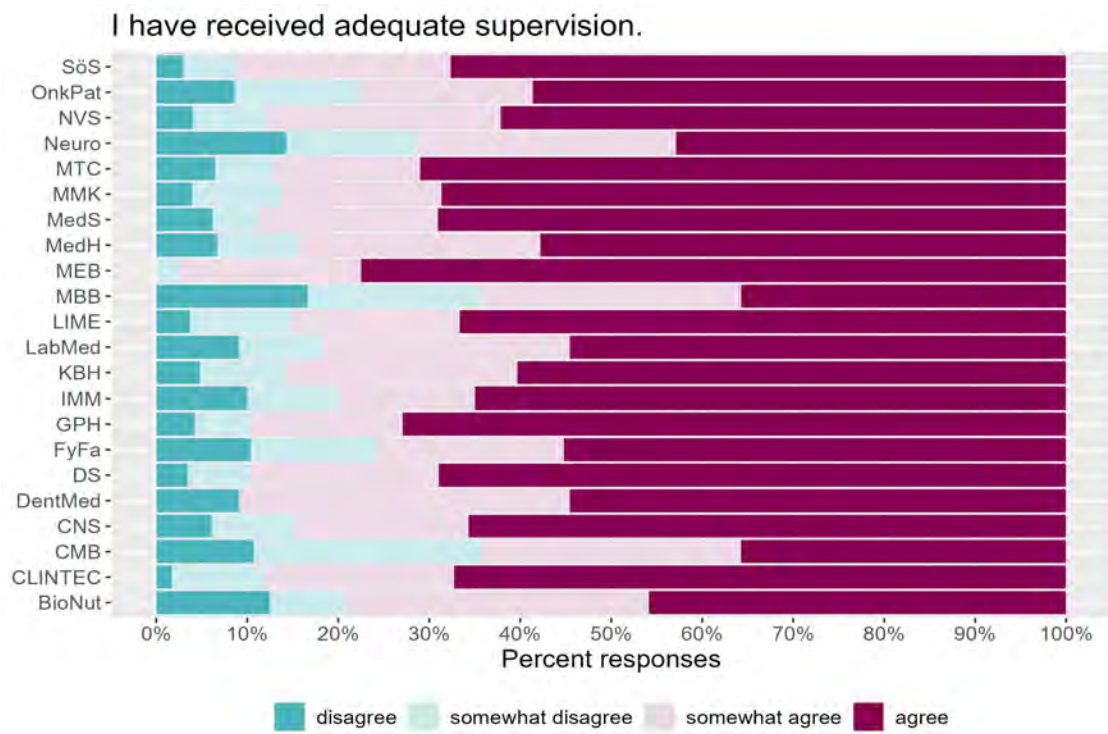


Table 16. I have received adequate supervision, results per department.

Department	Number of respondents (%)				total
	disagree	somewhat disagree	somewhat agree	agree	
Sös	1 (2.9%)	2 (5.9%)	8 (23.5%)	23 (67.6%)	34
OnkPat	5 (8.6%)	8 (13.8%)	11 (19%)	34 (58.6%)	58
Neuro	3 (14.3%)	3 (14.3%)	6 (28.6%)	9 (42.9%)	21
NVS	3 (4.1%)	6 (8.1%)	19 (25.7%)	46 (62.2%)	74
MedS	6 (6.2%)	5 (5.2%)	19 (19.6%)	67 (69.1%)	97
MedH	3 (6.7%)	4 (8.9%)	12 (26.7%)	26 (57.8%)	45
MTC	2 (6.5%)	2 (6.5%)	5 (16.1%)	22 (71%)	31
MMK	2 (3.9%)	5 (9.8%)	9 (17.6%)	35 (68.6%)	51
MEB		1 (2.5%)	8 (20%)	31 (77.5%)	40
MBB	7 (16.7%)	8 (19%)	12 (28.6%)	15 (35.7%)	42
LabMed	3 (9.1%)	3 (9.1%)	9 (27.3%)	18 (54.5%)	33
LIME	1 (3.7%)	3 (11.1%)	5 (18.5%)	18 (66.7%)	27
KBH	3 (4.8%)	6 (9.5%)	16 (25.4%)	38 (60.3%)	63
IMM	4 (10%)	4 (10%)	6 (15%)	26 (65%)	40
GPH	2 (4.2%)	3 (6.2%)	8 (16.7%)	35 (72.9%)	48
FyFa	3 (10.3%)	4 (13.8%)	6 (20.7%)	16 (55.2%)	29
DentMed	1 (9.1%)		4 (36.4%)	6 (54.5%)	11
DS	1 (3.4%)	2 (6.9%)	6 (20.7%)	20 (69%)	29
CNS	6 (6.1%)	9 (9.1%)	19 (19.2%)	65 (65.7%)	99
CMB	3 (10.7%)	7 (25%)	8 (28.6%)	10 (35.7%)	28
CLINTEC	1 (1.7%)	6 (10.3%)	12 (20.7%)	39 (67.2%)	58
BioNut	3 (12.5%)	2 (8.3%)	8 (33.3%)	11 (45.8%)	24
					982

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

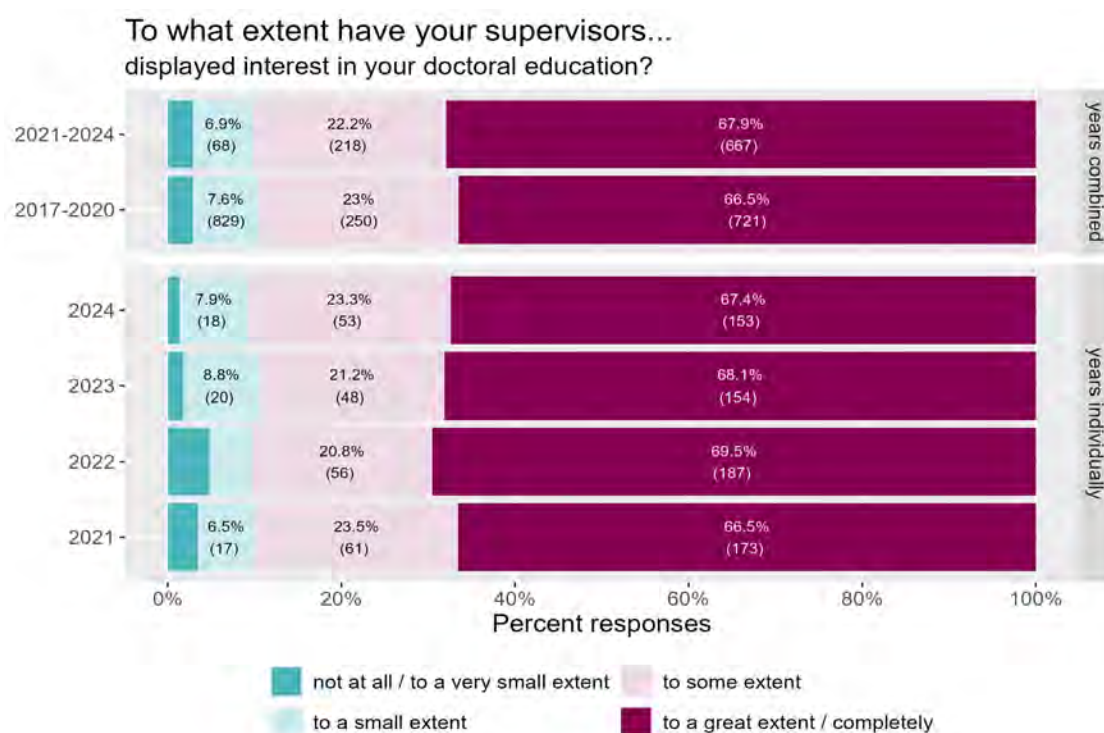


Table 17. To what extent have your supervisors displayed interest in your doctoral education?

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
not at all / to a very small extent	9 (3.5%)	13 (4.8%)	4 (1.8%)	3 (1.3%)	32 (2.9%)	29 (3%)
to a small extent	17 (6.5%)	13 (4.8%)	20 (8.8%)	18 (7.9%)	829 (7.6%)	68 (6.9%)
to some extent	61 (23.5%)	56 (20.8%)	48 (21.2%)	53 (23.3%)	250 (23%)	218 (22.2%)
to a great extent / completely	173 (66.5%)	187 (69.5%)	154 (68.1%)	153 (67.4%)	721 (66.5%)	667 (67.9%)
Total	260	269	226	227	1832	982

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

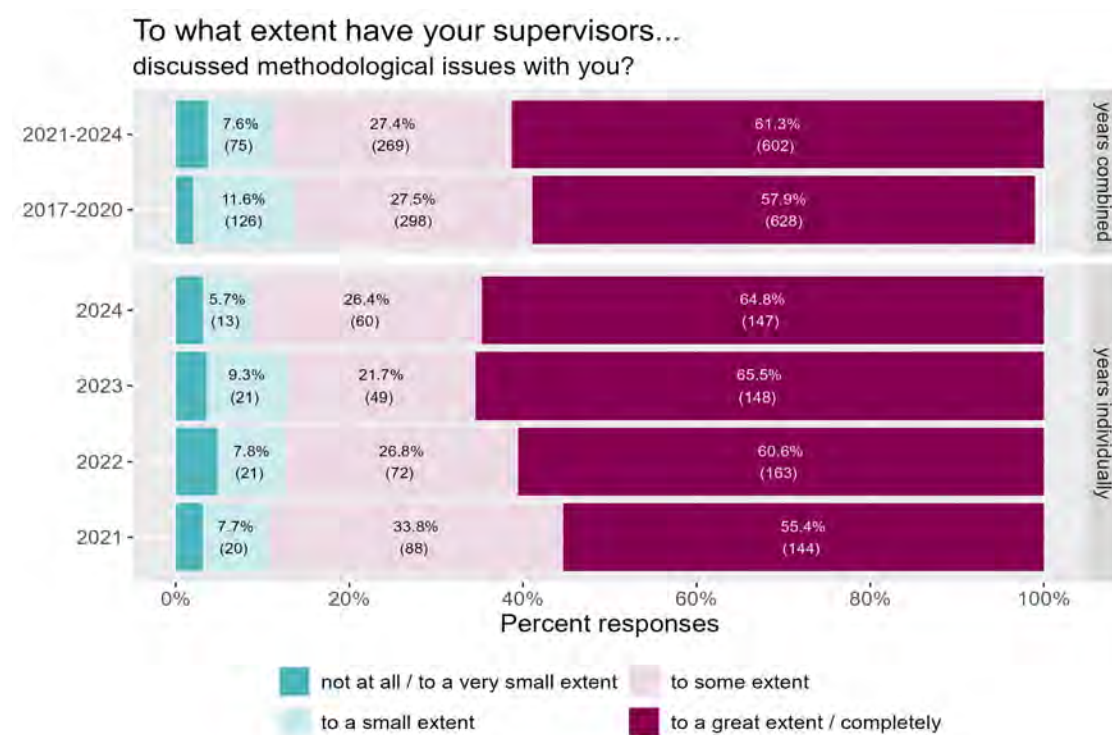


Table 18. To what extent have your supervisors discussed methodological issues with you?

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
not at all / to a very small extent	8 (3.1%)	13 (4.8%)	8 (3.5%)	7 (3.1%)	33 (2%)	36 (3.7%)
to a small extent	20 (7.7%)	21 (7.8%)	21 (9.3%)	13 (5.7%)	126 (11.6%)	75 (7.6%)
to some extent	88 (33.8%)	72 (26.8%)	49 (21.7%)	60 (26.4%)	298 (27.5%)	269 (27.4%)
to a great extent / completely	144 (55.4%)	163 (60.6%)	148 (65.5%)	147 (64.8%)	628 (57.9%)	602 (61.3%)
Total	260	269	226	227	1085	982

To what extent have your supervisors discussed theory with you?

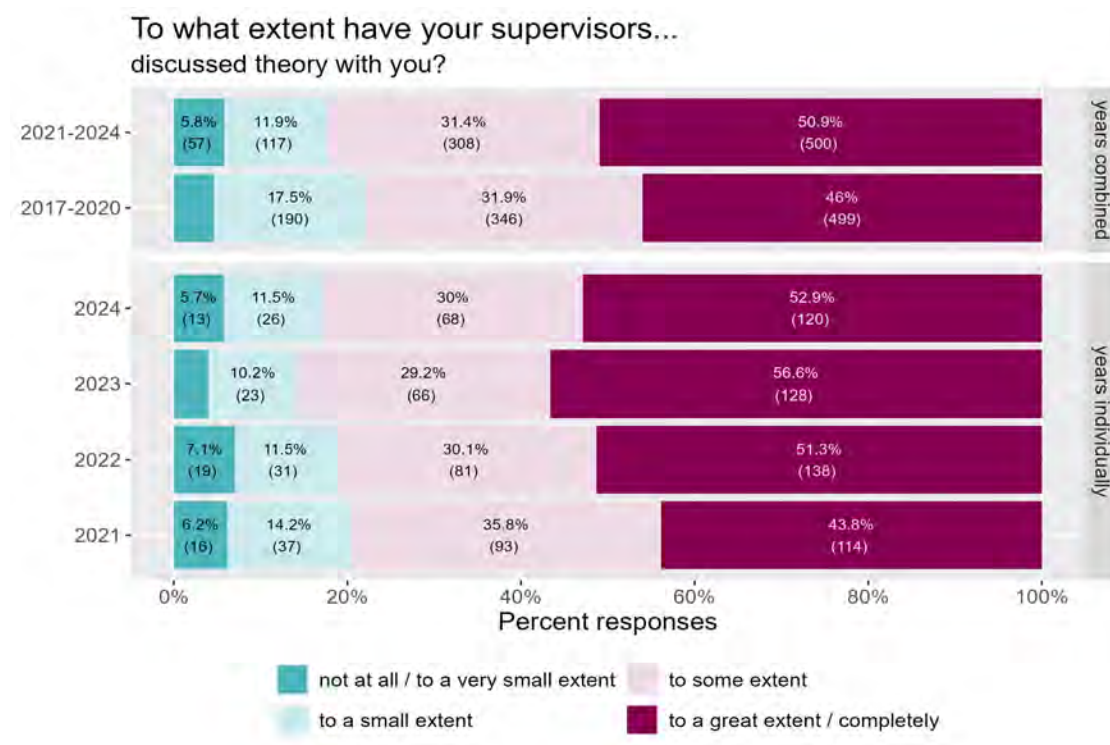


Table 19. To what extent have your supervisors discussed theory with you?

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
not at all / to a very small extent	16 (6.2%)	19 (7.1%)	9 (4%)	13 (5.7%)	50 (4.6%)	57 (5.8%)
to a small extent	37 (14.2%)	31 (11.5%)	23 (10.2%)	26 (11.5%)	190 (17.5%)	117 (11.9%)
to some extent	93 (35.8%)	81 (30.1%)	66 (29.2%)	68 (30%)	346 (31.9%)	308 (31.4%)
to a great extent / completely	114 (43.8%)	138 (51.3%)	128 (56.6%)	120 (52.9%)	499 (46%)	500 (50.9%)
Total	260	269	226	227	1085	982

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

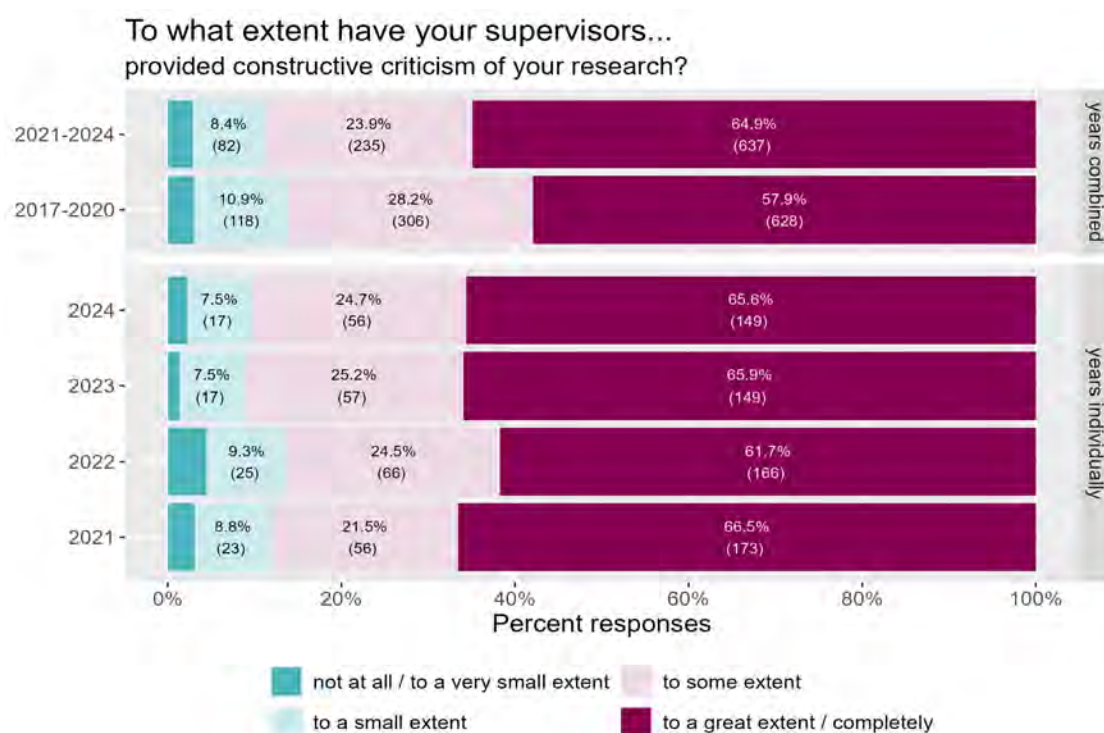


Table 20. To what extent have your supervisors provided constructive criticism of your research?

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
not at all / to a very small extent	8 (3.1%)	12 (4.5%)	3 (1.3%)	5 (2.2%)	33 (3%)	28 (2.9%)
to a small extent	23 (8.8%)	25 (9.3%)	17 (7.5%)	17 (7.5%)	118 (10.9%)	82 (8.4%)
to some extent	56 (21.5%)	66 (24.5%)	57 (25.2%)	56 (24.7%)	306 (28.2%)	235 (23.9%)
to a great extent / completely	173 (66.5%)	166 (61.7%)	149 (65.9%)	149 (65.6%)	628 (57.9%)	637 (64.9%)
Total	260	269	226	227	1085	982

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

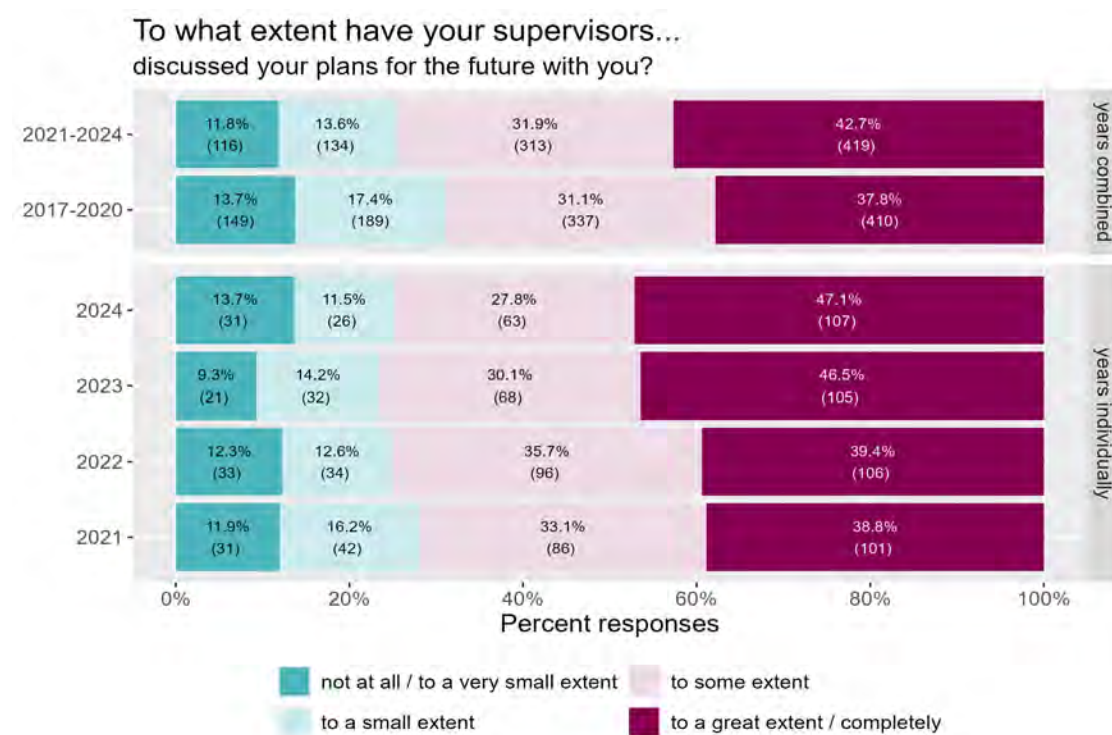
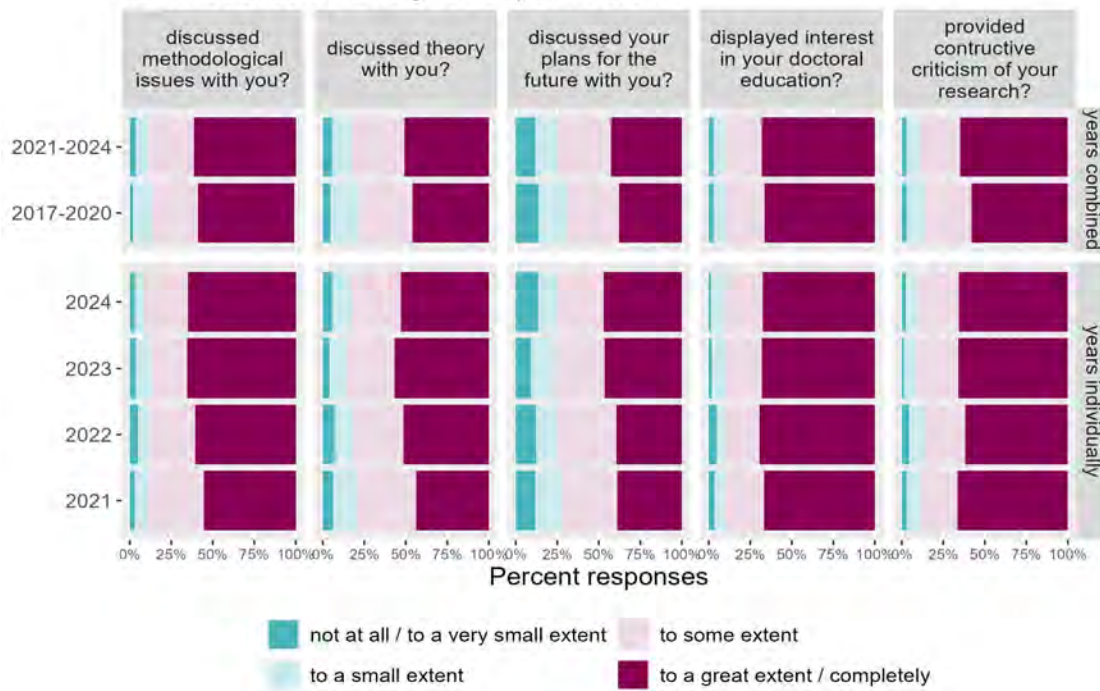


Table 21. To what extent have your supervisors discussed your plans for the future with you?

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
not at all / to a very small extent	31 (11.9%)	33 (12.3%)	21 (9.3%)	31 (13.7%)	149 (13.7%)	116 (11.8%)
to a small extent	42 (16.2%)	34 (12.6%)	32 (14.2%)	26 (11.5%)	189 (17.4%)	134 (13.6%)
to some extent	86 (33.1%)	96 (35.7%)	68 (30.1%)	63 (27.8%)	337 (31.1%)	313 (31.9%)
to a great extent / completely	101 (38.8%)	106 (39.4%)	105 (46.5%)	107 (47.1%)	410 (37.8%)	419 (42.7%)
Total	260	269	226	227	1085	982

Aggregated outcomes: all questions summarized:

To what extent have your supervisors...



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

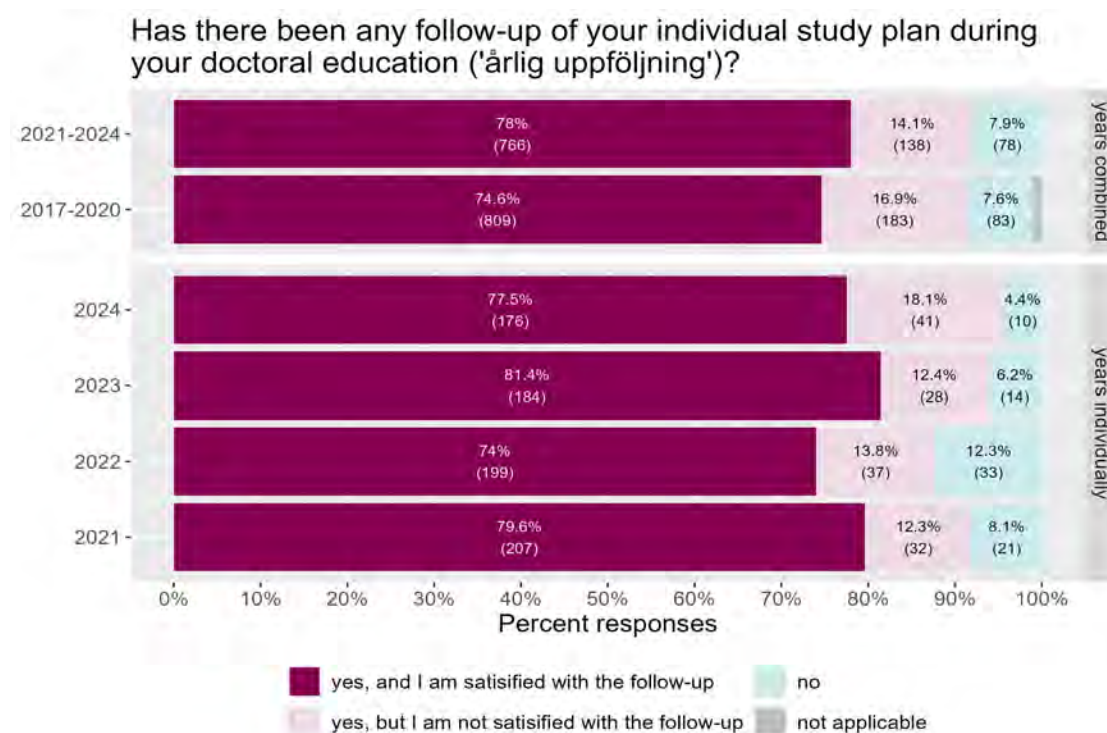


Table 22. Has there been any follow-up of your individual study plan during your doctoral education ('årlig uppföljning')?

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
yes, and I am satisfied with the follow-up	207 (79.6%)	199 (74%)	184 (81.4%)	176 (77.5%)	809 (74.6%)	766 (78%)
yes, but I am not satisfied with the follow-up	32 (12.3%)	37 (13.8%)	28 (12.4%)	41 (18.1%)	183 (16.9%)	138 (14.1%)
no	21 (8.1%)	33 (12.3%)	14 (6.2%)	10 (4.4%)	83 (7.6%)	78 (7.9%)
not applicable					10 (0.9%)	
Total	260	269	226	227	1085	982

Courses, Research schools and Teaching

General science courses

“The courses offered fitted in with my wishes and needs”

How well do the following statements describe the courses?
(regarding general science courses - allmänvetenskapliga kurser)

The courses offered fitted in with my wishes and needs

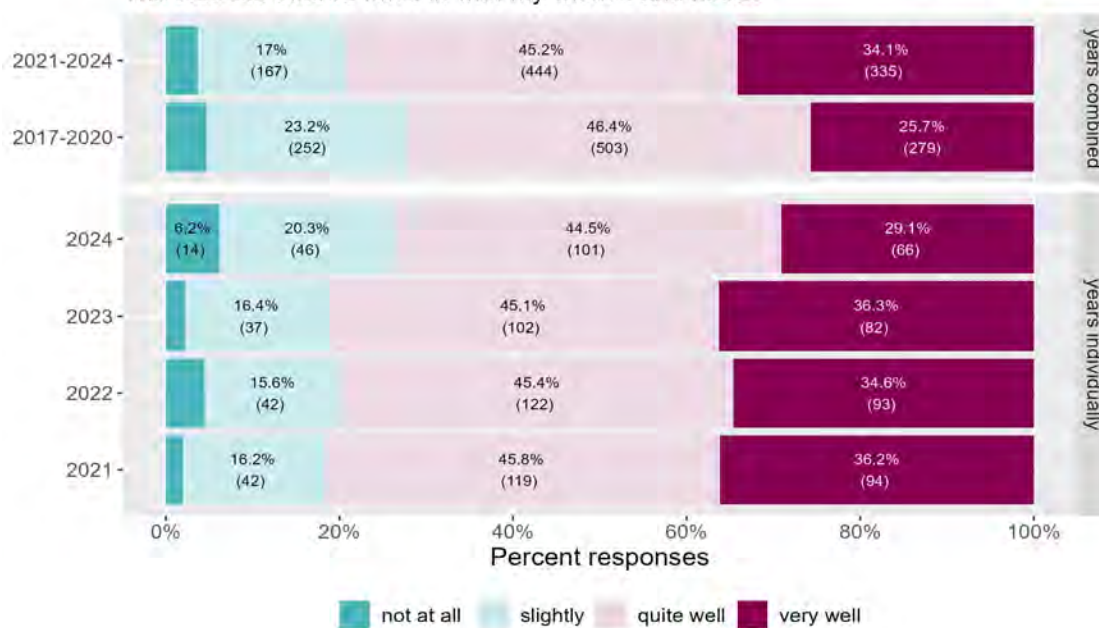


Table 23. “The courses offered fitted in with my wishes and needs”

	Number of respondents (%)					
Response	2021	2022	2023	2024	2017-2020	2021-2024
not at all	5 (1.9%)	12 (4.5%)	5 (2.2%)	14 (6.2%)	51 (4.7%)	36 (3.7%)
slightly	42 (16.2%)	42 (15.6%)	37 (16.4%)	46 (20.3%)	252 (23.2%)	167 (17%)
quite well	119 (45.8%)	122 (45.4%)	102 (45.1%)	101 (44.5%)	503 (46.4%)	444 (45.2%)
very well	94 (36.2%)	93 (34.6%)	82 (36.3%)	66 (29.1%)	279 (25.7%)	335 (34.1%)
Total	260	269	226	227	1085	982

“The courses were relevant to my thesis work”

How well do the following statements describe the courses?
(regarding general science courses - allmänvetenskapliga kurser)

The courses were relevant to my thesis work

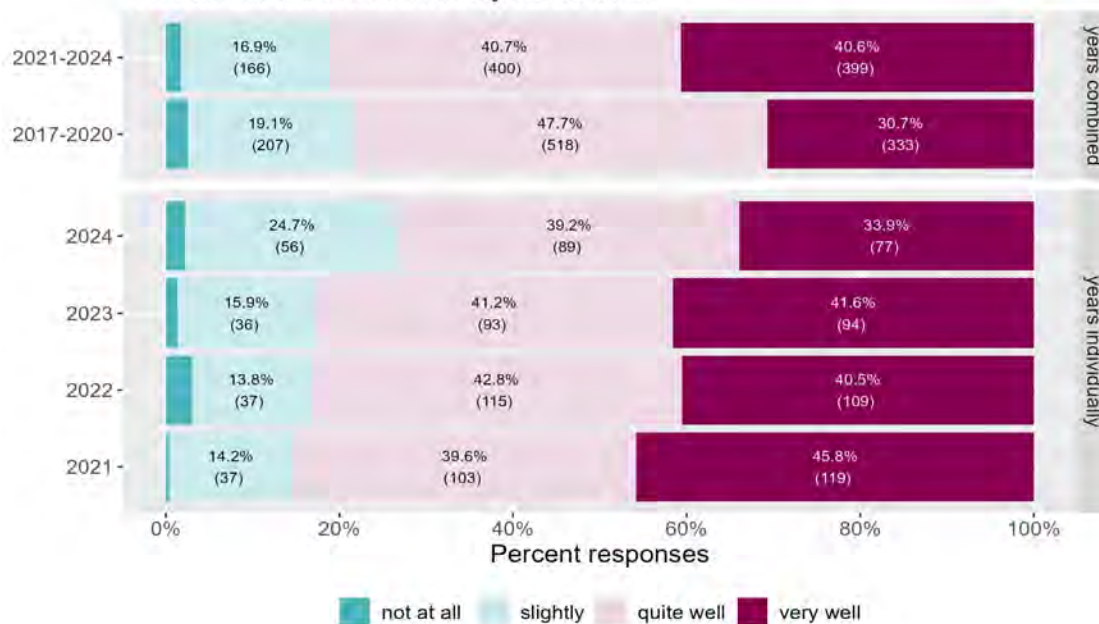


Table 24. “The courses were relevant to my thesis work”

	Number of respondents (%)					
Response	2021	2022	2023	2024	2017-2020	2021-2024
not at all	1 (0.4%)	8 (3%)	3 (1.3%)	5 (2.2%)	27 (2.5%)	17 (1.7%)
slightly	37 (14.2%)	37 (13.8%)	36 (15.9%)	56 (24.7%)	207 (19.1%)	166 (16.9%)
quite well	103 (39.6%)	115 (42.8%)	93 (41.2%)	89 (39.2%)	518 (47.7%)	400 (40.7%)
very well	119 (45.8%)	109 (40.5%)	94 (41.6%)	77 (33.9%)	333 (30.7%)	399 (40.6%)
Total	260	269	226	227	1085	982

“The quality of the courses was consistently high”

How well do the following statements describe the courses?
(regarding general science courses - allmänvetenskapliga kurser)
The quality of the courses was consistently high

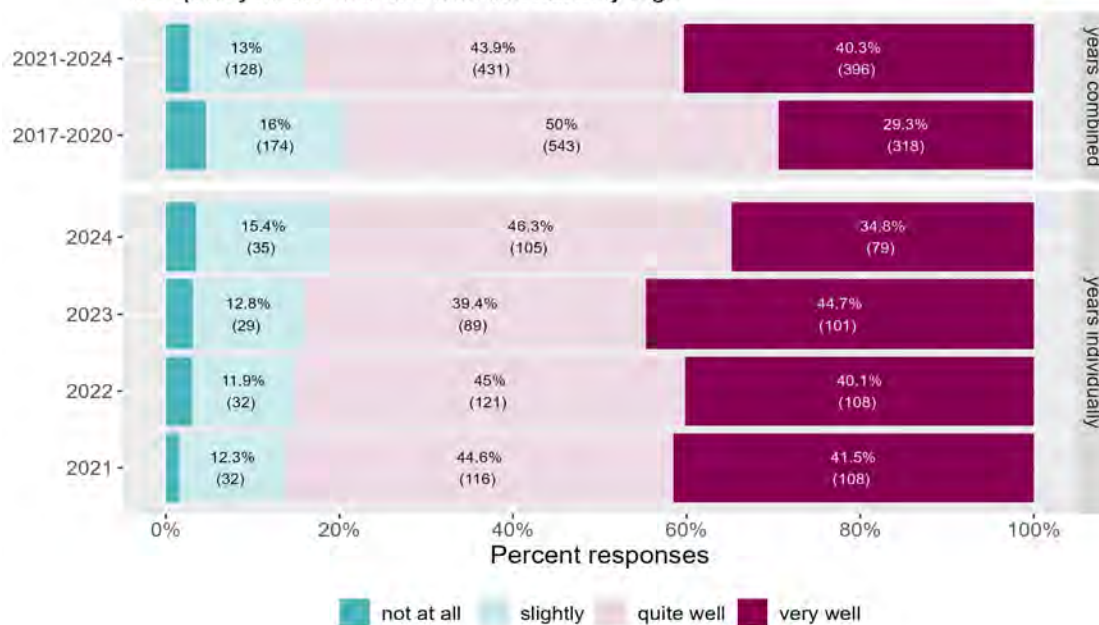


Table 25. “The quality of the courses was consistently high”

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017-2020	2021-2024
not at all	4 (1.5%)	8 (3%)	7 (3.1%)	8 (3.5%)	50 (4.6%)	27 (2.7%)
slightly	32 (12.3%)	32 (11.9%)	29 (12.8%)	35 (15.4%)	174 (16%)	128 (13%)
quite well	116 (44.6%)	121 (45%)	89 (39.4%)	105 (46.3%)	543 (50%)	431 (43.9%)
very well	108 (41.5%)	108 (40.1%)	101 (44.7%)	79 (34.8%)	318 (29.3%)	396 (40.3%)
Total	260	269	226	227	1085	982

Project-specific courses

“The courses offered fitted in with my wishes and needs”

How well do the following statements describe the courses?
(regarding project-specific courses)

The courses offered fitted in with my wishes and needs

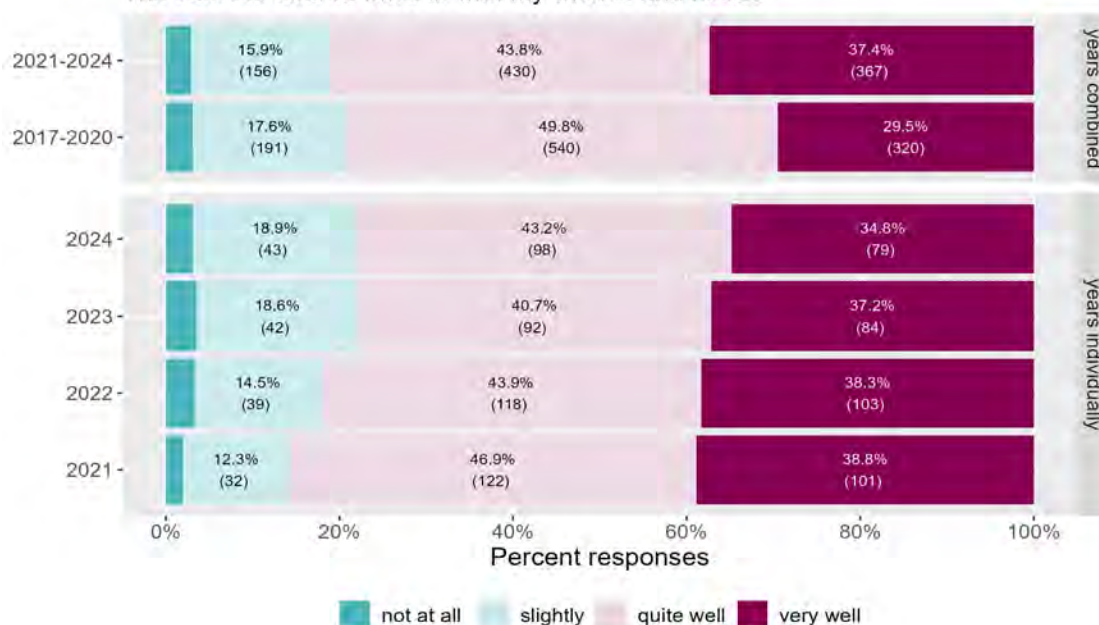


Table 26. “The courses offered fitted in with my wishes and needs”

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017-2020	2021-2024
not at all	5 (1.9%)	9 (3.3%)	8 (3.5%)	7 (3.1%)	34 (3.1%)	29 (3%)
slightly	32 (12.3%)	39 (14.5%)	42 (18.6%)	43 (18.9%)	191 (17.6%)	156 (15.9%)
quite well	122 (46.9%)	118 (43.9%)	92 (40.7%)	98 (43.2%)	540 (49.8%)	430 (43.8%)
very well	101 (38.8%)	103 (38.3%)	84 (37.2%)	79 (34.8%)	320 (29.5%)	367 (37.4%)
Total	260	269	226	227	1085	982

“The courses were relevant to my thesis work”

How well do the following statements describe the courses?
(regarding project-specific courses)

The courses were relevant to my thesis work



Table 27. “The courses were relevant to my thesis work”

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017-2020	2021-2024
not at all	3 (1.2%)	5 (1.9%)	5 (2.2%)	6 (2.6%)	22 (2%)	19 (1.9%)
slightly	35 (13.5%)	25 (9.3%)	29 (12.8%)	34 (15%)	163 (15%)	123 (12.5%)
quite well	99 (38.1%)	121 (45%)	94 (41.6%)	93 (41%)	524 (48.3%)	407 (41.4%)
very well	123 (47.3%)	118 (43.9%)	98 (43.4%)	94 (41.4%)	376 (34.7%)	433 (44.1%)
Total	260	269	226	227	1085	982

“The quality of the courses was consistently high”

How well do the following statements describe the courses?
(regarding project-specific courses)

The quality of the courses was consistently high



Table 28. “The quality of the courses was consistently high”

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017-2020	2021-2024
not at all	4 (1.5%)	7 (2.6%)	6 (2.7%)	5 (2.2%)	31 (2.9%)	22 (2.2%)
slightly	25 (9.6%)	26 (9.7%)	16 (7.1%)	26 (11.5%)	120 (11.1%)	93 (9.5%)
quite well	108 (41.5%)	121 (45%)	107 (47.3%)	101 (44.5%)	553 (51%)	437 (44.5%)
very well	123 (47.3%)	115 (42.8%)	97 (42.9%)	95 (41.9%)	381 (35.1%)	430 (43.8%)
Total	260	269	226	227	1085	982

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

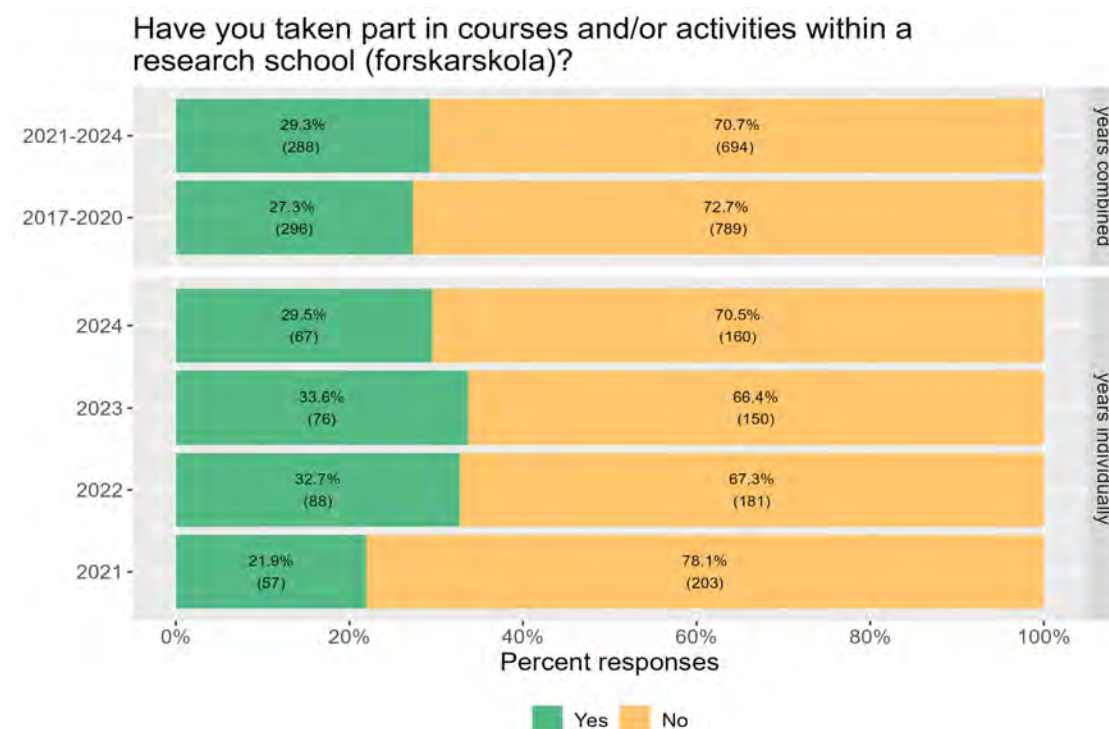


Table 29. Have you taken part in courses and/or activities within a research school ('forskaraskola')?

Number of respondents (%)						
Response	2021	2022	2023	2024	2017–2020	2021–2024
Yes	57 (21.9%)	88 (32.7%)	76 (33.6%)	67 (29.5%)	296 (27.3%)	288 (29.3%)
No	203 (78.1%)	181 (67.3%)	150 (66.4%)	160 (70.5%)	789 (72.7%)	694 (70.7%)
Total	260	269	226	227	1085	982

Which research school (forskarskola)?

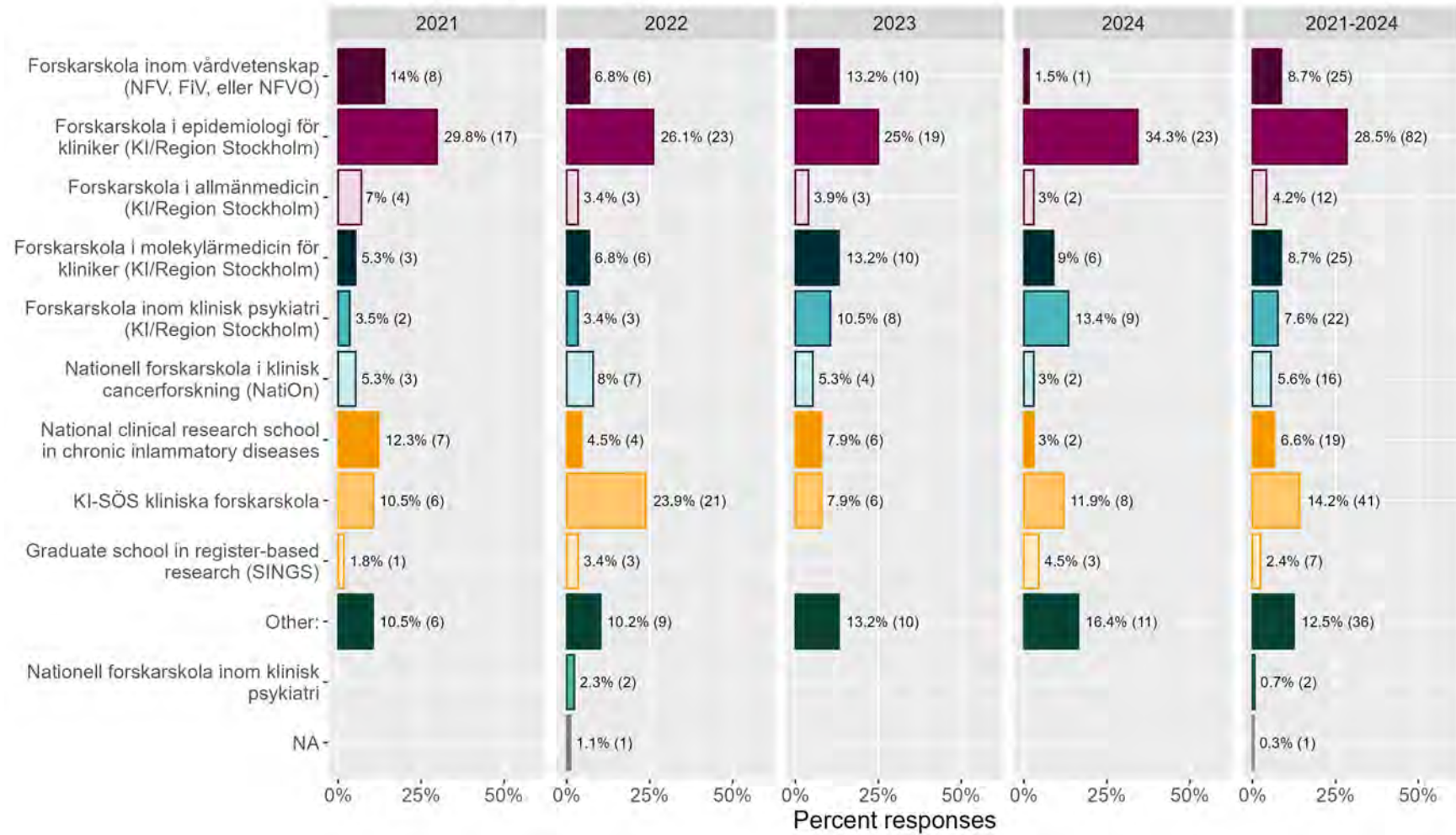


Table 30. Which research school?

Research school	Number of respondents (%)				
	2021	2022	2023	2024	2021–2024
Forskarskola inom vårdvetenskap (NFV, FiV, eller NFVO)	8 (14%)	6 (6.8%)	10 (13.2%)	1 (1.5%)	25 (8.7%)
Forskarskola i epidemiologi för kliniker (KI/Region Stockholm)	17 (29.8%)	23 (26.1%)	19 (25%)	23 (34.3%)	82 (28.5%)
Forskarskola i allmänmedicin (KI/Region Stockholm)	4 (7%)	3 (3.4%)	3 (3.9%)	2 (3%)	12 (4.2%)
Forskarskola i molekylärmedicin för kliniker (KI/Region Stockholm)	3 (5.3%)	6 (6.8%)	10 (13.2%)	6 (9%)	25 (8.7%)
Forskarskola inom klinisk psykiatri (KI/Region Stockholm)	2 (3.5%)	3 (3.4%)	8 (10.5%)	9 (13.4%)	22 (7.6%)
Nationell forskarskola i klinisk cancerforskning (NatiOn)	3 (5.3%)	7 (8%)	4 (5.3%)	2 (3%)	16 (5.6%)
National clinical research school in chronic inflammatory diseases	7 (12.3%)	4 (4.5%)	6 (7.9%)	2 (3%)	19 (6.6%)
KI-SÖS kliniska forskarskola	6 (10.5%)	21 (23.9%)	6 (7.9%)	8 (11.9%)	41 (14.2%)
Graduate school in register-based research (SINGS)	1 (1.8%)	3 (3.4%)		3 (4.5%)	7 (2.4%)
Other:	6 (10.5%)	9 (10.2%)	10 (13.2%)	11 (16.4%)	36 (12.5%)
Nationell forskarskola inom klinisk psykiatri		2 (2.3%)			2 (0.7%)
Total	57	88	76	67	288

Have you taken part in any teacher training?

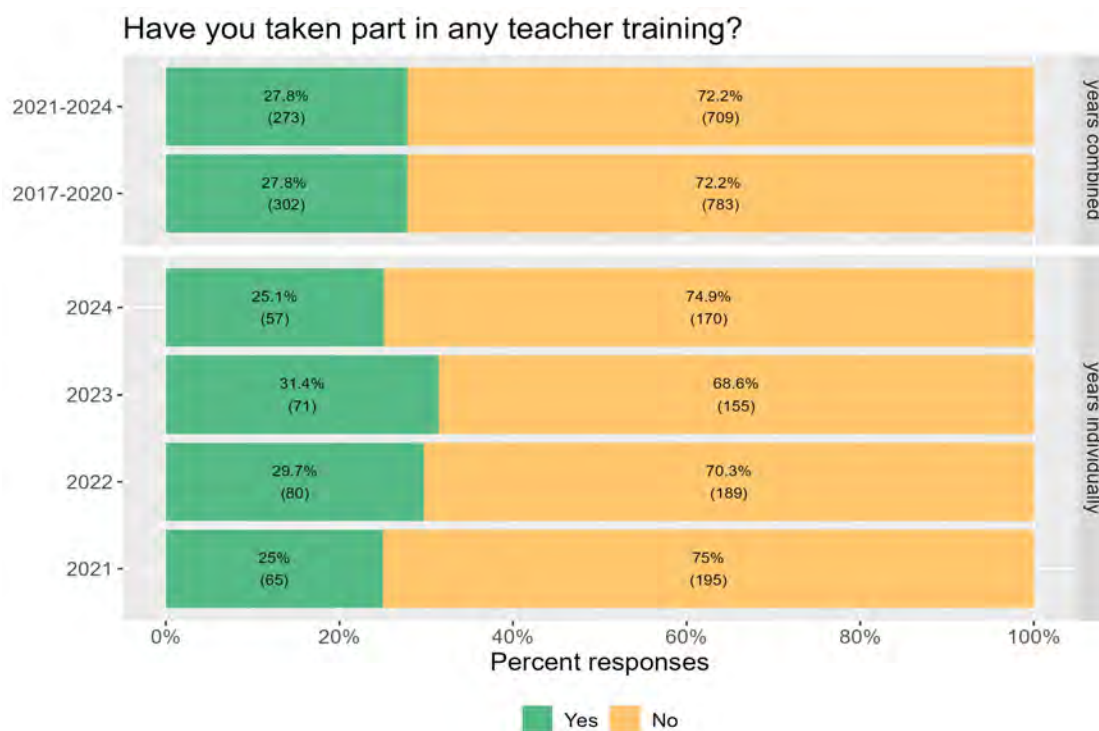


Table 31. Have you taken part in any teacher training?

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
Yes	65 (25%)	80 (29.7%)	71 (31.4%)	57 (25.1%)	302 (27.8%)	273 (27.8%)
No	195 (75%)	189 (70.3%)	155 (68.6%)	170 (74.9%)	783 (72.2%)	709 (72.2%)
Total	260	269	226	227	1085	982

Information and administrative support

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

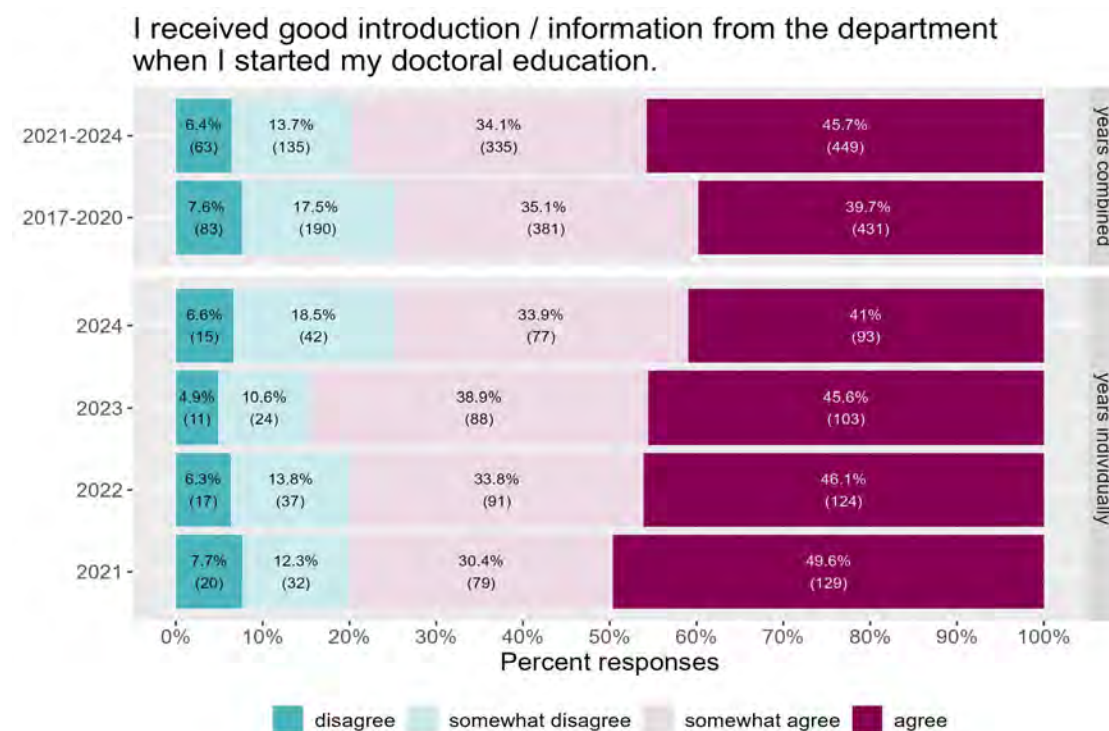


Table 32. I received good introduction / information from the department when I started my doctoral education.

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
disagree	20 (7.7%)	17 (6.3%)	11 (4.9%)	15 (6.6%)	83 (7.6%)	63 (6.4%)
somewhat disagree	32 (12.3%)	37 (13.8%)	24 (10.6%)	42 (18.5%)	190 (17.5%)	135 (13.7%)
somewhat agree	79 (30.4%)	91 (33.8%)	88 (38.9%)	77 (33.9%)	381 (35.1%)	335 (34.1%)
agree	129 (49.6%)	124 (46.1%)	103 (45.6%)	93 (41%)	431 (39.7%)	449 (45.7%)
Total	260	269	226	227	1085	982

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

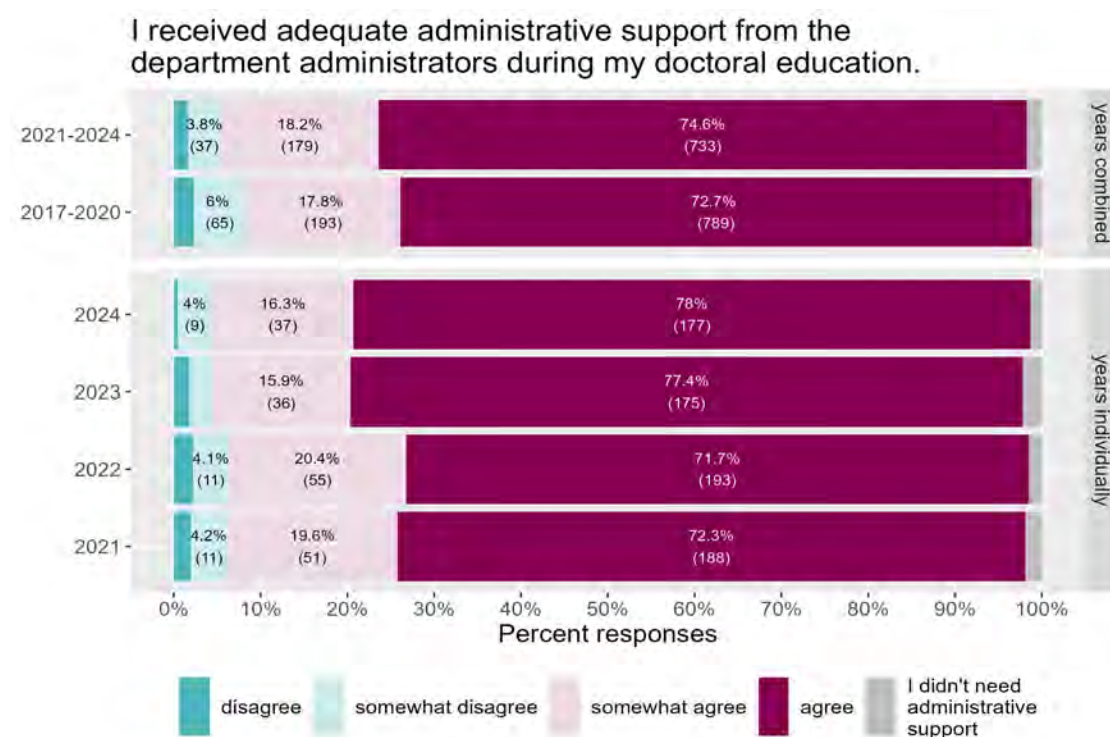


Table 33. I received adequate administrative support from the departmental administrators during my doctoral education.

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
disagree	5 (1.9%)	6 (2.2%)	4 (1.8%)	1 (0.4%)	25 (2.3%)	16 (1.6%)
somewhat disagree	11 (4.2%)	11 (4.1%)	6 (2.7%)	9 (4%)	65 (6%)	37 (3.8%)
somewhat agree	51 (19.6%)	55 (20.4%)	36 (15.9%)	37 (16.3%)	193 (17.8%)	179 (18.2%)
agree	188 (72.3%)	193 (71.7%)	175 (77.4%)	177 (78%)	789 (72.7%)	733 (74.6%)
I didn't need administrative support	5 (1.9%)	4 (1.5%)	5 (2.2%)	3 (1.3%)	13 (1.2%)	17 (1.7%)
Total	260	269	226	227	1085	982

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

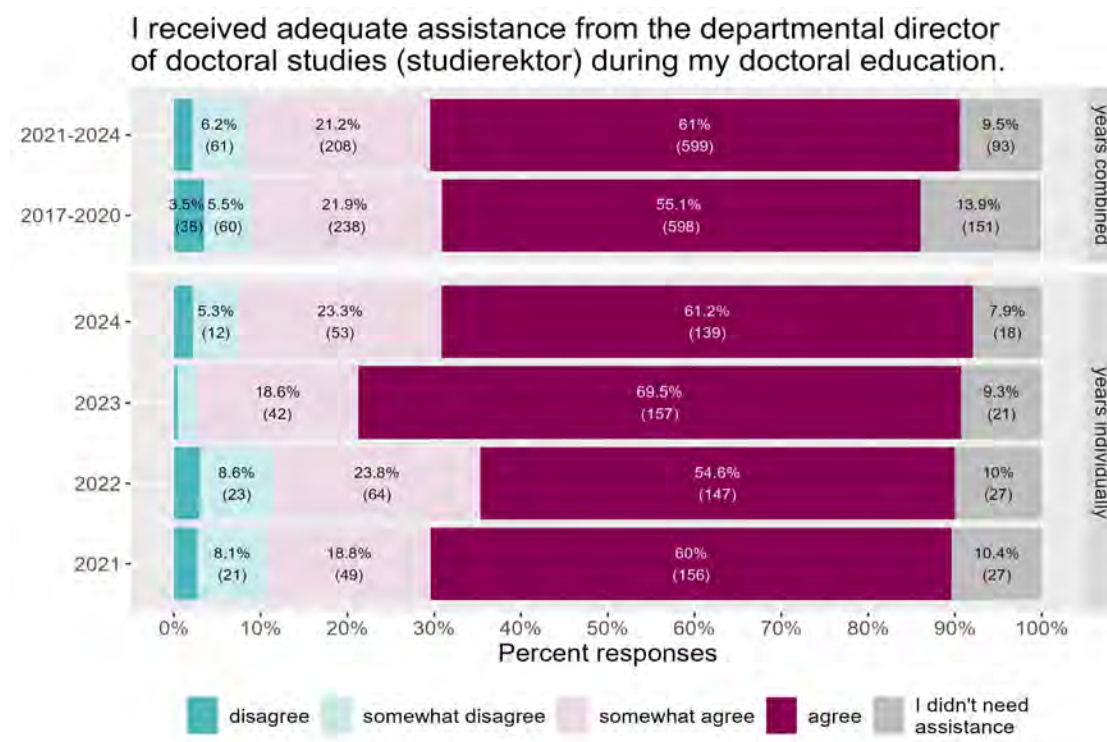


Table 34. I received adequate assistance from the departmental director of doctoral studies during my doctoral education.

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
disagree	7 (2.7%)	8 (3%)	1 (0.4%)	5 (2.2%)	38 (3.5%)	21 (2.1%)
somewhat disagree	21 (8.1%)	23 (8.6%)	5 (2.2%)	12 (5.3%)	60 (5.5%)	61 (6.2%)
somewhat agree	49 (18.8%)	64 (23.8%)	42 (18.6%)	53 (23.3%)	238 (21.9%)	208 (21.2%)
agree	156 (60%)	147 (54.6%)	157 (69.5%)	139 (61.2%)	598 (55.1%)	599 (61%)
I didn't need assistance	27 (10.4%)	27 (10%)	21 (9.3%)	18 (7.9%)	151 (13.9%)	93 (9.5%)
Total	260	269	226	227	1085	982

Working environment

I enjoyed a good working environment within my research group

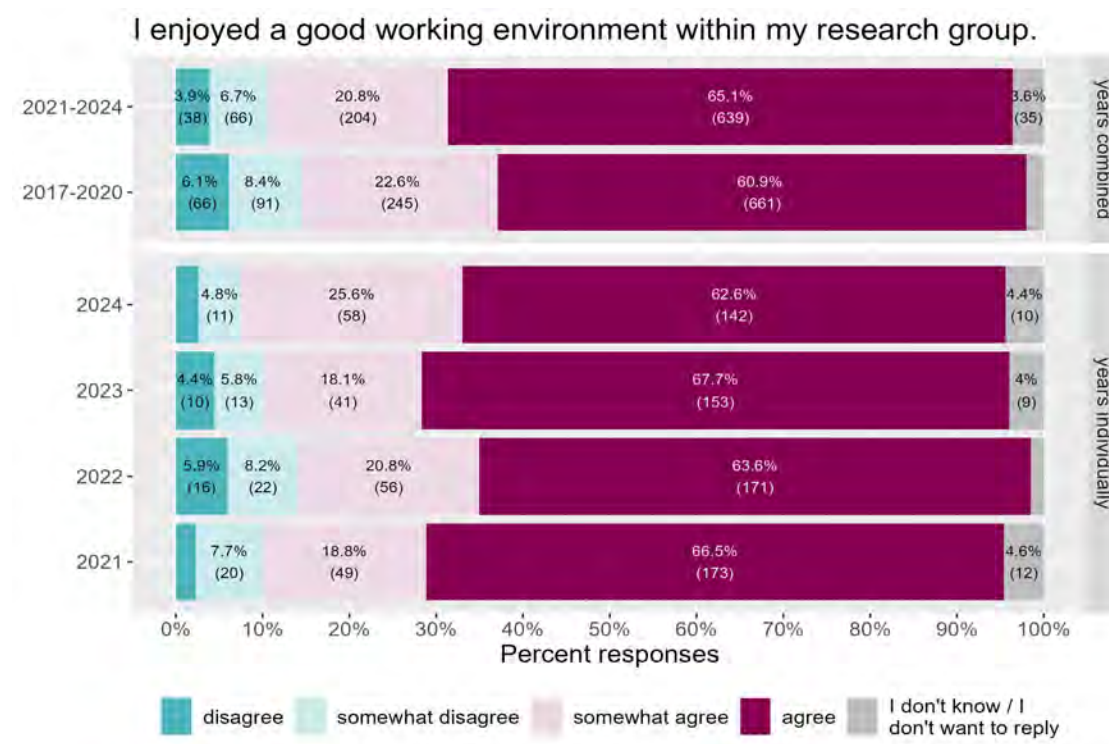


Table 35. I enjoyed a good working environment within my research group.

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
disagree	6 (2.3%)	16 (5.9%)	10 (4.4%)	6 (2.6%)	66 (6.1%)	38 (3.9%)
somewhat disagree	20 (7.7%)	22 (8.2%)	13 (5.8%)	11 (4.8%)	91 (8.4%)	66 (6.7%)
somewhat agree	49 (18.8%)	56 (20.8%)	41 (18.1%)	58 (25.6%)	245 (22.6%)	204 (20.8%)
agree	173 (66.5%)	171 (63.6%)	153 (67.7%)	142 (62.6%)	661 (60.9%)	639 (65.1%)
I don't know / I don't want to reply	12 (4.6%)	4 (1.5%)	9 (4%)	10 (4.4%)	22 (2%)	35 (3.6%)
Total	260	269	226	227	1085	982

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

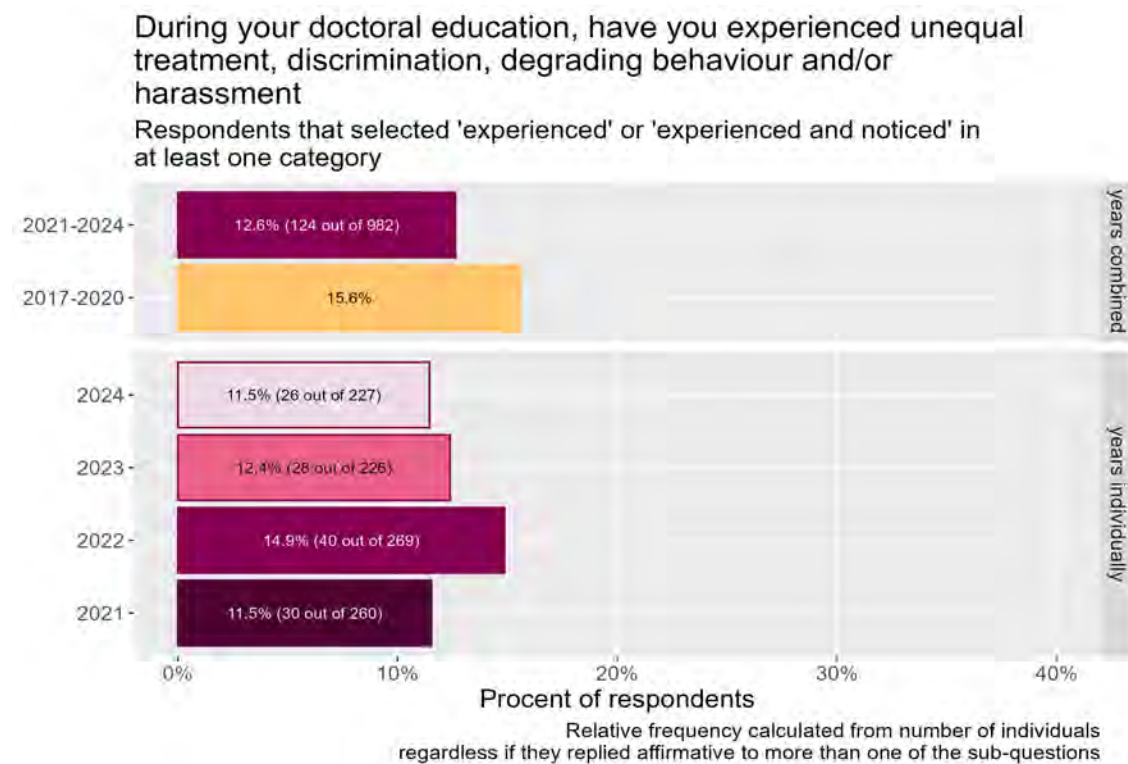


Table 36. During your doctoral education, have you experienced unequal treatment, discrimination, degrading behaviour and/or harassment

2021	2022	2023	2024	2017–2020	2021–2024
30 (11.5%)	40 (14.9%)	28 (12.4%)	26 (11.5%)	NA (15.6%)	124 (12.6%)

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

Respondents that selected 'experienced' or 'experienced and noticed'

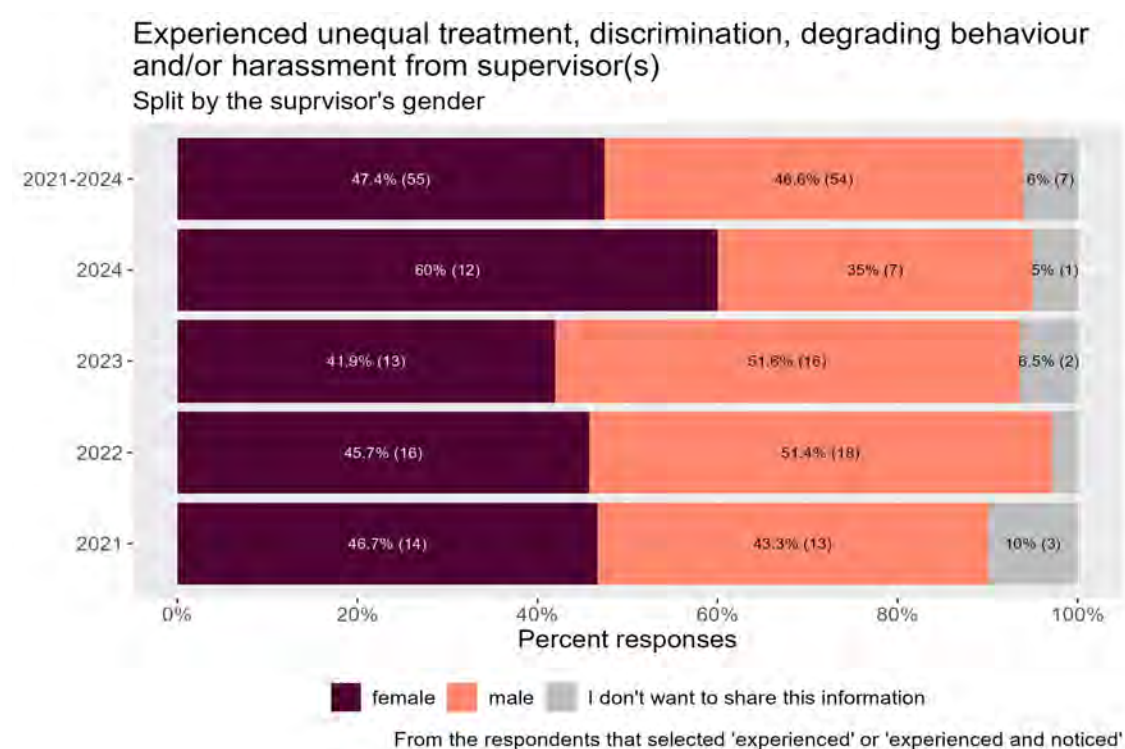


Tabel 38. During your doctoral education, have you experienced unequal treatment, discrimination, degrading behaviour and/or harassment.

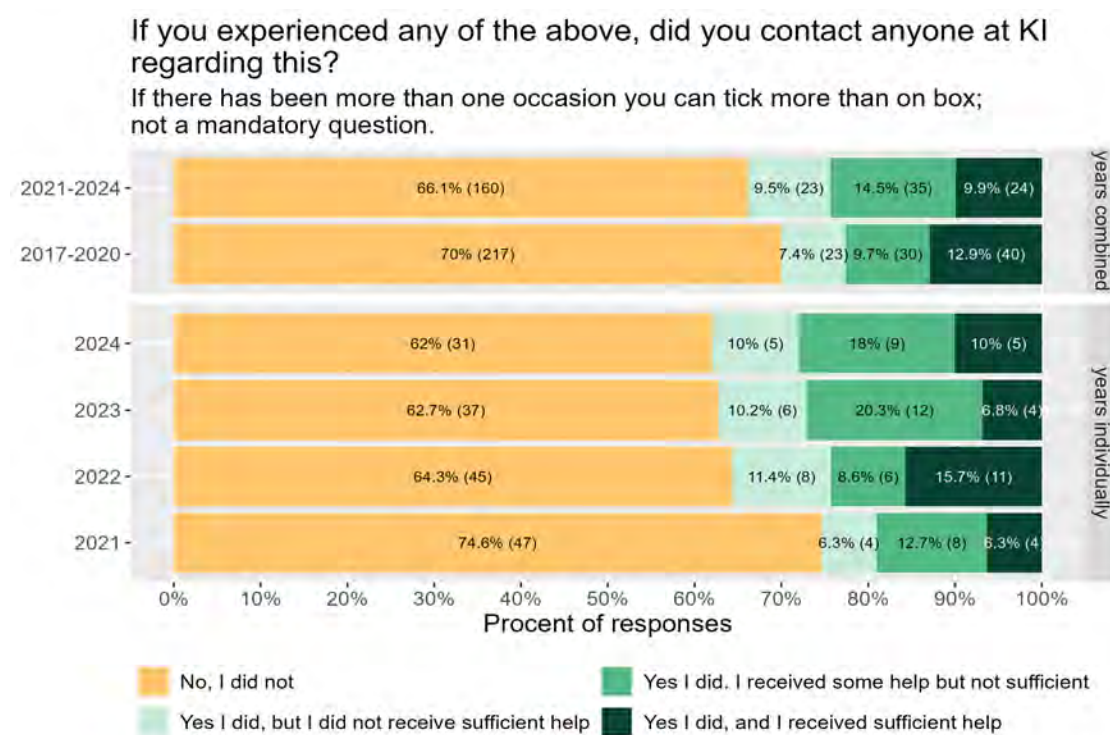
	2021	2022	2023	2024	2017– 2020	2021– 2024
due to ethnicity?	5 (1.9%)	9 (3.3%)	10 (4.4%)	10 (4.4%)	NA (4%)	34 (3.5%)
due to gender?	14 (5.4%)	24 (8.9%)	14 (6.2%)	10 (4.4%)	NA (7%)	62 (6.3%)
due to: disability OR beliefs OR transgender identity or expression OR sexual orientation OR age?	10 (3.8%)	9 (3.3%)	6 (2.7%)	13 (5.7%)	NA (6%)	38 (3.9%)
other?	11 (4.2%)	20 (7.4%)	11 (4.9%)	11 (4.8%)	NA (7%)	53 (5.4%)

**Table 39. By whom?**

	2021	2022	2023	2024	2017–2020	2021–2024
administrative staff	5 (6.5%)	5 (6.5%)	2 (2.4%)	6 (9.4%)	23 (5.3%)	18 (6%)
fellow PhD students	15 (19.5%)	6 (7.8%)	20 (23.8%)	15 (23.4%)	78 (17.8%)	56 (18.5%)
member of teaching staff	5 (6.5%)	7 (9.1%)	5 (6%)	3 (4.7%)	36 (8.2%)	20 (6.6%)
other categories of people	21 (27.3%)	23 (29.9%)	23 (27.4%)	20 (31.2%)	116 (26.5%)	87 (28.8%)
supervisor(s)	30 (39%)	35 (45.5%)	31 (36.9%)	20 (31.2%)	174 (39.7%)	116 (38.4%)
undergraduate students	1 (1.3%)	1 (1.3%)	3 (3.6%)		11 (2.5%)	5 (1.7%)
Total	77	77	84	64	438	302

By whom?**Supervisor gender among those responding” by supervisor”:****Table 40. By whom? Supervisor gender.**

	2021	2022	2023	2024	2021-2024
female	14 (46.7%)	16 (45.7%)	13 (41.9%)	12 (60%)	55 (47.4%)
male	13 (43.3%)	18 (51.4%)	16 (51.6%)	7 (35%)	54 (46.6%)
I don't want to share this information	3 (10%)	1 (2.9%)	2 (6.5%)	1 (5%)	7 (6%)
Total	30	35	31	20	116

**Table 41. Did you contact someone?**

	2021	2022	2023	2024	2021-2024
No, I did not	47 (74.6%)	45 (64.3%)	37 (62.7%)	31 (62%)	160 (66.1%)
Yes I did, but I did not receive sufficient help	4 (6.3%)	8 (11.4%)	6 (10.2%)	5 (10%)	23 (9.5%)
Yes I did. I received some help but not sufficient	8 (12.7%)	6 (8.6%)	12 (20.3%)	9 (18%)	35 (14.5%)
Yes I did, and I received sufficient help	4 (6.3%)	11 (15.7%)	4 (6.8%)	5 (10%)	24 (9.9%)
Total	63	70	59	50	242

Background information

Educational background before you began your doctoral education

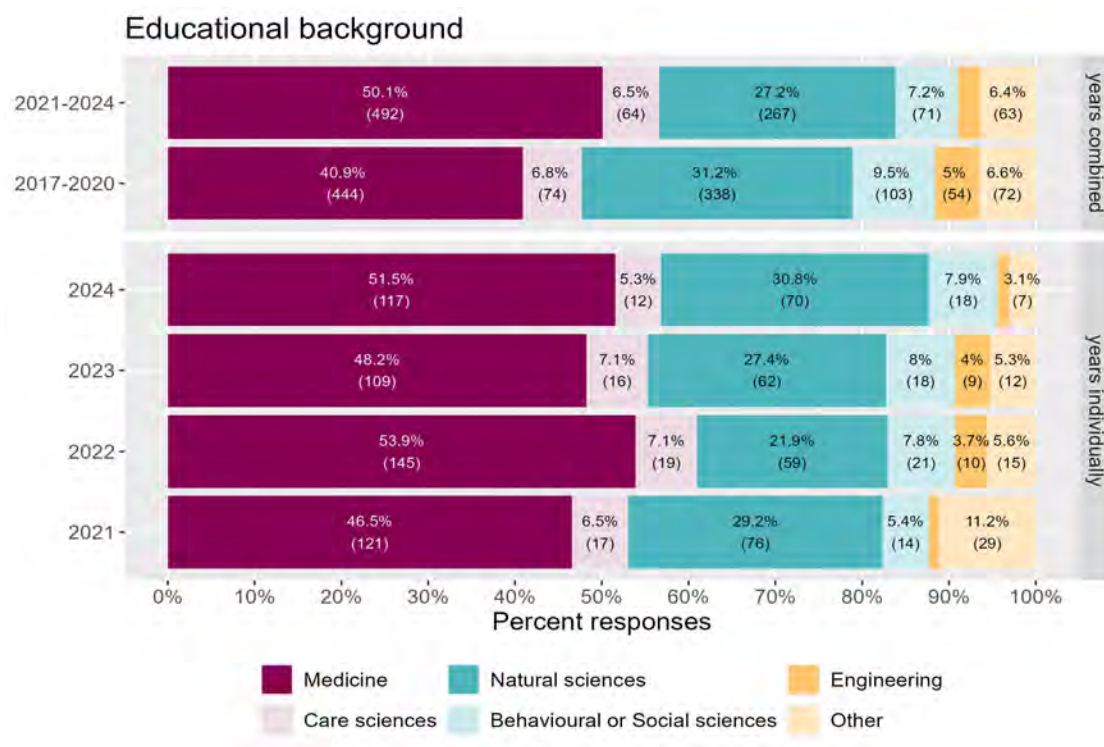


Table 42. Educational background before you began your doctoral education.

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
Medicine	121 (46.5%)	145 (53.9%)	109 (48.2%)	117 (51.5%)	444 (40.9%)	492 (50.1%)
Care sciences	17 (6.5%)	19 (7.1%)	16 (7.1%)	12 (5.3%)	74 (6.8%)	64 (6.5%)
Natural sciences	76 (29.2%)	59 (21.9%)	62 (27.4%)	70 (30.8%)	338 (31.2%)	267 (27.2%)
Behavioural or Social sciences	14 (5.4%)	21 (7.8%)	18 (8%)	18 (7.9%)	103 (9.5%)	71 (7.2%)
Engineering	3 (1.2%)	10 (3.7%)	9 (4%)	3 (1.3%)	54 (5%)	25 (2.5%)
Other	29 (11.2%)	15 (5.6%)	12 (5.3%)	7 (3.1%)	72 (6.6%)	63 (6.4%)
Total	260	269	226	227	1085	982

Educational background

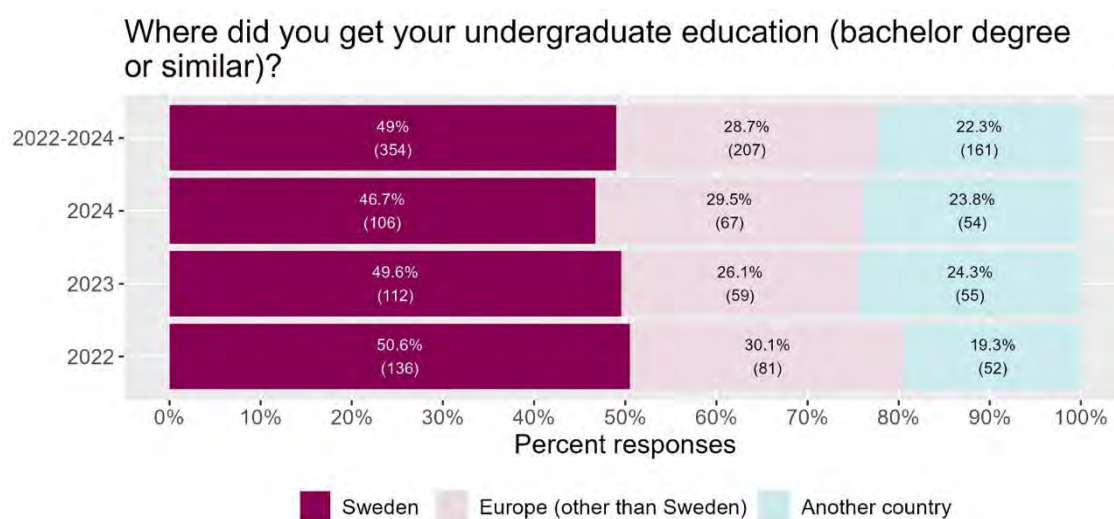


Table 43. Educational background

Response	Number of respondents (%)			
	2022	2023	2024	2022-2024
Sweden	136 (50.6%)	112 (49.6%)	106 (46.7%)	354 (49%)
Europe (other than Sweden)	81 (30.1%)	59 (26.1%)	67 (29.5%)	207 (28.7%)
Another country	52 (19.3%)	55 (24.3%)	54 (23.8%)	161 (22.3%)
Total	269	226	227	722

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

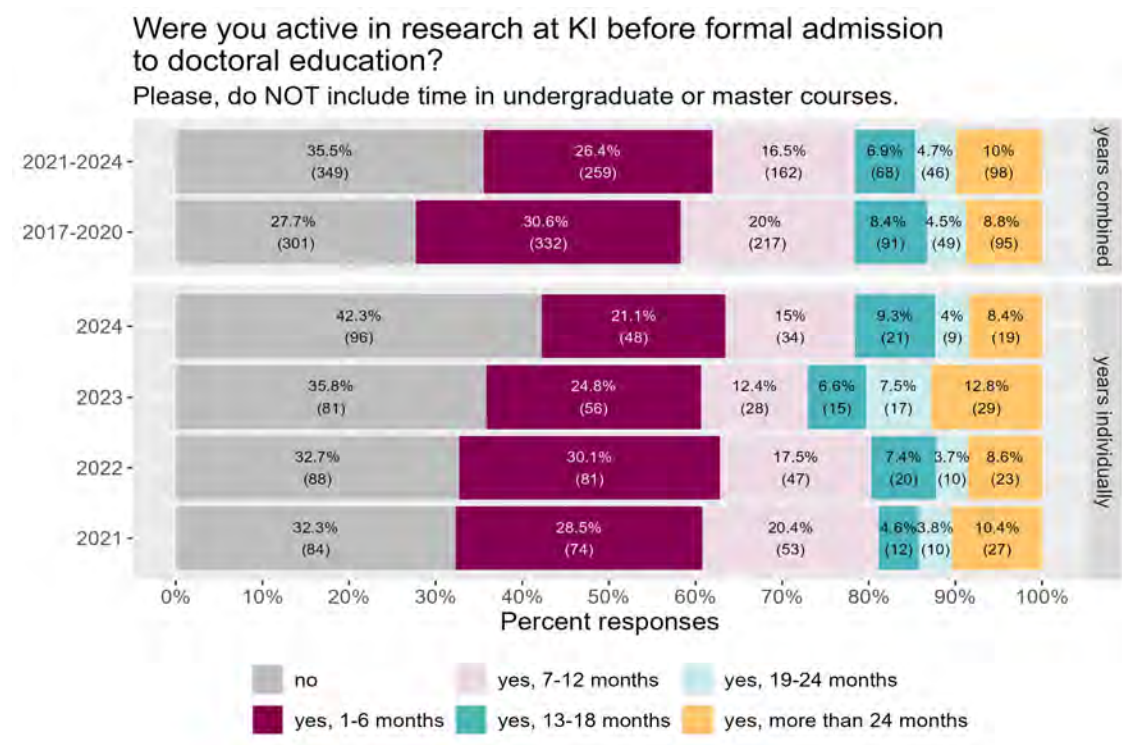


Table 44. Were you active in research at KI before formal admission to doctoral education?

Response	Number of respondents (%)					
	2021	2022	2023	2024	2017–2020	2021–2024
no	84 (32.3%)	88 (32.7%)	81 (35.8%)	96 (42.3%)	301 (27.7%)	349 (35.5%)
yes, 1-6 months	74 (28.5%)	81 (30.1%)	56 (24.8%)	48 (21.1%)	332 (30.6%)	259 (26.4%)
yes, 7-12 months	53 (20.4%)	47 (17.5%)	28 (12.4%)	34 (15%)	217 (20%)	162 (16.5%)
yes, 13-18 months	12 (4.6%)	20 (7.4%)	15 (6.6%)	21 (9.3%)	91 (8.4%)	68 (6.9%)
yes, 19-24 months	10 (3.8%)	10 (3.7%)	17 (7.5%)	9 (4%)	49 (4.5%)	46 (4.7%)
yes, more than 24 months	27 (10.4%)	23 (8.6%)	29 (12.8%)	19 (8.4%)	95 (8.8%)	98 (10%)
Total	260	269	226	227	1085	982

Under which circumstances were you active in research before admission?

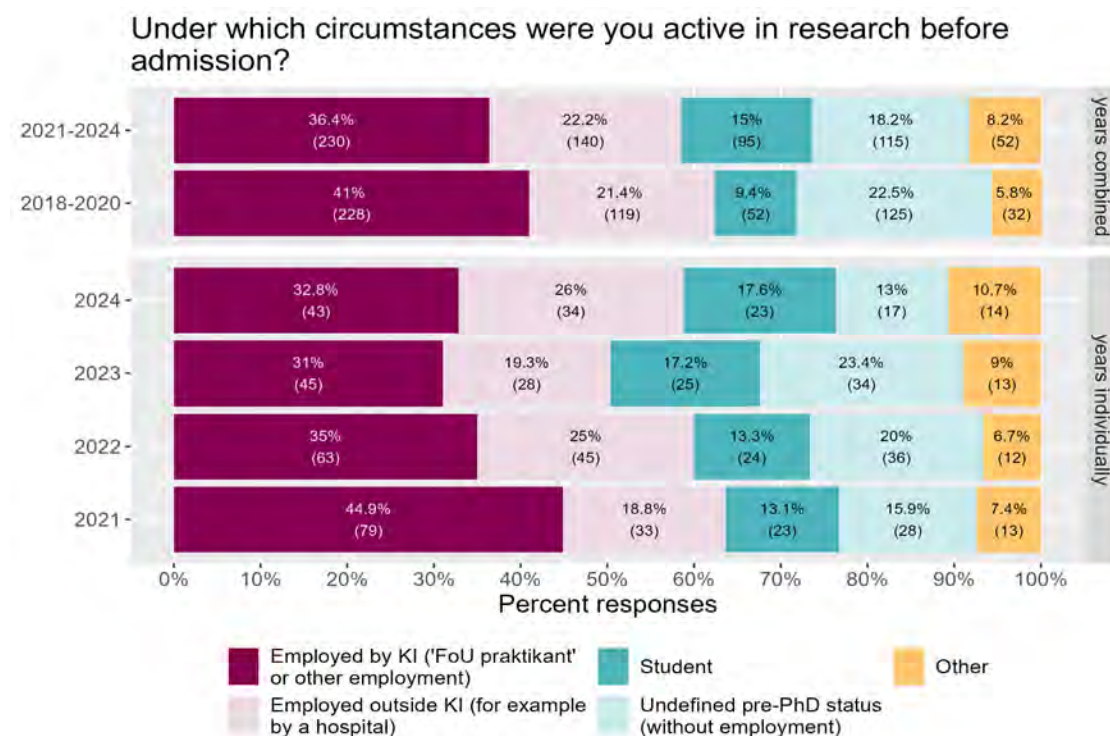
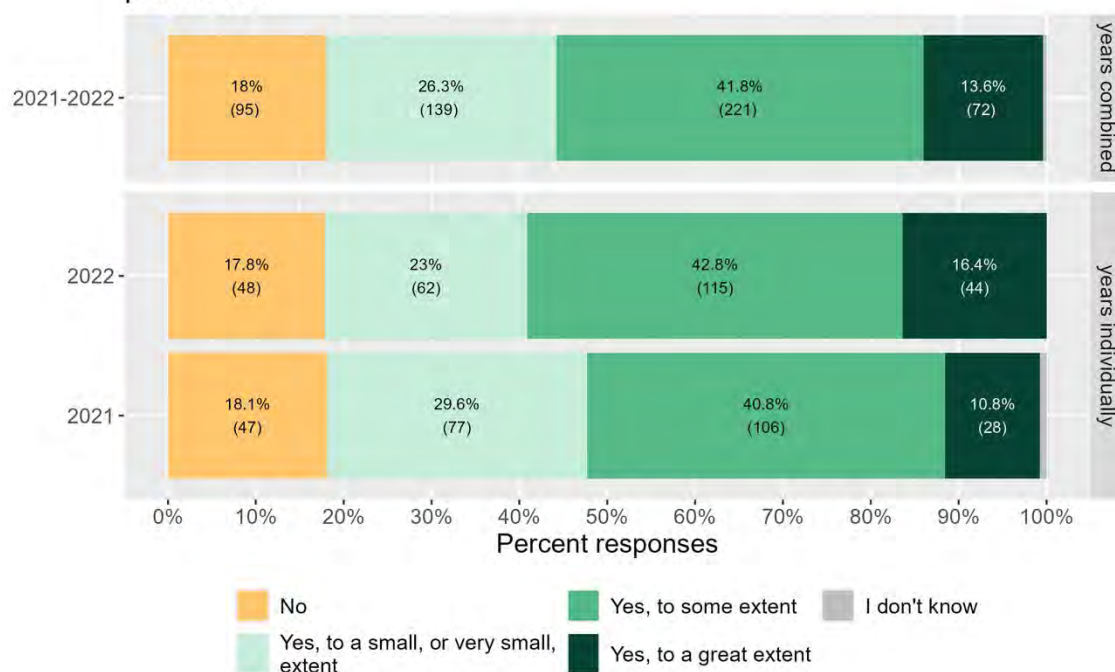


Table 45. Under which circumstances were you active in research before admission?

Response	Number of respondents (%)					
	2021	2022	2023	2024	2018–2020	2021–2024
Employed by KI ('FoU praktiktant' or other employment)	79 (44.9%)	63 (35%)	45 (31%)	43 (32.8%)	228 (41%)	230 (36.4%)
Employed outside KI (for example by a hospital)	33 (18.8%)	45 (25%)	28 (19.3%)	34 (26%)	119 (21.4%)	140 (22.2%)
Student	23 (13.1%)	24 (13.3%)	25 (17.2%)	23 (17.6%)	52 (9.4%)	95 (15%)
Undefined pre-PhD status (without employment)	28 (15.9%)	36 (20%)	34 (23.4%)	17 (13%)	125 (22.5%)	115 (18.2%)
Other	13 (7.4%)	12 (6.7%)	13 (9%)	14 (10.7%)	32 (5.8%)	52 (8.2%)
Total of active students	176	180	145	131	556	632

Affected by pandemic?

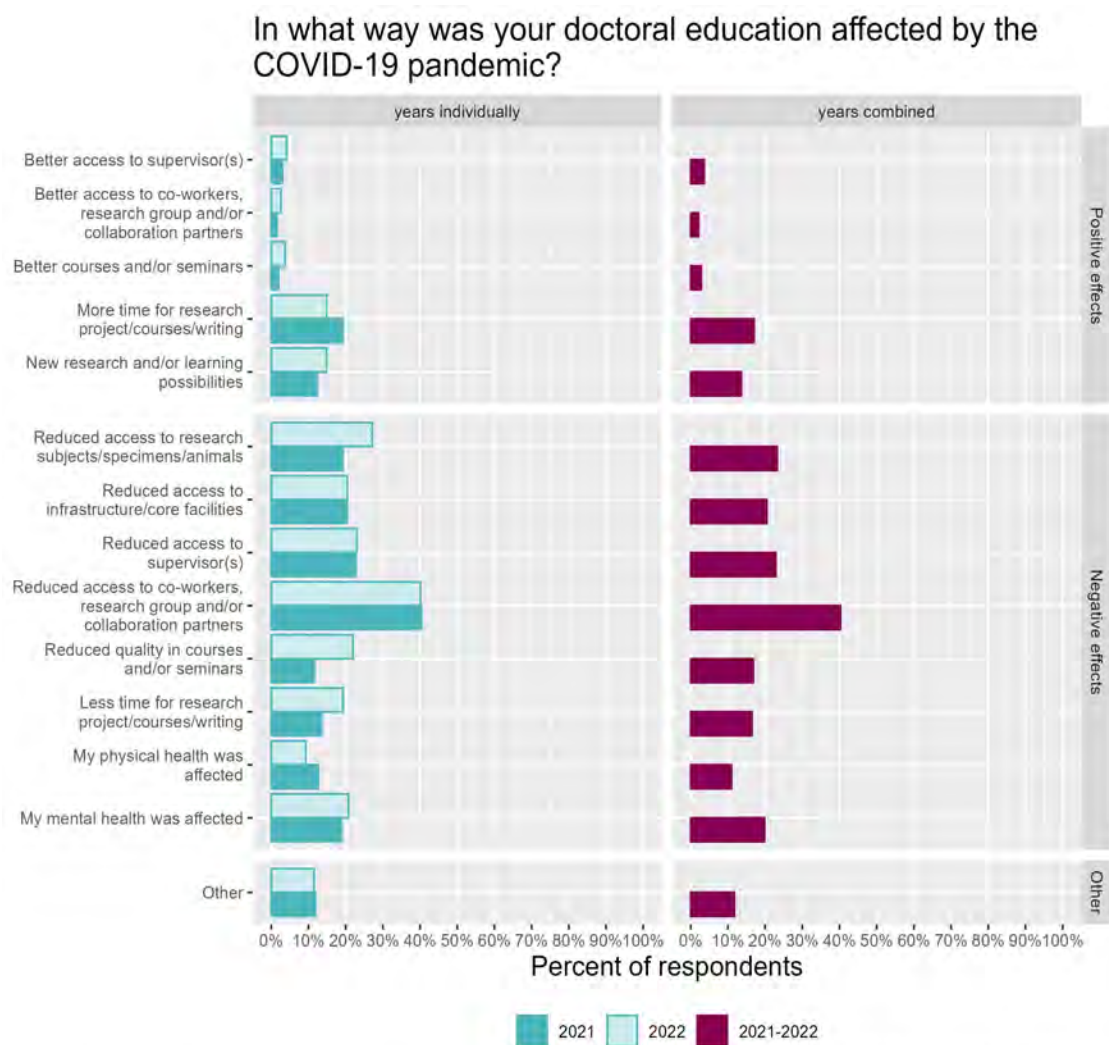
Was your doctoral education (research project, course work, learning activities, supervision) affected by the COVID-19 pandemic?

**Table 46. Affected by pandemic?**

Response	Number of respondents (%)		
	2021	2022	2021-2022
No	47 (18.1%)	48 (17.8%)	95 (18%)
Yes, to a small, or very small, extent	77 (29.6%)	62 (23%)	139 (26.3%)
Yes, to some extent	106 (40.8%)	115 (42.8%)	221 (41.8%)
Yes, to a great extent	28 (10.8%)	44 (16.4%)	72 (13.6%)
I don't know	2 (0.8%)		2 (0.4%)
Total	260	269	529

How were you affected?

Percent calculated as percent respondents that chose that option (multiple choice)



Multiple choice question
 Percent measured as proportion of respondents that chose particular option out of all respondents that replied 'yes'

Table 47. In what way?

	Number of respondents (%)					
	2021		2022		2021–2022	
	Max	N (%)	Max	N (%)	Max	N (%)
Better access to supervisor(s)	260	8 (3.1%)	269	11 (4.1%)	529	19 (3.6%)
Better access to co-workers, research group and/or collaboration partners	260	4 (1.5%)	269	7 (2.6%)	529	11 (2.1%)
Better courses and/or seminars	260	5 (1.9%)	269	10 (3.7%)	529	15 (2.8%)
More time for research project/courses/writing	260	50 (19.2%)	269	40 (14.9%)	529	90 (17%)
New research and/or learning possibilities	260	32 (12.3%)	269	40 (14.9%)	529	72 (13.6%)
Reduced access to research subjects/specimens/animals	260	50 (19.2%)	269	73 (27.1%)	529	123 (23.3%)
Reduced access to infrastructure/core facilities	260	53 (20.4%)	269	55 (20.4%)	529	108 (20.4%)
Reduced access to supervisor(s)	260	59 (22.7%)	269	62 (23%)	529	121 (22.9%)
Reduced access to co-workers, research group and/or collaboration partners	260	105 (40.4%)	269	108 (40.1%)	529	213 (40.3%)
Reduced quality in courses and/or seminars	260	30 (11.5%)	269	59 (21.9%)	529	89 (16.8%)
Less time for research project/courses/writing	260	35 (13.5%)	269	52 (19.3%)	529	87 (16.4%)
My physical health was affected	260	33 (12.7%)	269	25 (9.3%)	529	58 (11%)
My mental health was affected	260	49 (18.8%)	269	56 (20.8%)	529	105 (19.8%)
Other	260	31 (11.9%)	269	31 (11.5%)	529	62 (11.7%)
Total		544		629		1173

Sustainability discussed?

In your opinion, were issues related to sustainable development discussed during your doctoral studies?

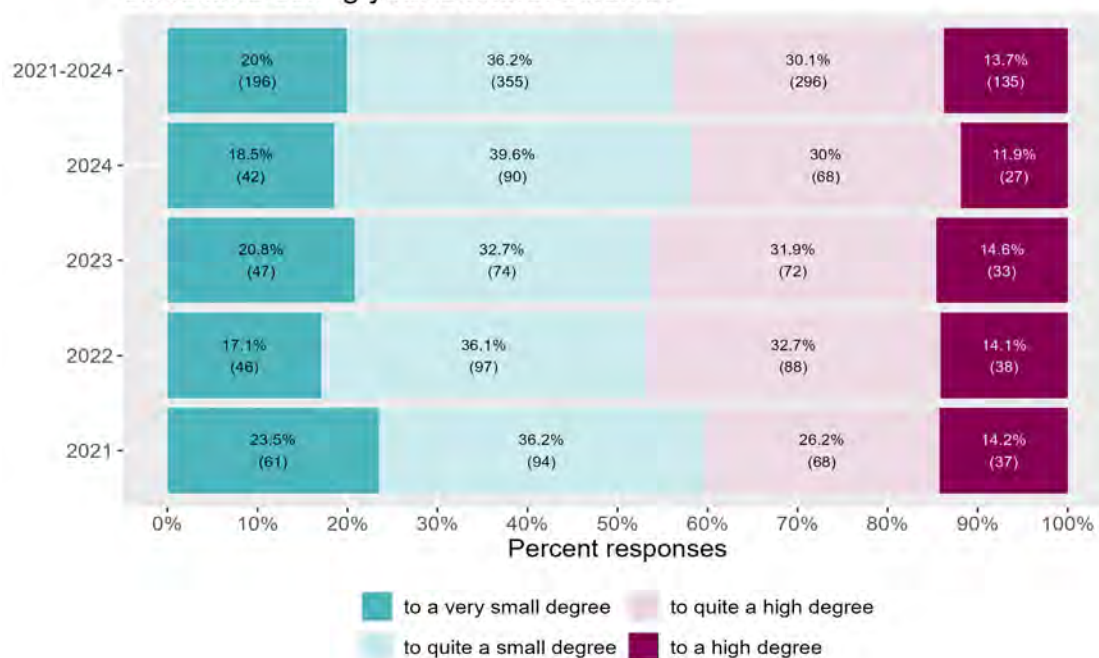


Table 48. Sustainability discussed?

Response	Number of responses (%)				
	2021	2022	2023	2024	2021–2024
to a very small degree	61 (23.5%)	46 (17.1%)	47 (20.8%)	42 (18.5%)	196 (20%)
to quite a small degree	94 (36.2%)	97 (36.1%)	74 (32.7%)	90 (39.6%)	355 (36.2%)
to quite a high degree	68 (26.2%)	88 (32.7%)	72 (31.9%)	68 (30%)	296 (30.1%)
to a high degree	37 (14.2%)	38 (14.1%)	33 (14.6%)	27 (11.9%)	135 (13.7%)
Total	260	269	226	227	982

Outcomes

“For each of the doctoral education outcomes (*examensmål*), please indicate to what extent, in your opinion, the outcome has been achieved.”

A1. Broad knowledge and systematic understanding of the research field as well as deep and current specialist knowledge in a particular aspect of this field

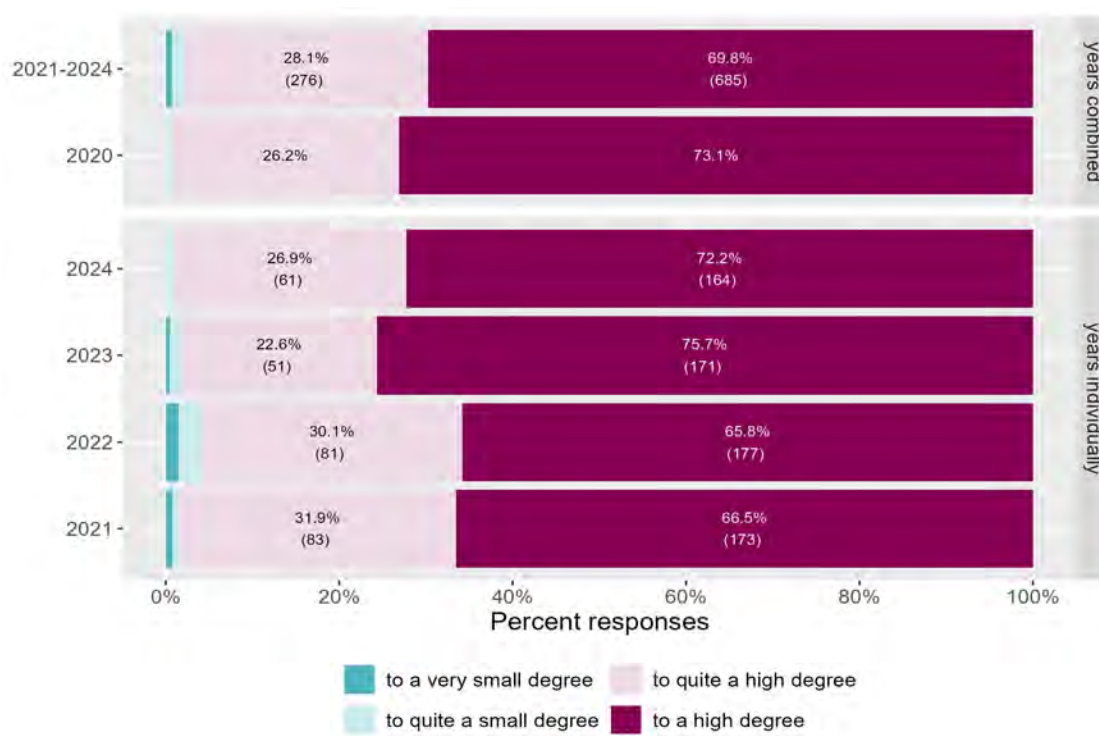


Table 49. A1 Broad knowledge and systematic understanding of the research field as well as deep and current specialist knowledge in a particular aspect of this field

Response	Number of responses (%)					
	2021	2022	2023	2024	2020	2021–2024
to a very small degree	2 (0.8%)	4 (1.5%)	1 (0.4%)		NA (0%)	7 (0.7%)
to quite a small degree	2 (0.8%)	7 (2.6%)	3 (1.3%)	2 (0.9%)	NA (0.7%)	14 (1.4%)
to quite a high degree	83 (31.9%)	81 (30.1%)	51 (22.6%)	61 (26.9%)	NA (26.2%)	276 (28.1%)
to a high degree	173 (66.5%)	177 (65.8%)	171 (75.7%)	164 (72.2%)	NA (73.1%)	685 (69.8%)
Total	520	538	452	454	0	1964

A2. Familiarity with scientific methodology in general and with the methods of the specific field of research in particular

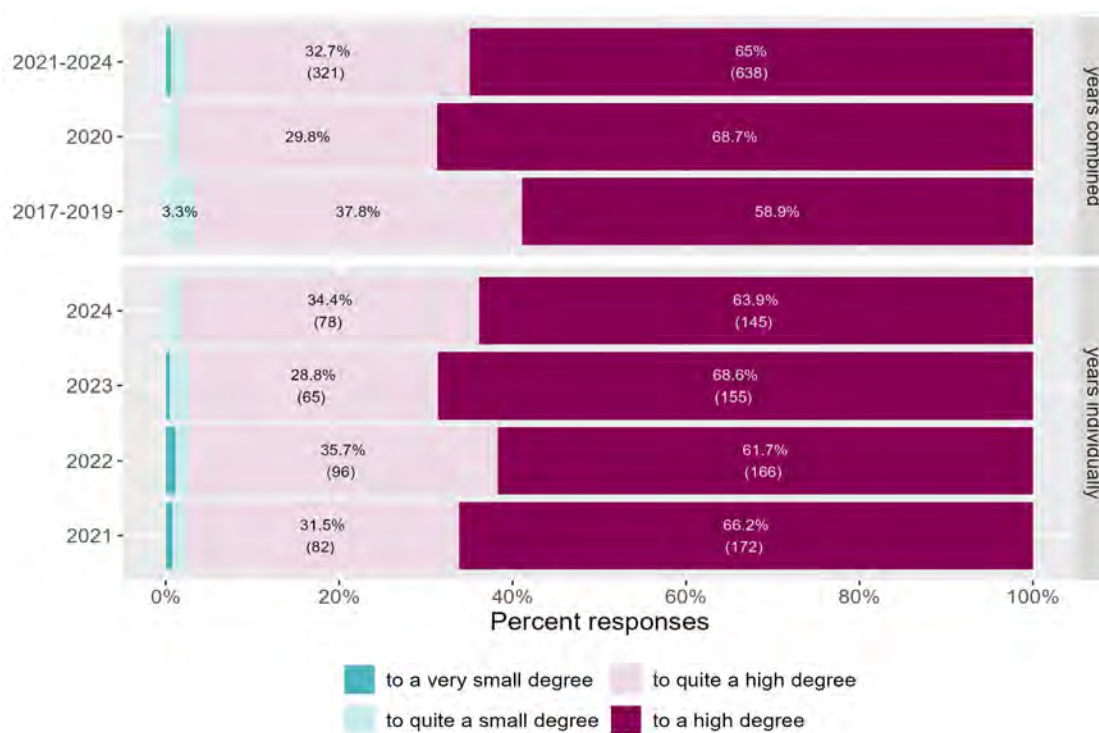


Table 50. A2 Familiarity with scientific methodology in general and with the methods of the specific field of research in particular

Response	Number of responses (%)						
	2021	2022	2023	2024	2017–2019	2020	2021–2024
to a very small degree	2 (0.8%)	3 (1.1%)	1 (0.4%)		NA (0%)	NA (0%)	6 (0.6%)
to quite a small degree	4 (1.5%)	4 (1.5%)	5 (2.2%)	4 (1.8%)	NA (3.3%)	NA (1.5%)	17 (1.7%)
to quite a high degree	82 (31.5%)	96 (35.7%)	65 (28.8%)	78 (34.4%)	NA (37.8%)	NA (29.8%)	321 (32.7%)
to a high degree	172 (66.2%)	166 (61.7%)	155 (68.6%)	145 (63.9%)	NA (58.9%)	NA (68.7%)	638 (65%)
Total	520	538	452	454	0	0	1964

B1. Capacity for scientific analysis and synthesis and the independent critical review and assessment of new and complex phenomena, issues and situations

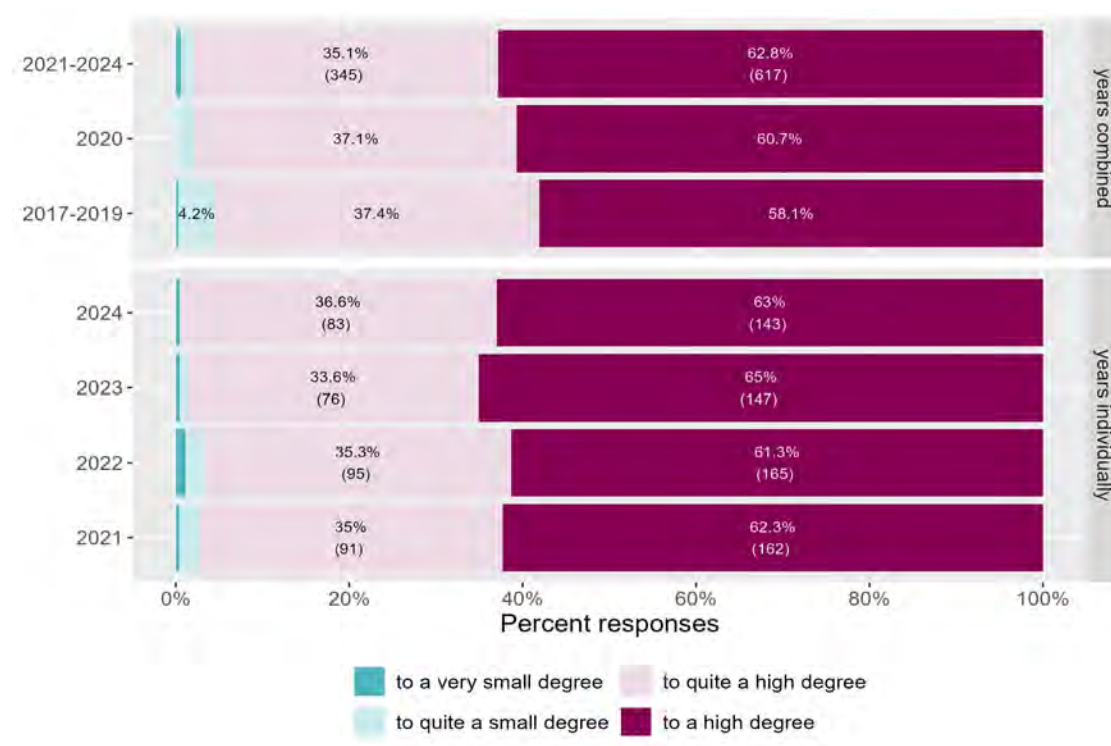


Table 51. B1 Capacity for scientific analysis and synthesis and the independent critical review and assessment of new and complex phenomena, issues and situations

Response	Number of responses (%)						
	2021	2022	2023	2024	2017–2019	2020	2021–2024
to a very small degree	1 (0.4%)	3 (1.1%)	1 (0.4%)	1 (0.4%)	NA (0.3%)	NA (0%)	6 (0.6%)
to quite a small degree	6 (2.3%)	6 (2.2%)	2 (0.9%)		NA (4.2%)	NA (2.2%)	14 (1.4%)
to quite a high degree	91 (35%)	95 (35.3%)	76 (33.6%)	83 (36.6%)	NA (37.4%)	NA (37.1%)	345 (35.1%)
to a high degree	162 (62.3%)	165 (61.3%)	147 (65%)	143 (63%)	NA (58.1%)	NA (60.7%)	617 (62.8%)
Total	520	538	452	454	0	0	1964

B2. Ability to identify and formulate research questions critically, independently, creatively and with scientific rigour (vetenskaplig noggrannhet), and to plan and conduct research and other advanced tasks using appropriate methods and within given time frames as well as to review and evaluate such work

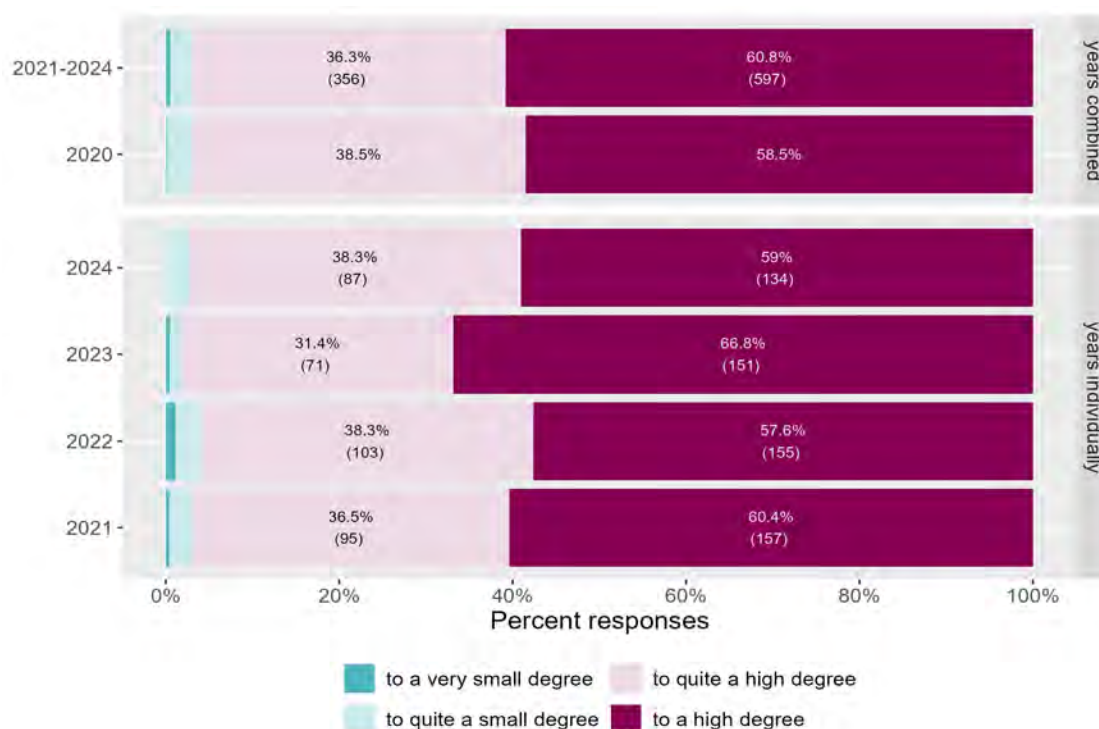


Table 52. B2 Ability to identify and formulate research questions critically, independently, creatively and with scientific rigour (vetenskaplig noggrannhet), and to plan and conduct research and other advanced tasks using appropriate methods and within given time frames as well as to review and evaluate such work

Response	Number of responses (%)					
	2021	2022	2023	2024	2020	2021-2024
to a very small degree	1 (0.4%)	3 (1.1%)	1 (0.4%)		NA (0.1%)	5 (0.5%)
to quite a small degree	7 (2.7%)	8 (3%)	3 (1.3%)	6 (2.6%)	NA (2.9%)	24 (2.4%)
to quite a high degree	95 (36.5%)	103 (38.3%)	71 (31.4%)	87 (38.3%)	NA (38.5%)	356 (36.3%)
to a high degree	157 (60.4%)	155 (57.6%)	151 (66.8%)	134 (59%)	NA (58.5%)	597 (60.8%)
Total	520	538	452	454	0	1964

B3. Ability to make a significant contribution to the development of knowledge through own research, demonstrated through the writing of a thesis

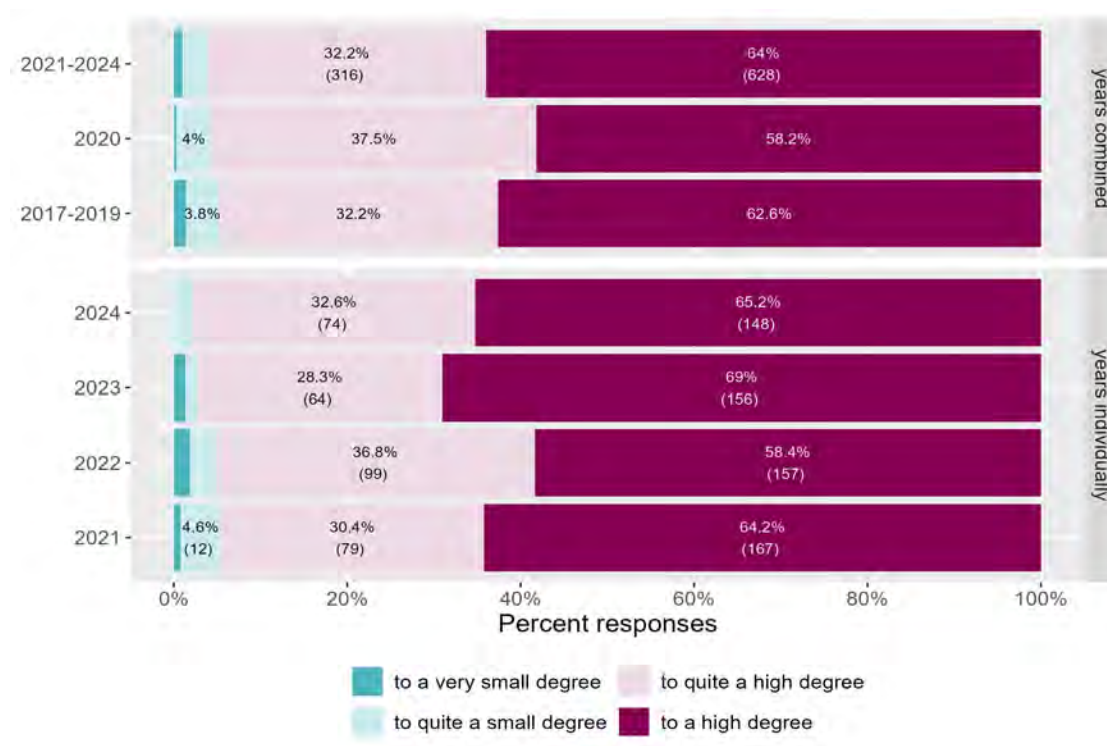


Table 53. B3 Ability to make a significant contribution to the development of knowledge through own research, demonstrated through the writing of a thesis

Response	Number of responses (%)						
	2021	2022	2023	2024	2017–2019	2020	2021–2024
to a very small degree	2 (0.8%)	5 (1.9%)	3 (1.3%)		NA (1.4%)	NA (0.3%)	10 (1%)
to quite a small degree	12 (4.6%)	8 (3%)	3 (1.3%)	5 (2.2%)	NA (3.8%)	NA (4%)	28 (2.9%)
to quite a high degree	79 (30.4%)	99 (36.8%)	64 (28.3%)	74 (32.6%)	NA (32.2%)	NA (37.5%)	316 (32.2%)
to a high degree	167 (64.2%)	157 (58.4%)	156 (69%)	148 (65.2%)	NA (62.6%)	NA (58.2%)	628 (64%)
Total	520	538	452	454	0	0	1964

B4. Ability to present and discuss research and research results, orally and in writing and with authority, both in national and international contexts and in dialogue with the scientific community and society in general”

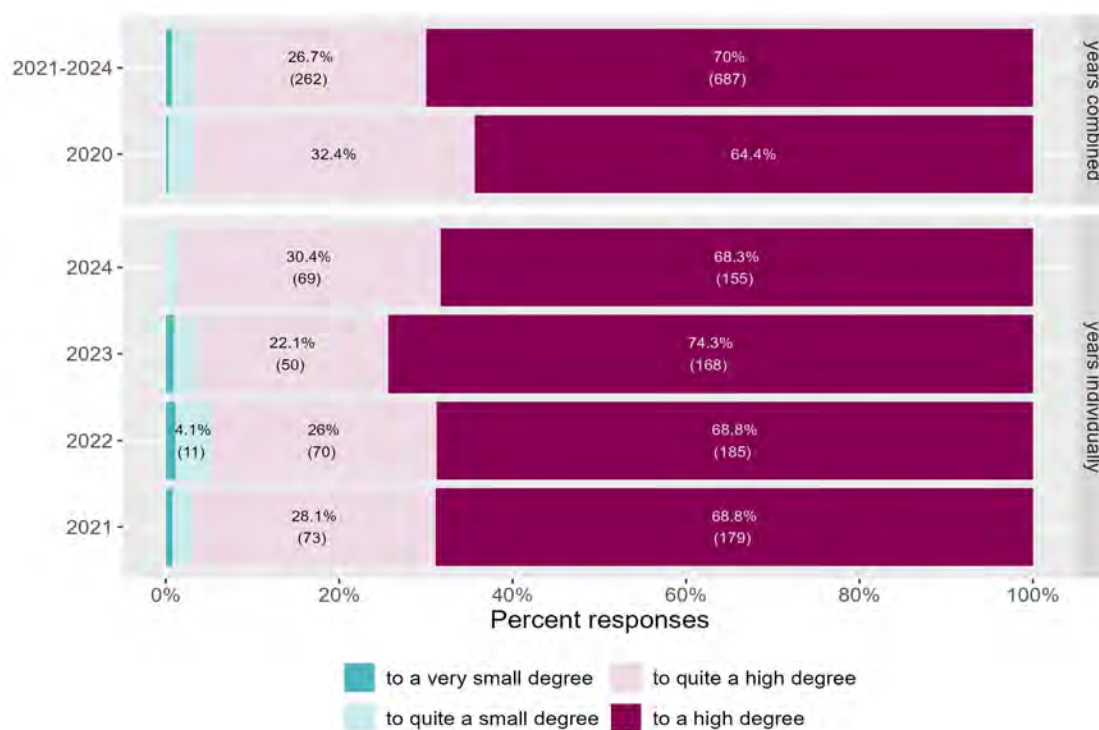
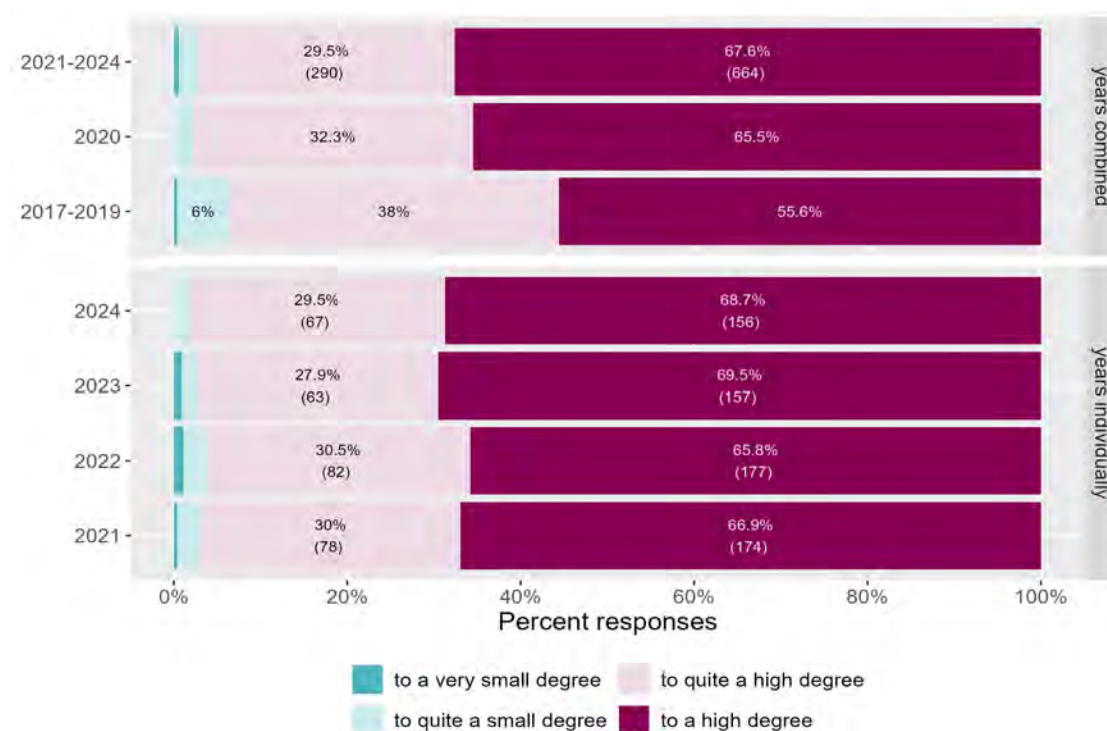


Table 54. B4 Ability to present and discuss research and research results, orally and in writing and with authority, both in national and international contexts and in dialogue with the scientific community and society in general

Response	Number of responses (%)					
	2021	2022	2023	2024	2020	2021-2024
to a very small degree	2 (0.8%)	3 (1.1%)	2 (0.9%)		NA (0.3%)	7 (0.7%)
to quite a small degree	6 (2.3%)	11 (4.1%)	6 (2.7%)	3 (1.3%)	NA (2.9%)	26 (2.6%)
to quite a high degree	73 (28.1%)	70 (26%)	50 (22.1%)	69 (30.4%)	NA (32.4%)	262 (26.7%)
to a high degree	179 (68.8%)	185 (68.8%)	168 (74.3%)	155 (68.3%)	NA (64.4%)	687 (70%)
Total	520	538	452	454	0	1964

B5. Ability to identify the need for further knowledge**Table 55. B5 Ability to identify the need for further knowledge**

Response	Number of responses (%)						
	2021	2022	2023	2024	2017–2019	2020	2021–2024
to a very small degree	1 (0.4%)	3 (1.1%)	2 (0.9%)		NA (0.4%)	NA (0%)	6 (0.6%)
to quite a small degree	7 (2.7%)	7 (2.6%)	4 (1.8%)	4 (1.8%)	NA (6%)	NA (2.2%)	22 (2.2%)
to quite a high degree	78 (30%)	82 (30.5%)	63 (27.9%)	67 (29.5%)	NA (38%)	NA (32.3%)	290 (29.5%)
to a high degree	174 (66.9%)	177 (65.8%)	157 (69.5%)	156 (68.7%)	NA (55.6%)	NA (65.5%)	664 (67.6%)
Total	520	538	452	454	0	0	1964

B6. Ability to contribute to the development of society and to support the learning of others in research, education and other advanced professional contexts

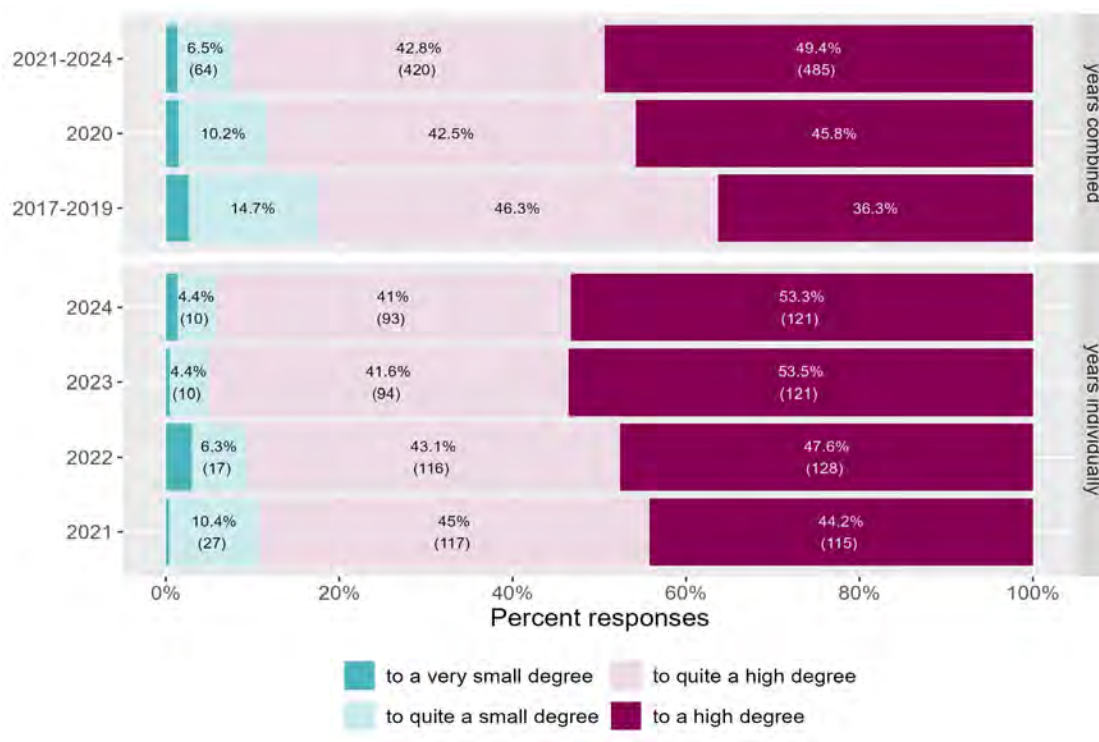


Table 56. B6 Ability to contribute to the development of society and to support the learning of others in research, education and other advanced professional contexts

Response	Number of responses (%)						
	2021	2022	2023	2024	2017–2019	2020	2021–2024
to a very small degree	1 (0.4%)	8 (3%)	1 (0.4%)	3 (1.3%)	NA (2.7%)	NA (1.5%)	13 (1.3%)
to quite a small degree	27 (10.4%)	17 (6.3%)	10 (4.4%)	10 (4.4%)	NA (14.7%)	NA (10.2%)	64 (6.5%)
to quite a high degree	117 (45%)	116 (43.1%)	94 (41.6%)	93 (41%)	NA (46.3%)	NA (42.5%)	420 (42.8%)
to a high degree	115 (44.2%)	128 (47.6%)	121 (53.5%)	121 (53.3%)	NA (36.3%)	NA (45.8%)	485 (49.4%)
Total	520	538	452	454	0	0	1964

C1. Intellectual independence and scientific integrity as well as an ability to make ethical judgements in research

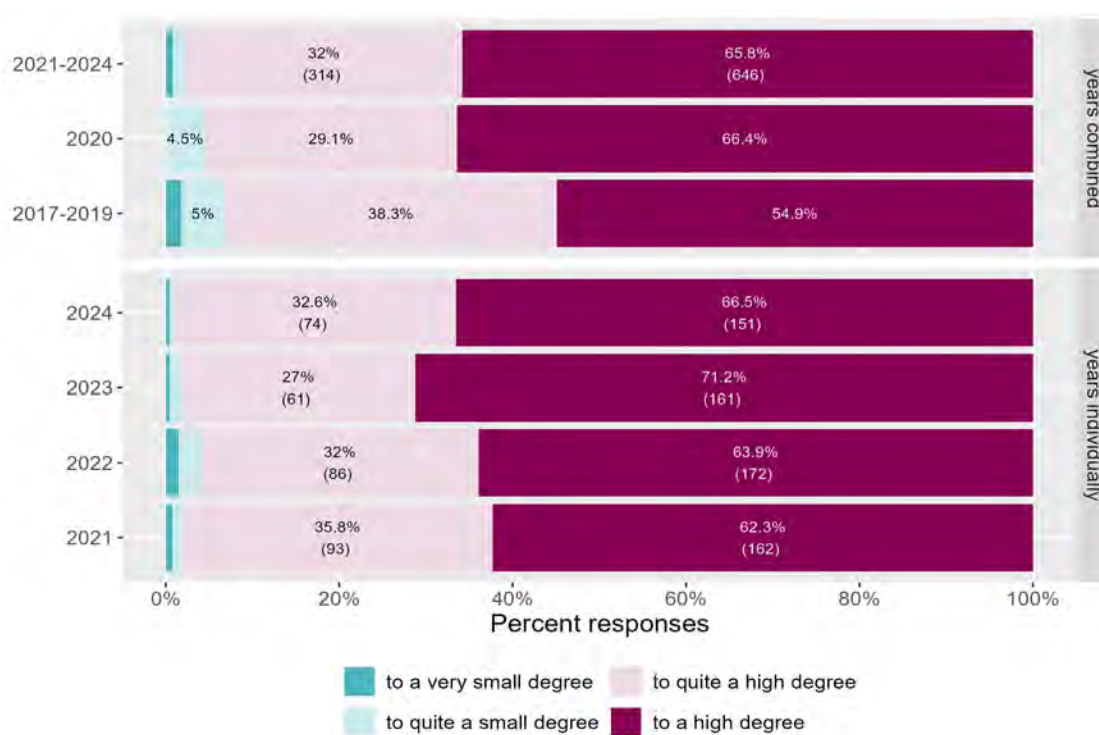


Table 57. C1 Intellectual independence and scientific integrity as well as an ability to make ethical judgements in research

Response	Number of responses (%)						
	2021	2022	2023	2024	2017–2019	2020	2021–2024
to a very small degree	2 (0.8%)	4 (1.5%)	1 (0.4%)	1 (0.4%)	NA (1.8%)	NA (0%)	8 (0.8%)
to quite a small degree	3 (1.2%)	7 (2.6%)	3 (1.3%)	1 (0.4%)	NA (5%)	NA (4.5%)	14 (1.4%)
to quite a high degree	93 (35.8%)	86 (32%)	61 (27%)	74 (32.6%)	NA (38.3%)	NA (29.1%)	314 (32%)
to a high degree	162 (62.3%)	172 (63.9%)	161 (71.2%)	151 (66.5%)	NA (54.9%)	NA (66.4%)	646 (65.8%)
Total	520	538	452	454	0	0	1964

C2. Deeper insight into the possibilities and limitations of science, its role in society and the responsibility of the individual in its application

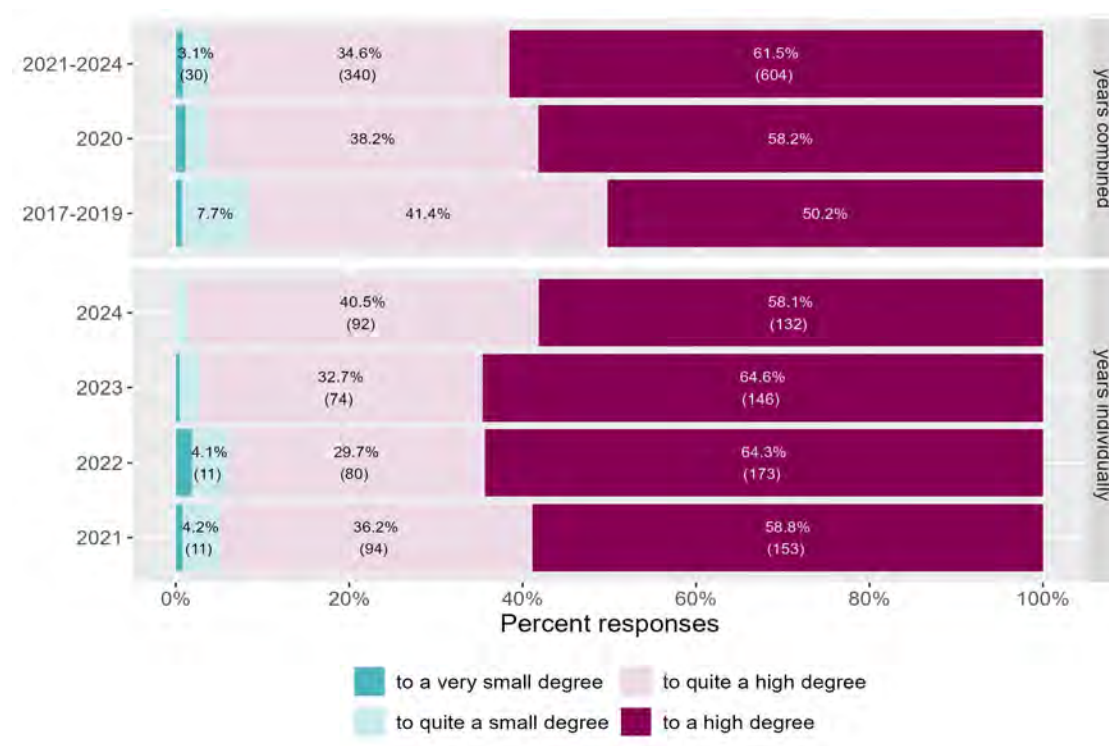


Table 58. C2 Deeper insight into the possibilities and limitations of science, its role in society and the responsibility of the individual in its application

Response	Number of responses (%)						
	2021	2022	2023	2024	2017–2019	2020	2021–2024
to a very small degree	2 (0.8%)	5 (1.9%)	1 (0.4%)		NA (0.7%)	NA (1.1%)	8 (0.8%)
to quite a small degree	11 (4.2%)	11 (4.1%)	5 (2.2%)	3 (1.3%)	NA (7.7%)	NA (2.5%)	30 (3.1%)
to quite a high degree	94 (36.2%)	80 (29.7%)	74 (32.7%)	92 (40.5%)	NA (41.4%)	NA (38.2%)	340 (34.6%)
to a high degree	153 (58.8%)	173 (64.3%)	146 (64.6%)	132 (58.1%)	NA (50.2%)	NA (58.2%)	604 (61.5%)
Total	520	538	452	454	0	0	1964

Aggregated outcomes (M, SD)

For each of the outcomes for doctoral degree (examensmål), please indicate to what extent, in your opinion, the outcome has been achieved. Aggregated scores (mean and SD)

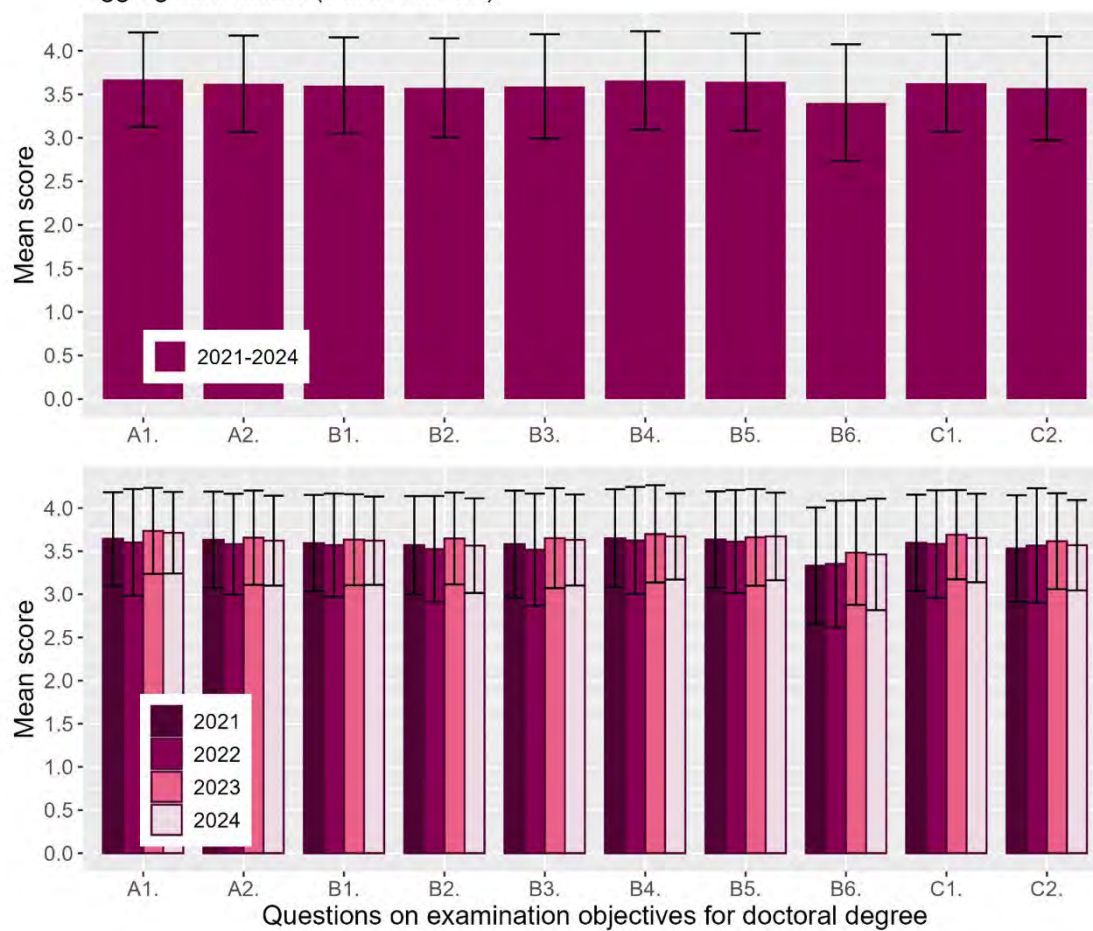


Table 59. Aggregated scores, mean (M) and standard deviation (SD).

Outcome	2021		2022		2023		2024		2020		2021–2024	
	M	SD	M	SD	M	SD	M	SD	M	SD	M	SD
A1.	3.64	0.54	3.60	0.62	3.73	0.50	3.71	0.47	3.70		3.67	0.54
A2.	3.63	0.56	3.58	0.58	3.65	0.55	3.62	0.52	3.70		3.62	0.55
B1.	3.59	0.56	3.57	0.60	3.63	0.53	3.62	0.51	3.60		3.60	0.55
B2.	3.57	0.57	3.52	0.61	3.65	0.53	3.56	0.55	3.60		3.57	0.57
B3.	3.58	0.62	3.52	0.65	3.65	0.58	3.63	0.53	3.50		3.59	0.60
B4.	3.65	0.57	3.62	0.62	3.70	0.56	3.67	0.50	3.60		3.66	0.57
B5.	3.63	0.56	3.61	0.60	3.66	0.56	3.67	0.51	3.60		3.64	0.56
B6.	3.33	0.67	3.35	0.73	3.48	0.61	3.46	0.65	3.30		3.40	0.67
C1.	3.60	0.56	3.58	0.62	3.69	0.52	3.65	0.51	3.60		3.63	0.56
C2.	3.53	0.62	3.57	0.66	3.62	0.56	3.57	0.52	3.50		3.57	0.60

Why not?

Why did you reply that not all degree outcomes were achieved?
(If more than one answer below is correct, choose the most significant answer)

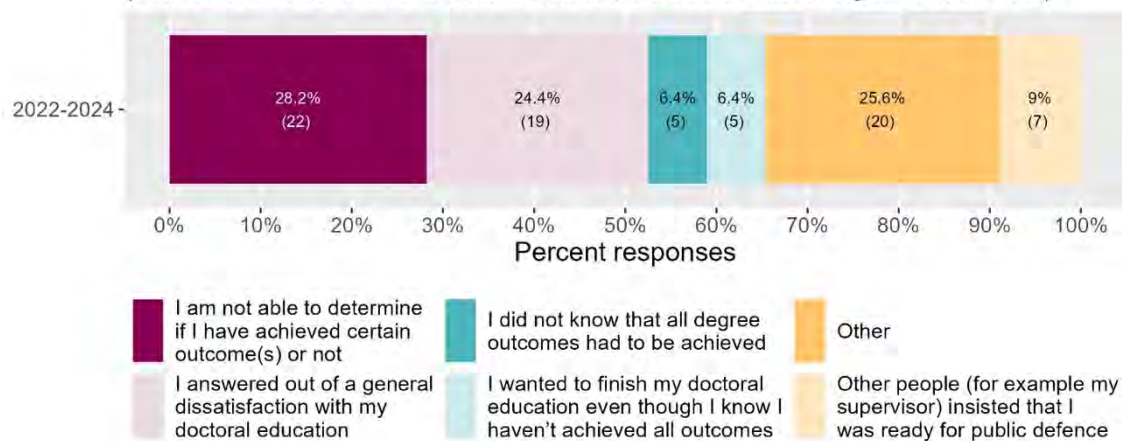


Table 60. Why not?

Response	Number of respondents (%)			
	2022	2023	2024	2022-2024
I am not able to determine if I have achieved certain outcome(s) or not	5 (12.8%)	6 (31.6%)	11 (55%)	22 (28.2%)
I answered out of a general dissatisfaction with my doctoral education	14 (35.9%)	2 (10.5%)	3 (15%)	19 (24.4%)
I did not know that all degree outcomes had to be achieved	4 (10.3%)		1 (5%)	5 (6.4%)
I wanted to finish my doctoral education even though I know I haven't achieved all outcomes	3 (7.7%)	1 (5.3%)	1 (5%)	5 (6.4%)
Other	9 (23.1%)	8 (42.1%)	3 (15%)	20 (25.6%)
Other people (for example my supervisor) insisted that I was ready for public defence	4 (10.3%)	2 (10.5%)	1 (5%)	7 (9%)
Total	39	19	20	78