Summer 2020 Brown School Instructor Report for SU2020.S55.MPH.5976.01 - Skill Lab: Introduction to Python for Public Health Data Analysis (Dominique Lockett)

Project Title: **Summer 2020 Course Evaluations - Danforth Campus**

Courses Audience: **10**
Responses Received: **8**
Response Ratio: **80.0%**

Report Comments

Welcome to your Instructor Report for WashU Course Evaluations. Below you will find response data from the specified course section. Responses to personalized questions appear at the bottom of the report.

The intention of this report is to provide feedback, and also to prompt improvement in areas that may be lacking. This report is accessible to appropriate department level and school level users, as determined by your school. We appreciate your dedication to our learning community at Washington University.

If you have questions about this report, please contact evals@wustl.edu

Creation Date: **Tuesday, August 25, 2020**

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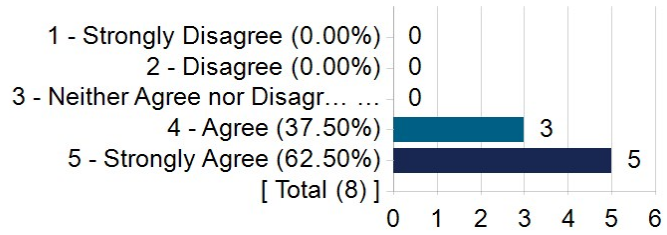
Course and Instructor Evaluation

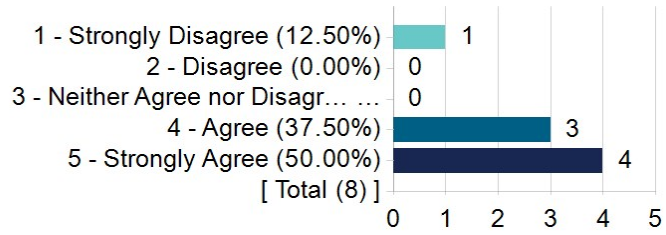
Course Design

Question	Score			
	Response Count	Mean	Standard Deviation	Median
The course was designed to teach and practice one or more skills.	8	4.63	0.52	5.00
The course was well organized.	8	4.13	1.36	4.50

1. The course was designed to teach and practice one or more skills.



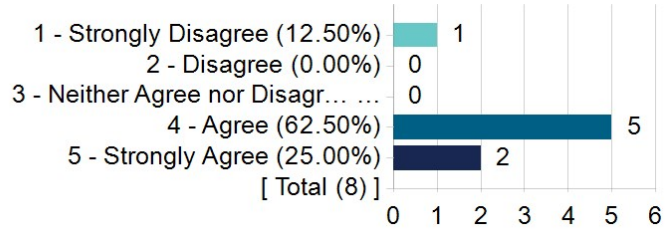
2. The course was well organized.



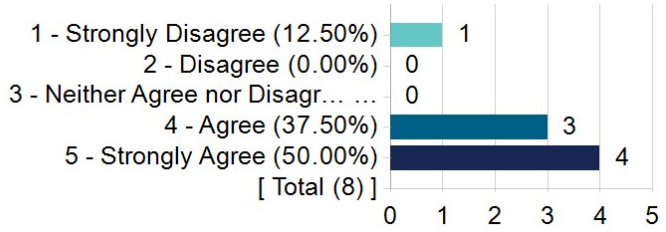
Course Activities

Question	Score			
	Response Count	Mean	Standard Deviation	Median
Lectures held my interest and advanced my learning.	8	3.88	1.25	4.00
Class exercises, cases & discussions held my interest, and advanced my learning.	8	4.13	1.36	4.50
Readings were relevant and advanced my learning.	4	3.75	1.89	4.50
Assignments helped me understand course content and advanced my learning.	8	4.25	1.39	5.00
Assignments were clearly explained.	8	3.75	1.49	4.00
The amount of reading and assignments were appropriate for a 1 credit course.	8	4.25	1.39	5.00
The course used hands-on active learning methods.	8	4.63	0.52	5.00
The course required that students practice the skill(s) they learned about.	8	4.63	0.52	5.00
The course format (schedule of days, hours, amount of time in between class sessions) was appropriate for the learning the skill(s) in this course.	8	4.13	1.13	4.50
The course description and syllabus accurately summarized this class.	8	4.63	0.74	5.00

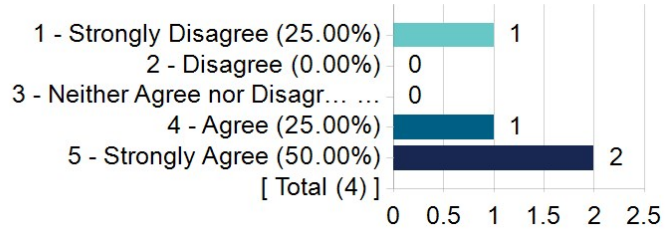
1. Lectures held my interest and advanced my learning.



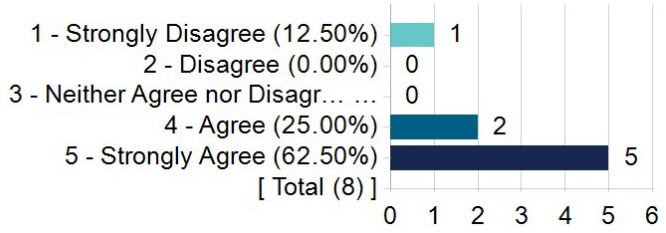
2. Class exercises, cases & discussions held my interest, and advanced my learning.



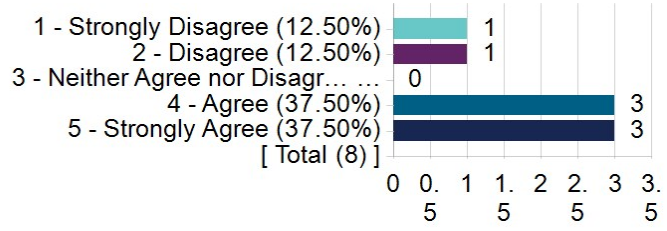
3. Readings were relevant and advanced my learning.



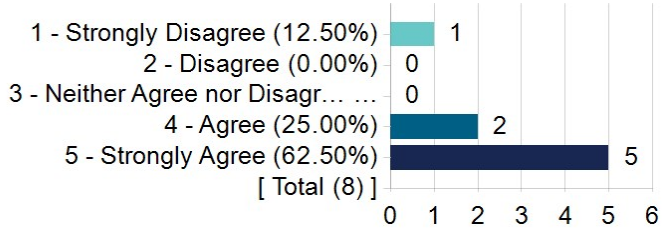
4. Assignments helped me understand course content and advanced my learning.



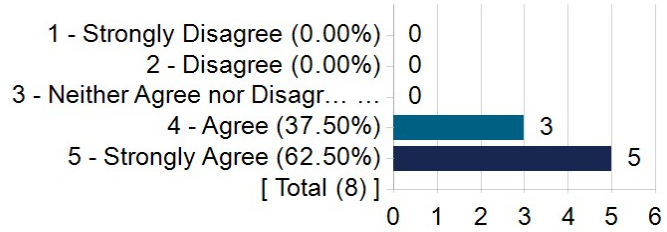
5. Assignments were clearly explained.



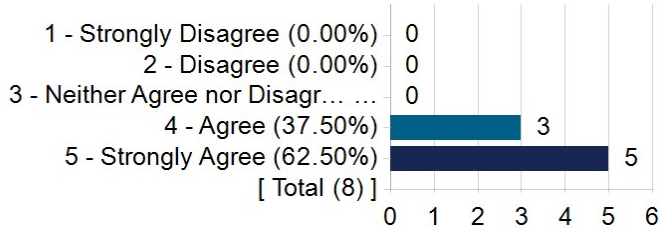
6. The amount of reading and assignments were appropriate for a 1 credit course.



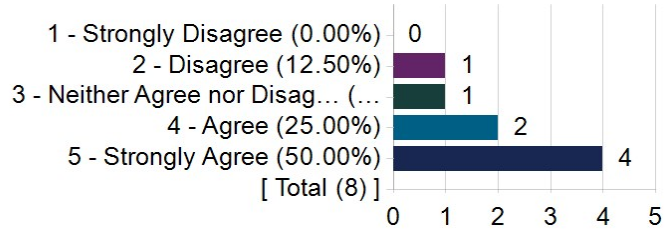
7. The course used hands-on active learning methods.



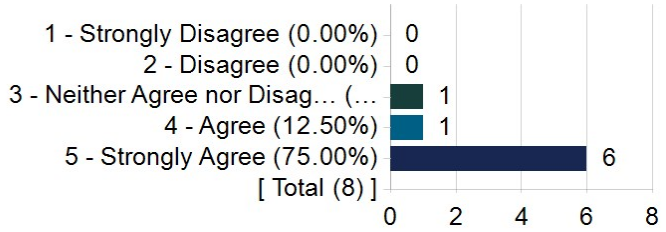
8. The course required that students practice the skill(s) they learned about.



9. The course format (schedule of days, hours, amount of time in between class sessions) was appropriate for the learning the skill(s) in this course.



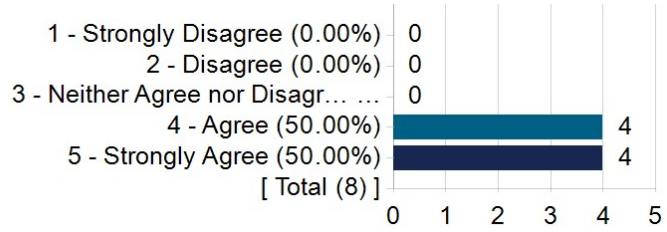
10. The course description and syllabus accurately summarized this class.



Course Feedback for Dominique Lockett

Question	Score			
	Response Count	Mean	Standard Deviation	Median
The instructor provided a clear explanation of the skill(s) to be developed.	8	4.50	0.53	4.50
The instructor or other class activities demonstrated the skill(s) to be developed.	8	4.63	0.52	5.00
The instructor provided feedback on each student's efforts to apply the skill(s).	8	4.25	1.04	4.50
The instructor provided additional learning resources that helped me develop the skill(s).	8	4.00	1.31	4.50
The instructor clearly defined grading criteria.	8	4.13	0.99	4.00
The instructor returned tests and assignments in a timely manner.	8	5.00	0.00	5.00
Feedback from the instructor on assignments indicated strengths and weaknesses.	8	4.25	1.16	5.00
Feedback from the instructor improved my skills.	8	3.88	1.36	4.00

1. The instructor provided a clear explanation of the skill(s) to be developed.



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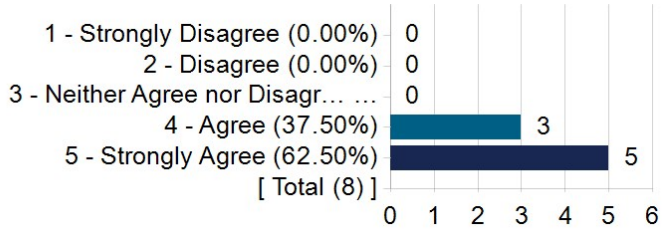
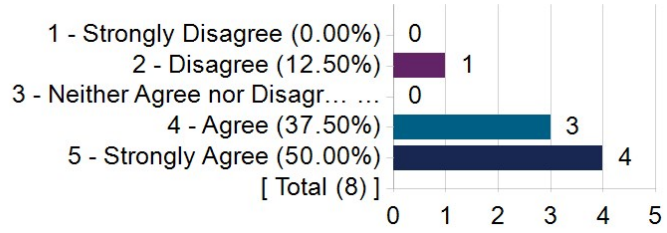
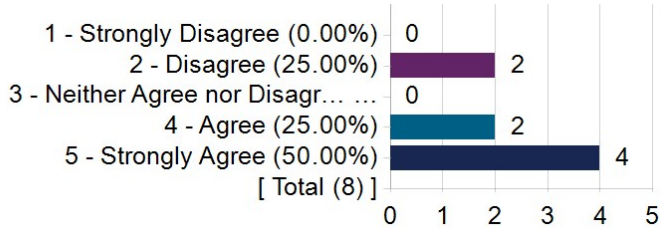


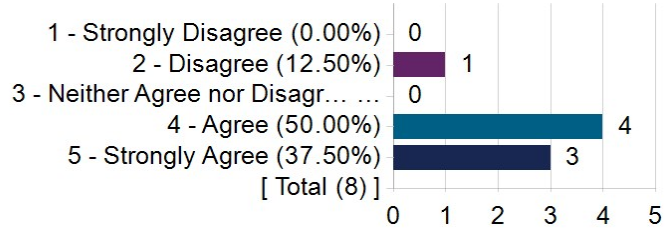
3. The instructor provided feedback on each student's efforts to apply the skill(s).



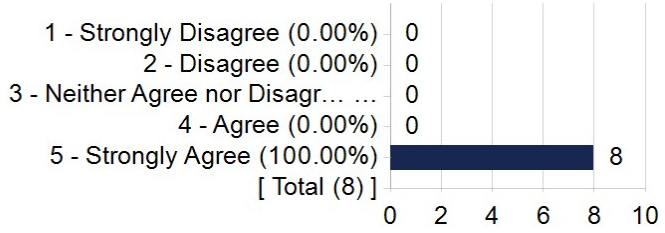
4. The instructor provided additional learning resources that helped me develop the skill(s).



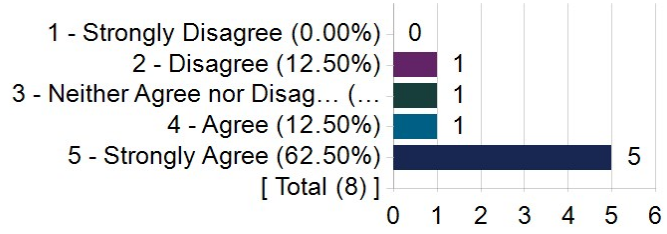
5. The instructor clearly defined grading criteria.



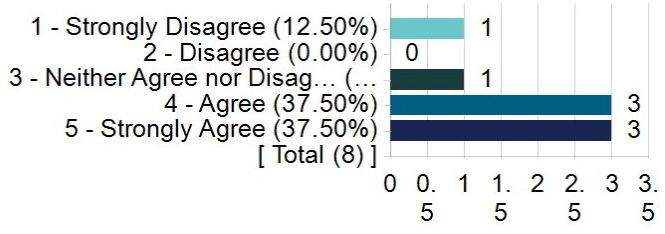
6. The instructor returned tests and assignments in a timely manner.



7. Feedback from the instructor on assignments indicated strengths and weaknesses.



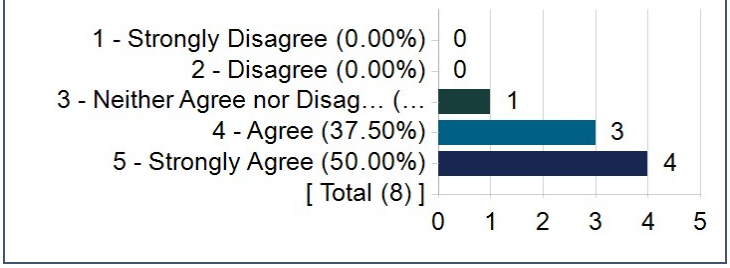
8. Feedback from the instructor improved my skills.



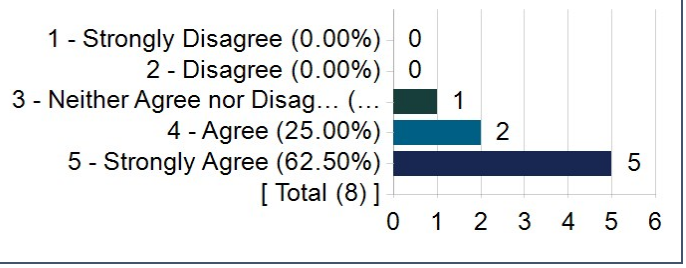
Instructor Questions for Dominique Lockett

Question	Score			
	Response Count	Mean	Standard Deviation	Median
The instructor encouraged classroom participation and open discussion.	8	4.38	0.74	4.50
The instructor expressed enthusiasm for course material.	8	4.50	0.76	5.00
The instructor conveyed high expectations.	8	4.50	0.76	5.00
The instructor demonstrated expertise in course material.	8	4.00	1.41	4.50
The instructor appeared well prepared for class.	8	4.13	1.36	4.50
The instructor was available for meetings outside of class.	6	4.00	1.55	4.50
The instructor was concerned about the professional development of students.	8	4.25	1.39	5.00
Overall, I was satisfied with the quality of teaching in this course.	8	4.00	1.31	4.00

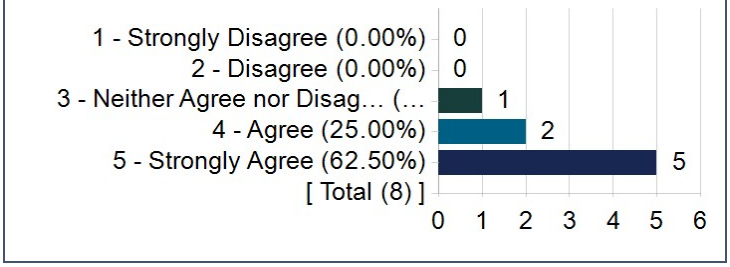
1. The instructor encouraged classroom participation and open discussion.



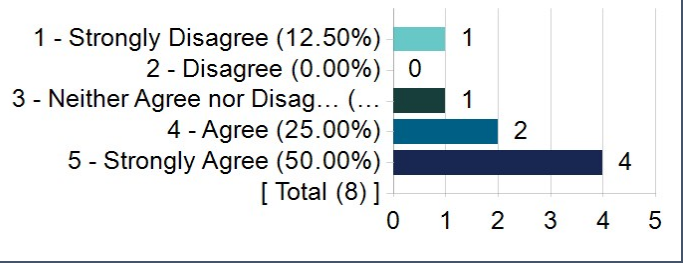
2. The instructor expressed enthusiasm for course material.



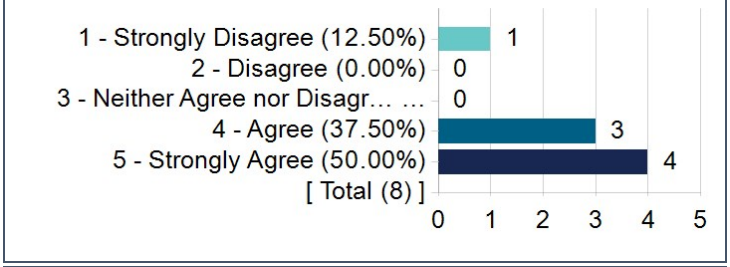
3. The instructor conveyed high expectations.



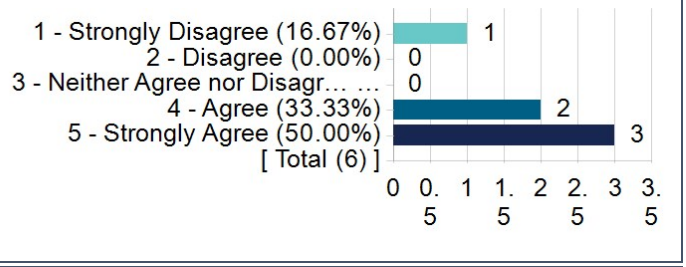
4. The instructor demonstrated expertise in course material.



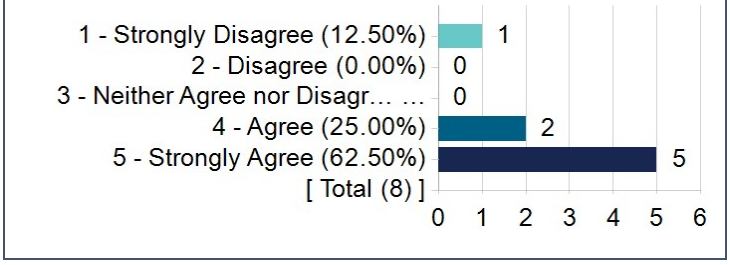
5. The instructor appeared well prepared for class.



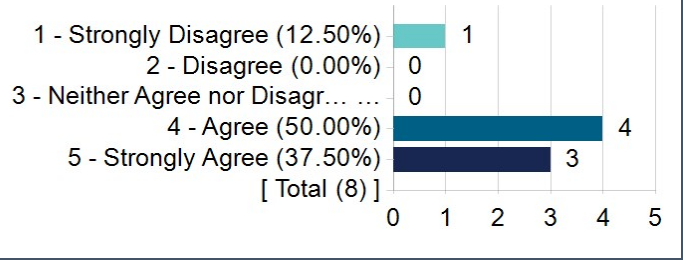
6. The instructor was available for meetings outside of class.



7. The instructor was concerned about the professional development of students.



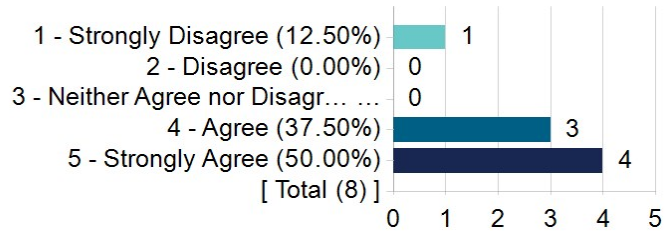
8. Overall, I was satisfied with the quality of teaching in this course.



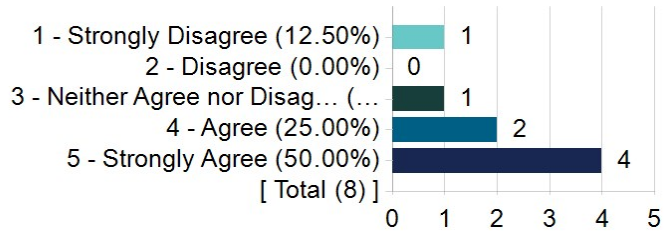
Educational Outcomes

Question	Score			
	Response Count	Mean	Standard Deviation	Median
The course substantially expanded my knowledge and understanding of the subject.	8	4.13	1.36	4.50
The course prepared me well to use one or more skills.	8	4.00	1.41	4.50
The course was sufficiently challenging.	8	4.13	1.36	4.50
Overall, I was satisfied with the course.	8	4.00	1.31	4.00

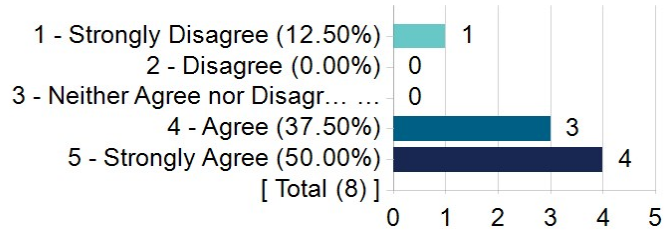
1. The course substantially expanded my knowledge and understanding of the subject.



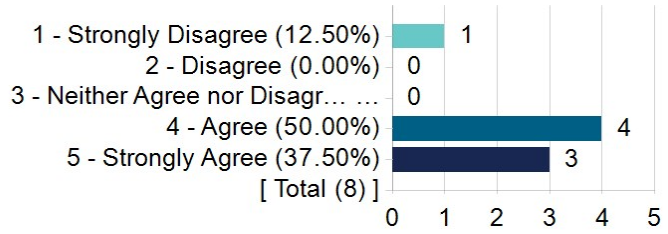
2. The course prepared me well to use one or more skills.



3. The course was sufficiently challenging.



4. Overall, I was satisfied with the course.



Classroom Environment

Dominique Lockett promoted an inclusive learning environment with regard to the diversity of student personal backgrounds and identities.

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Options	Count	Percentage
1 - Strongly Disagree	1	12.50%
2 - Disagree	0	0.00%
3 - Neither Agree nor Disagree	0	0.00%
4 - Agree	1	12.50%
5 - Strongly Agree	6	75.00%

Please explain your answer to the above diversity question, giving specific examples.

Comments
She acknowledged that there were a variety of learners in the class and that there were different expectations for each, such as the professional development students or those who were taking the course for credit. She also did a great job finding examples relevant to the field of the students.
The instructor made time for discussion, answering questions, and providing feedback during class sessions.
Dominique was very accommodating and intentional about meeting everyone where they are in regard to skillset and coding experience.

Qualitative Feedback

Did the course format cause any special problems?

Comments
Yes, I was unable to access zoom the first two days. The links on Canvas required a password and I couldn't find one. I had to email and get a link to join the first day. It took me so long to get on the second day that I missed most of the discussion. As Canvas was being used for lectures and assignments I wish the inbox had been used for messages too since it was confusing having to go to a separate email account.
No. It was ideal.
Zoom & technology failures Although the course was billed as public health , this was not well integrated into the course .

How can this course be improved to facilitate student learning?

Comments
Let students know in advance what to expect with the online learning. I was caught by surprise the first day that the lecture was actually just discussion and videos should have been watched before hand. I had arranged my schedule to allow for afternoons doing work for this class but had to make some last minute adjustments after day 1.
1) Mac Python/Anaconda installation instructions– I was blessed to have connections to people who knew Python on Mac well, if I hadn't though I worry I would have had substantial difficulties finishing the exercises. 2) Increased learning about making figures in Python & exporting of figures from Python for publications 3) Other basic statistical tests– t–tests, ANOVAs
Didn't like prerecordings , live format would have been better.

Compared to a typical 3-credit hour course, how would you rate the amount of learning and overall value of this 1-credit hour Skill Lab?

Comments
Fast–paced and it is nice to have the short deadlines to get in and get the work done.
It felt like a 10–credit course
I arguably learned more useful skills than in some of my typical 3 credit hour courses.
It is very comparable, I learned much more than what I was expecting for a 1 credit class.
Good introductory course,

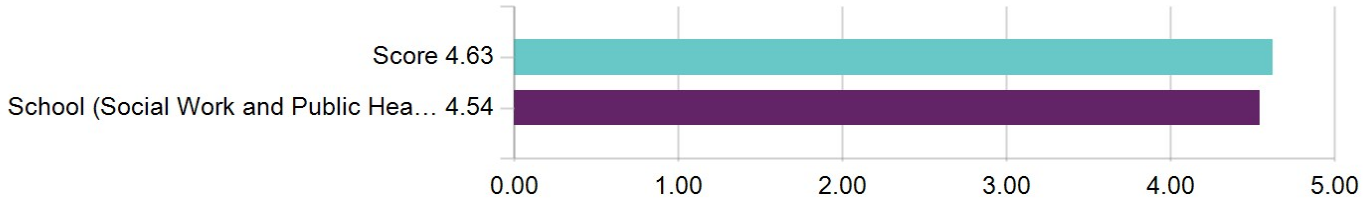
Other Comments

Comments
It appeared the technology I was using was newer than in the lecture videos, some of the commands didn't work the same. Also it would have helped to know the differences between mac and windows rather than just say there were differences.
The instructor would teach you A and B and then expect you to somehow get all the way to Z. When you followed up and asked questions via email, she would ignore your question. When you then got things wrong on the assignment, she would ruthlessly take off points without an explanation of why missing one comma resulted in a 50% for an assignment. I would not recommend this course with this instructor to anyone. When I asked her a question her response was to "google it." Why am I taking this course with this instructor if she expects me to google and not ask questions? There was not sufficient sample code to complete the final project and the instructor made it clear that she did not want to assist in any way.
Dominique was a great instructor. Incredibly organized and clearly an expert. I would never have guessed this was her first time teaching this course. Wonderful job
Prof. Lockett is an amazing professor, her videos were very useful and easy to understand. I hope she will consider giving this skill lab again.
It would be helpful to know which Python packages are needed at the beginning of the course, so we can focus on learning the lecture material in lieu of going back and forth between installing packages.

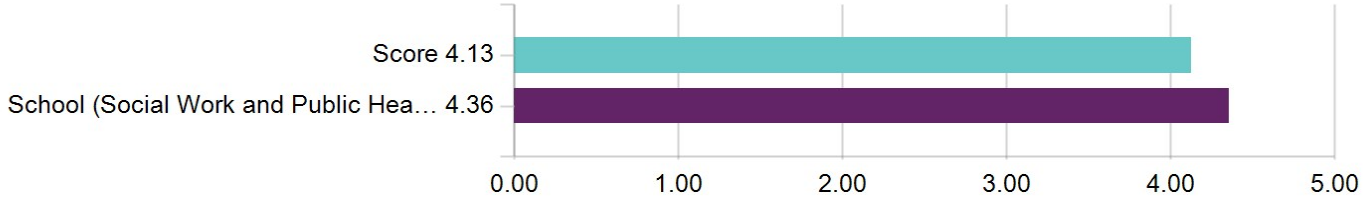
Comparison Detail for Course and Instructor

Course Design

1. The course was designed to teach and practice one or more skills.

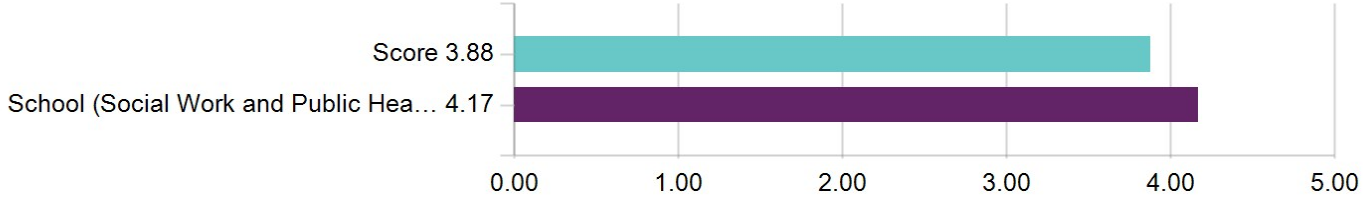


2. The course was well organized.

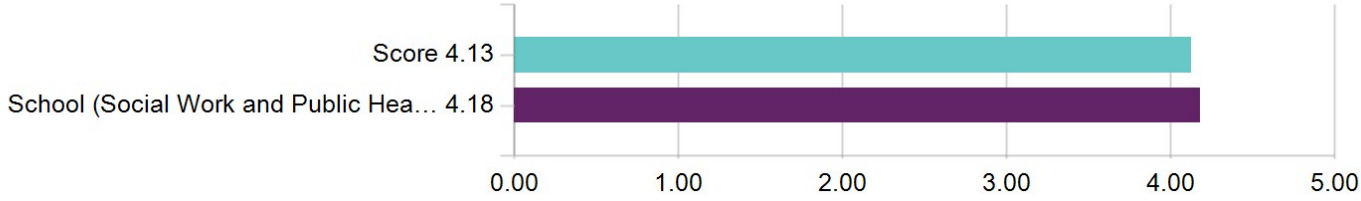


Course Activities

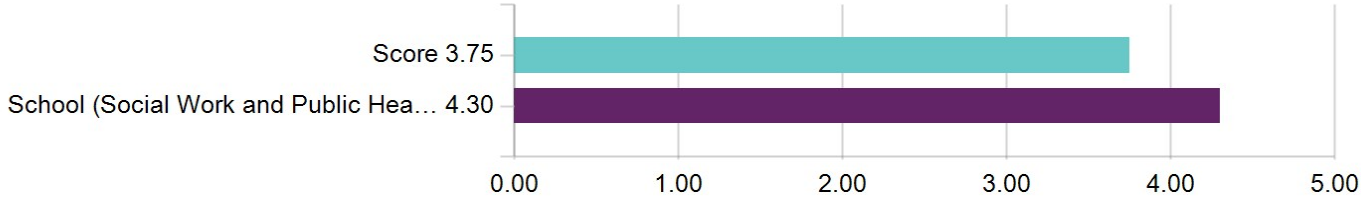
1. Lectures held my interest and advanced my learning.



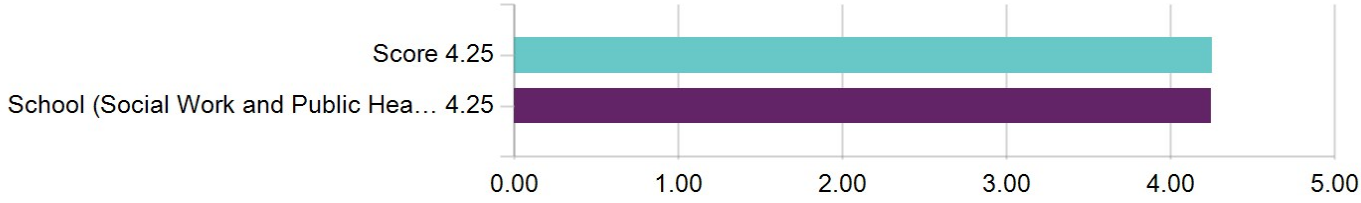
2. Class exercises, cases & discussions held my interest, and advanced my learning.



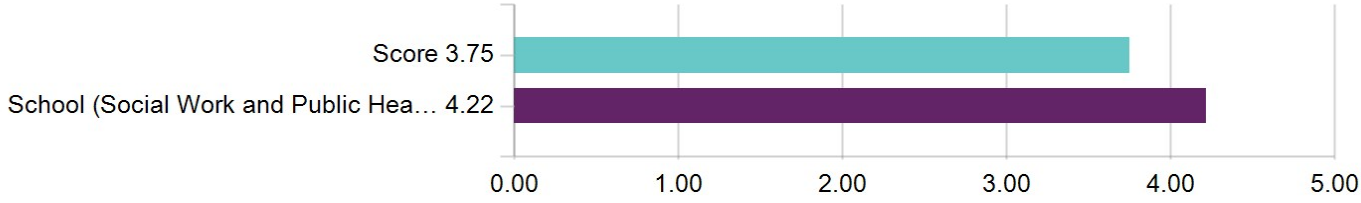
3. Readings were relevant and advanced my learning.



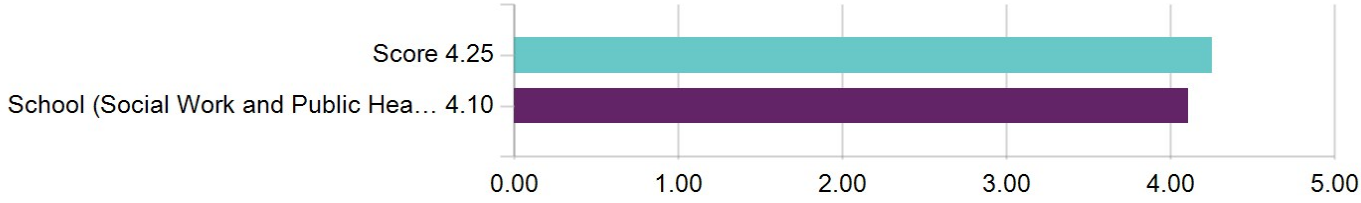
4. Assignments helped me understand course content and advanced my learning.



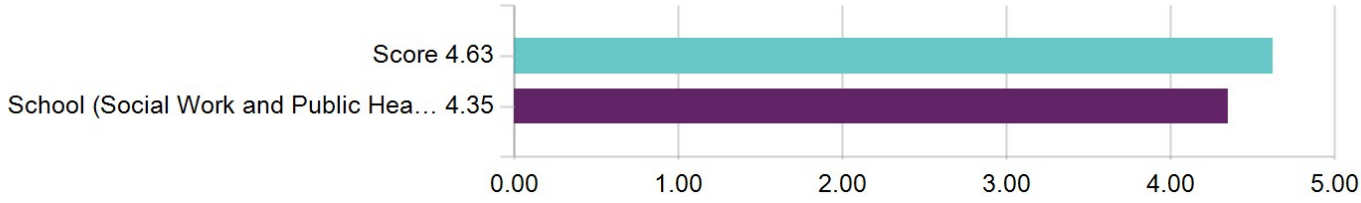
5. Assignments were clearly explained.



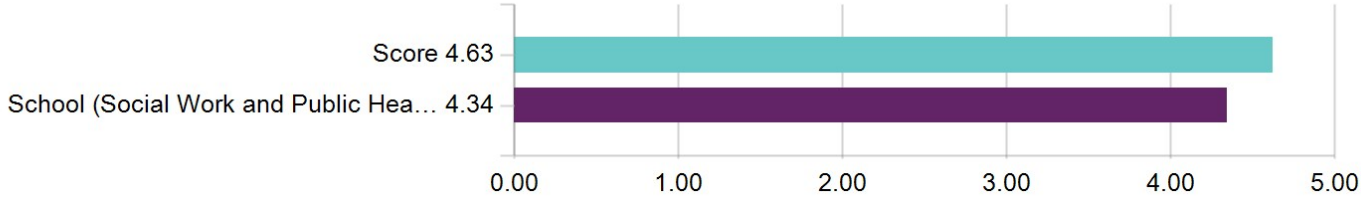
6. The amount of reading and assignments were appropriate for a 1 credit course.



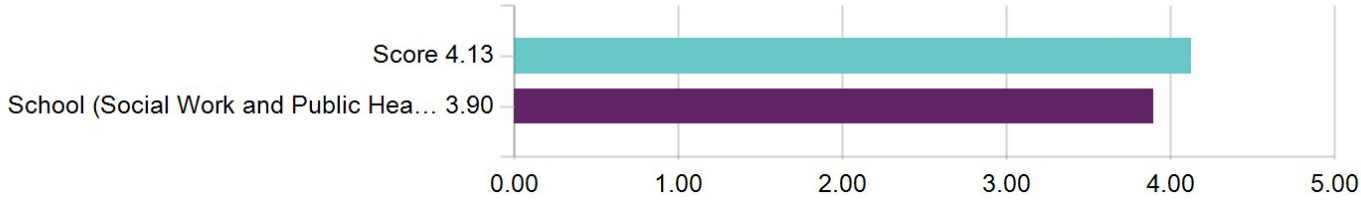
7. The course used hands-on active learning methods.



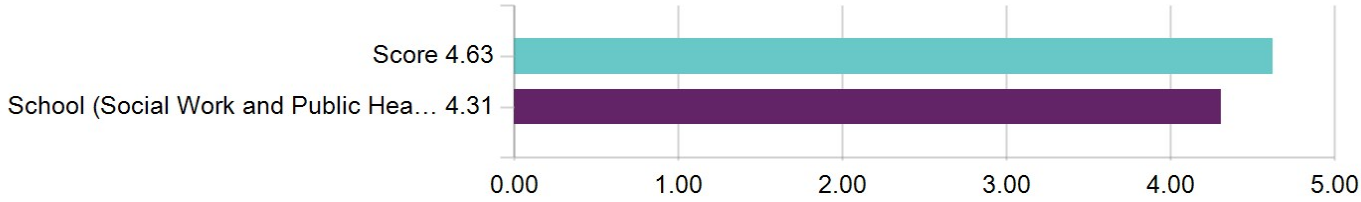
8. The course required that students practice the skill(s) they learned about.



9. The course format (schedule of days, hours, amount of time in between class sessions) was appropriate for the learning the skill(s) in this course.

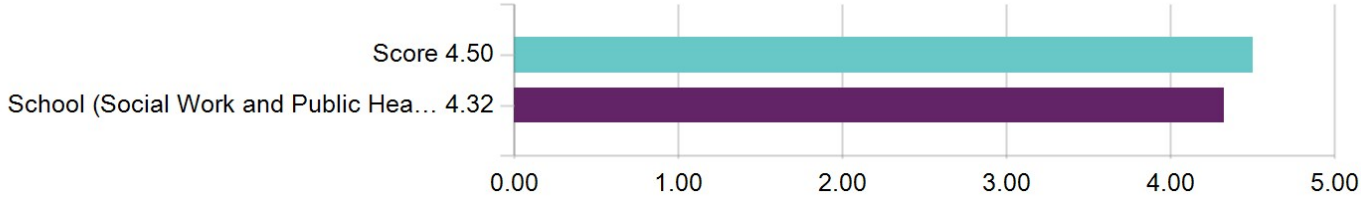


10. The course description and syllabus accurately summarized this class.

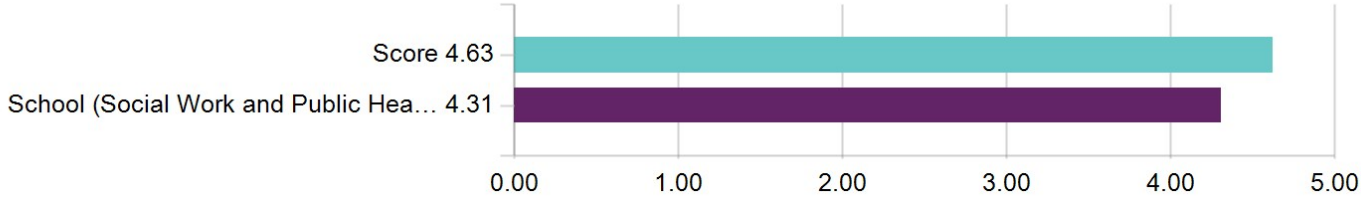


Course Feedback for Dominique Lockett

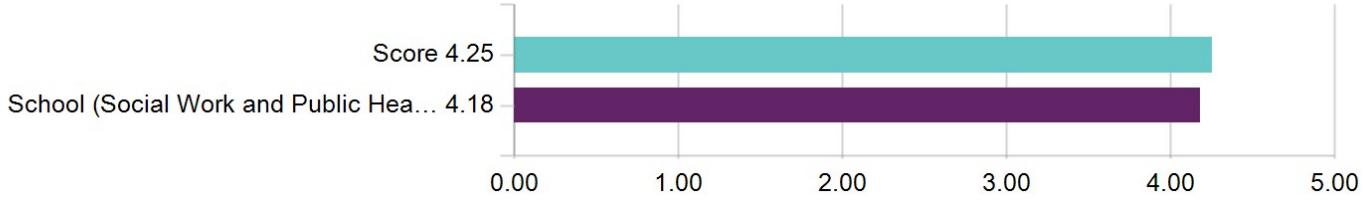
1. The instructor provided a clear explanation of the skill(s) to be developed.



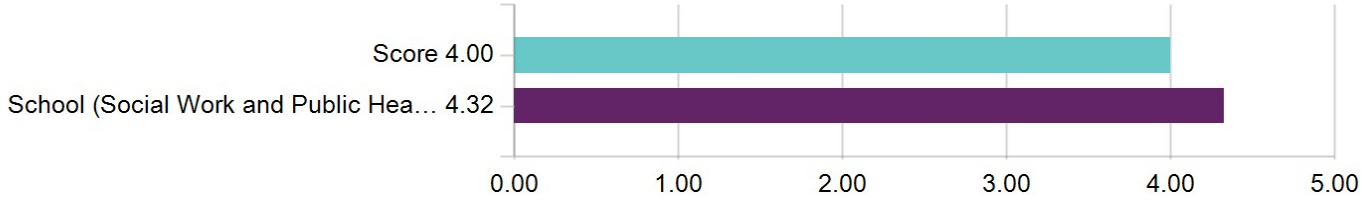
2. The instructor or other class activities demonstrated the skill(s) to be developed.



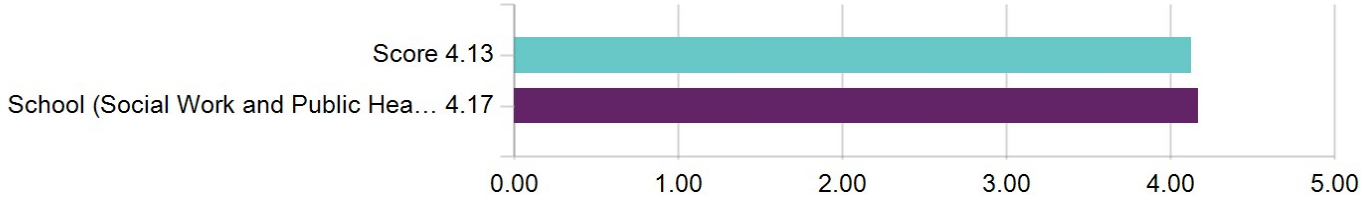
3. The instructor provided feedback on each student's efforts to apply the skill(s).



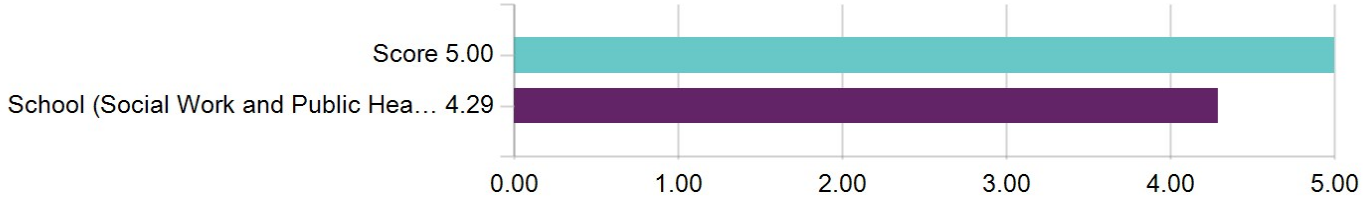
4. The instructor provided additional learning resources that helped me develop the skill(s).



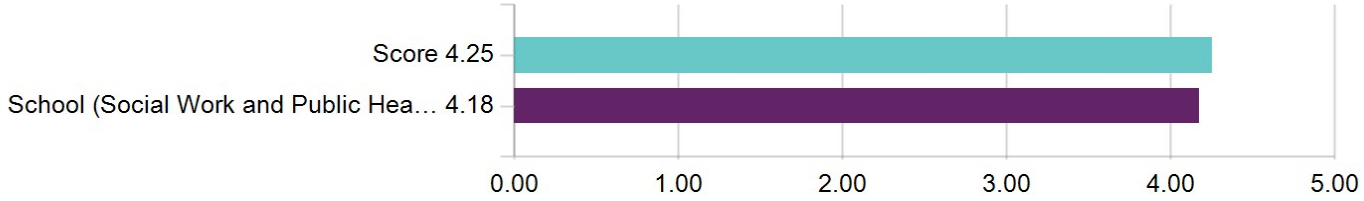
5. The instructor clearly defined grading criteria.



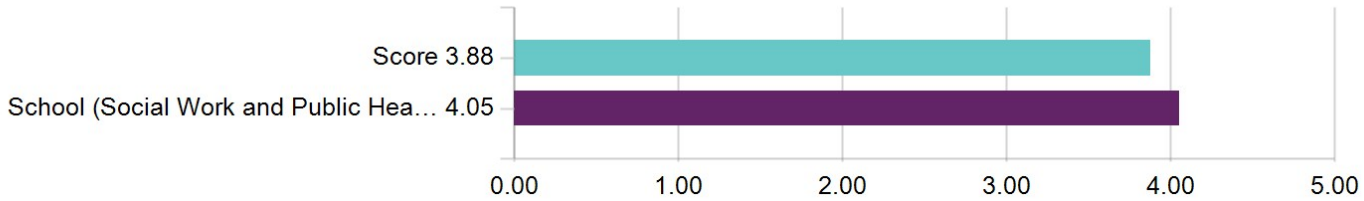
6. The instructor returned tests and assignments in a timely manner.



7. Feedback from the instructor on assignments indicated strengths and weaknesses.

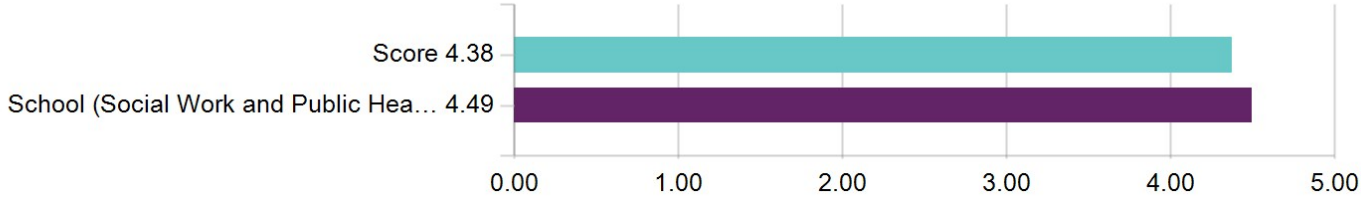


8. Feedback from the instructor improved my skills.

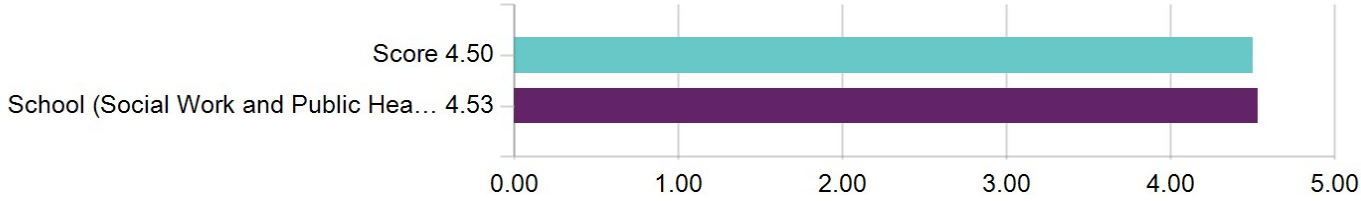


Instructor Questions for Dominique Lockett

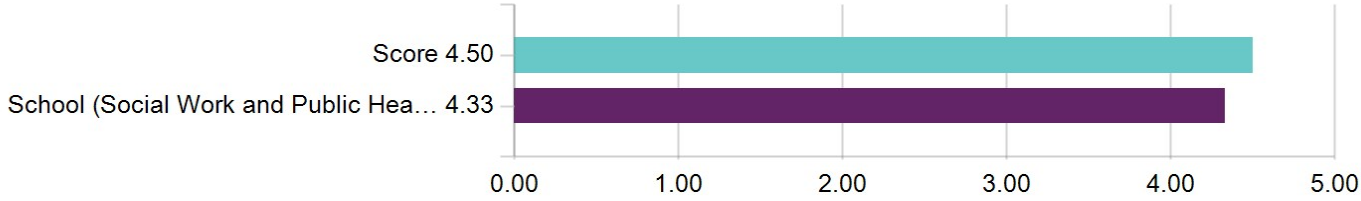
1. The instructor encouraged classroom participation and open discussion.



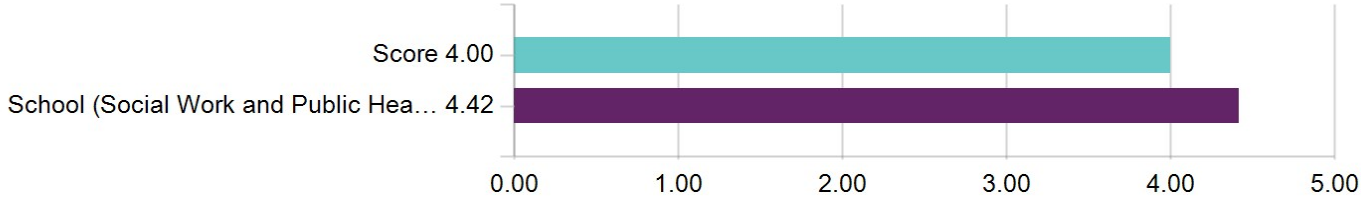
2. The instructor expressed enthusiasm for course material.



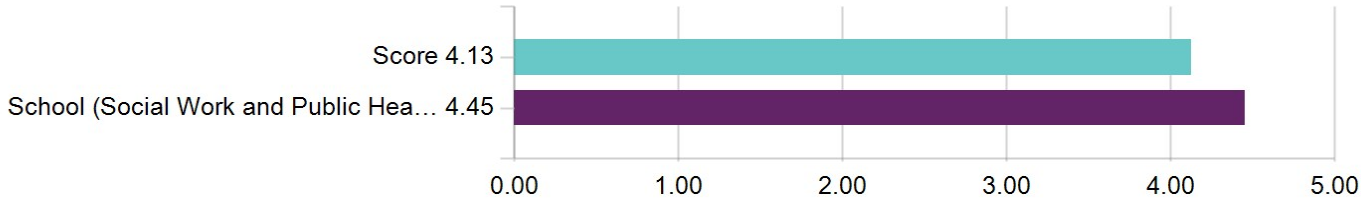
3. The instructor conveyed high expectations.



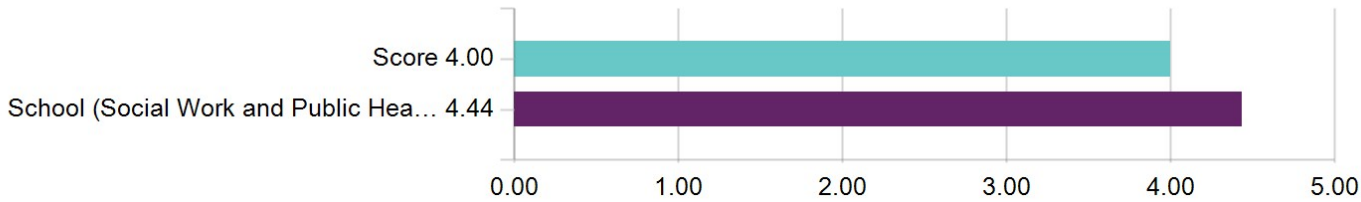
4. The instructor demonstrated expertise in course material.



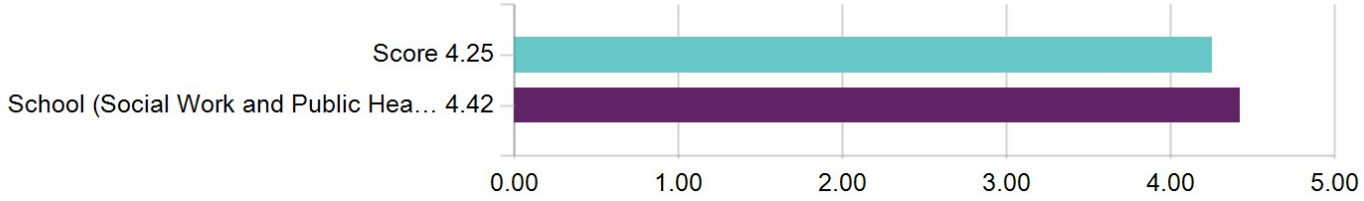
5. The instructor appeared well prepared for class.



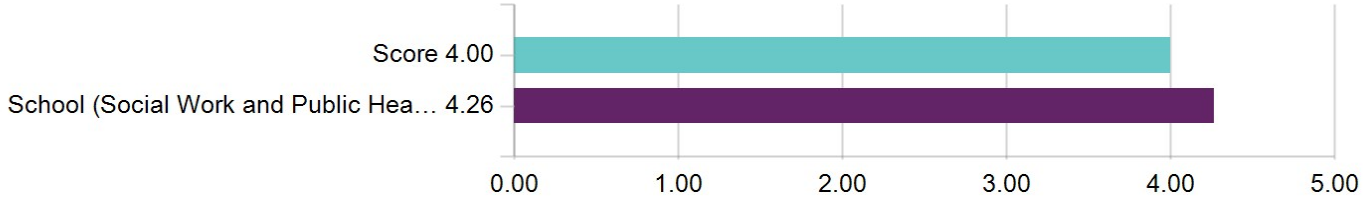
6. The instructor was available for meetings outside of class.



7. The instructor was concerned about the professional development of students.

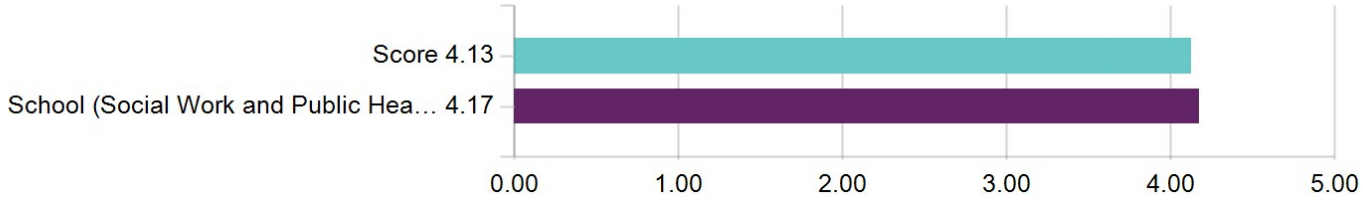


8. Overall, I was satisfied with the quality of teaching in this course.

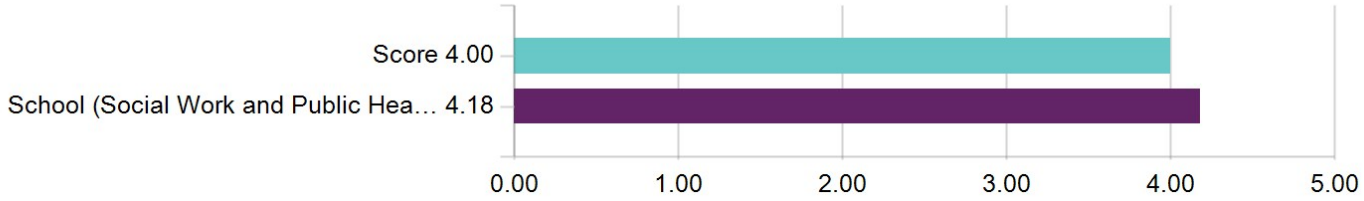


Educational Outcomes

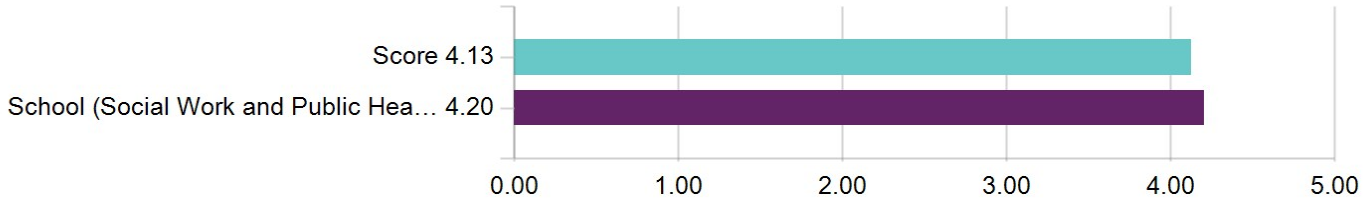
1. The course substantially expanded my knowledge and understanding of the subject.



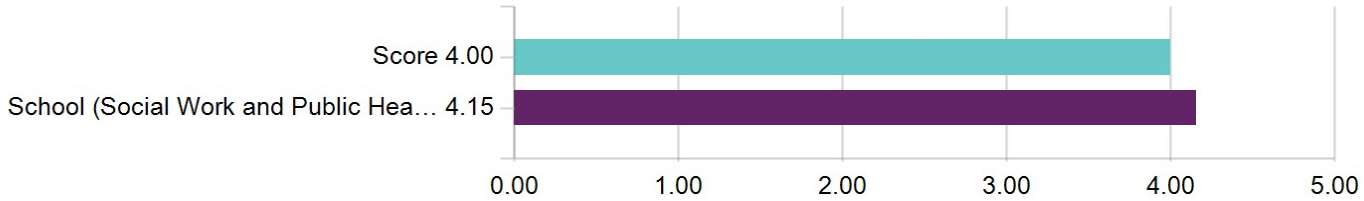
2. The course prepared me well to use one or more skills.



3. The course was sufficiently challenging.

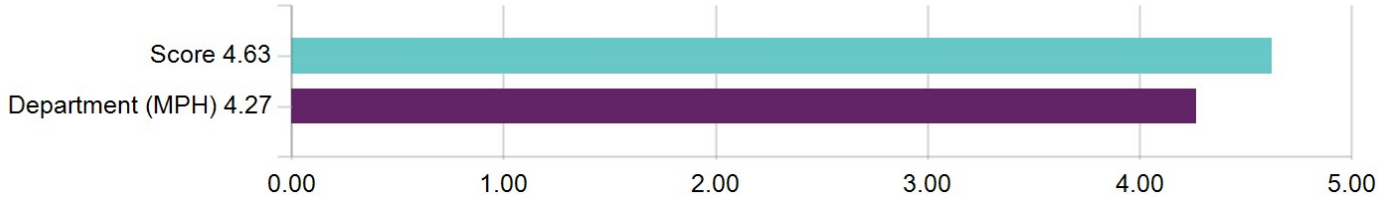


4. Overall, I was satisfied with the course.

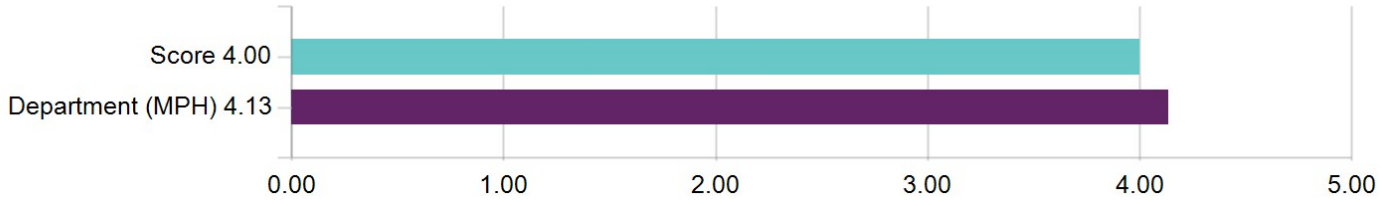


Remote Learning

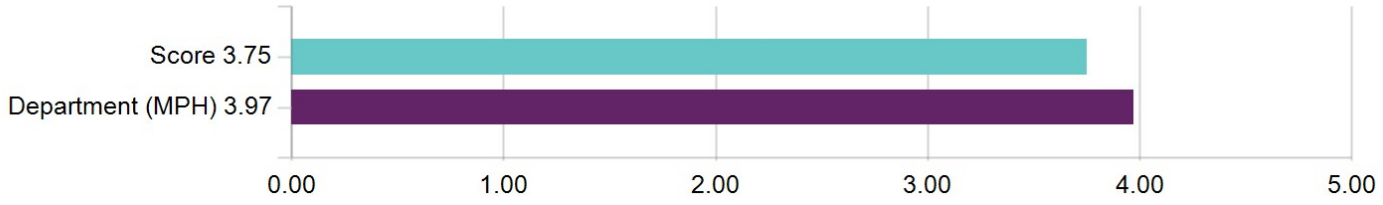
1. If the instructor used any asynchronous learning models (posting lectures and other resources for students to self-pace through), these online materials (videos, online presentations, TED Talks, etc.) were useful in terms of my ability to learn and apply the course material.



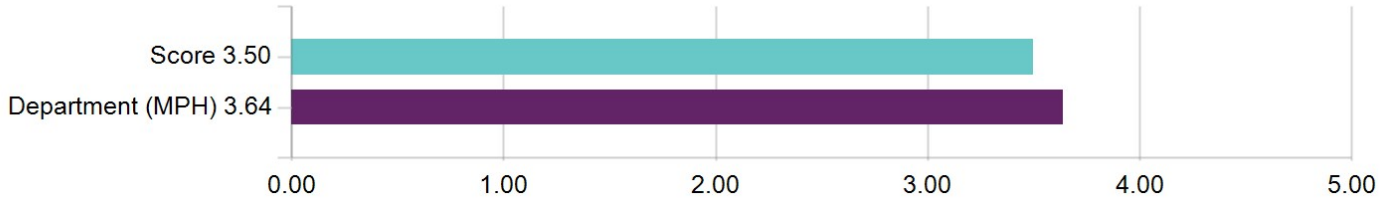
2. If the instructor used any synchronous learning models (live lectures through Zoom or conference calls), these live classes were useful in terms of my ability to learn and apply the course material.



3. I was able to learn all originally expected competencies/course objectives through the online format.



4. I think online is a good format for learning the content in this specific course and would recommend that an online format be used for this course in the future.



If the instructor used any synchronous learning models (live lectures through Zoom or conference calls), please indicate whether the length of Zoom (or other live classes) was too short, too long or just the right length.

Comments
Too short. I thought it was odd instructor asked students to hop off so there could be individual questions with other students, I think it would have been more professional to schedule individual time slots in advance.
Zoom session were appropriate in length.
Just right
Synchronous Zoom meetings were just the right length to go over doubts about the class
I would have appreciated longer Zoom sessions, perhaps going over additional Python material that we may not be tested over but still could use knowledge in.

If the instructor used any asynchronous learning models (posting lectures and other resources for students to self-pace through), please indicate which of these online materials (videos, online presentations, TED Talks, etc.) was most useful in learning and applying the course material.

Comments
Posted videos and having the slides available.
Posted lectures and the accompanying Jupyter notebooks were helpful.
Sufficiently long
The YouTube videos recorded and posted by Prof. Lockett were spot on, she splitted the class into short videos which made them easy to go over.
Video lectures.

Please share any specific challenges you encountered in this course as a result of the online format, including completing assignments, group work, etc.

Comments
Some of the packages I needed wouldn't load on my system.
It was hard.

Please share any benefits or unexpected positives you encountered in this course as a result of the online format.

Comments
Having the recorded lectures was nice because I could fast forward or rewind and easily refer back to it as I was doing the quizzes.
No.
I wish the course was longer. I really benefited from Dominique’s teaching style.
I really like having the class videos to go over them and to see again any parts that i had doubts about.
It was helpful to pause the lectures when I encountered problems running the code along with the instructor.