



Animal genetics - health, behaviour and welfare HV0167, 40021.2021

15 Hp

Pace of study = 100%

Education cycle = Advanced

Course leader = Anna Silvera, Åsa Ohlsson

Evaluation report

Evaluation period: 2021-05-30 - 2021-06-20

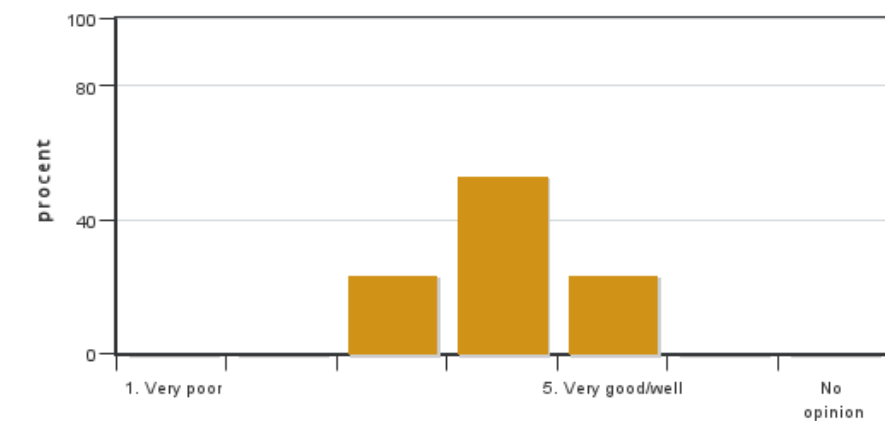
Answers 17

Number of students 21

Answer frequency 80 %

Mandatory standard questions

1. My overall impression of the course is:

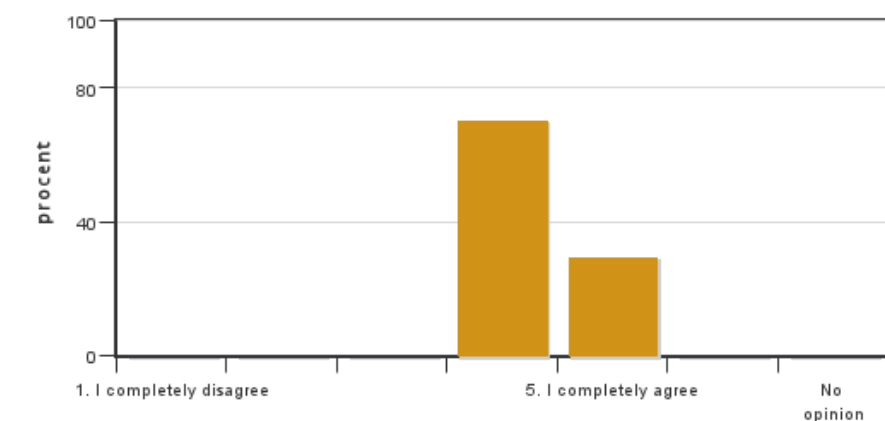


Answers: 17
Medel: 4,0
Median: 4

1: 0
2: 0
3: 4
4: 9
5: 4

No opinion: 0

2. I found the course content to have clear links to the learning objectives of the course.

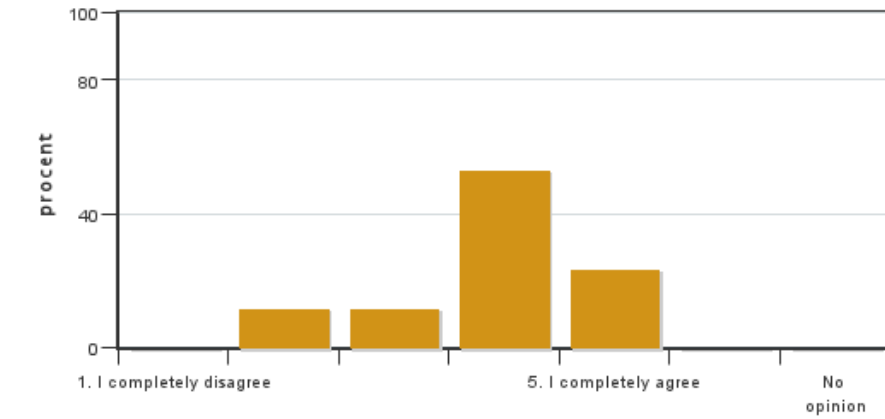


Answers: 17
Medel: 4,3
Median: 4

1: 0
2: 0
3: 0
4: 12
5: 5

No opinion: 0

3. My prior knowledge was sufficient for me to benefit from the course.

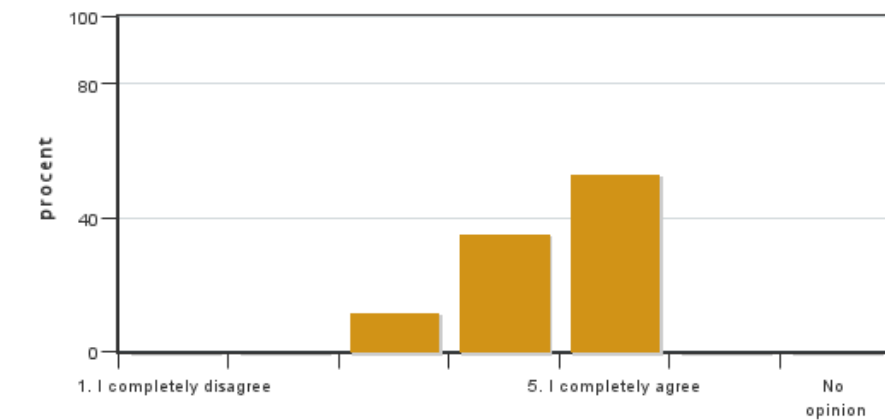


Answers: 17
 Medel: 3,9
 Median: 4

1: 0
 2: 2
 3: 2
 4: 9
 5: 4

No opinion: 0

4. The information about the course was easily accessible.

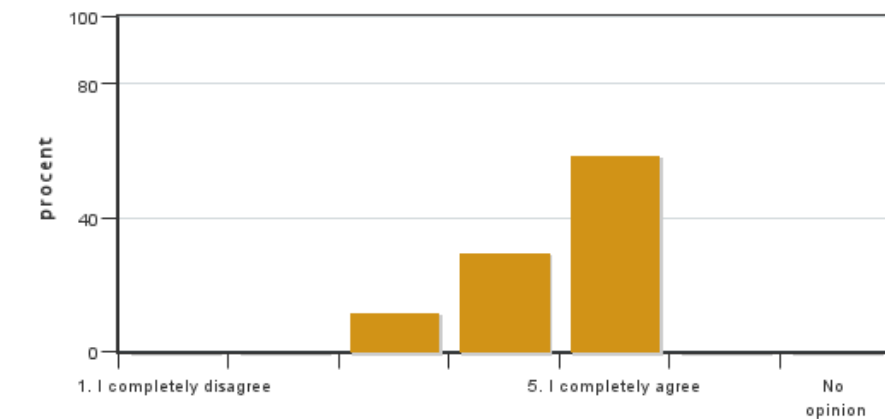


Answers: 17
 Medel: 4,4
 Median: 5

1: 0
 2: 0
 3: 2
 4: 6
 5: 9

No opinion: 0

5. The various course components (lectures, course literature, exercises etc.) have supported my learning.

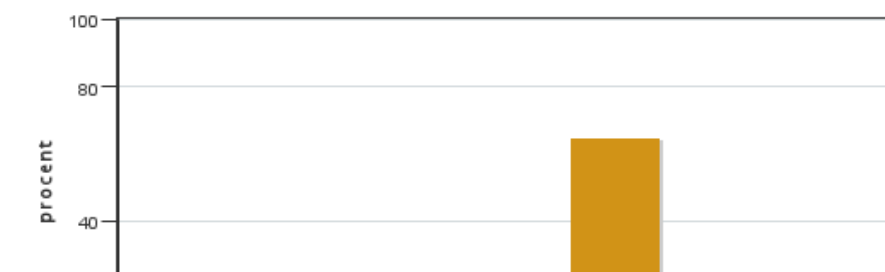


Answers: 17
 Medel: 4,5
 Median: 5

1: 0
 2: 0
 3: 2
 4: 5
 5: 10

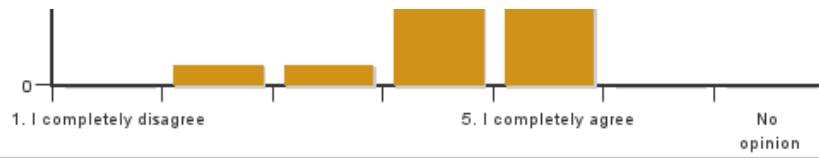
No opinion: 0

6. The social learning environment has been inclusive, respecting differences of opinion.



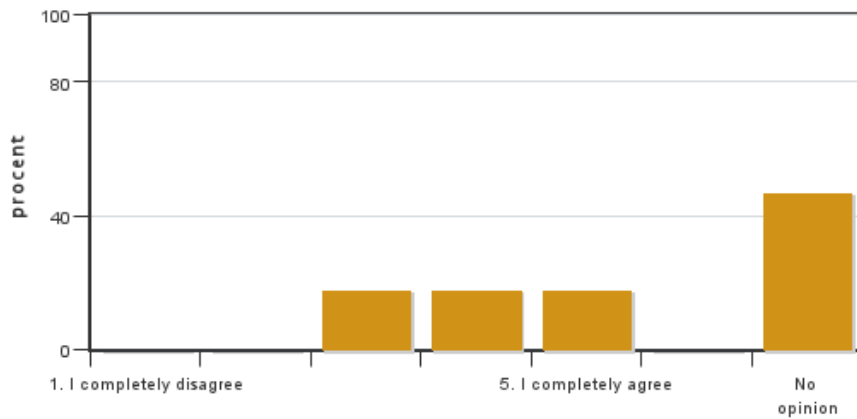
Answers: 17
 Medel: 4,5
 Median: 5

1: 0
 2: 1
 3: 1
 4: 4
 5: 11



No opinion: 0

7. The physical learning environment (facilities, equipment etc.) has been satisfactory.



Answers: 17

Medel: 4,0

Median: 4

1: 0

2: 0

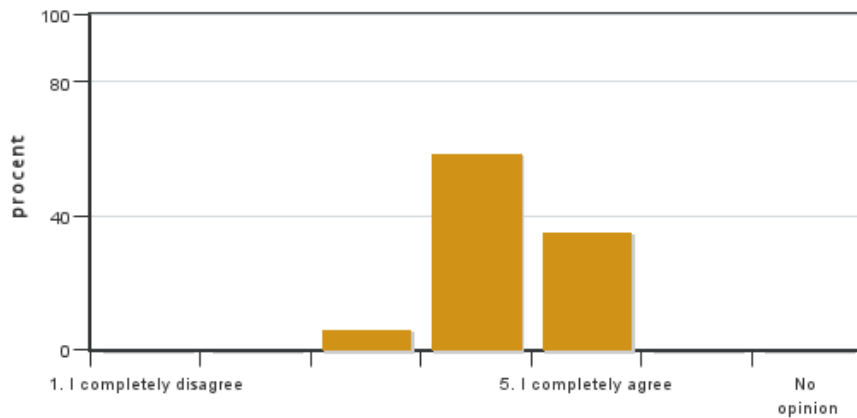
3: 3

4: 3

5: 3

No opinion: 8

8. The examination(s) provided opportunity to demonstrate what I had learnt during the course (see the learning objectives).



Answers: 17

Medel: 4,3

Median: 4

1: 0

2: 0

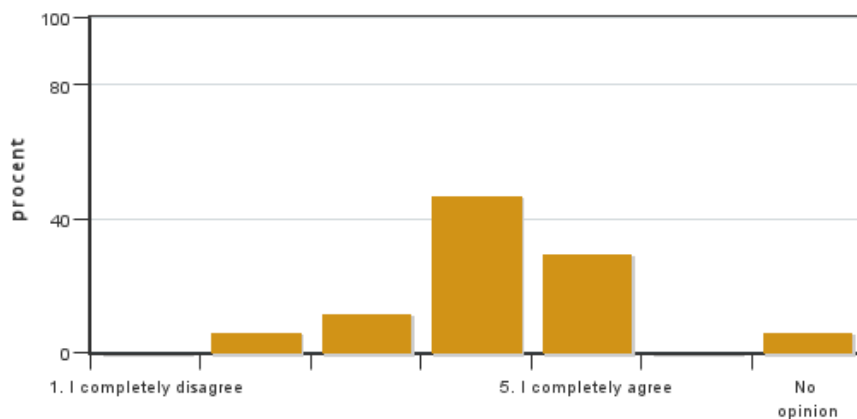
3: 1

4: 10

5: 6

No opinion: 0

9. The course covered the sustainable development aspect (environmental, social and/or financial sustainability).



Answers: 17

Medel: 4,1

Median: 4

1: 0

2: 1

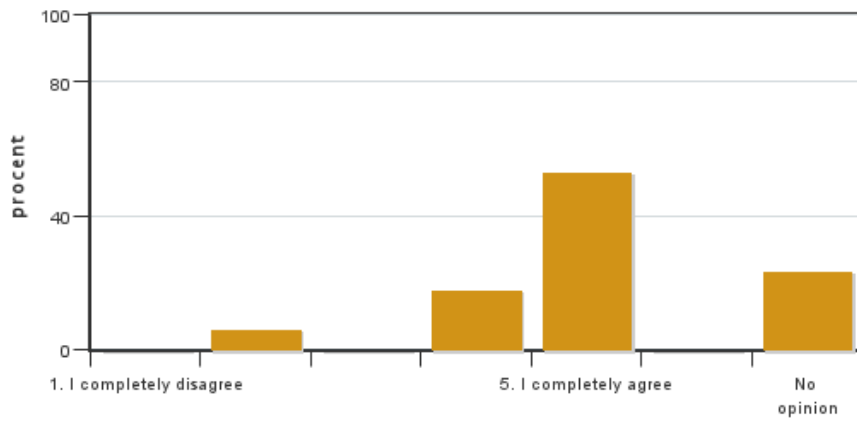
3: 2

4: 8

5: 5

No opinion: 1

10. I believe the course has included a gender and equality aspect, regarding content as well as teaching practices (e.g. perspective on the subject, reading list, allocation of speaking time and the use of master suppression techniques).

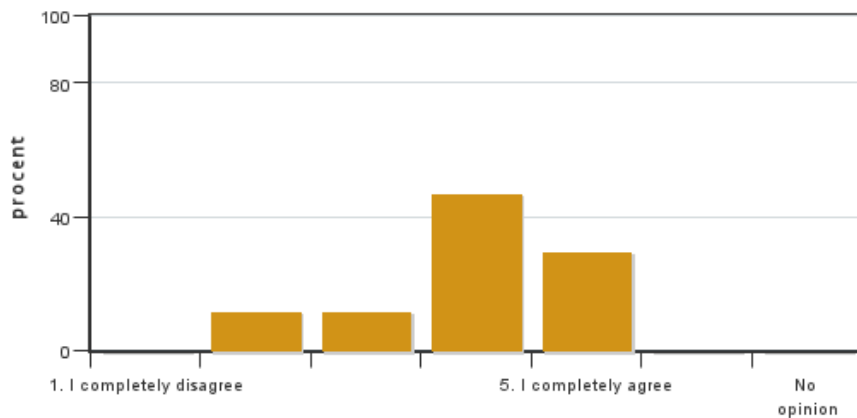


Answers: 17
 Medel: 4,5
 Median: 5

1: 0
 2: 1
 3: 0
 4: 3
 5: 9

No opinion: 4

11. The course covered international perspectives.

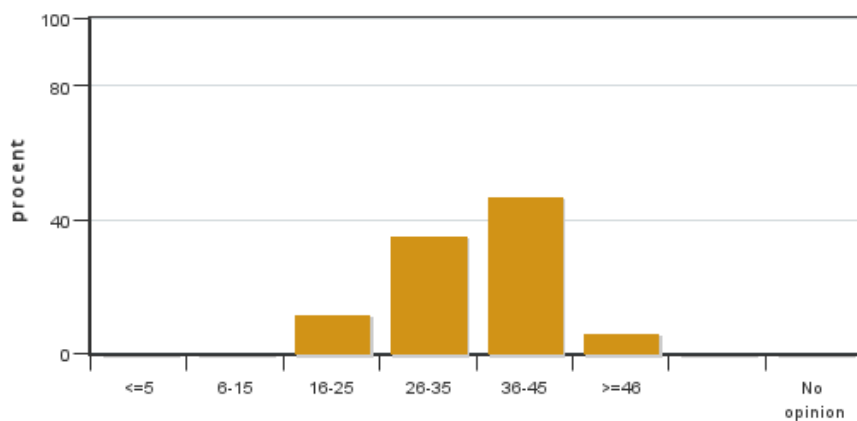


Answers: 17
 Medel: 3,9
 Median: 4

1: 0
 2: 2
 3: 2
 4: 8
 5: 5

No opinion: 0

12. On average, I have spent ... hours/week on the course (including timetabled hours).

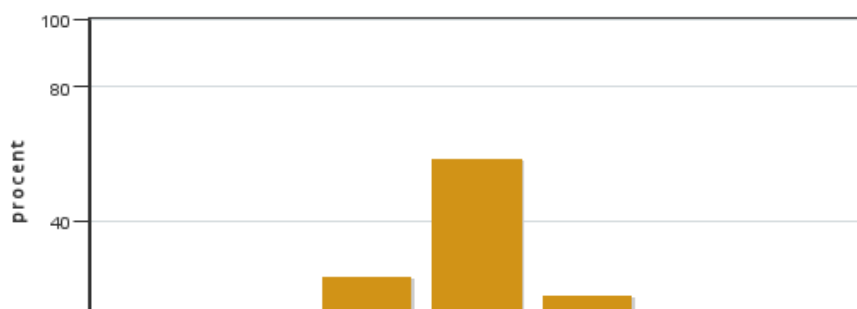


Answers: 17
 Medel: 34,5
 Median: 36-45

≤5: 0
 6-15: 0
 16-25: 2
 26-35: 6
 36-45: 8
 ≥46: 1

No opinion: 0

13. If relevant, what is your overall experience of participating in all or part of your course online?



Answers: 17
 Medel: 3,9
 Median: 4

1: 0
 2: 0
 3: 4
 4: 10
 5: 3

No opinion: 0

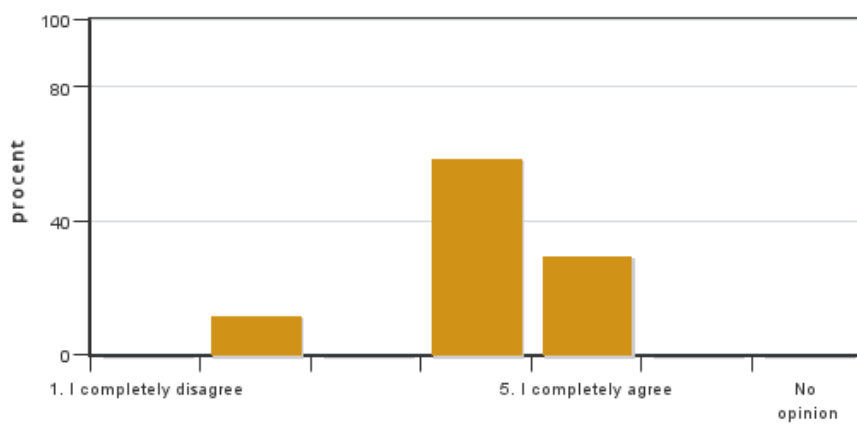


14. If relevant, please share what worked well when participating in teaching on distance

15. If relevant, please share what worked less well when participating in teaching on distance

Additional own questions

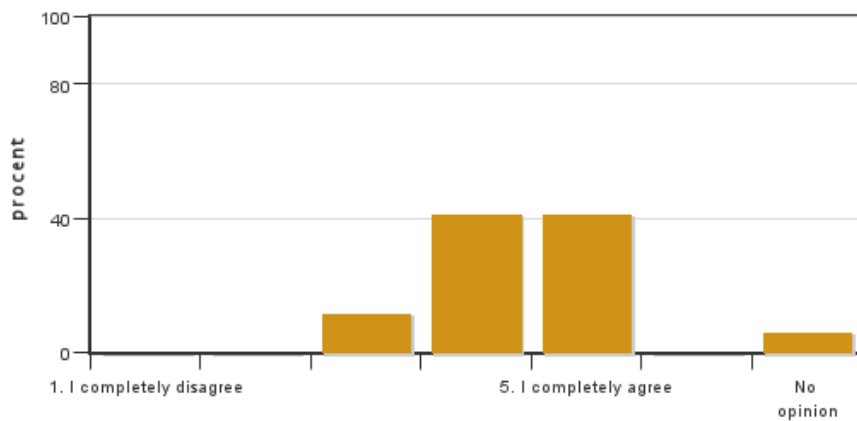
16. The lectures were well planned and supported my learning.



Answers: 17
 Medel: 4,1
 Median: 4

1: 0
 2: 2
 3: 0
 4: 10
 5: 5
 No opinion: 0

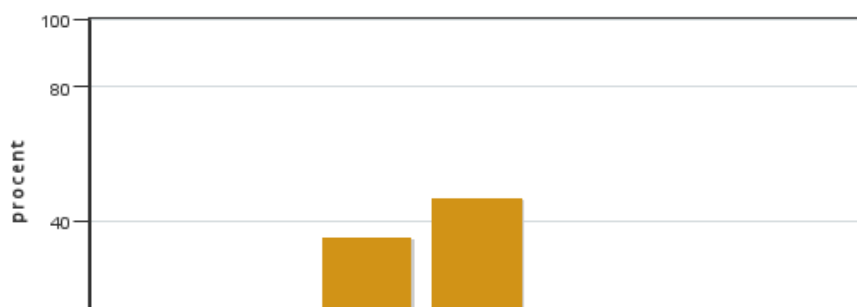
17. The course literature was interesting and I gained useful knowledge.



Answers: 17
 Medel: 4,3
 Median: 4

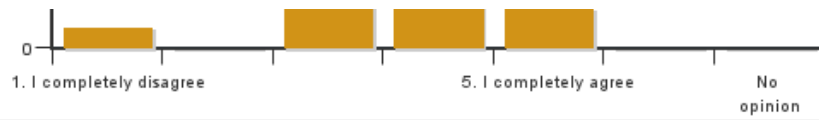
1: 0
 2: 0
 3: 2
 4: 7
 5: 7
 No opinion: 1

18. The case studies done in groups were well designed.

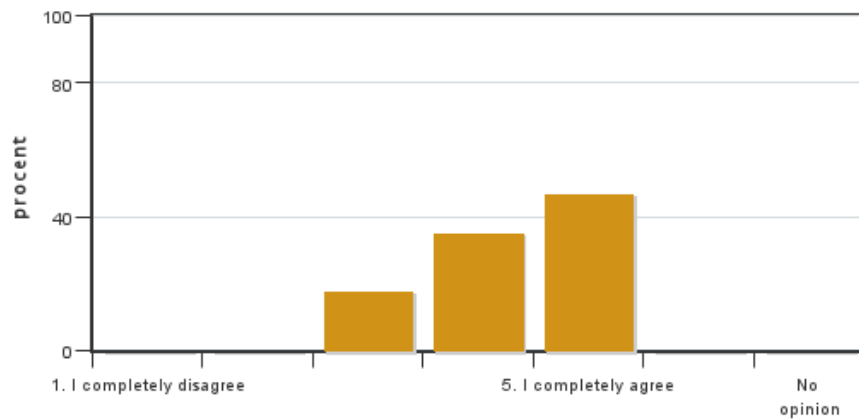


Answers: 17
 Medel: 3,6
 Median: 4

1: 1
 2: 0
 3: 6
 4: 8
 5: 2
 No opinion: 0



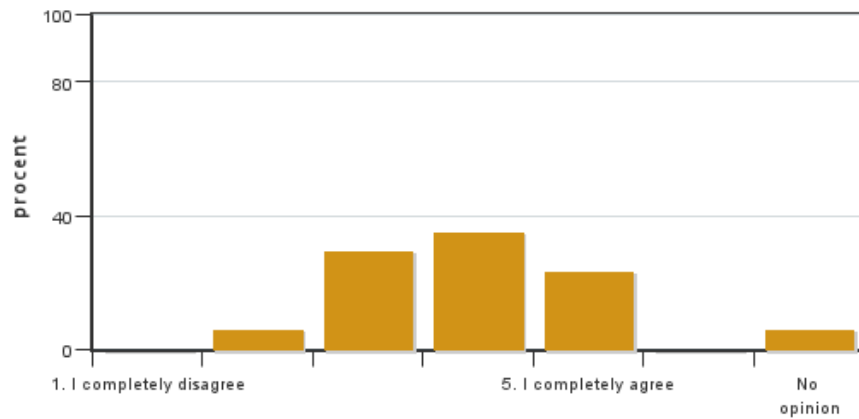
19. The 3 different cases were interesting and I gained useful knowledge.



Answers: 17
 Medel: 4,3
 Median: 4

1: 0
 2: 0
 3: 3
 4: 6
 5: 8
 No opinion: 0

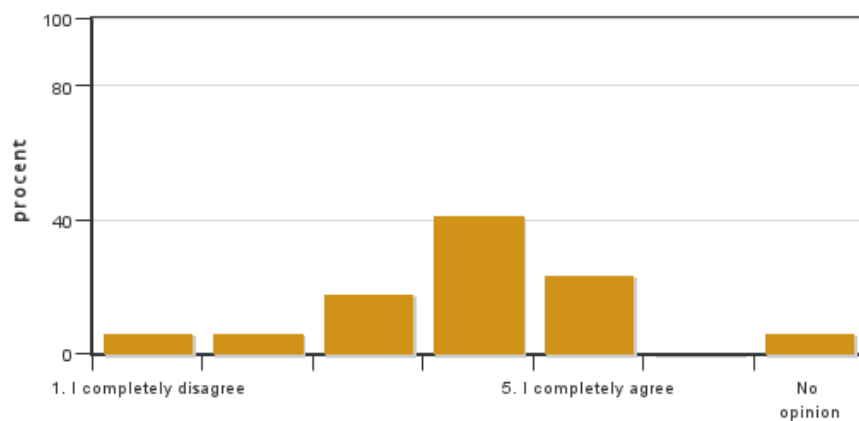
20. The first computer exercise (SAS) was interesting and I gained useful knowledge.



Answers: 17
 Medel: 3,8
 Median: 4

1: 0
 2: 1
 3: 5
 4: 6
 5: 4
 No opinion: 1

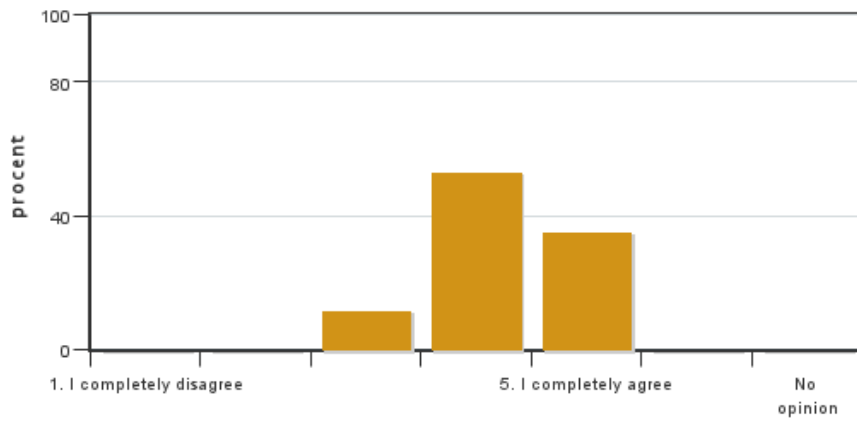
21. The second computer exercise (DMU) was interesting and I gained useful knowledge.



Answers: 17
 Medel: 3,8
 Median: 4

1: 1
 2: 1
 3: 3
 4: 7
 5: 4
 No opinion: 1

22. The individual project was well designed (instructions, time schedule...)

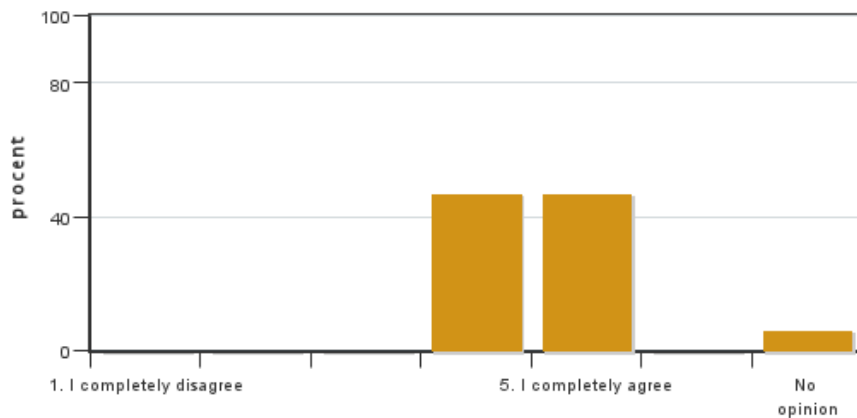


Answers: 17
 Medel: 4,2
 Median: 4

1: 0
 2: 0
 3: 2
 4: 9
 5: 6

No opinion: 0

23. The individual project was interesting and I gained useful knowledge.

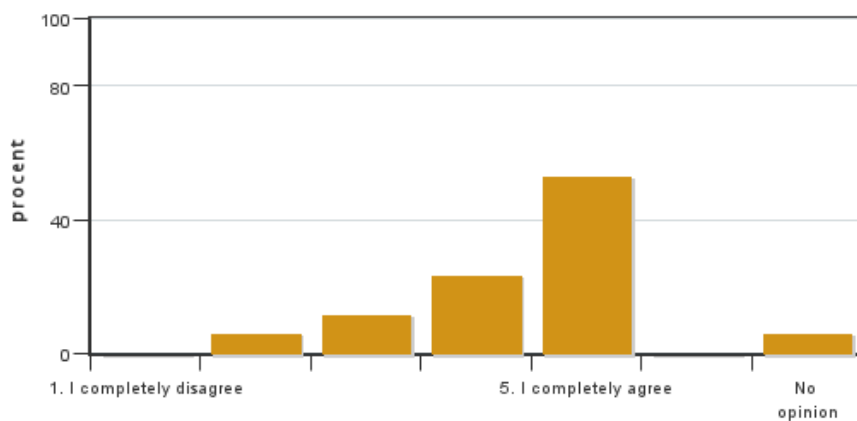


Answers: 17
 Medel: 4,5
 Median: 4.5

1: 0
 2: 0
 3: 0
 4: 8
 5: 8

No opinion: 1

24. This course has increased my interest in animal breeding and genetics.



Answers: 17
 Medel: 4,3
 Median: 5

1: 0
 2: 1
 3: 2
 4: 4
 5: 9

No opinion: 1

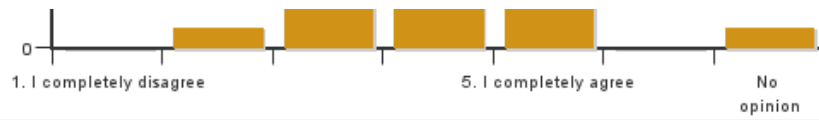
25. This course has increased my interest in animal behaviour.



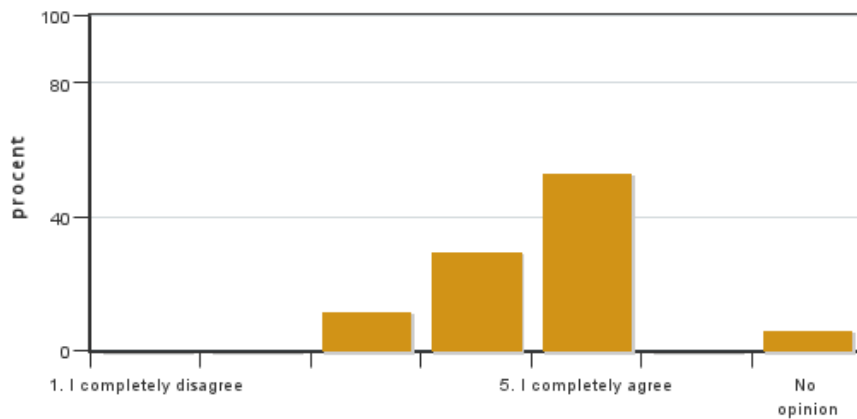
Answers: 17
 Medel: 4,2
 Median: 4.5

1: 0
 2: 1
 3: 3
 4: 4
 5: 8

No opinion: 1



26. This course has increased my interest in animal health.

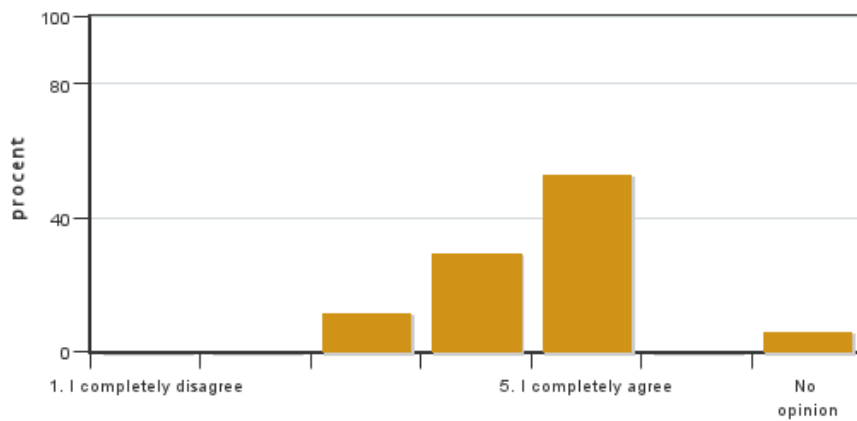


Answers: 17
Medel: 4,4
Median: 5

1: 0
2: 0
3: 2
4: 5
5: 9

No opinion: 1

27. This course has increased my interest in animal welfare.

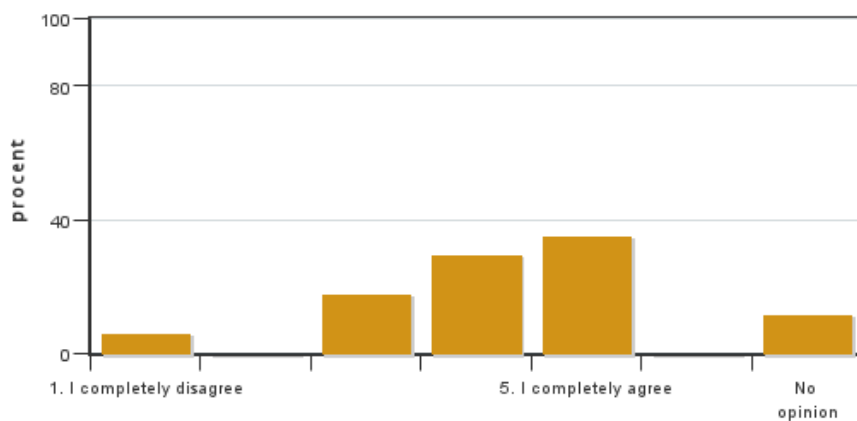


Answers: 17
Medel: 4,4
Median: 5

1: 0
2: 0
3: 2
4: 5
5: 9

No opinion: 1

28. This course has increased my interest for working in research in the future.



Answers: 17
Medel: 4,0
Median: 4

1: 1
2: 0
3: 3
4: 5
5: 6

No opinion: 2

29. In this course, I especially appreciated...

29. How can we improve the course?

29. My tips to the students for next year are...

Course leaders comments

Also this year the course was held 100% online due to the pandemic. 17 out of 20 students answered the course evaluation form and the overall impression of the course was good (average score of 4 out of 5) with 13 students scoring 4 or higher. The students managed to follow all deadlines and the presence on lectures was very high.

The students found that the learning progression is good and that the course requires good prior knowledge in genetics/animal breeding and statistics/mathematics. There are a lot of assignments and deadlines in the course, which requires the students to plan their work already at the start of the course, something that the students emphasize the importance of in the evaluation.

The course includes an individual project, where the students plan a scientific study and write a research application on a topic of their own choice. The overall impression of this part of the project was high and it was appreciated. For next year the oral presentations may be spread on more than two days (depending on the number of students on the course), to make these days less intense and to enable more time for questions and discussions. The students presented interesting projects with a spread of topics and species and participated actively in the discussions.

The students appreciated the group work where they study three cases. The instructions and coherence between teachers involved will be improved to next year.

The computer exercises were not done by the students themselves this year, due to the online format. Instead the teacher run the programs with a shared screen and discussed the analyses with the students. It worked well, but this exercise is probably more suited to class room teaching.

To next year's course more of environmental sustainability from a One health perspective , animal ethics and animal breeding outside EU will be added.

The summary of the Student representative are well in line with the messages from the written evaluation.

Student representatives comments

Course evaluation

Animal genetics -health, behaviour and welfare HV0167 VT2021

Comments from student representative:

Response rate was 80 % of 21 students which gives quite representative picture of how students have perceived the content, practices and schedule of this course that was held online. Overall impression was that the course was partly very time consuming and advanced but many students were also pleased with the course: Ratings were often 4-5 and contained many compliments in addition to critique and suggestions for the future.

Compliments included helpful and knowledged teaching staff, a variety of topics covered in animal genetics and breeding, and getting chances to work more with species and subjects that interest students personally. Some students mentioned they already had strong interest in animal genetics and breeding and through the comments it was visible that many enjoyed learning new things even though the course was found quite challenging and time consuming from time to time. Also, although online, many seemed to be satisfied enough especially with online lectures and got useful tools for the future.

Some critique that was raised many times were for example minor conflicting guidance between teachers in case group works, very tight schedule, lack of hands-on experience for computer exercise and coding (which was online), lack of "how to" recorded materials for different methodology. Students hoped that these aspects would be addressed at course in the future. Only a very minor number found the course too challenging or too easy to their level/too much repetition for their previous courses. Some students wished for more environmental aspects and more inclusion of a more global view of animal breeding. Also, describing realistic real life situations during lectures about animal breeding and livestock conditions might have supported the case studies.

On average, time spent on a course was 26-35 and 36-45 hours per week and according to students, would require high commitment and also self-organisation as well as efficient information retrieval skills to pass the course in a satisfying way. Following aspects were highlighted by students for future participants: reading course evaluation,

organisation and starting reading literature early, really using time well to get to know material and start to learn early/beforehand. Also previous knowledge on statistics was mentioned as beneficial.

Kontakta support: support@slu.se - 018-67 6600