University of Manchester
2020-21 Semester 2 Mathematics (UG & PG)

Course:	I3133-MATH-10282-1201-2SE-026681: MATH10282 Introduction to Statistics 2020-21 2nd Semester
Instructor:	Saralees Nadarajah *
Response Rate:	344/511 (67.32 %)

1 - Overall, I would rate this unit as being excellent.

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Agree	(5)	221	64.24%		4.50 / 4.38
Mostly Agree	(4)	81	23.55%		
Neither Agree Nor Disagree	(3)	35	10.17%		
Mostly Disagree	(2)	7	2.03%		
Disagree	(1)	0	0.00%		

Response Rate	Mean	STD	Median	School BM Data	Mean	STD	Median
344/511 (67.32%)	4.50	0.76	5.00	2928	4.38	0.89	5.00

2 - The feedback that I received on my work was helpful.

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Agree	(5)	247	71.80%		4.54 / 4.29
Mostly Agree	(4)	52	15.12%		
Neither Agree Nor Disagree	(3)	33	9.59%		
Mostly Disagree	(2)	9	2.62%		
Disagree	(1)	3	0.87%		

Response Rate	Mean	STD	Median	School BM Data	Mean	STD	Median
344/511 (67.32%)	4.54	0.84	5.00	2928	4.29	0.98	5.00

3 - This unit was well organised.

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Agree	(5)	268	77.91%		4.69 / 4.50
Mostly Agree	(4)	53	15.41%		
Neither Agree Nor Disagree	(3)	16	4.65%		
Mostly Disagree	(2)	5	1.45%		
Disagree	(1)	2	0.58%		

Response Rate	Mean	STD	Median	School BM Data	Mean	STD	Median
344/511 (67.32%)	4.69	0.68	5.00	2928	4.50	0.83	5.00

4 - Prof. / Dr. Saralees Nadarajah's teaching was excellent. -

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Agree	(5)	258	75.00%		4.61 / 4.44
Mostly Agree	(4)	56	16.28%		
Neither Agree Nor Disagree	(3)	18	5.23%		
Mostly Disagree	(2)	7	2.03%		
Disagree	(1)	5	1.45%		
I have not been taught by this lecturer	(0)	0	0.00%		

Response Rate	Mean	STD	Median	School BM Data	Mean	STD	Median
344/511 (67.32%)	4.61	0.80	5.00	3487	4.44	0.92	5.00

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5 - What aspect of Prof. / Dr. Saralees Nadarajah's approach to teaching best helped your learning? -	
Response Rate	126/511 (24.66%)

• The patient attitude of answering questions makes me feel very comfortable.

• you are so good at teaching

• The teacher is always happy to help us solve problems and keeps asking us if we have any problems. In each class, the teacher hopes that the students can ask questions. Saralees provides his own contact information and hopes students to contact him 24/7. The teacher always responds promptly to the emails sent by the students. The teacher will give many examples in class to help students better understand knowledge. Teachers will frequently email us to remind us of exams and tutorials. In this semester, I really learned a lot from Saralees.

• He is really organised, you can email him whenever and he will email you back in 5 minutes time. Also he does plenty of examples

• I love the examples in the lecture. I can easily get things quickly.

• Great in depth videos with lots of useful examples.

• examples

• Great and helpful live lectures, many examples provided.

• He provided a lot of examples and had a clearly organized webpage with all the required information for the course.

• prerecorded videos

• The planty examples help me a lot to understand.

• He is very dedicated to teaching and helping students understand the material.

• He is very passionate about teaching, very approachable and happy to help with any problems you have.

• The sample questions let me better understand the knowledge points.

• Abstracted notes, thoughtful. Clear explanations and plenty of examples!

• Patience and good examples

• he let us contact him anytime which was incredibly nice and helpful

• Both review session and prerecorded lecture are excellent.

• His friendly and excessive teaching practise

• very good

• Notes and examples are representative. Very well constructed problem solutions.

• He goes through several examples in the review sessions and the pre-recorded videos for each week of content. He also provides many resources, including past papers, on the module website.

• He explains concepts explicitly.

• The way he was so helpful and approachable with everything. If you ever needed help or were not too sure about anything, you could just email him and he would respond with in-depth explanation. As well as that the feedback and reminders from the professor was very helpful. I felt that I would always get great feedback on my work (quizzes) and that I would never miss one due to him reminding us of when they due.

• He did numerous examples on every topic, sometimes 20+ per week, this meant that there was no question in which I didn't at least feel I knew how to start, because I had seen the question in every way it could be set.

• He gives lots of direct help to my study and provides enough examples and resources which are needed.

• Everything was very well structured with plenty of examples given in the review sessions and also he was always ready to help with any problems we have had.

• He is a very dedicated teacher, he often sends an e-mail to congratulate us on The Chinese holiday. I am very moved by this. In addition, he often provides support at any time. In the first semester he sent us the website he had created, with great careful guidance. In addition, he will add the same test questions in the previous years. I think this is very useful. Similar exercises will be provided before the quiz to make the quiz more meaningful. And I recorded each tutorial and put it on the produced website, I really appreciate him

• Very approachable,

• The course material was well organised and sufficient so that we could have plenty of time to arrange our study plan. We also enjoyed the past years course materials which is really helpful. And all the supervisions was recored, providing a good way to review. Prof. Saralees Nadarajah also provided us loads of examples during review sessions.

• well organised, explains clearly and always asks if we need help

• Immediate email reply.

• Lots of resources

• when I have questions and email to him, he will go back to me in time.

• The typed version of the notes and answers to the exercises helped me a lot.

• The fact he will go over the lectures at the beginning of every review session. He always explains us things we don't understand or that we don't know how to do. He is always available and ready to help anyone, even on Sundays.

• His dedication and clear explanations

• Hope Sir can change a good visualiser.

• His detailed examples and willingness to explain within online lectures.

• a lot of dedication.

• very patient and hardworking

• The learning materials are updated quickly and comprehensively.

• a deep understanding for diffcult stastisical methods for real world application.

• Dr. Saralees Nadarajah always patiently teaches us and carefully explain the weekly working sheet. Besides , he always reply my emails actively when I meet academic problems in my study.

• Exceptional Feedback

• All videos are recorded so that I could review materials that I was not fully understood in the exam period.

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- His enthusiasm and willingness to help in all cases.

- He went through not only the basics of how to complete question but also completed numerous examples to assist us with the more challenging questions we were expected to complete weekly.

- Lots of examples

- Notes and examples

- always explained in details all the examples and reminded us the definitions

- Always checking to see if all students understand what is going on.

- I found the support offered by Professor Saralees Nadarajah to be exemplary. In my last year (foundation year) and this year I have never had a lecturer be this genuinely helpful. It is so encouraging having a teacher who really cares about his students and their wellbeing, as well as their performance. Not only giving students many ways to get in touch and showing you want to help them, but contacting them if they've been underperforming or have missed assignments to ask if they're ok, would like extra one-to-one tutoring etc. is so helpful as I know some students may be hesitant to contact their lecturer and say they are struggling. The majority of teaching staff do not seem very approachable/accessible.

- Mr. Nadarajah is a very kind and patient man, he always replied emails and helped to solve and explain questions in time.

- His approachableness.

- Range of examples that he completed in the review classes.

- he is so careful and responsible□and he helps me a lot

- Good amount of examples

- It is quite clear, I mean it is easy to understand the answer when listening to Dr. Saralees Nadarajah's lesson.

- Everything

- Very organised, good access to resources, happy to help.

- Everything was ready far in advance, so it was easy to work ahead

- He is really patient.

- He made it clear from the start that he is available to answer any questions whenever, making him easy to approach. I also appreciated the youtube videos - they're well organised and easy to follow - being dyslexic, I find notes hard to follow so this has made this course that bit easier for me.

- He was very clear on many of the problems and provided in depth examples that made each topic that much clearer.

- Lots of examples.

- Going over previous module content in case we forgot to easily relate and apply to this current module.

- Lectures are very detailed.

- Having lots of examples very clearly explained really helped with understanding the content

- He cares about his students and tries his best to solve their problems.

- The youtube videos.

- He always go through every questions clearly and al material are well organised

- He always gave me valid responds, such as whether the answer to the quiz was right or not.

- He. made sure we received the information correclty

- Going through many examples

- Everything

- Saralees is quite clearly a very caring teacher and goes above and beyond to ensure learning for all students

- Prof Saralees organisation of lectures, videos, notes were very helpful, and also helped me organise my work

- responding to weekly requests and needs- especially the teaching through lots of examples

- The fact that he did so many examples, made the understanding of the topic much easier. He also paid close attention to our questions during the course and answered them properly.

- He explained every sheet well and he is a patient teacher

- He Remind us to hand in our homework and give timely feedback every week , and if I email some questions he will solve them in a timely and efficient manner.

- His availability.

- It's grateful to have courses from Dr. Saralees Nadarajah. He really cared for our feedback on the material he taught through videos and live zoom sessions. Plenty of examples he gave to us helped me to deeply understand the core point of this course.

- His use of lots of examples

- He always makes himself available to answer questions and help in any way he can. It is very appreciated.

- Prof Saralees is not only a very enthusiastic, meticulous teacher who cares about students' learning, but also as a friend who always cares about our personal mentor health.

- Lots of examples with clear steps. Plenty of resources available. Feedback was quick.

- He did a wide range of examples meaning you could throughly understand the content

- Plenty of worked examples

- very organised and providing many examples each week on the relevant topic

- Organisation

- That he is always reaching out and offers additional support.

- He would send me the email as a friend of mine and he would remind me if I'm not hardworking.

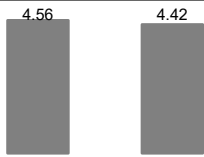- Multiple examples, very comprehensive solutions to quizes.

- nil

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• his patience and enthusiasm

• He is almost a perfect teacher, always very kind and serious in every assignment, even on weekends.

• Dr. Nadarajah gave every student personalised feedback each week, and made it clear from day 1 that he was available to answer any questions or queries he had 24/7

• He provided support no matter the time and was extremely dedicated to supporting his students

• The layout of the minerva page and all the extra resources available to us.

• Perfect

• Plenty of examples, endless examples... loved that

• Going through the examples.

• Lots of examples

• He was really attentive, always checking up and making sure I was okay with the work.

• I felt he is really friendly that he usually checks the student's understanding through email.

• Super approachable and enthusiastic. No other lecturer was so keen to provide assistance; he clearly demonstrated that he cares deeply about students succeeding. This is extremely important as with some lecturers you get the impression they don't care at all and this makes learning the topic more difficult. 10/10 for enthusiasm. I also really liked the way he did extended videos working through multiple examples, and structured the course in such a way that one week he would go through the concepts and the next the examples.

• The explanation of the course and examples is very clear, very much pay attention to the feedback and results of students.

• I like how overwhelmed we were with examples, I think that is the best way to learn with statistics and Saralees made sure we had a wide range of examples with different variations.

• Offers help all the time.

• He was very helpful in the review sessions and always available if we had any questions.

• Very good and very detailed explanation

• He gave tons of examples and intented to help everyone at any time of the day personally.

• His emails were borderline spam

• Applying a lot of examples helped me understand the topic better.

• His weekly quizzes and his extra help were the most useful!!

• Tutorial classes, he is really patient to students,really nice

• Layout and structure of work was really well done

• could get ahead with notes, weekly quizzes kept us engaged

• Dr. Saralees Nadarajah is a very helpful teacher. I had his word that I can contact with him in anytime as a student. I think that is the most helpful things when I face to difficulties on the course.

• Constant support and always being available to help with anything that I did not understand or grasp in the unit.

• He went through the content we needed to learn in great detail before showing us how to answer numerous example questions in the review sessions and videos, which I found very helpful

• Absolutely committed

• All the examples he included.

• He provided us with loads of examples, which is something I learn best from and I know many other students agreed. He is an incredibly kind Professor and provides us with loads of help, always listening to us and helping us where needed.

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6 - The online learning on this unit was delivered very well.					
Response Option	**Weight**	**Frequency**	**Percent**	**Percent Responses**	**Means**
Agree	(5)	231	67.15%		
Mostly Agree	(4)	83	24.13%		
Neither Agree Nor Disagree	(3)	22	6.40%		
Mostly Disagree	(2)	8	2.33%		
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7 - What did you find most helpful?	
Response Rate	94/511 (18.4%)

• A large number of examples and high-quality video explanations have enabled me to have a profound understanding of knowledge.

• The teacher will upload each tutorial to the website, and students can watch any tutorial at will. The teacher will publish the homework answers on the website every week, handwritten and printed, and the teacher will record all the answers again and upload them to the website.

• Lots of examples and answers.

• All the resources available on the course website.

• saralees' website is really good and easy to find things I also enjoy the weekly quizzes

• The handwritten notes. They are complete and more convenient to go through.

• The examples given helped me to understand the concepts easily.

• Lots of exercises and additional material.

• the precorded videos - so many examples was really helpful.

• Every single review session/tutorial was recorded so I could watch them again and again. Also, there is a course website which contains a lot of useful materials, notes, formulas, etc.

• Lots of examples

• The videos provided before the online session.

• Saralees being extremely responsive to emails and when you ask for help.

• Clear explanation

• the hand written notes and solutions

• Large amounts of resources

• his patience

• I can review whenever I want. All the recordings help me check my study.

• We went through unseen examples in the review sessions and we only briefly recapped the material of a given week in the review session.

• The exercise sheets

• I found all the effort that the professor put in to be the most helpful. He was always there to help and put in his all. This was definitely noticed and that made this module so enjoyable.

• The lecturer made himself available at all times to answer any question over zoom or email. This turned the inconvenience of the online learning into an advantage as the lecturer was more available to the students.

• Example sheets related to each topic which makes me clearly understand what is important in each topic.

• All resources were easy to navigate and understand

• The data layout of the course is particularly reasonable, easy to find, and easy for students to preview and review

• Tutorials and the online weekly videos

• The organisation

• The personal page for our course, and Prof. Saralees remind us about next week's learning at every weekends.

• tutorial sessions

• Youtube content

• we can review questions after class.

• The fact that each lecture/session was recorded. Very helpful when you can't make ti to the live session or if you want to review it as many times as you want.

• The videos were well made and clear to follow. Also really liked the fact that they were on youtube. As I use youtube a lot for other things, it kept the work I had to do in the back of my mind so I didn't forget to watch them prior to the sessions

• The lectures is detailed and teach us different kinds of questions.

• The pre-recorded lectures are nicely organised and easy to access with YT. The rate of uploading review/tutorial sessions immediately after having it is also pretty fast. The multiple tutorial sessions to choose my own time is also very convenient.

• The availability of his pre-lecture materials.

• he is patient enough to try his best to go through every question in the example sheet, although it is easy

• very direct.

• Exceptional Feedback

• Detailed notes.

• The videos are grouped accessibly and deliver their content in detail

• Regarding the weekly quiz question, I found going through the question correctly most helpful

• Ability to watch videos in own time and all classes recorded to look back on

• the pdf s and the minerva site which was verry well organised

• Very clearly organised course materials, all laid out week-by-week on Professor Nadarajah's website. Makes it very easy to access the materials, with a range of ways to watch videos, i.e having YouTube playlists as well.

• All the materials were easy to be find on Youtube.

• The videos were really good.

• everthing is helpful

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- Going through examples or the R tutorials
- The practice part and the explaining of the questions is quite a great help in terms of the online learning.
- The videos
- His notes
- See above.
- The non-zoom videos provided weekly to help understanding.
- Videos very clear and concise.
- Everything being available at once and on one page.
- We can watch the video of lecture.
- the website was extremely helpful having all resources always open to us and organised very clearly greatly helped me when studying this module
- We can easily get the study materials and save time.
- The set up of the course content was easy to follow.
- The quiz
- The quizzes
- he is very patient.
- The website structure is very clear
- loads of resources available from the start so can learn at own pace, videos and notes provided for all aspects of the course
- The example sheets and Professor's explanations.
- His examples.
- Dr. Saralees Nadarajah provides us a specific web page where contains all the material we need to learn and undersatnd in this course and it helped me to find the videos or notes that I was looking for easily.
- The ability to use YouTube and lots of resources on his website
- The combination of notes, videos and examples to refer to.
- Playlists of videos for each week
- weekly quizzes
- Course website with all the notes and videos
- The online tutorials
- The detailed analysis of the question answer's process.
- All the information is in one place. There is all the information you would possibly need.
- his class reminder e-mail
- nil
- The teacher would tell us the process of the problem in detail every time. He is very patient and teaches us patiently even when he is not at workdays.
- The personalised feedback and detailed step by step solutions
- the worked examples
- All excellent
- Lots of practice questions as well as facetime with tutors
- All the lectures and tutorials recorded are really helpful to study independently.
- As mentioned above, the long videos with lots of worked examples were extremely helpful.
- It's very clear and easy to understand
- The videos were well-explained and concise. The course was very organised in general and I think Saralees did a great job in explaining everything to us. The amount of examples were very helpful.
- I found very helpful how the tutorials were structured: working one week on R and one week on statistics exercises.
- Organising material on youtube and on minerva as well
- Many examples
- The online course materials are all in one place and easy to find what you are looking for.
- Ease of access to everything, structure, everything uploaded including review sessions is really useful.
- all the videos were already uplaoded
- The layout of the online course material on his website.

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8 - What needs to be improved?	
Response Rate	73/511 (14.29%)

• There is nothing need to be improved.

• Resource organisation, video quality. Lecture notes couldn't be used consistently as they barely mentioned any of the content being taught. Several times the example sheets have said "Recall ..." and when I searched through the entire course for the content being asked to recall, it didn't exist.

• I have to say that the teacher's projector needs to be improved.

• Nothing

• the university should give Saralees more money so he can buy a better mic and webcam

• There were too many email reminders of the weekly quiz. Also, there were times when there was quite a lot of noise during the review sessions and the visualizer often didn't work properly. So the professor would have benefited from a better teaching environment and equipment, though it's not entirely his fault.

• i understand the maths but most of the time the actual explanation of the defintion of parts of the course (eg what actually is the MSE etc) is lost. I dont feel as though i have an understanding of why we are doing the calculations?

• I feel that along with all the examples, it would be helpful to gain a deeper understanding of what and why we are doing what we are doing. Rather than just remembering how to do a question from the examples.

• Not sure

• Sometimes handwriting could be more clear

• nothing at all, course was extremely enjoyable!

• everything is good

• Sometimes the internet connect is unstable.This is a serious thing, but this aspect can be done better.

• N/A

• I think everything goes well.

• Nothing. Professor Saralees did a brilliant job with teaching this course.

• The equipment

• Everything is perfect.

• the visualizer

• The review session could be be arranged more compactly□

• the videos to watch before review sessions were too long.

• N/A

• we cannot find a textbook which cover everything.

• I can't think of anything to improve. I'm very pleased with the course.

• The visualiser frame rate was a little low in the review sessions

• I think all is good.

• the organisation of the review sessions. There's little too often of cases where due to unexpected situations, we couldn't go through all the examples, or we couldn't go through more than half of the questions in the tutorial sheet. with all due respect, we paid £9250 for ONLINE lessons. This is already a rip-off since we are not on campus, thus missing out on stuff. The last thing we want as PAYING students is for our online lessons to be full of faults. 1 or 2 or 3 mistakes may be a small amount in the grand scheme of things for lecturers having to teach every year, but for us students who are paying ridiculous amounts of money, funding you're research as well, this is unacceptable. Not to mention, in our books 3 mistakes would be ALOT as well, 3 mistakes would mean out of the 11 or so weeks, 3 of them had faults. We're not asking for perfection, and lecturers may have their own issues with their computer etc. But that's a problem that's not suppose to concern us students. Just like if I'm paying to go see a medical doctor every week for 11 weeks, and he gives me the wrong advice/product for 3 of them and then blames the mistakes on his computer.

• camera quality

• Nothing

• More examples similar to the test.

• N/A

• To go through more exam style questions.

• The e-mail spamming needs to stop.

• smaller tutorial groups (5-10 students)

• -

• All good!

• The lecture notes don't really seem to go with the videos so a copy of a reorganised lecture notes would've been good.

• no thing needed to be improved everthing is good

• Perhaps camera quality, although this should be provided by Uom for the lecturer as it shouldn't be his responsibility to buy it

• The videos well they are very long so you get distracted very easy at home

• Nothing.

• N/A.

• Too many emails - one reminder about classes and one reminder about the weekly quiz would be ample. Sometimes the videos could be too long and would take too long covering material already covered in Probability 1.

• Less emails.

• The clarity of the video is a little low.

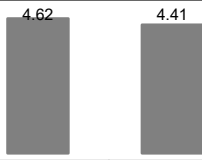|	
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• Lack of face-to-face communication with both teachers and classmates.

• n/a

• No

• the visualizer was not great, it could have been replaced by a computer.

• Explaining the theory behind the questions, how they can be applied in practice and when to apply each method - though I feel the methodology was taught very well

• Could you provide the digital version notes that concludes the fundamental knowledge for each week, thank you

• The quality of visualiser.

• Fewer emails.

• For me, it's perfect.

• I would have liked more applied examples so we can see how the statistical methods are applied in real life

• tutorial sessions can be in smaller groups so that students can more easily discuss questions with the tutor and as a group

• I feel like concepts studied could be explained in greater detail. It was useful learning how and when to use all the formulas but I sometimes missed a bit more of "why". I think this was caused by online learning as in live classes the topic would naturally get more questions from the students.

• there was too much of background noise

• Visualiser, which is fault of university, not the professor.

• nil

• It is better to provide organised lecture notes of printed version instead of hand-wrriten one.

• I do not need an email from Saralees every single day. And I especially do not need over 10 emails about this questionnaire

• All good

• A lot of the teaching just felt like a monotonous 'reading from a textbook' kind of thing, which was very difficult to engage with and made it hard to absorb. The biggest issue for me was a severe lack of context, which I think is even more important for statistics than other areas of mathematics. For example, although I know how to calculate a confidence interval, I do not remotely understand what it actually is or what it means. I found this particularly disappointing as I am keen to learn statistics for application outside of my degree (eg fact checking news articles etc) and without the required context I'm basically just left with a bunch of formulas which I can plug numbers into but can't use in any practical setting.

• nothing

• No improvements teaching-wise but we received many unnecessary emails which became excessive, especially when they were being sent to both my university email and my personal email.

• The website needs to be ordered slightly better, maybe put more things in folders etc. but generally pretty well organised

• In December we were told that in the second semester we would have in-person tutorials/supervisions by the Mathematics department, but everything was online.

• -

• The quality of the pre-recored videos was lacking compared to every other unit this year (except Probability which was awful in any way).

• Provide lecturers with better equipment for online teaching maybe as sometimes it's very hard to read the content in videos.

• some of the coursework content doesnt match with the content we were learning

• Needs to be in person.

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9 - The online assessment on this unit was delivered very well.

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Agree	(5)	245	71.22%		
Mostly Agree	(4)	71	20.64%		
Neither Agree Nor Disagree	(3)	24	6.98%		
Mostly Disagree	(2)	4	1.16%		
Disagree	(1)	0	0.00%		

Response Rate	Mean	STD	Median	School BM Data	Mean	STD	Median
344/511 (67.32%)	4.62	0.67	5.00	2928	4.41	0.88	5.00

Course: I3133-MATH-10282-1201-2SE-026681: MATH10282 Introduction to Statistics 2020-21 2nd Semester

Instructor: Saralees Nadarajah *

Response Rate: 344/511 (67.32 %)

10 - What did you find most helpful?	
Response Rate	60/511 (11.74%)

- The typical weekly tests reinforced my foundation.

- The teacher will publish the weekly test on the website in advance, so we have enough time to think.

- The videos to help me prepare

- weekly quizzes

- It was useful that we could view the exercises for online quizzes not only on Blackboard but also on the course webpage.

- The weekly quizzes helped me to practice and improve my skills I learnt from this course.

- The weekly question made sure I stayed up to date with the material

- Saralees being extremely responsive to emails and when you ask for help.

- Quizzes and tutorial sheets

- weekly quizzes helped me stay on top of my work

- Very clear I can see the correctness of my answer.

- The deadlines for submitting the weekly quizzes and R coursework were clear and the material required for the R coursework was fully covered by the week 7 tutorial.

- Saralees provided feedbacks for our quizzes every time.

- The feedback given after each quiz each week was an in-depth typed solution, and if there was any questions off of that where you were not sure of you could always email professor Saralees.

- Weekly quiz motivates me to catch up with every course unit. Details about each quiz also help me understand question well.

- The solutions after every quiz helped to understand any questions we got wrong

- The professor will send us examples of all the relevant knowledge he wrote in the week when the quiz has to be finished, which is very beneficial for us to review

- Weekly quizzes

- Informative questions and helpful

- we can get right answers.

- Easy to use

- Weekly quiz is good.

- explain each question clearly and patiently

- Exceptional Feedback

- examples you did in the video.

- Detailed teaching.

- The quizzes are challenging and guessing is not a valid option. The coursework was laid out excellently.

- Feedback on the weekly questions.

- Reminders the day before each weekly quiz is due are very helpful as I often forget about deadlines. Also, feedback for the quizzes is given very quickly with a full solution to the quiz made available to everyone, so everyone can still learn from it or see where they went wrong.

- Help me test my learning situation in every week.

- Weekly quizzes and tutorials.

- quizzes every week help alot and everthing is helpful

- Not too much to do in the weekly quizzes which was helpful because we already have a busy weekly schedule/ a lot of work to do.

- Past year papers and coursework

- His video

- Seeing the solutions after the deadline to see how I should have gone about the question initially.

- Promptly receiving our mark for the weekly quizzes after the deadline had passed.

- We can easily get the study materials and save time.

- The answer and working.

- It's like past paper

- The weekly quizzes

- the weekly quizzes helped me keep on top of the material

- Dr. Saralees Nadarajah went through each question after finding or marks so I could always understand where I went wrong

- prepared really well for each quiz through the material provided by the lecturer weekly reminders were sent

- Feedback on quizzes

- Comprehensive solutions to quizes.

- nil

- maybe the DDL of the quiz could be the end of a day, for example,24:00 of the Thursday

- Everything excellent

- examples like the quiz questions

- I liked the weekly test questions a lot. They ensured that I understood the material, and the questions themselves were interesting and required some thought.

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• Saralees gave us so many materials and he always explained things very well if anyone had questions during the review sessions. The course page was very easy to navigate and I feel like the videos were extremely helpful.

• It wasn't too much each week, I found it easily manageable

• The weekly quizzes were a nice way to check our understanding of the previous week's programme.

• quizes made me understand the material of every week in depth

• Great weekly quizzes.

• Detailed explanation of the correct answer released after online test was very helpful to see anywhere I might have made a mistake.

• The worked examples for the quiz's were really useful and also the feedback after.

• weekly quizzes are good

• The feedback after we did the weekly quiz with step by step answers.

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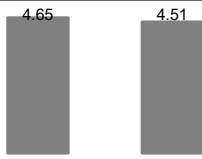
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11 - What needs to be improved?	
Response Rate	41/511 (8.02%)

- There is nothing need to be improved.

- The difficulty of the test is medium for me. I think the teacher can set multiple questions in a test to ensure students' understanding of the course.

- -

- more R things to do

- Not sure

- All good

- Nothing

- N/A.

- All good.

- Nothing.

- Nothing

- nothing

- The quizzes in bb sometimes looked a little odd. Like squished together

- All good.

- Nothing

- i personally think it is better to have a midterm exam to review topics already known.

- The quizzes are very strict and easy to lose marks on.

- It felt as though other modules had more online lesson / tutorial time.

- Maybe the quality of the videos

- -

- Nothing, all good.

- no everthing is good

- In the weekly quizzes, perhaps 2 or 3 questions each week, just because if you make a simple mistake your mark ends up being 0 despite that it may not be a true reflection of your work for that topic.

- Nothing

- N/A

- It sometimes felt like the weekly quizzes were testing our algebra ability rather than our statistical understanding.

- Lack of face-to-face communication with both teachers and classmates.

- I think just a single multiple choice question is not too helpful.

- No

- More exam-style questions

- Less emails.

- The quizes are quite hard.

- nil

- Having just one question on the test was unfair as little mistakes cost the entire quiz

- All good

- The stats notes are really difficult to understand. I would've really benefited from exams with real numbers not just proofs.

- No improvements required.

- so far so good

- The coursework was a little too guided, I would have liked some challenging questions requiring more than a couple of lines of code.

- -

- In person

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12 - The materials provided for this unit in Blackboard supported my learning.

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Agree	(5)	259	75.29%		
Mostly Agree	(4)	58	16.86%		
Neither Agree Nor Disagree	(3)	19	5.52%		
Mostly Disagree	(2)	6	1.74%		
Disagree	(1)	2	0.58%		

Response Rate	Mean	STD	Median	School BM Data	Mean	STD	Median
344/511 (67.32%)	4.65	0.72	5.00	2928	4.51	0.81	5.00

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13 - What additional support would you need?	
Response Rate	39/511 (7.63%)

- Nothing.
- All is good.
- Maybe some typed notes
- Some simple manual for R would be helpful just to get started.
- Approach to notes and quizzes
- minerva was a better form of delivery, definitely stick to it!
- Small practices that does not count marks but can practice several times.
- N/A.
- No
- Nothing really. We did not use blackboard for most of the material as they were on a different website that Professor Saralees gave us. All needed resources was provided there. As well as that Professor Saralees was there to help us with anything we weren't sure of 24/7.
- There are enough resources.
- exam paper and answer
- none
- Nope
- No
- I hope weekly tutorial sheets could be evaluated by supervisors. I really need their suggestions in my studying.
- N/A
- Unsure on any resources such as books that would be useful.
- I think minerva covered everyhting we need
- -
- Nothing, all good.
- Lecture notes that coincide with the videos.
- no everthing is good
- N/A
- N/A
- Face-to-face communication between students
- More exercise
- Not sure
- maybe post some videos on general theory regarding R program
- Nothing. I could find everything I needed.
- -
- nil
- maybe we could have a whole book or note,not separated
- No thank you
- Some easier to understand and more engaging course notes would be great. There is a lot of stuff on the blackboard page but its hard to navigate and find relevant/helpful materials easily.
- None.
- -
- I found notes and videos to not much well together and found it hard to use both for my better understanding.
- Practice quizzes would be helpful instead of just one online assessment quiz a week.

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14 - What support service/resource did you find the most helpful?	
Response Rate	48/511 (9.39%)

- Lots of practice problems.
- The teacher will give many extra examples.
- I love the examples in the lecture. I can easily get things quickly.
- The pre-made videos
- Typed solutions to the quizzes and exercise sheets, as well as the recordings.
- The scan of writing on the blackboard.
- Mostly Saralees being responsive on emails.
- All good
- the course website
- Notes and lectures recorded.
- I found the module website to be the most helpful resource.
- The written notes of Saralees are clear and concise.
- Access to all past year work as well as all the videos & lecture notes.
- Formula sheet.
- The past papers and previous years coursework
- the YouTube videos and handwritten notes
- videos
- The notes, quizzes and exams from other years as well as the preliminary videos.
- Youtube videos
- The videos of each week are very clear and detailed.
- Feedback
- Course materials are classified well.I could click the link for materials easily.
- Pastpapers.
- N/A
- Dr. Saralees Nadarajah wanted his students to do well and was helpful in reassuring I could go to him if there was any issues I had with the course.
- minerva
- Tutorials were really helpful for me to understand the materials. Clear and patient explainations.
- everthing is helpful
- Examples
- The website and all the example sheets and links provided there.
- See above to first written answer.
- Whenever I asked questions about things I didn't understand I always received a fast response which was very helpful.
- Both the tutor and the professor can try their best to answer our questions
- Tutorial
- the Prof, was a great resource as he replies immediately to our doubts and is very keen to help us.
- The page of online resources above the videos
- Saralees was incredibly useful and responded quickly whenever I had a question
- The structure of the wbesite all the material is on is very helpful as you have everything you need in one place
- lecturer was very responsive to emails sent to him from students
- -
- nil
- The Minerva page was really well laid out
- example sheet and tutorial
- I liked how the videos were all on Youtube! This was a nice touch.
- The videos were so helpful - very well explained and no further help needed.
- The notes, since I learn better through reading rather than listening.
- Handwritten notes on examples
- I found the examples and previous year's materials very helpful.

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15 - What things do we do well that have helped you to feel part of a learning community? (this could be whilst studying this unit remotely, either online or through blended experience if some of the unit was delivered in person)	
Response Rate	33/511 (6.46%)

- Tutorial makes me feel the atmosphere of offline class
- I am sorry that I did not feel as a part of the learning community.
- Nothing
- The professor is friendly and willing to help with any problems, so this helped a little with feeling like you 'belong' to the unit.
- Not sure
- Communicate with my classmates
- the live course meetings and the r labs
- Supervision is really good.
- The tutorial.
- discussion board
- How easy it is to talk to the teacher and other students. The help they offer you.
- Dr. Nadarajah regularly asked if we needed any more support and if we did only to drop an email
- We can ask questions by emails or zoom sessions.
- online lecture
- Sometimes I look at the zoom call and if I try really hard, I can almost imagine real people behind the name cards.
- Offering on hand help from lecturers
- Mr Saraales was very supportive and engaged. He really did a good job keeping the students updated with the work
- Mr. Nadarajah always sent us remaining emails for every week's classes and sent blessing emails on special days! That made me fell tot be cared, very lovely!
- everthing helps a lot
- Nothing although I accept this is difficult
- The online tutorials etc, smaller groups help with feeling like I'm part of the course
- Care from professors and tutors
- No
- Encouraging interaction on Zoom sessions
- -
- nil
- Large tutorial groups
- Everything excellent
- Saralees was very available for his students and I think we all appreciated that we could contact him whenever necessary, he made himself very approachable and I think it made all of us feel very welcomed into the learning community.
- I don't really feel like part of a learning community, online makes it a very isolated course.
- I feel like this semester lacked any type of contact with coursemates: last semester the MATLAB and LaTeX course included working in groups, but there was nothing like this during Semester 2
- tutorials
- Professor tried to look very caring and supportive like a parent.

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16 - What could we do better to make you feel part of a learning community? (this could be whilst studying this unit remotely, either online or through blended experience if some of the unit was delivered in person)	
Response Rate	35/511 (6.85%)

• Hold extracurricular math problems for students from all over the world to exchange ideas.

• I did not know any events about the learning(not only on this unit but all my courses). So I think some private studying group is very essential for study remotely. Most students cannot have face-to-face communication, which is a quite big loss in year one. Although some students do not want to participant in such groups, there is a large number of students who want to have these groups. Moreover, some interesting knowledge can be introduced in the discussion board or in the community. (The above opinions are not limited to this course, but also my opinions on all the courses in the department of Mathematics)

• More ways to contact other students.

• As the learning is online, it's hardly possible to build a strong community.

• Not sure

• All good

• more interactive sessions would be great

• All good.

• Have more group based projects and work.

• give us some feedback every week like news.

• Nothing

• Maybe have smaller group discussion.

• online lecture and tutorial

• Could we establish a discussion board in Piazza or all posted questions will be solved in the review session ? I hope all questions are visible for every student in this course unit.

• N/A

• Is difficult to do so during period of corona as more one to one communication with lecturers and other students hasn't been possible.

• More communication opportunities with classmates during studying.

• everthing is good

• Nothing again as I believe forced interactions of students online doesn't tend to work very well

• Understandably couldn't happen this year, but maybe a maths ball at some point in future years - is a great way to socialise.

• More opportunities to meet new classmates and friends (I think most of the reason is due to this year's novel Coronavirus).

• No

• students should be split into groups throughout the year, where they will keep connected. it is extremely hard to get to know new friends or colleagues that might help in the learning process.

• Provide other opportunities for interactive studying with other students (outside review/tutorial sessions).

• May be divide us into small groups and give us some tasks/workshop to solve together regularly in order to know and communicate to each other.

• In person teaching.

• supervisions of 10 people with open cameras to get to know some people in the course instead of tutorials

• group work

• I am not sure, but the biggest problem is having no math student friends to talk to

• nil

• All good thank you

• Some teaching in person would make a huge difference. Please ensure we are not learning remotely next academic year if lockdown is over!

• Get back to doing lectures in person.

• A couple of classes a week in person.

• Study on campus