



# Compilation of Completed Course Evaluations for Doctoral Courses – Annual Report 2024

Unit of Teaching and Learning (UoL), 12 February 2025

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**Karolinska  
Institutet**



## Compilation of Completed Course Evaluations for Doctoral Courses – Annual Report 2024

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## Summary

The Course and Programme Committee (KPK) at Karolinska Institutet (KI) tasked the Unit of Teaching and Learning (TL)<sup>1</sup> to administer, collect and compile the results for all doctoral courses for the year 2024 (spring semester VT24 & autumn semester HT24).

For 2024, KPK provided UoL with lists of 275 courses (those advertised via the course catalogue<sup>2</sup> and those provided via the Research Schools). Of these, 243 were included in the 2024 analysis presented in this report (190 were Freestanding<sup>3</sup>/Doctoral programme courses<sup>4</sup> and 53 were Research Schools courses). Of the 32 courses that were not included in the analysis all were Freestanding/Doctoral programme courses. The reason was either cancelled courses (eleven cancelled courses for spring semester 2024, VT24 and seven for autumn semester 2024, HT24, courses with few participants, courses with few answers<sup>5</sup> or participant list missing).

The mean response rate for all doctoral courses evaluated in 2024 was 71 percent (71 percent in 2023), with Freestanding courses having a mean response rate of 65 percent, Programme courses 74 percent and courses within Research Schools having a mean response rate of 72 percent. The course evaluation survey used in 2024 consisted of 18 questions, with questions 1–15 formulated as statements and 16–18 formulated as questions.

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<sup>1</sup> Enheten för Undervisning och Lärande (UoL) in Swedish

<sup>2</sup> Including courses given within the doctoral programmes and freestanding courses.

<sup>3</sup> Mainly mandatory courses according to the general syllabus with financing from the Course and Programme Committee.

<sup>4</sup> Freestanding and Programme courses are both advertised via Course Catalogue

<sup>5</sup> There is a block at KI Survey for surveys with fewer than five participants to ensure anonymity.

## Introduction

The Unit of Teaching and Learning (TL) has been assigned by the Course and Programme Committee (KPK) at KI to handle, collect and compile results from course evaluations for all doctoral courses.

## Background and aim

### **The course evaluation process for doctoral education**

All doctoral courses at KI are evaluated electronically by the evaluation team at the Unit of Teaching and Learning (TL), at the request of the Course and Programme Committee (KPK).

The course evaluations are sent out electronically using KI's survey platform, KI Survey. The evaluations include an established set of questions presented below. The evaluation team at TL has been given the assignment to carry out the course evaluations (sending out the questionnaires and compiling the answers). The assignment requires cooperation with course providers that send their current participant lists to the evaluation team.

The evaluation team is tasked with providing consultations on potential additional questions and preparing evaluation reports for course providers and the Course and Programme Committee (KPK). Additionally, the team is responsible for creating an annual summary report of course evaluations to track the courses' development over time.

When contacting the evaluation team<sup>6</sup> regarding a course, the course providers should include the course number and semester in the subject line (e.g. "1234 VT24"), where VT stands for spring semester and HT for autumn semester.

### **Course-specific questions**

The survey's 18 questions are designed to measure aspects of student-perceived quality. There is the possibility for the course providers to add their own course-specific questions to the survey. We recommend a maximum of seven additional

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<sup>6</sup> [evaluation@ki.se](mailto:evaluation@ki.se)

questions so that the survey does not exceed a total of 25.<sup>7</sup> If the course provider wishes to add additional questions to the survey, they can send their suggested questions, including response options/scale, **no later than 14 days before the course end date** to the Evaluation Team, TL. Ideally, the questions should be aligned with the standard response scale used for mandatory questions: *to a very small extent, to a small extent, to some extent, to a large extent, to a very large extent*. If the course provider needs assistance in drafting course-specific questions, they can contact the Evaluation Team **no later than 21 days before the course end date**. Meeting these deadlines ensures that the questions can be properly reviewed and integrated into the survey.

There is one general template in KI Survey used for all evaluations for doctoral courses at KI. The template has two versions, either English (default) or Swedish. Each time a course evaluation is created, we choose the language of the evaluation to match the language in which the course has been given. The respondents have the possibility to change the language of the questionnaire if they wish.

### **Documentation needed for sending out course evaluations**

A participant list is to be sent to the [evaluation team](#) no later than the day after course start, as follows:

- A list in Excel with the email addresses to the course participants. Each address should be placed in a separate cell.
- The file should be named with course number, semester (VT for spring and HT for autumn) and, if applicable, the numbering of course occasion (if the course is given more than once during a semester). **Example:** 1234\_VT24\_2 (if it is the second course occasion of the course with number 1234, spring semester 2024).

The course evaluation is sent out the day after the course end-date, unless otherwise agreed. It can be beneficial if the participants have received feedback on the examination assignments before they answer the course evaluation, which is why a slightly later date for dispatch can be notified to the evaluation team when the course provider anticipates a delay, for example when using home assignments.

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<sup>7</sup> More information about the process can be found here: <https://staff.ki.se/course-evaluation-and-analysis-of-doctoral-courses>

However, a course evaluation should come as close to the end of the course as possible.

Participants have generally a two-week window to respond and receive two reminders within this timeframe<sup>88</sup>. Once the survey closes, the evaluation team generates two reports and sends them as links to the course provider and course administrator.

### **The course evaluation reports**

The results of the course evaluation are presented in a report in two versions, a short and a full version. In the short version the open-ended questions and the course specific questions have been removed. This version can be presented to the course participants, and the link can be added to the course occasion at the next announcement of the course in the course catalogue.

The full version report includes all questions, even the open-ended questions and the course specific ones. This is to be used as a basis for the course analysis (reflection) and as part of the report to the relevant doctoral programme or research school, or to the Course and Programme Committee (KPK). To ensure anonymity, reports cannot be generated when the survey had less than five answers. If the course provider wishes to make a more in-depth analysis of the result from their course evaluation, they can request that the evaluation team also sends the results as an Excel file.

### **Aim of course evaluations**

The main purpose of the course evaluation questionnaire is to measure aspects of student-perceived quality and collect data to improve the quality of doctoral education at KI. The 18 general questions are the standardized part of the course evaluation questionnaire for all doctoral courses at KI.

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<sup>88</sup> Additional time and/or reminders are given to the surveys that are very close or overlap holidays.

## Current list of Doctoral programmes and Research schools

### Doctoral programmes

During 2024, there were a total of 11 doctoral programmes at Karolinska Institutet.

The list of these is presented below. Some courses are offered in collaboration of two or more programmes. These are presented as a separate category.

Freestanding courses are given outside of the programmes and for this reason, they are also presented as a separate category.

List of all doctoral programmes at KI in 2024:

- Allergy, Immunology, and Inflammation (Aii)
- Biology of Infection and Global Health (BIGH)
- Cell Biology and Genetics (CBG)
- Cardiovascular Research (CVR)
- Development and Regeneration (DevReg)
- Epidemiology
- Health Care Science (PUF-V)
- Metabolism and Endocrinology (MetEndo)
- Neuroscience
- Public Health Science (PHSP)
- Tumour Biology and Oncology (FoTO)

### Research schools

KI takes an active role in ensuring the quality of courses within numerous research schools designed for doctoral students at local, national, and international levels.

The current report focuses on nine specific research schools, outlined in the list below.

List of Research Schools with courses included in this report:

- Research school in Clinical Therapy Research (KI-Region Stockholm)
- Research School for clinicians in Epidemiology (KI-Region Stockholm)
- Research School in Family Medicine and Primary Care (KI-Region Stockholm)
- Research School for clinicians in Molecular Medicine (KI-Region Stockholm)

- National Research school in Clinical and Translational Cancer Research (NatiOn)
- National graduate school in medical bioinformatics (Medbioinfo)
- Research School for clinicians in Psychiatry (KI-Region Stockholm)
- School of Health Innovation
- Swedish Interdisciplinary Graduate School in register-based research (SINGS)

## **The standard template of the course evaluation questions**

### *Questions in English*

1. The content of the course was clearly presented in the syllabus.
2. I was highly motivated to learn the content of the course.
3. The intended learning outcomes of the course were clearly explained.
4. The course design facilitated achievement of the intended learning outcomes.
5. The teaching and learning activities facilitated achievement of the intended learning outcomes.
6. During the course, I have received sufficient feedback from the teachers and/or the other course participants, when needed.
7. I have actively engaged in the course.
8. I had sufficient prior knowledge to fully participate in the course.
9. During the course, the teachers have been open to students' ideas and opinions about the course.
10. During the course, I have developed valuable expertise/skills.
11. During the course, I have developed my ability to critically analyse and evaluate research findings. *(If the question is not relevant to this course, select the response option "Not applicable")*
12. The examination adequately assessed the achievement of the intended learning outcomes.
13. I have achieved the intended learning outcomes of the course.
14. From my perspective the workload was reasonable in relation to the number of credits.
15. This course has fulfilled my expectations of a high-quality course.
16. Were there any parts of the course that were excellent? If so, please specify which parts and in what way.

17. Do you have any recommendations as to how the course could be improved?  
If so, please specify which parts and how.
18. Would you recommend this course to others enrolled in doctoral education?  
(Answer only if you are a doctoral student, otherwise select the response option "Not applicable")

The response options for questions 1–till 15 were: to a very small extent, to a small extent, to some extent, to a large extent, to a very large extent. Questions 16 and 17 are open questions. Question 18 is a yes/no question. Questions 11 and 18 have the "not relevant" option.

### Questions in Swedish

1. Kursens innehåll framgick tydligt i kursplanen.
2. Jag var mycket motiverad att tillgodogöra mig innehållet i kursen.
3. Kursens lärandemål förklarades tydligt.
4. Kursens design (upplägg och arbetsformer) var relevanta i förhållande till kursens lärandemål.
5. Undervisningen underlättade att uppnå kursens lärandemål.
6. Jag har, under kursen, fått tillräcklig återkoppling från lärarna och/eller andra kursdeltagare.
7. Jag har deltagit aktivt i kursen.
8. Mina förkunskaper var tillräckliga för att tillgodogöra mig kursen.
9. Under kursen har lärarna varit öppna för studenternas idéer och åsikter om kursen.
10. Under kursen har jag utvecklat värdefulla kunskaper och färdigheter.
11. Under kursen har jag utvecklat min förmåga att kritiskt analysera och värdera forskningsresultat. (ej relevant)
12. Examinationen var tydligt kopplad till uppfyllelse av kursens lärandemål.
13. Jag har uppnått alla kursens lärandemål.
14. Kursen var tillräckligt utmanande för mig.
15. Kursen har uppfyllt mina förväntningar om vad som är en kurs med hög kvalitet.
16. Fanns det några delar av kursen som var utmärkta? Om så är fallet ange vilka delar och på vilket sätt.
17. Har du några förslag på hur kursen skulle kunna förbättras? Om ja, specificera gärna vad och hur.

18. Skulle du rekommendera kursen till andra doktorander? (Svara enbart om du är doktorand, välj annars svarsalternativet "Inte relevant")

Svarsalternativen på frågorna 1-till 15 var: *i mycket liten grad, i liten grad, delvis, i stor grad, i mycket stor grad*. Fråga 11 hade också alternativet *ej relevant*. Frågorna 16 och 17 var öppna frågor. Fråga 18 är en ja/nej fråga.

### **The standard introductory text**

The course evaluation survey has a standard introduction that serves the following functions:

- Informs which course the survey refers to.
- Explains the purpose of the survey, which is to develop the course and KI's doctoral education.
- Presents the intended learning outcomes of the course.

The standardized introduction to the surveys is the following:

*Dear student,*

*This course evaluation refers to the doctoral course {Name of the survey} you have participated in recently. Your answers are anonymous and will be used to develop and improve the course. Some of the questions relate to the intended learning outcomes of the course which you will find below. Please read them carefully before you answer the survey.*

***Upon completion of the course, the doctoral student should be able to:***

***(List with Intended Learning Outcomes)***

*Thank you for your participation!*

*(Course leader)*

### **Improvements and recommendations**

UoL is continuously trying to improve the routines for the course evaluations for doctoral courses. During 2024, we have activated the automation setting that sends out automatically the short version of the report to all participants connected to the survey.

The evaluation process for the doctoral courses is continuously improving and we are always looking for ways to make the communication between course

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providers/administrators and UoL more effective. However, late participant lists are still an issue. We wish that course providers/administrators of doctoral courses follow the instructions mentioned above and send the participant list to [evaluation@ki.se](mailto:evaluation@ki.se) no later than the day after the start of the course. The subject of the email should be structured as follows: Participant list + course number.<sup>9</sup>

Research Schools have several parallel courses, courses with the same participants, courses offered in more than one school, and/or courses that span more than one semester. This can sometimes lead to confusion about which participant lists should be used for which courses. It is important that Research Schools maintain a continuous dialogue with UoL during the semesters in case of any changes.

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<sup>9</sup> For detailed information regarding the course evaluation process <https://staff.ki.se/course-evaluation-and-analysis-of-doctoral-courses>

## Results

The data analysis for 2024 was performed in RStudio 2023.12.1+402.

### Response Rates

Below are the results presented in tables and figures for the number of analysed courses and the response rates over the years 2021–2024.

**Table 1: Number of courses and response rates for VT/HT 2024 and previous years (*N*: Number of courses)**

	2021		2022		2023		2024	
	N	Response rate [%]						
Freestanding courses	86	69	87	69	94	70	85	65
Programme courses	105	72	116	71	114	73	105	74
Research schools	33	67	38	67	41	67	53	72
<b>Total</b>	<b>224</b>	<b>70</b>	<b>242</b>	<b>70</b>	<b>249</b>	<b>71</b>	<b>243</b>	<b>71</b>

**Table 2: Number of courses and response rates for VT/HT 2024 and previous years divided by semester (*N*: Number of courses)**

	VT21		HT21		VT22		HT22		VT23		HT23		VT24		HT24	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Freestanding courses	45	72	41	65	47	72	40	66	51	70	43	69	45	68	40	61
Programme courses	43	75	62	70	51	73	65	69	50	73	64	73	47	79	58	70
Research schools	18	65	15	70	17	71	21	65	22	66	19	68	30	73	23	72

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	VT21		HT21		VT22		HT22		VT23		HT23		VT24		HT24	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
<b>Total</b>	<b>106</b>	<b>72</b>	<b>118</b>	<b>68</b>	<b>115</b>	<b>72</b>	<b>127</b>	<b>67</b>	<b>123</b>	<b>71</b>	<b>126</b>	<b>71</b>	<b>122</b>	<b>73</b>	<b>121</b>	<b>67</b>

## Descriptives

The results of the 15 general questions and the combined value of these are presented below. The results are based on data from course evaluation surveys answered during the year 2024.

Table of questions 1–15 for all courses throughout the year, including the following parameters:

- number of responses
- mean (M)
- standard deviation (SD)
- confidence interval (95% CI) (lower and upper)
- median and percentiles (P25 and P75)
- minimum and maximum

**Table 3: Results for Freestanding courses, Programme courses and Research Schools combined, 2024 (n: number of answers)**

Question number	n	M	SD	95% CI (LL)	95% CI (UL)	median	P25	P75	min	max
1	3 407	4.36	0.72	4.28	4.33	4.00	4.00	5.00	1.00	5.00
2	3 406	4.41	0.76	4.33	4.39	5.00	4.00	5.00	1.00	5.00
3	3 399	4.32	0.77	4.24	4.29	4.00	4.00	5.00	1.00	5.00
4	3 392	4.26	0.85	4.15	4.21	4.00	4.00	5.00	1.00	5.00
5	3 395	4.25	0.87	4.14	4.20	4.00	4.00	5.00	1.00	5.00
6	3 399	4.22	0.92	4.06	4.13	4.00	4.00	5.00	1.00	5.00
7	3 405	4.38	0.73	4.29	4.34	5.00	4.00	5.00	1.00	5.00
8	3 403	3.97	0.96	3.90	3.97	4.00	3.00	5.00	1.00	5.00
9	3 381	4.39	0.82	4.32	4.37	5.00	4.00	5.00	1.00	5.00
10	3 397	4.23	0.86	4.10	4.16	4.00	4.00	5.00	1.00	5.00
11	2 539	4.15	0.88	4.07	4.14	4.00	4.00	5.00	1.00	5.00
12	3 383	4.25	0.79	4.14	4.20	4.00	4.00	5.00	1.00	5.00
13	3 390	4.18	0.75	4.11	4.16	4.00	4.00	5.00	1.00	5.00
14	3 386	4.09	0.92	4.01	4.08	4.00	4.00	5.00	1.00	5.00

Question number	n	M	SD	95% CI (LL)	95% CI (UL)	median	P25	P75	min	max
15	3 392	4.25	0.91	4.12	4.18	4.00	4.00	5.00	1.00	5.00

## Results – Freestanding courses

Results for Freestanding courses are presented below in tables and figures and include:

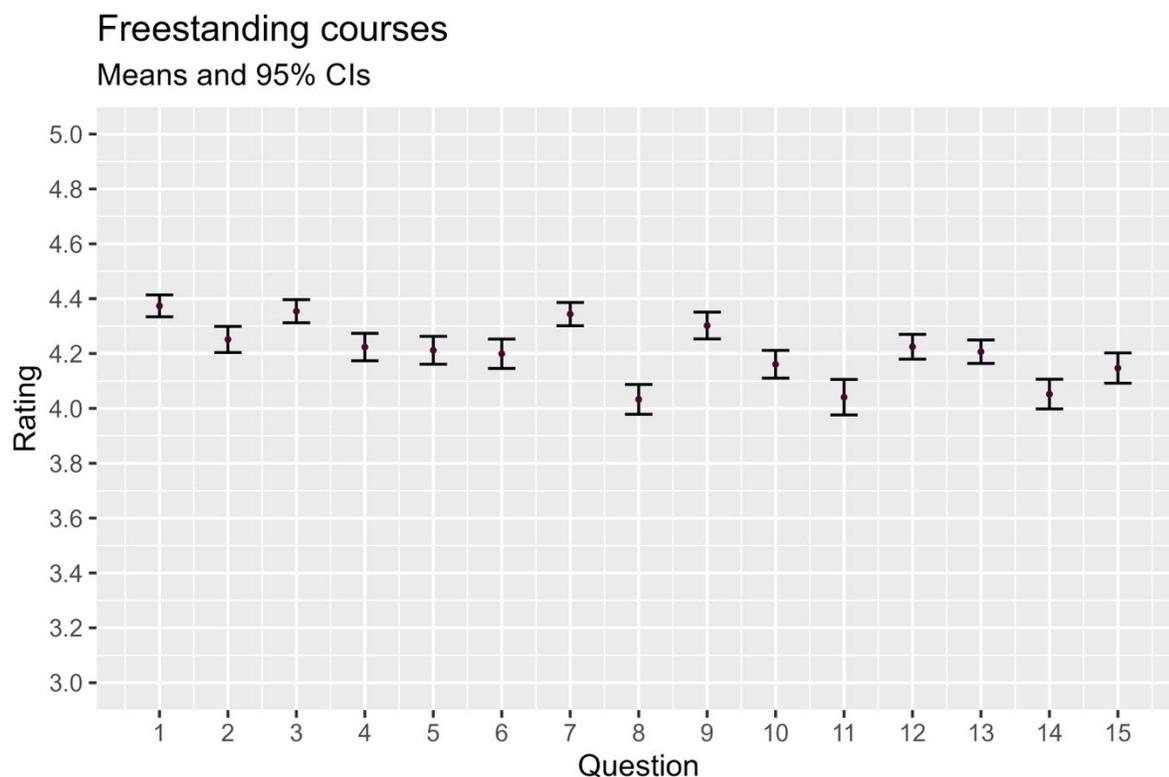
- Table of questions 1-15 (as in point 2 above)
- Histogram of mean and confidence interval (questions 1-15)
- Chart per question (1-15) showing the distribution of responses.
- Question 18 on overall satisfaction (chart with and without respondents who are not doctoral students).

**Table 4: Descriptive Results – Freestanding courses 2024 (*n*: number of answers)**

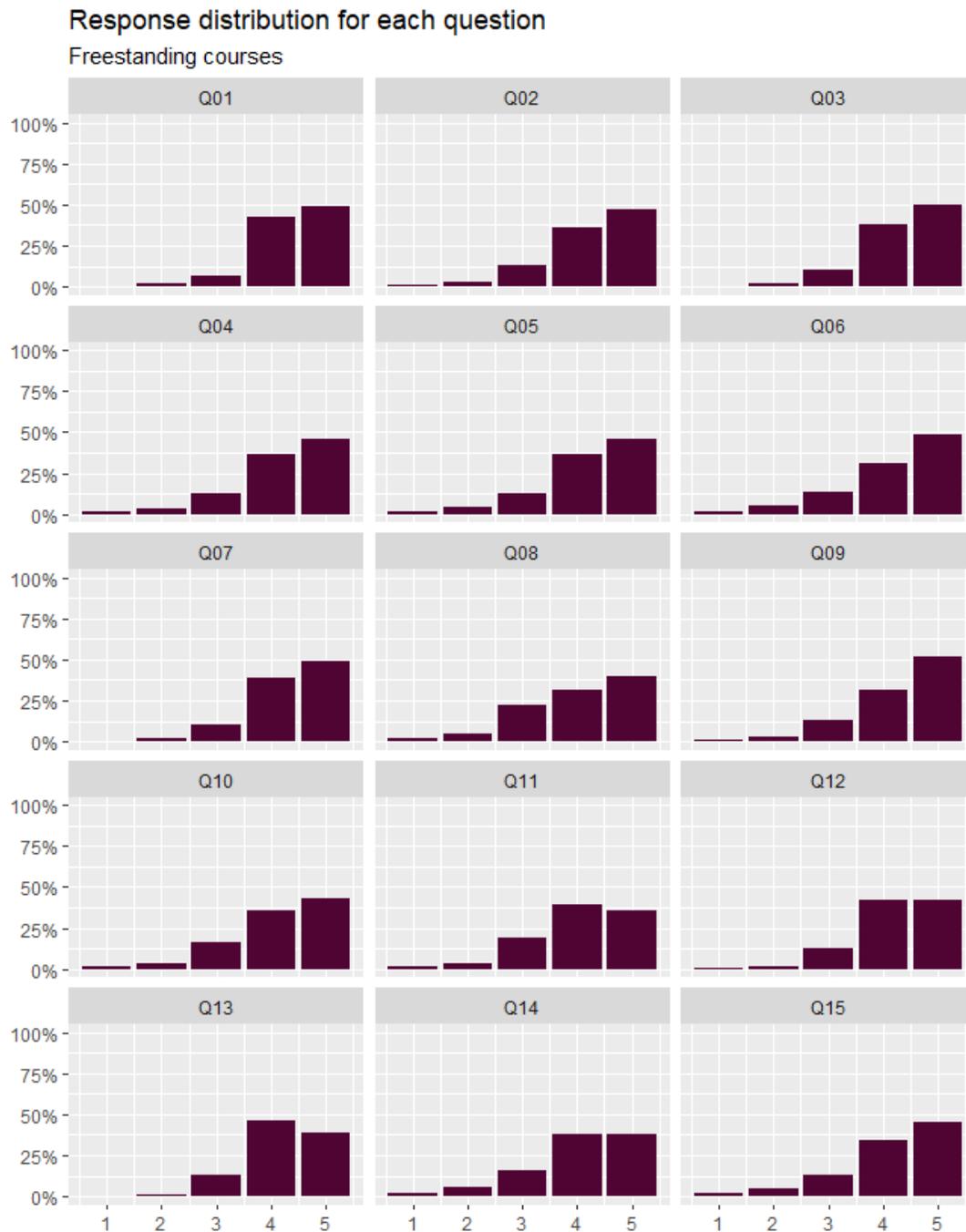
Question number	n	M	SD	95% CI (LL)	95% CI (UL)	median	P25	P75	min	max
1	1 252	4.37	0.72	4.33	4.41	4.00	4.00	5.00	1.00	5.00
2	1 253	4.25	0.86	4.20	4.30	4.00	4.00	5.00	1.00	5.00
3	1 253	4.35	0.76	4.31	4.40	5.00	4.00	5.00	1.00	5.00
4	1 243	4.22	0.90	4.17	4.27	4.00	4.00	5.00	1.00	5.00
5	1 246	4.21	0.91	4.16	4.26	4.00	4.00	5.00	1.00	5.00
6	1 250	4.20	0.96	4.15	4.25	4.00	4.00	5.00	1.00	5.00
7	1 251	4.34	0.76	4.30	4.39	4.00	4.00	5.00	1.00	5.00
8	1 250	4.03	0.98	3.98	4.09	4.00	3.00	5.00	1.00	5.00
9	1 241	4.30	0.88	4.25	4.35	5.00	4.00	5.00	1.00	5.00
10	1 249	4.16	0.91	4.11	4.21	4.00	4.00	5.00	1.00	5.00
11	783	4.04	0.92	3.98	4.11	4.00	4.00	5.00	1.00	5.00
12	1 246	4.22	0.82	4.18	4.27	4.00	4.00	5.00	1.00	5.00
13	1 248	4.21	0.77	4.16	4.25	4.00	4.00	5.00	1.00	5.00
14	1 244	4.05	0.97	4.00	4.11	4.00	4.00	5.00	1.00	5.00

Question number	n	M	SD	95% CI (LL)	95% CI (UL)	median	P25	P75	min	max
15	1 245	4.15	0.99	4.09	4.20	4.00	4.00	5.00	1.00	5.00

**Figure 1: Plots with means and confidence intervals (CIs) – Freestanding courses**



The figures below show the distribution of responses for each question that had the scale: *to a very small extent*, *to a small extent*, *to some extent*, *to a large extent*, *to a very large extent*. Question 11 also had the option *not relevant*.

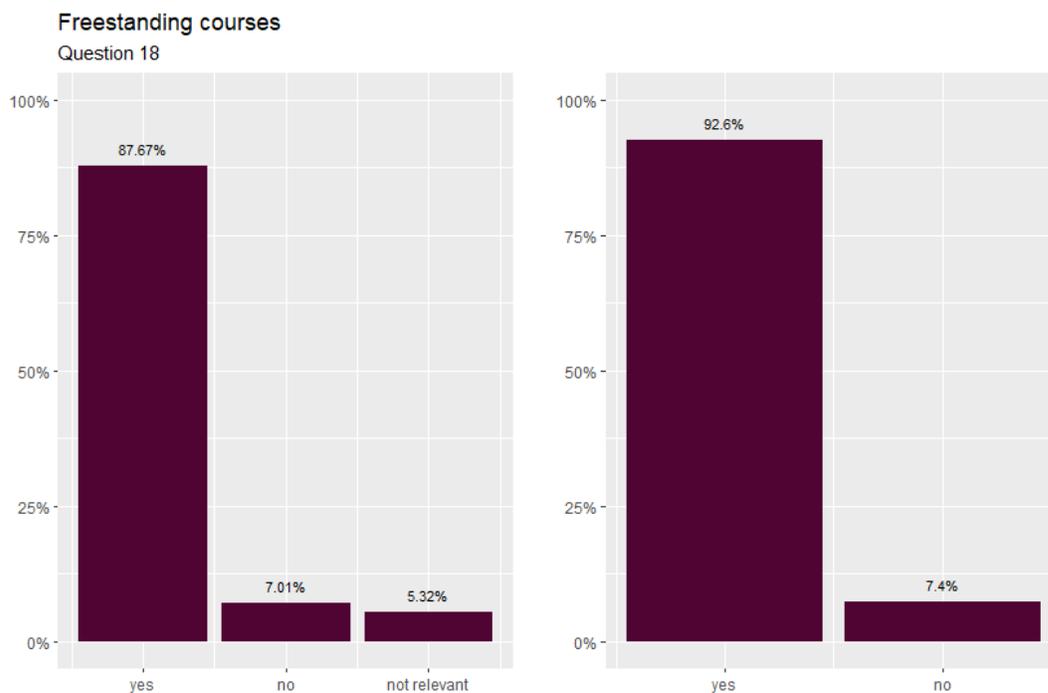
**Figure 2: Histograms for questions 1 to 15 – Freestanding Courses**

1 - To a very small extent, 2 - To a small extent, 3 - To some extent, 4 - To a large extent, 5 - To a very large extent

### Question 18 – Freestanding Courses

Question 18: Would you recommend this course to others enrolled in doctoral education? The question is a yes/no question with a "not relevant" option for students that are not doctoral students. Therefore, the results are presented in two separate diagrams where the "not relevant" option is included in the first one and excluded in the second one.

**Figure 3: Response distribution for Question 18 – Freestanding courses**



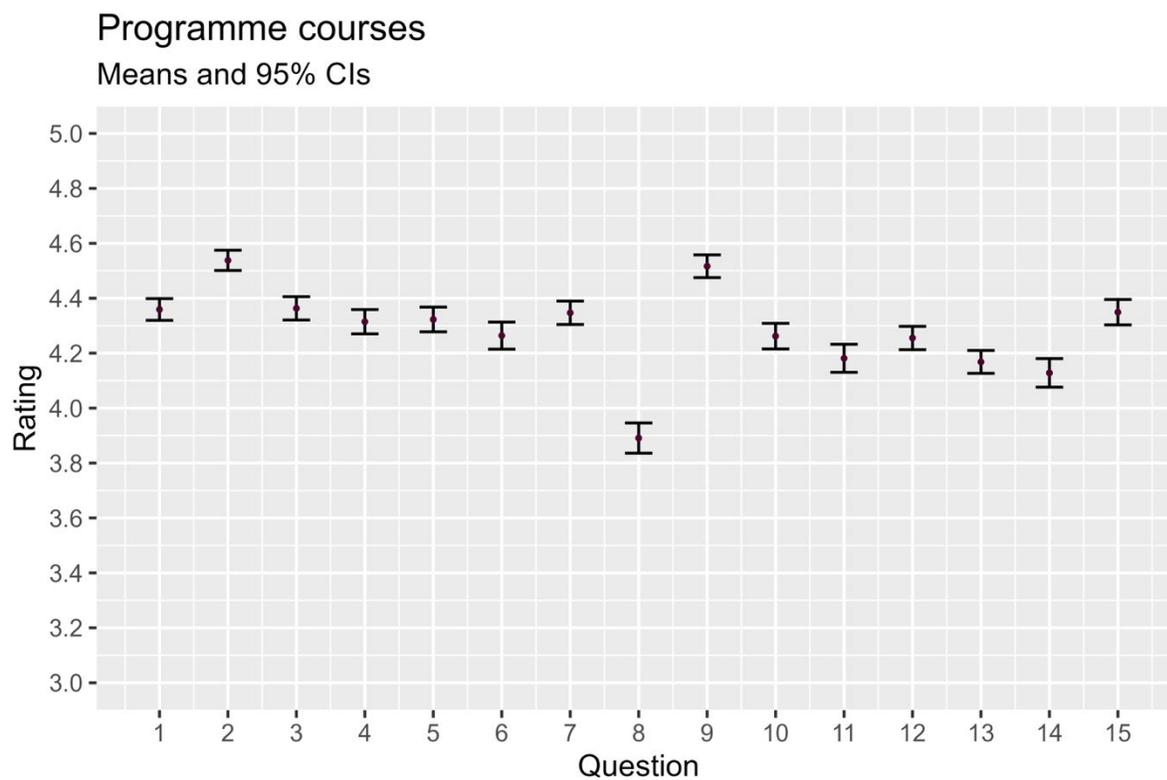
## Results – Programme courses

Results for Programme courses are presented below in tables and figures and include:

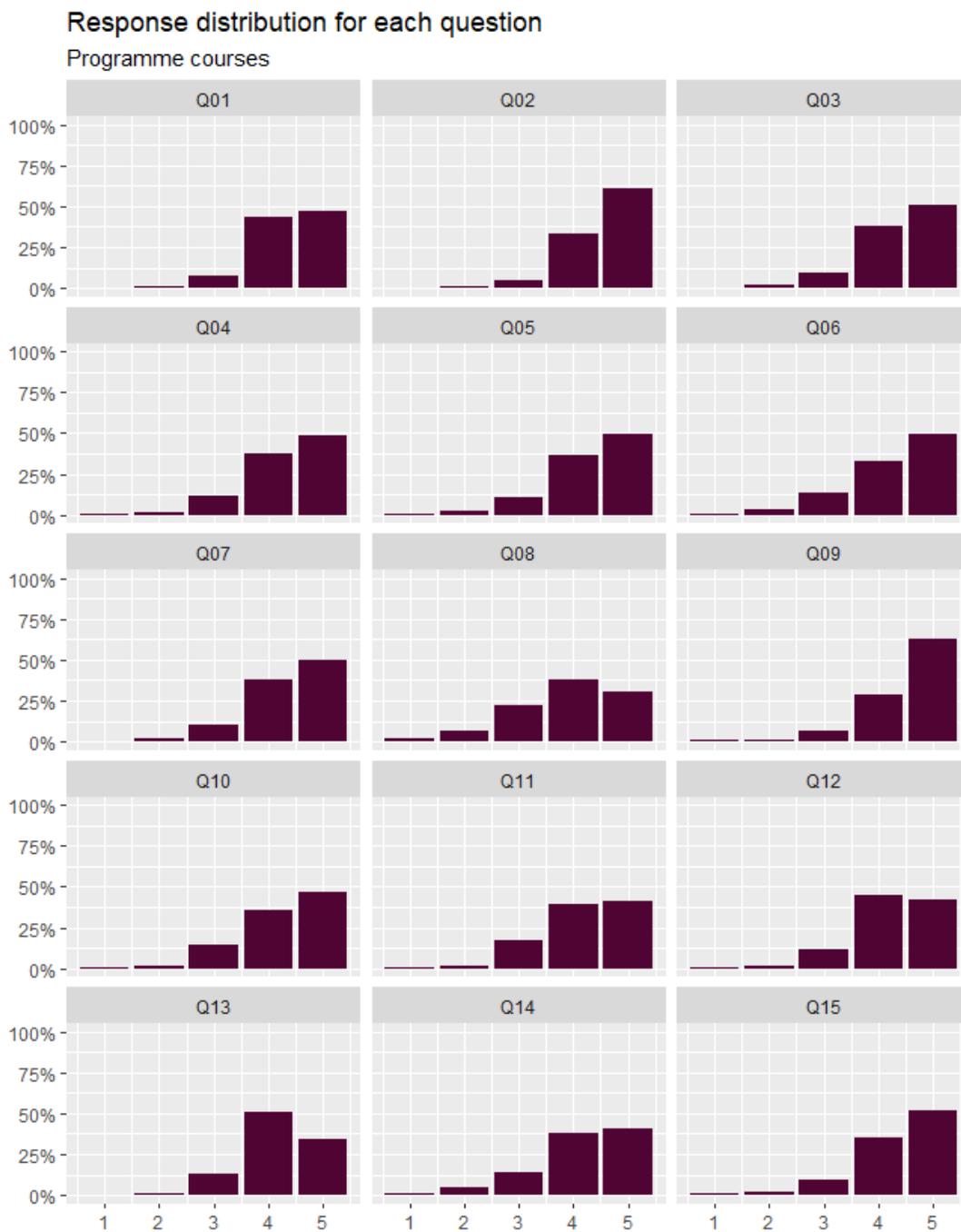
- Table of questions 1–15 (as in point 2 above)
- Histogram of mean and confidence interval (questions 1–15)
- Chart per question (1–15) showing the distribution of responses.
- Table of percentiles for the courses in the course catalogue
- Question 18 on overall satisfaction (chart with and without respondents who are not doctoral students).

**Table 5: Descriptive Results – Programme courses 2024 (*n*: number of answers)**

Question number	n	M	SD	95% CI (LL)	95% CI (UL)	median	P25	P75	min	max
1	1 239	4.36	0.71	4.32	4.40	4.00	4.00	5.00	1.00	5.00
2	1 236	4.54	0.66	4.50	4.57	5.00	4.00	5.00	1.00	5.00
3	1 233	4.36	0.76	4.32	4.41	5.00	4.00	5.00	1.00	5.00
4	1 233	4.31	0.79	4.27	4.36	4.00	4.00	5.00	1.00	5.00
5	1 236	4.32	0.80	4.28	4.37	4.00	4.00	5.00	1.00	5.00
6	1 235	4.26	0.88	4.21	4.31	4.00	4.00	5.00	1.00	5.00
7	1 239	4.35	0.77	4.30	4.39	4.00	4.00	5.00	1.00	5.00
8	1 238	3.89	0.99	3.84	3.95	4.00	3.00	5.00	1.00	5.00
9	1 229	4.52	0.74	4.48	4.56	5.00	4.00	5.00	1.00	5.00
10	1 236	4.26	0.83	4.22	4.31	4.00	4.00	5.00	1.00	5.00
11	1 037	4.18	0.84	4.13	4.23	4.00	4.00	5.00	1.00	5.00
12	1 230	4.26	0.76	4.21	4.30	4.00	4.00	5.00	1.00	5.00
13	1 230	4.17	0.74	4.13	4.21	4.00	4.00	5.00	1.00	5.00
14	1 232	4.13	0.93	4.08	4.18	4.00	4.00	5.00	1.00	5.00
15	1 234	4.35	0.83	4.30	4.40	5.00	4.00	5.00	1.00	5.00

**Figure 4: Plots with means and confidence intervals (CIs) – Programme courses**

The figures below show the distribution of responses for each question that had the scale: *to a very small extent, to a small extent, to some extent, to a large extent, to a very large extent*. Question 11 also had the option *not relevant*.

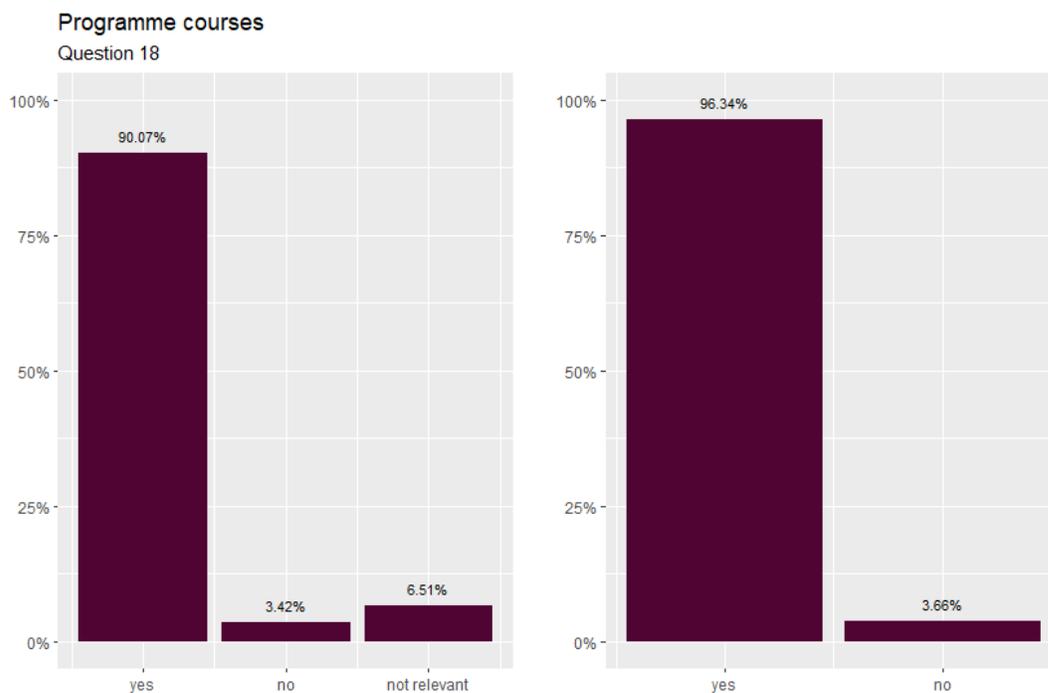
**Figure 5: Histograms for questions 1 to 15 – Programme Courses**

1 - To a very small extent, 2 - To a small extent, 3 - To some extent, 4 - To a large extent, 5 - To a very large extent

### Question 18 – Programme Courses

Question 18: Would you recommend this course to others enrolled in doctoral education? The question is a yes/no question with a "not relevant" option for students that are not doctoral students. Therefore, the results are presented in two separate diagrams where the "not relevant" option is included in the first one and excluded in the second one.

**Figure 6: Response distribution for Question 18 – Programme courses**



**Results – Programme courses divided by programme.**

During 2024, there were a total of 11 doctoral programmes at Karolinska Institutet. The list of these is presented below. Some courses are offered in collaboration of two or more programmes. These are presented as a separate category.

Abbreviations of the doctoral programmes at KI in 2024:

- Allergy, immunology and inflammation (Aii)
- Biology of Infection and Global Health (BIGH)
- Cell Biology and Genetics (CBG)
- Cardiovascular Research (CVR)
- Development and Regeneration (DevReg)
- Epidemiology
- Health Care Science (PUF-V)
- Metabolism and Endocrinology (MetEndo)
- Neuroscience
- Public Health Science (PHSP)
- Tumour Biology and Oncology (FoTO)

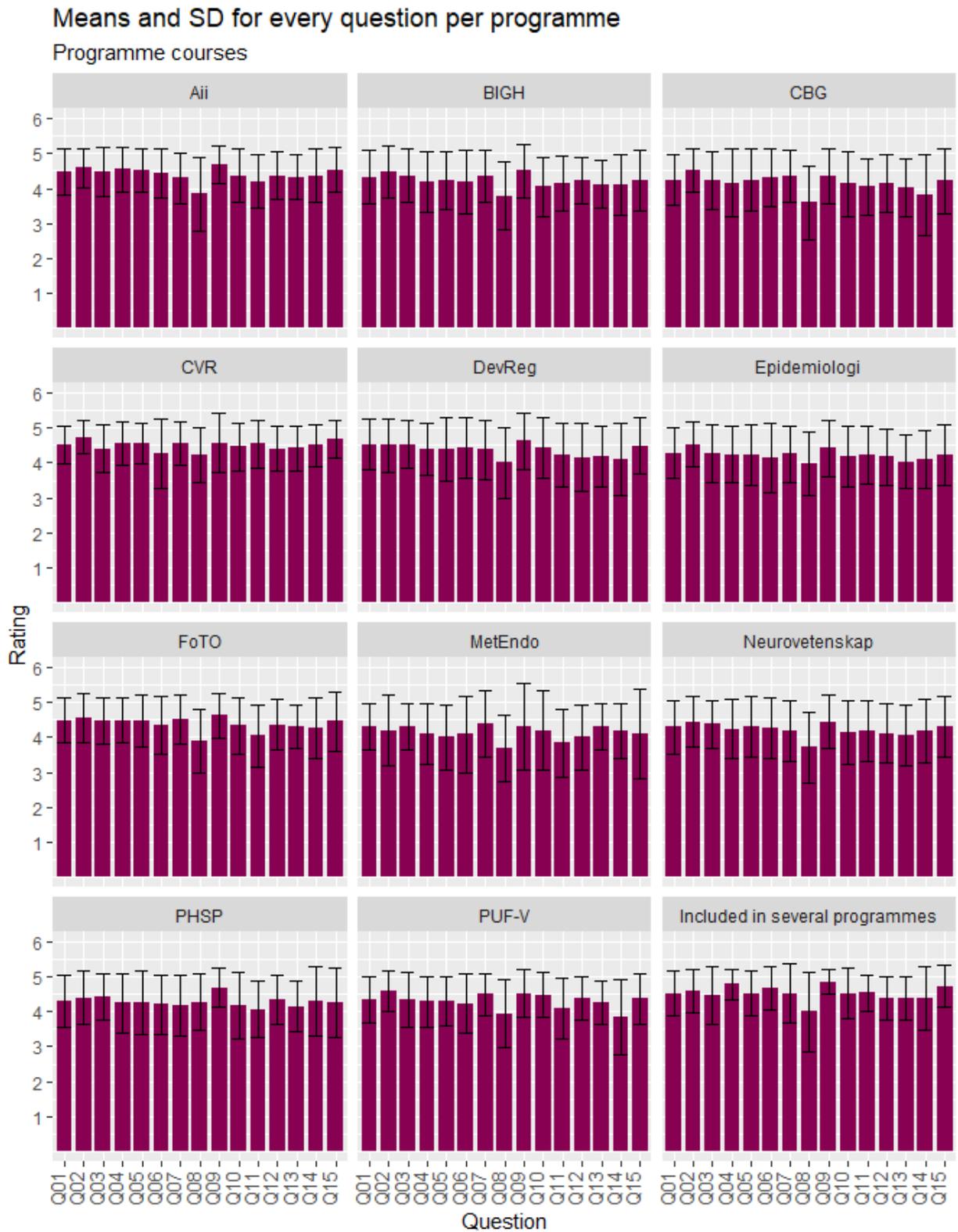
**Table 6: Results for Course Catalogue courses divided into programme 2024 (means and SD)**

programme	N courses	Q01	Q02	Q03	Q04	Q05	Q06	Q07	Q08	Q09	Q10	Q11	Q12	Q13	Q14	Q15
Aii	10	4.49 (0.66)	4.6 (0.56)	4.47 (0.71)	4.54 (0.65)	4.53 (0.61)	4.43 (0.7)	4.3 (0.74)	3.84 (1.06)	4.69 (0.54)	4.36 (0.77)	4.21 (0.77)	4.37 (0.69)	4.31 (0.64)	4.37 (0.75)	4.52 (0.65)

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programme	N courses	Q01	Q02	Q03	Q04	Q05	Q06	Q07	Q08	Q09	Q10	Q11	Q12	Q13	Q14	Q15
BIGH	11	4.32 (0.77)	4.49 (0.74)	4.37 (0.78)	4.17 (0.87)	4.23 (0.82)	4.19 (0.91)	4.35 (0.74)	3.79 (0.98)	4.5 (0.76)	4.05 (0.85)	4.15 (0.79)	4.22 (0.68)	4.12 (0.69)	4.11 (0.87)	4.23 (0.87)
CBG	9	4.24 (0.73)	4.53 (0.63)	4.23 (0.84)	4.16 (0.96)	4.24 (0.9)	4.31 (0.82)	4.36 (0.75)	3.6 (1.06)	4.36 (0.79)	4.12 (0.93)	4.05 (0.81)	4.16 (0.83)	4.03 (0.84)	3.82 (1.16)	4.22 (0.93)
CVR	7	4.51 (0.54)	4.75 (0.48)	4.41 (0.68)	4.55 (0.63)	4.56 (0.6)	4.28 (1.01)	4.54 (0.62)	4.22 (0.79)	4.58 (0.83)	4.46 (0.68)	4.55 (0.69)	4.41 (0.65)	4.42 (0.65)	4.51 (0.6)	4.69 (0.53)
DevReg	5	4.53 (0.73)	4.5 (0.76)	4.53 (0.69)	4.39 (0.75)	4.38 (0.91)	4.44 (0.87)	4.38 (0.86)	4 (1)	4.62 (0.81)	4.42 (0.87)	4.24 (0.91)	4.16 (0.99)	4.2 (0.87)	4.09 (1.04)	4.49 (0.82)
Epidemiologi	17	4.28 (0.74)	4.53 (0.63)	4.26 (0.82)	4.24 (0.8)	4.22 (0.86)	4.14 (0.98)	4.26 (0.81)	3.98 (0.93)	4.42 (0.8)	4.19 (0.86)	4.22 (0.83)	4.17 (0.8)	4.04 (0.77)	4.11 (0.84)	4.23 (0.86)
FoTO	8	4.49 (0.63)	4.57 (0.71)	4.47 (0.68)	4.49 (0.65)	4.46 (0.74)	4.36 (0.84)	4.51 (0.7)	3.89 (0.92)	4.63 (0.64)	4.35 (0.81)	4.05 (0.89)	4.36 (0.73)	4.32 (0.63)	4.26 (0.88)	4.46 (0.84)
MetEndo	1	4.3 (0.67)	4.2 (1.03)	4.3 (0.67)	4.1 (0.88)	4 (0.94)	4.1 (1.1)	4.4 (0.97)	3.7 (0.95)	4.3 (1.25)	4.2 (1.14)	3.83 (0.98)	4 (0.94)	4.3 (0.67)	4.2 (0.79)	4.1 (1.29)
Neurovetenskap	16	4.3 (0.77)	4.45 (0.74)	4.38 (0.7)	4.24 (0.86)	4.3 (0.87)	4.27 (0.86)	4.2 (0.87)	3.71 (1.03)	4.45 (0.77)	4.13 (0.92)	4.18 (0.88)	4.11 (0.84)	4.05 (0.88)	4.18 (0.93)	4.3 (0.87)
PHSP	3	4.31 (0.73)	4.41 (0.75)	4.44 (0.68)	4.26 (0.85)	4.26 (0.91)	4.21 (0.83)	4.18 (0.85)	4.28 (0.83)	4.69 (0.57)	4.18 (0.94)	4.08 (0.8)	4.36 (0.71)	4.16 (0.72)	4.31 (0.98)	4.26 (0.99)
PUF-V	14	4.36 (0.66)	4.59 (0.59)	4.35 (0.78)	4.29 (0.74)	4.3 (0.72)	4.24 (0.84)	4.5 (0.6)	3.95 (0.98)	4.53 (0.68)	4.48 (0.64)	4.09 (0.89)	4.4 (0.62)	4.26 (0.63)	3.85 (1.07)	4.38 (0.73)
Included in several programs	2	4.53 (0.64)	4.6 (0.63)	4.47 (0.83)	4.79 (0.43)	4.53 (0.64)	4.67 (0.62)	4.53 (0.83)	4 (1.13)	4.87 (0.35)	4.53 (0.74)	4.54 (0.52)	4.4 (0.63)	4.4 (0.63)	4.4 (0.91)	4.73 (0.59)

**Figure 7: Means (M) and Standard Deviations (SD) divided by programme**



## Results – Research schools

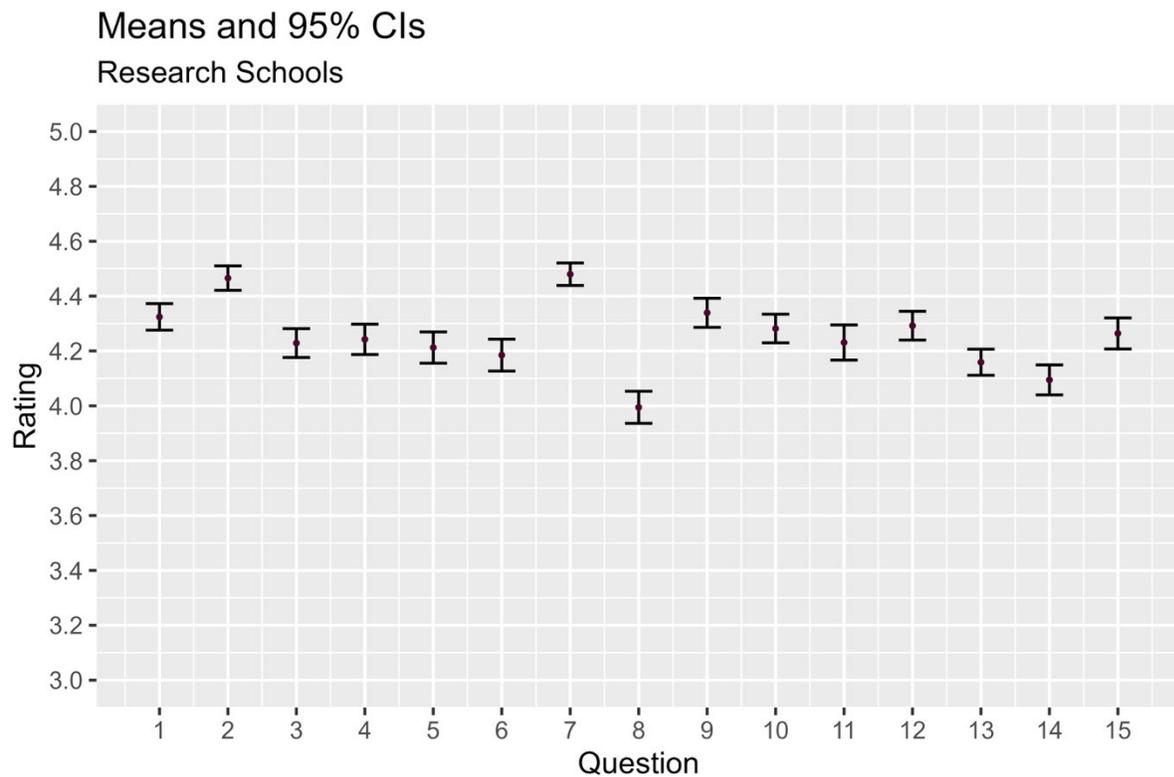
Results for Research Schools, also divided into the different schools are presented below in tables and figures.

Table for the courses of the research schools (in aggregate)

- Histogram of mean and confidence intervals (questions 1–15)
- Chart per question (1–15) showing the distribution of responses
- Percentiles for each question (M, SD,)
- Question 18 on overall satisfaction (chart with and without respondents who are not doctoral students).

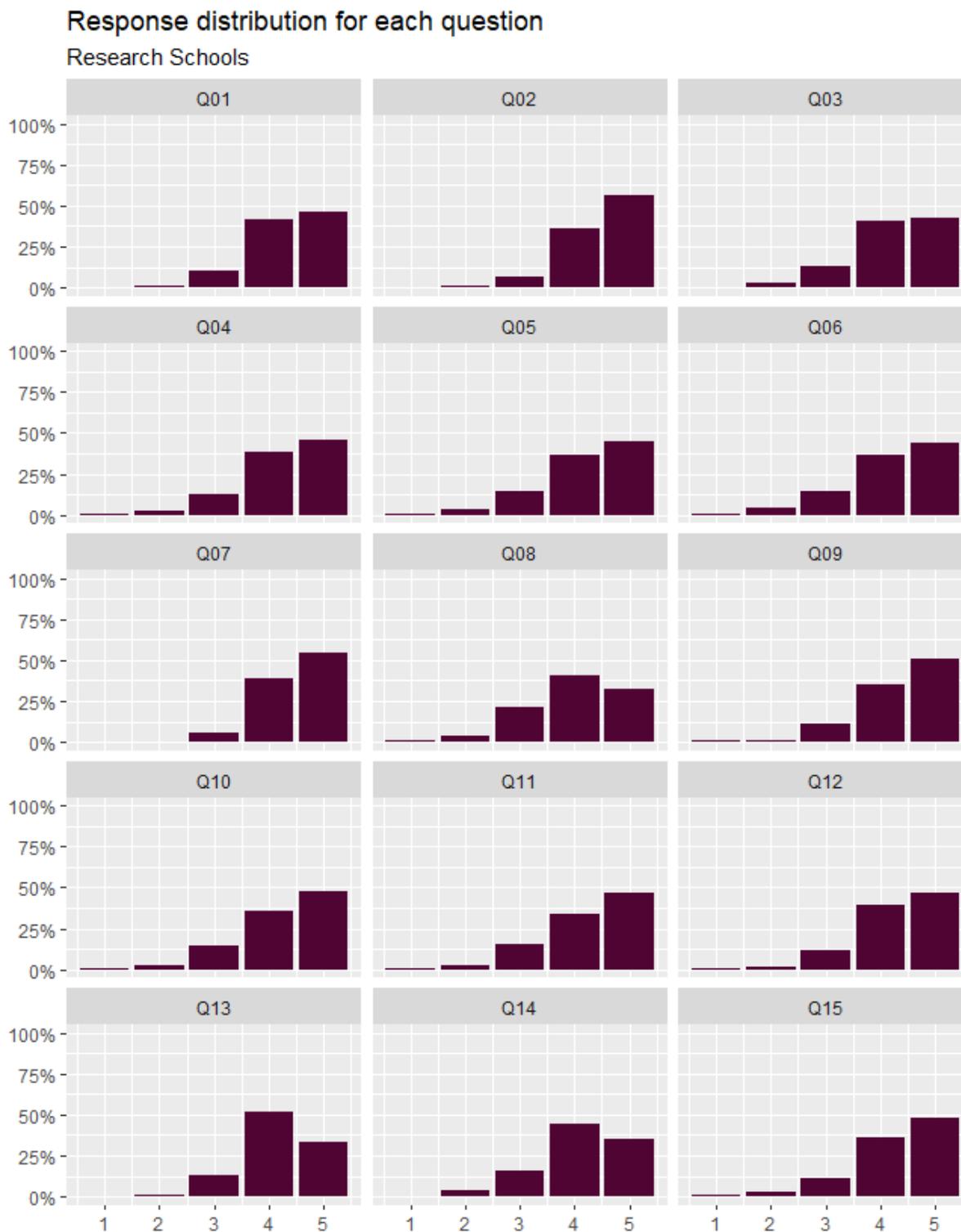
**Table 7: Descriptive results for Research Schools, 2024**

Question number	n	M	SD	95% CI (LL)	95% CI (UL)	median	P25	P75	min	max
1	916	4.32	0.75	4.28	4.37	4.00	4.00	5.00	1.00	5.00
2	917	4.47	0.69	4.42	4.51	5.00	4.00	5.00	1.00	5.00
3	913	4.23	0.81	4.18	4.28	4.00	4.00	5.00	1.00	5.00
4	916	4.24	0.85	4.19	4.30	4.00	4.00	5.00	1.00	5.00
5	913	4.21	0.88	4.16	4.27	4.00	4.00	5.00	1.00	5.00
6	914	4.18	0.90	4.13	4.24	4.00	4.00	5.00	1.00	5.00
7	915	4.48	0.63	4.44	4.52	5.00	4.00	5.00	1.00	5.00
8	915	3.99	0.90	3.94	4.05	4.00	3.00	5.00	1.00	5.00
9	911	4.34	0.81	4.29	4.39	5.00	4.00	5.00	1.00	5.00
10	912	4.28	0.80	4.23	4.33	4.00	4.00	5.00	1.00	5.00
11	719	4.23	0.87	4.17	4.29	4.00	4.00	5.00	1.00	5.00
12	907	4.29	0.80	4.24	4.34	4.00	4.00	5.00	1.00	5.00
13	912	4.16	0.73	4.11	4.21	4.00	4.00	5.00	1.00	5.00
14	910	4.09	0.84	4.04	4.15	4.00	4.00	5.00	1.00	5.00
15	913	4.26	0.87	4.21	4.32	4.00	4.00	5.00	1.00	5.00

**Figure 8: Plots with means and confidence intervals (CIs) – Research schools**

The figures below show the distribution of responses for each question that had the scale: *to a very small extent*, *to a small extent*, *to some extent*, *to a large extent*, *to a very large extent*. Question 11 also had the option “*not relevant*”.

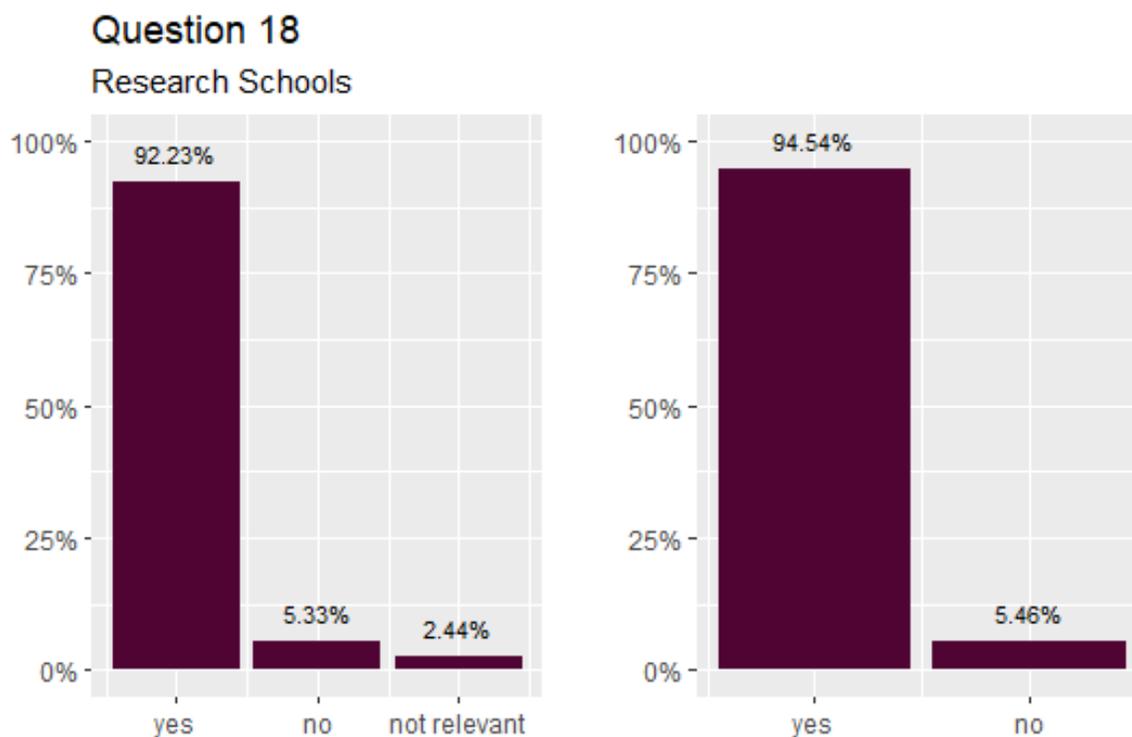
**Figure 9: Histograms for questions 1 to 15 – Research Schools**



1 - To a very small extent, 2 - To a small extent, 3 - To some extent, 4 - To a large extent, 5 - To a very large extent

**Question 18 – Research Schools**

Question 18: Would you recommend this course to others enrolled in doctoral education? The question is a yes/no question with a "not relevant" option for students that are not doctoral students. Therefore, the results are presented in two separate diagrams where the "not relevant" option is included in the first one and excluded in the second one.

**Figure 10: Response distribution for Question 18 – Research schools**

**Results – Courses in Research Schools divided by school**

Karolinska Institutet (KI) has several research schools for doctoral students. The research schools included in this year's report are nine. A list of these is presented below. Some courses are offered in collaboration by two or more schools.

List of all Research Schools:

- Research school in Clinical Therapy Research (KI–Region Stockholm)
- Research school for clinicians in epidemiology (KI–Region Stockholm)
- Research School in family medicine and primary care (KI–Region Stockholm)
- Research school for clinicians in Molecular medicine (KI–Region Stockholm)
- National research school in clinical and translational cancer research (NatiOn)
- National graduate school in medical bioinformatics (MedBioInfo)
- Research school for clinicians in psychiatry (KI–Region Stockholm)
- School of Health Innovation
- Swedish Interdisciplinary Graduate School in register-based research (SINGS)

Results per research school:

- Table with each research school (on the y-axis) and each question (on the x-axis) with M and SD.
- Chart per research school with M and SD per question.

**Table 8: Results for Research Schools per school, 2024 (means and SD)**

school	N courses	Q01	Q02	Q03	Q04	Q05	Q06	Q07	Q08	Q09	Q10	Q11	Q12	Q13	Q14	Q15
Clinical Therapy Research	7	4.36 (0.58)	4.41 (0.6)	4.21 (0.77)	4.11 (0.73)	4.05 (0.87)	4.07 (0.82)	4.36 (0.57)	3.85 (0.9)	4.12 (0.86)	4.2 (0.78)	4.21 (0.92)	4.46 (0.65)	4.1 (0.62)	3.99 (0.84)	4.11 (0.83)
Epidemiology	10	4.42 (0.66)	4.48 (0.7)	4.27 (0.77)	4.3 (0.87)	4.25 (0.89)	4.13 (0.89)	4.48 (0.63)	4.14 (0.8)	4.34 (0.85)	4.31 (0.8)	4.38 (0.76)	4.27 (0.83)	4.2 (0.73)	4.21 (0.77)	4.33 (0.85)
Epidemiology/Psychiatry	2	4.04 (1.01)	4.64 (0.59)	3.98 (0.95)	4.21 (0.95)	4.27 (0.92)	4.39 (0.95)	4.64 (0.59)	4.3 (0.89)	4.4 (0.87)	4.29 (0.82)	4.31 (0.78)	4.27 (0.76)	4.16 (0.88)	4.25 (0.72)	4.29 (0.78)
Family medicine and primary care	7	4.35 (0.68)	4.48 (0.74)	4.09 (0.91)	4.01 (1.18)	3.81 (1.2)	4.06 (1.07)	4.58 (0.6)	4.06 (0.92)	4.22 (1.01)	4.16 (0.95)	4 (1.09)	4.17 (0.94)	4.1 (0.69)	4.07 (0.85)	3.91 (1.24)
Molecular medicine	10	4.13 (0.94)	4.25 (0.85)	4.07 (0.89)	4.13 (0.85)	4.13 (0.85)	4.05 (0.95)	4.32 (0.73)	3.91 (0.89)	4.17 (0.8)	4.1 (0.89)	3.89 (0.98)	4.17 (0.88)	4.05 (0.74)	4.05 (0.87)	4.14 (0.93)
NatiOn	9	4.41 (0.67)	4.63 (0.51)	4.42 (0.69)	4.44 (0.75)	4.44 (0.73)	4.5 (0.7)	4.64 (0.57)	3.97 (0.92)	4.61 (0.58)	4.52 (0.65)	4.33 (0.78)	4.38 (0.77)	4.23 (0.76)	4.02 (0.89)	4.47 (0.66)
National Graduate School in Medical Bioinformatic	1	4 (1.13)	4.25 (0.87)	4.17 (0.94)	4 (0.95)	4 (0.85)	4.25 (0.97)	4.42 (0.79)	4 (1.35)	4.58 (0.79)	3.83 (0.83)	4.11 (0.93)	3.83 (0.94)	4 (0.95)	4.17 (0.72)	3.83 (0.83)
Psychiatry	4	4.38 (0.7)	4.45 (0.63)	4.24 (0.76)	4.26 (0.8)	4.29 (0.86)	4.26 (0.77)	4.48 (0.63)	4.02 (0.84)	4.24 (0.79)	4.36 (0.66)	4.52 (0.67)	4.48 (0.67)	4.29 (0.56)	3.93 (0.95)	4.26 (0.83)
School of Health Innovation	1	4.32 (0.69)	4.49 (0.69)	4.21 (0.81)	4.26 (0.79)	4.43 (0.74)	4.13 (1.01)	4.54 (0.59)	3.55 (1.06)	4.54 (0.72)	4.3 (0.87)	4.12 (0.93)	4.15 (0.87)	4.15 (0.97)	4.11 (0.87)	4.47 (0.91)
SINGS	2	4.5 (0.55)	4.52 (0.59)	4.51 (0.64)	4.48 (0.63)	4.38 (0.62)	4.12 (0.89)	4.45 (0.59)	4.05 (0.79)	4.57 (0.63)	4.4 (0.63)	4.28 (0.74)	4.31 (0.68)	4.31 (0.56)	4.21 (0.87)	4.52 (0.63)

**Figure 11: Means (M) and Standard Deviations (SD) divided by Research School**

Means and 95% CIs for every question per school

Research Schools



## Yearly comparisons 2021–2024

The following section presents comparisons between the data from 2021, 2022, 2023 and 2024. The results are presented as follows:

Comparisons over the years 2021 – 2024:

- Table for all courses combined
- Table for the Freestanding courses
- Table for the Programme courses
- Table for the Research schools

Comparisons between semesters:

- Diagram for all courses (Mean ratings and individual data over years)
- Diagram for the course Freestanding courses (Mean ratings and individual data over years)
- Diagram for the course Programme courses (Mean ratings and individual data over years)
- Diagram for the research schools (Mean ratings and individual data over years)

Comparisons per question and semester:

- Overall
- Freestanding courses
- Programme courses
- Research schools

Comparison of question 18 between semesters

- Overall
- Freestanding courses
- Programme courses
- Research schools

**Question 1 to 15: Trends over years 2021–2024****Table 9: Trends for Freestanding courses, Programme courses and Research Schools, 2021 – 2024 (n: number of answers)**

Question number	2021			2022			2023			2024		
	n	M	SD									
Q01	3 066	4.33	0.73	3 182	4.35	0.72	3 457	4.31	0.73	3 407	4.36	0.72
Q02	3 072	4.34	0.77	3 187	4.40	0.76	3 463	4.36	0.79	3 406	4.41	0.76
Q03	3 059	4.25	0.79	3 181	4.28	0.78	3 454	4.26	0.79	3 399	4.32	0.77
Q04	3 057	4.18	0.86	3 181	4.23	0.84	3 460	4.18	0.87	3 392	4.26	0.85
Q05	3 059	4.19	0.87	3 179	4.23	0.84	3 453	4.17	0.88	3 395	4.25	0.87
Q06	3 055	3.97	1.01	3 183	4.14	0.92	3 458	4.10	0.97	3 399	4.22	0.92
Q07	3 067	4.25	0.79	3 188	4.35	0.73	3 459	4.32	0.72	3 405	4.38	0.73
Q08	3 064	3.97	0.94	3 182	3.96	0.95	3 457	3.94	0.97	3 403	3.97	0.96
Q09	3 042	4.40	0.77	3 158	4.39	0.78	3 435	4.34	0.82	3 381	4.39	0.82
Q10	3 067	4.11	0.89	3 183	4.19	0.87	3 453	4.13	0.89	3 397	4.23	0.86
Q11	2 272	4.08	0.87	2 389	4.14	0.87	2 531	4.10	0.88	2 539	4.15	0.88
Q12	3 056	4.15	0.83	3 161	4.20	0.81	3 443	4.17	0.82	3 383	4.25	0.79
Q13	3 046	4.13	0.75	3 175	4.17	0.74	3 452	4.14	0.74	3 390	4.18	0.75
Q14	3 053	4.00	0.95	3 168	4.07	0.92	3 453	4.05	0.94	3 386	4.09	0.92

Question number	2021			2022			2023			2024		
	n	M	SD									
Q15	3 061	4.20	0.90	3 180	4.26	0.86	3 449	4.15	0.94	3 392	4.25	0.91
Q18	3 052	0.99	0.35	3 163	0.99	0.31	3 427	1.02	0.35	3 370	1.00	0.32

Table 10: Yearly comparisons for Freestanding courses 2021- 2024

Question number	2021			2022			2023			2024		
	n	M	SD									
Q01	1 310	4.36	0.71	1 231	4.34	0.73	1 486	4.31	0.75	1 252	4.37	0.72
Q02	1 309	4.22	0.87	1 229	4.24	0.85	1 491	4.22	0.89	1 253	4.25	0.86
Q03	1 304	4.29	0.80	1 228	4.28	0.79	1 486	4.27	0.79	1 253	4.35	0.76
Q04	1 299	4.17	0.89	1 226	4.20	0.85	1 488	4.15	0.90	1 243	4.22	0.90
Q05	1 304	4.19	0.90	1 224	4.19	0.87	1 488	4.14	0.92	1 246	4.21	0.91
Q06	1 305	3.99	1.05	1 228	4.15	0.94	1 488	4.07	1.02	1 250	4.20	0.96
Q07	1 310	4.29	0.79	1 232	4.34	0.71	1 490	4.27	0.75	1 251	4.34	0.76
Q08	1 308	4.07	0.96	1 231	4.00	0.96	1 489	4.01	0.95	1 250	4.03	0.98
Q09	1 294	4.37	0.83	1 212	4.33	0.82	1 474	4.29	0.86	1 241	4.30	0.88
Q10	1 310	4.09	0.95	1 230	4.15	0.88	1 487	4.09	0.93	1 249	4.16	0.91

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Question number	2021			2022			2023			2024		
	n	M	SD									
Q11	814	4.08	0.91	773	4.00	0.92	938	4.02	0.92	783	4.04	0.92
Q12	1 308	4.19	0.83	1 225	4.19	0.84	1 483	4.18	0.81	1 246	4.22	0.82
Q13	1 300	4.19	0.75	1 228	4.19	0.73	1 487	4.17	0.74	1 248	4.21	0.77
Q14	1 301	4.05	0.94	1 220	4.04	0.95	1 488	4.04	0.94	1 244	4.05	0.97
Q15	1 303	4.13	0.97	1 229	4.18	0.89	1 483	4.08	1.00	1 245	4.15	0.99
Q18	1 296	1.00	0.34	1 223	1.01	0.30	1 472	1.03	0.36	1 241	1.02	0.35

Table 11: Yearly comparisons for Programme courses, 2021-2024

Question number	2021			2022			2023			2024		
	n	M	SD									
Q01	1 427	4.31	0.71	1 362	4.40	0.69	1 328	4.34	0.71	1 239	4.36	0.71
Q02	1 434	4.44	0.68	1 366	4.51	0.69	1 328	4.51	0.69	1 236	4.54	0.66
Q03	1 426	4.25	0.77	1 361	4.35	0.73	1 323	4.32	0.77	1 233	4.36	0.76
Q04	1 429	4.18	0.83	1 365	4.27	0.82	1 329	4.26	0.82	1 233	4.31	0.79
Q05	1 426	4.20	0.83	1 364	4.30	0.81	1 326	4.28	0.82	1 236	4.32	0.80
Q06	1 422	3.95	0.97	1 363	4.17	0.89	1 328	4.19	0.91	1 235	4.26	0.88

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Question number	2021			2022			2023			2024		
	n	M	SD									
Q07	1 430	4.20	0.81	1 366	4.31	0.77	1 327	4.33	0.73	1 239	4.35	0.77
Q08	1 429	3.87	0.93	1 361	3.89	0.99	1 325	3.81	1.04	1 238	3.89	0.99
Q09	1 422	4.45	0.70	1 358	4.51	0.69	1 318	4.49	0.72	1 229	4.52	0.74
Q10	1 428	4.10	0.84	1 364	4.20	0.88	1 321	4.19	0.85	1 236	4.26	0.83
Q11	1 185	4.06	0.86	1 127	4.18	0.84	1 090	4.15	0.85	1 037	4.18	0.84
Q12	1 425	4.11	0.83	1 358	4.20	0.80	1 320	4.18	0.82	1 230	4.26	0.76
Q13	1 420	4.08	0.75	1 362	4.15	0.78	1 325	4.15	0.76	1 230	4.17	0.74
Q14	1 424	3.95	0.98	1 362	4.13	0.89	1 323	4.08	0.92	1 232	4.13	0.93
Q15	1 430	4.27	0.83	1 364	4.34	0.83	1 326	4.29	0.84	1 234	4.35	0.83
Q18	1 427	0.95	0.36	1 361	0.95	0.33	1 320	0.97	0.33	1 228	0.97	0.31

Table 12: Yearly comparison for Research schools 2021 - 2024

Question number	2021			2022			2023			2024		
	n	M	SD									
Q01	329	4.22	0.85	589	4.23	0.75	643	4.23	0.69	916	4.32	0.75
Q02	329	4.39	0.69	592	4.46	0.67	644	4.38	0.71	917	4.47	0.69

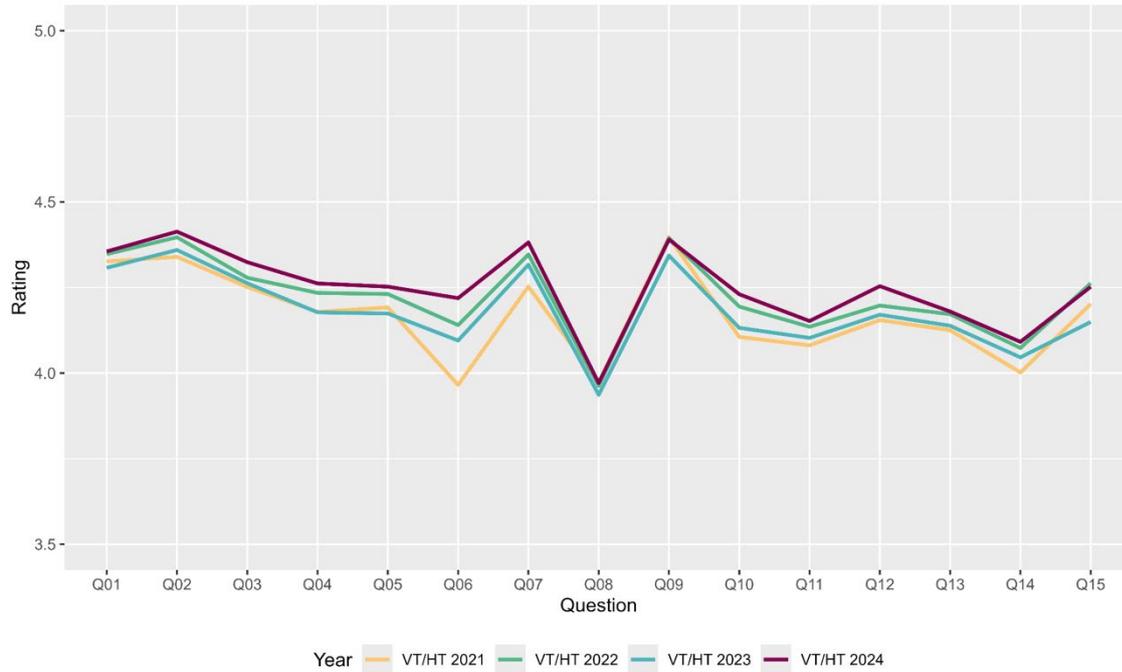
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Question number	2021			2022			2023			2024		
	n	M	SD									
Q03	329	4.09	0.85	592	4.11	0.84	645	4.12	0.80	913	4.23	0.81
Q04	329	4.21	0.83	590	4.22	0.83	643	4.07	0.88	916	4.24	0.85
Q05	329	4.15	0.89	591	4.16	0.86	639	4.04	0.90	913	4.21	0.88
Q06	328	3.94	0.99	592	4.04	0.91	642	3.96	0.93	914	4.18	0.90
Q07	327	4.34	0.76	590	4.44	0.66	642	4.41	0.61	915	4.48	0.63
Q08	327	4.05	0.87	590	4.07	0.81	643	4.03	0.83	915	3.99	0.90
Q09	326	4.27	0.82	588	4.25	0.83	643	4.16	0.88	911	4.34	0.81
Q10	329	4.19	0.84	589	4.28	0.81	645	4.12	0.87	912	4.28	0.80
Q11	273	4.18	0.81	489	4.25	0.83	503	4.16	0.87	719	4.23	0.87
Q12	323	4.21	0.80	578	4.20	0.80	640	4.12	0.86	907	4.29	0.80
Q13	326	4.07	0.72	585	4.19	0.67	640	4.04	0.71	912	4.16	0.73
Q14	328	4.04	0.81	586	4.01	0.92	642	3.99	0.96	910	4.09	0.84
Q15	328	4.22	0.87	587	4.25	0.83	640	4.02	0.97	913	4.26	0.87
Q18	329	1.07	0.33	579	1.03	0.25	635	1.08	0.34	901	1.03	0.28

**Figure 12: Mean ratings over years – All courses**

Trends: Mean ratings over years (2021-2024)

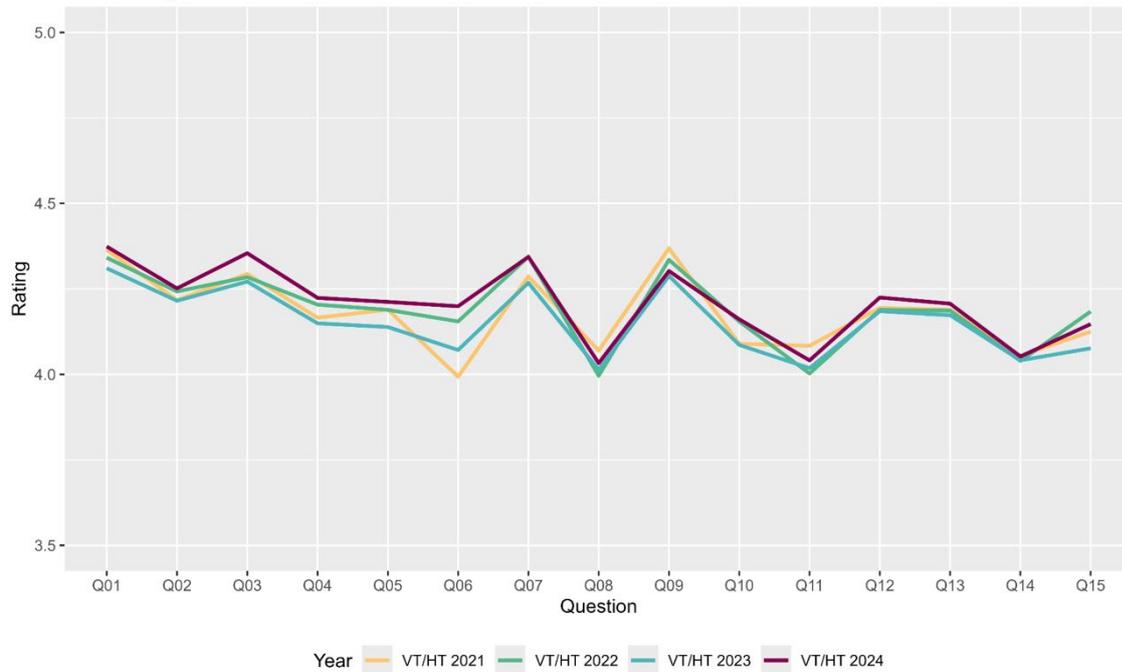
All courses



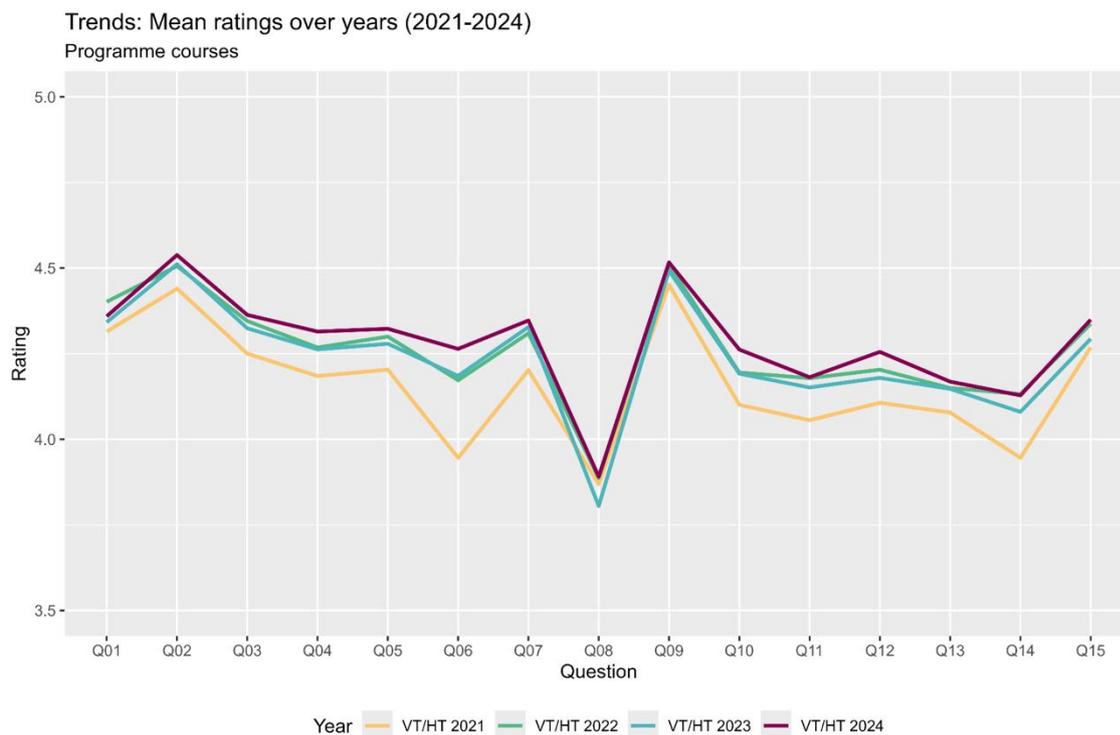
**Figure 13: Mean rating over years – Freestanding courses**

Trends: Mean ratings over years (2021-2024)

Freestanding courses

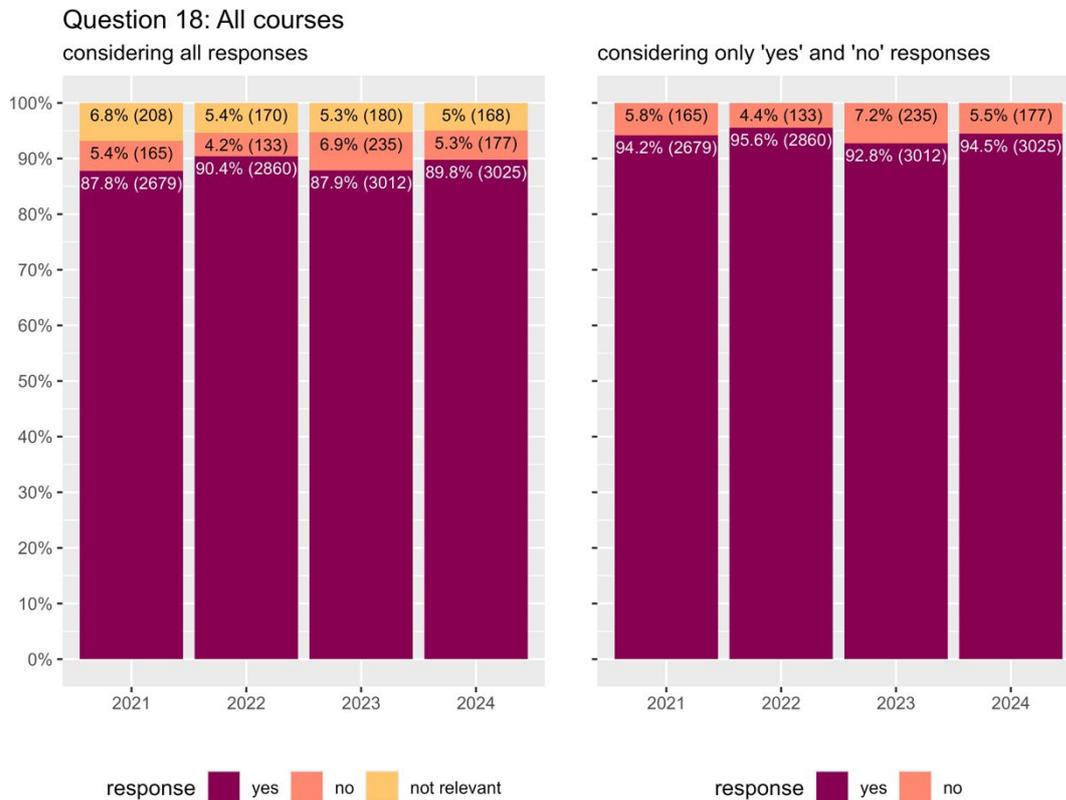


**Figure 14: Mean rating over years – Programme courses**

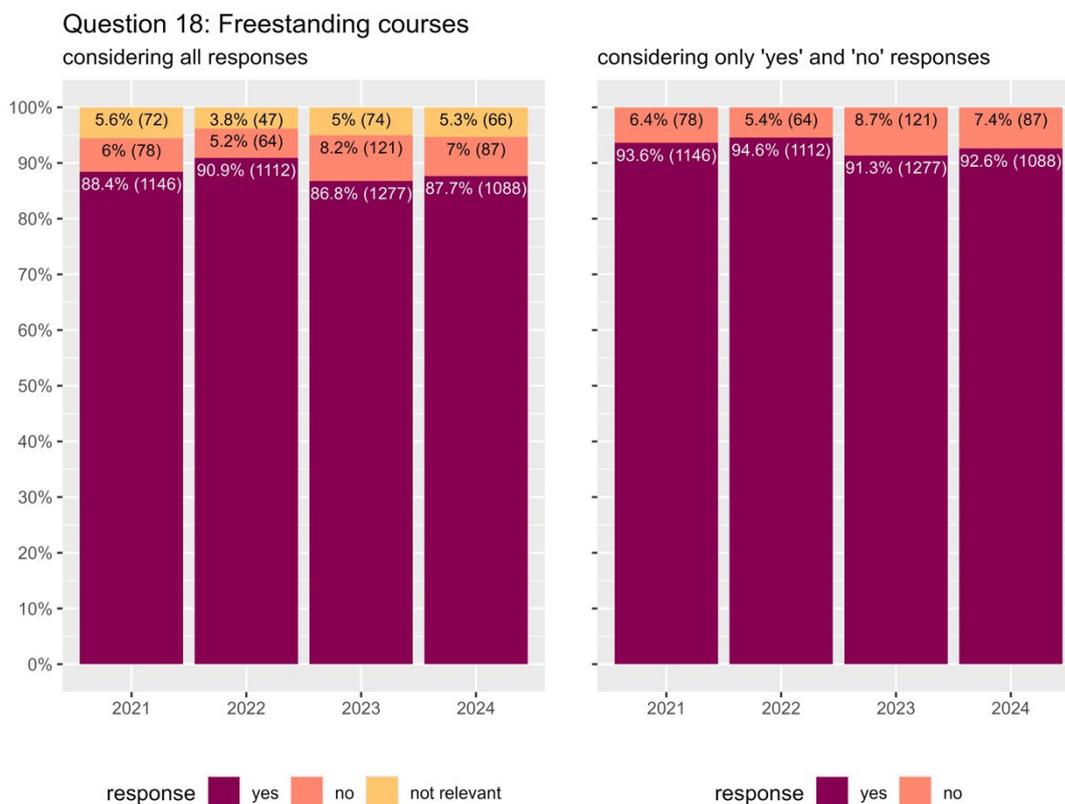


**Figure 15: Mean ratings over years – Research Schools**

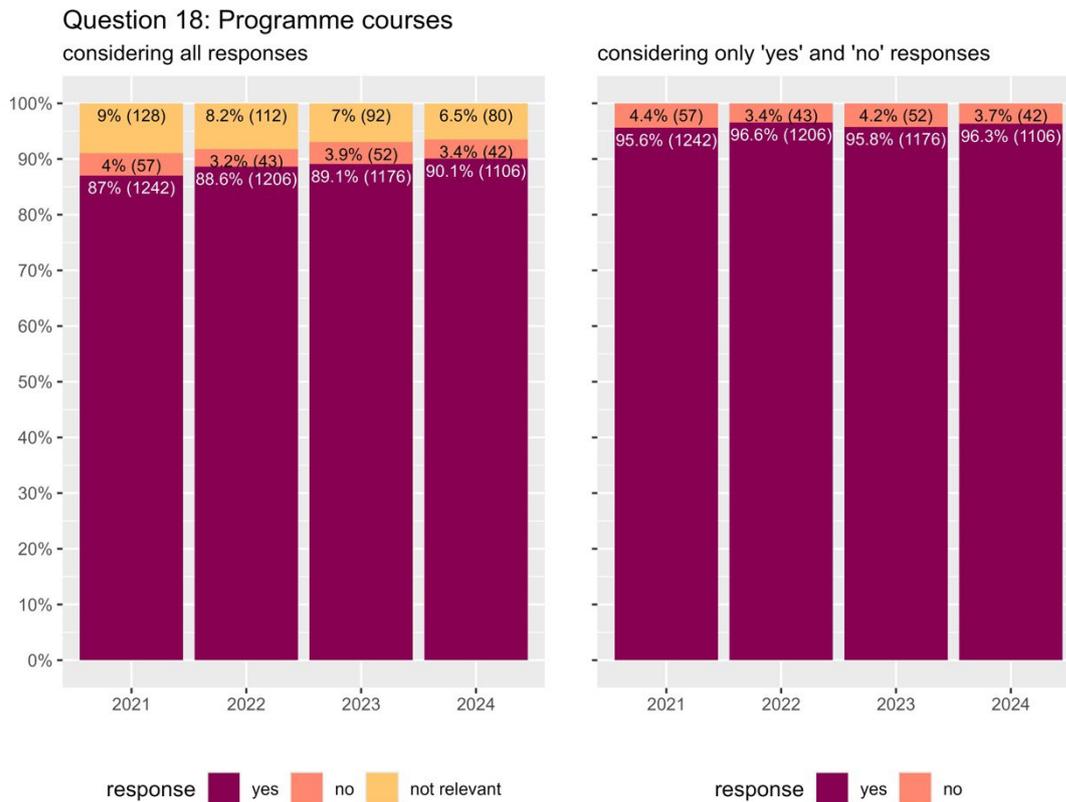


**Question 18 – Trends over years 2021–2024****Figure 16: Response distribution over years for Question 18 – All courses****Figure 17: Response distribution over years for Question 18 – Freestanding courses**

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**Figure 18: Response distribution over years for Question 18 – Programme courses**



**Figure 19: Response distribution over years for Question 18 – Research schools**

