University of Manchester
2019-20 Semester 2 Mathematics (UG & PG)

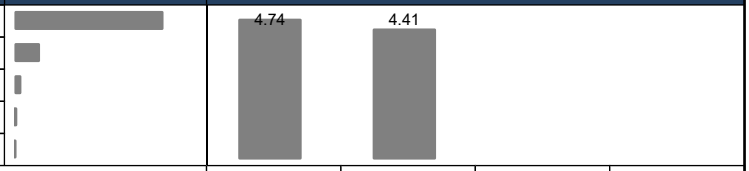
Course: I3133-MATH-10282-1191-2SE-026681: MATH10282 Introduction to Statistics 2019-20 2nd Semester

Instructor: Lorna Dawson,Peter Foster,Saralees Nadarajah * ,Korbinian Strimmer,Louise Walker

Response Rate: 237/356 (66.57 %)

1 - The online learning and assessment on this unit was delivered very well.

Response Option	Weight	Frequency	Percent	Percent Responses
Agree	(5)	192	81.01%	
Mostly Agree	(4)	33	13.92%	
Neither Agree Nor Disagree	(3)	9	3.80%	
Mostly Disagree	(2)	2	0.84%	
Disagree	(1)	1	0.42%	



Response Rate	Mean	STD	Median	School BM Data	Mean	STD	Median
237/356 (66.57%)	4.74	0.61	5.00	1629	4.41	0.92	5.00

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2 - What did you find most helpful?	
Response Rate	126/356 (35.39%)

• I preferred having the "live" lectures as opposed to the uploading of last years lectures, as it made them more interactive and you could ask question ect. Saralees was a great lecturer, everything was well explained with lots and lots of examples to reinforce understanding - was particularly useful covering a range of examples. Even with the pandemic, work was returned very promptly, and I thought the scanning of work was a nice touch to be able to see the feedback/what went wrong on the weekly quizzes. Also thought the weekly quizzes were good to keep on top of the content and continually work throughout the course. I liked how the example classes spent the time going through the examples. Overall, a great course taught by a great lecturer.

• Lectures and weekly quiz assignments.

• The live lectures.

• Enough examples were given

• THE HANDWRITTEN NOTES AND THE PODCAST OF EVERY LECTURE AND TUTORIAL. THE CORRECTIONS AND FEEDBACKS OF OUR QUIZ AND COURSEWORK ARE ALSO REALLY HELPFUL.

• Saralees made sure that everything was in one place and was easy for us to find.

• It was all good!

• Fast replies

• zoom sessions

• Lectures continuing live on zoom with live questions and answers when required

• Teaching method was very good everything was explained very clearly and a good amount of examples were given. Feedback was given very quickly.

• Zoom

• The lecturer and his feedback are exceptional.

• Exceptional feedback.

• The support given by the teacher.

• I think it help us avoid missing learning our courses without professor.

• Everything was easy to access

• Live zoom meetings for online lectures.

• Scanned notes of each lecture and tutorials

• Class notes

• Yes, I think so.

• I found the fact that he delivered all lectures over zoom very useful as most lecturers gave previous year's recordings

• the video is really helpful

• Quizzes

• Weekly quiz

• notes

• Have quiz every week!

• Everything

• The lecturer sent many lecture notes and podcasts to the blackboard.

• Scanned handwritten notes

• The online session of lectures instead of just using podcasts from previous years

• Good feedback

• Saralees ensured we had the mist support possible, and was always quick to mark and feedback our work.

• Lecturer was very clear with when lectures would be and how to log in to them. Lessons covered it detail and ready to answer any questions.

• Online lectures and tutorial are helpful.

• Saralees was always available for help even out of his office hour time slot.

• I found the weekly tests challenging and quite helpful as a result and I appreciate the feedback for this.

• The tutorials and the lectures carried on the zoom are really helpful

• Saralees Nadarajah re did all the classes online rather then just putting past years podcast on blackboard. (He did both) It was easy to email our assessments through to him and we got marks back on the same day.

• Dr. Saralees is an extremely helpful and supportive both with our studies and external questions. I have always been adviced when in need and helped additionally until I fully understand the course. No matter how high of a recommebdation I give, it would not be enough.

• the constant avaulability of support on offer

• The feedback

• The professor always helps me and he is really good !

• Everything

• Saralees always gives us feedback to our assessments that we submit online and tells us where we've gone wrong. He delivers live lectures on zoom along with lots of example classes throughout the week which are really helpful.

• Decent amount of detail provided on notes

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• All lecture materials would be uploaded to his webpage so that was also very helpful. Tutorial materials would also be uploaded which was helpful for when I couldn't make it into tutorials or missed something when taking down notes.

• The lecture notes and delivery of the stuff was really good.

• The lecturer was always available on zoom for questions

• The Notes

• The notes are very concise and useful, when Saralees started doing more examples during lectures, I found that very helpful,

• The support given by the lecturer.

• The quiz every week is helpful.

• The lecturer is always available to help

• Lecture notes uploaded

• The online notes and the material covered in lectures was really helpful. Also, the quizzes made me think more about how to use the statistical formulas.

• The course's section on the website is easy to navigate and access to course material / assessment material is convenient

• lecture with many examples

• Professor Nadarajah's excellent teaching and commitment to help students. His vast notes and previous exam questions also help. Thanks very much Sir for your teaching!

• Saralees is the most kind and helpful lecturer, he always reminds students he is available 24/7 on zoom and email f we need any help which is a lovely gesture to offer.

• The teacher uses zoom for online taching which I can easily log into.

• Teacher's quick feedback He can give me any help if I need.

• Mr. Saralees has provided students the best possible support every week and throughout this semester, gave me a lot of help to solve questions and have a deep understanding of knowledge.

• video

• Nice handwritten notes, organized course outline and structure,helpful hints and kind teacher

• online notes and past paper

• the notes and podcast

• The number of example questions that we did in the lectures

• the online learning materials is helpful.

• The fact that all timetabled lectures and classes are uploaded to blackboard

• The continuous information and support provided from my lecturer saralees

• The quizzes and the feedback given by the professor.

• Professor had loads of examples and available at any time. I also gave prompt feedback.

• His engagement with the students and availability.

• all the points are explained very clearly. and example sheets are very helpful.

• The recorded example classes

• Quizzes as we go along to check knowledge

• The lecturer was very helpful and always available if we needed help.

• The delivery of the lectures and the notes.

• Plenty of one-to-one help made available.

• The online zoom sessions

• Extremely helpful

• the individual help and hand-writing notes were really helpful.

• Online lectures

• The online notes

• Giving examples that are related to our homework

• Many

• The R project

• all of it

• The best website for a course which has everything I needed

• Saralees Nadarajah was available anytime to talk to.

• The ease of access of online material, as well as solutions to past quizzes etc. Also, the fact that the lecturer was always prepared to help anyone when he is free, using online zoom.

• online notes

• I think the online note is really helpful, and my teacher always provided my the feedback ontime.

• Notes.

• The delivery and lecture notes.

• The feedback of quizzes every week is very useful.

• Lots of examples in the lectures

• The simplicity in the way the course was delivered, notes were fantastic.

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- the online note
- exhaustive Online Course Materials
- The resources made learning the content at home achievable, and whilst some material may be difficult, there were still ample opportunities to receive the help needed to get the most out of the unit.
- The large amount of examples was very helpful. More courses should do this.
- All the materials and feedback from the professor.
- The support that Saralees provides. He is delivering live lectures even though podcasts from last year are available. Also, he is keen to answer any questions at any time. He is so supportive.
- Quick marking and feedback of all homeworks and coursework.
- Materials teacher provided in the blackboard are comprehensive.
- Written notes
- Supportive professor and good online lectures.
- Zoom sessions
- Lecturer's character. His willingness to help us was the most important. He was caring about us . Moreover his online learning was the best
- Scanned copy of each assignment attached to feedback email.
- The lectures were live but all notes were scanned and kectures were also recorded if you were to miss one. Lecturer was always ready to help one-to-one also through zoom which is very helpful.
- The zoom section and online notes
- Excellent feedback
- feedback really quick!
- The detailed resource the teacher provided.
- The tutorial class is very helpful.
- Feedback was excellent - very quick.
- The quick response from the lecturer after asking them questions over email.
- free time for zoom
- There were multiples tutorials and two lectures through Zoom. Every week Professor Saralees will send an email which highlights what will be covered through the week and a reminder email a day before lecture or tutorial.
- This course enables me to master the basic application of statistics.
- The feedback was always delivered quickly and it was helpful. Having the podcasts from last year made it easier for me to learn. I find very helpful having all of the materials on one website. I appreciate the work put into the online lectures and tutorials by the professor.
- The notes in lecture were very good
- handout at the start of the year

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3 - What needs to be improved?	
Response Rate	79/356 (22.19%)

• My only (minor) criticism is the example sheets don't seem to align fully with the course content, as there appears to be some questions which we can't do/haven't learnt about.

• The difficulty of coursework assignment; More insight about R software, hopefully more R sessions.

• Sometimes the technology wasn't the best

• Nothing

• NOTHING. IT IS REALLY GOOD.

• Personally I significantly dislike zoom which was the only way that Saralees would carry out the classes. I think there should be a standardised way of doing these classes and blackboard collaborate is much easier to use and is more secure.

• Not sure.

• nothing yet

• I think it would be good to have more clear definitions of the concepts, sometimes it is difficult to understand some concepts just with examples.

• Too many examples! Never have I been in a class where we have spent so long doing examples on the same things

• So far so good.

• Well,because we stay in different country,I think Internet is the most important.

• The notes from the zoom lectures are difficult to read sometimes

• Nothing.

• Sometimes the projector of Roscoe A is not working well, and it is hard for us to read the writings

• The internet connection is not very good.

• everything is really good

• Lectures are too slow

• Nothing

• Could not use black colour background in the notes. I prefer the previous version of notes

• Everything has been great for me

• Nothing

• No.

• N/a

• They done brilliantly. Nothing to improve.

• Everything is already perfect.

• Possibly a little more depth in some areas. I would like to know more about the t-distribution for example rather than just touching on it.

• no

• In my opinion, the course is perfectly tailored.

• Nothing

• Nothing . The professor is perfect.

• Nothing

• N/A

• Would be helpful to make a key for mathematical notation and what they mean when writing out the lecture notes as sometimes I don’t know what the notation means.

• Maybe it could be at a quicker pace.

• Maybe the times of classes should be adjusted or the same class be delivered in 2 different times. Because of time zones it was difficult to attend classes

• Instructions for the Coursework

• Not much that I can think of.

• Smaller example classes

• Everything is great.

• N/A

• The tutorials need to be more focus on solving more questions.

• more exercise

• Improving the colour of the website would be a big improvement. I like how the notes are labelled but maybe changing the background colour to cream or light blue (especially useful for people with dyslexia like me).

• I think everything is great.

• Please take care of yourself!!! don't stay up late!!!!!

• Online notes

• no

• nothing

• We should be allowed to hand in our quiz answers by email

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- The pace and the depth of the course.
- Nothing.
- The software used to scar the notes often comes out blury
- Nothing. I thoroughly enjoyed the course!!
- Nothing of note.
- Nothing much
- Quality of recording
- Nothing
- NO
- none of it
- Nothing. Everything goes well.
- The assessment should be more difficult. When the quizzes are harder it helps for memorising important definitions and theorems.
- Maybe some applications could be included.
- nothing. It's good enough.
- The handwritten notes delivered during the recently have different size from the top to the bottom, which make me hard to read them.
- More explanations of what we are actually doing and calculating. The concepts are abstract and though I can carry out the processes due to the examples, I often don't know what I am actually doing or why the information is useful in statistics.
- More explaining of the usability of the material.
- I would like this course to be more fast-paced and deliver more material.
- Nothing
- Notes could be easier to read or a typed document would be nice.
- N/a
- Notes to be a bit more clear.
- Nothing. Everything is good.
- More examples.
- The 'lecture notes' do not seem to match upto lecture material - would be useful if they did, as I just found the lecture notes confusing and in an irregular order.
- Nothing
- If it is an online class, I hope the professor can upload slides with detailed explanation.
- The example sheets
- better delivery of lectures with more explaination

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4 - I found the technical support offered by the University helpful.

Response Option	Weight	Frequency	Percent	Percent Responses
Agree	(5)	151	63.71%	
Mostly Agree	(4)	53	22.36%	
Neither Agree Nor Disagree	(3)	28	11.81%	
Mostly Disagree	(2)	1	0.42%	
Disagree	(1)	4	1.69%	

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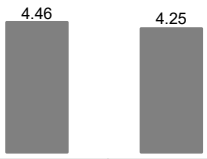
Means



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237/356 (66.57%)	4.46	0.85	5.00	1629	4.25	0.97	5.00

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5 - What support service/resource did you find the most helpful?	
Response Rate	71/356 (19.94%)

- Office hours and additional helps.
- The emails sent to us, assuring us of their support.
- The whole BlackBoard, any updates are informed via student email.
- I did not receive any technical support from the University
- Not sure.
- zoom sessions
- The supervision classes.
- Blackboard collaborate.
- Sir's personal website, providing a lot of information and last year's quizzes
- Lecture notes and example classes
- the online notes is most helpful
- Zoom
- Saralees was great at responding to questions and giving feedback and stuff.
- Collaborate
- All of it
- The lecturer sent feedback every week and answered every question through email.
- The blackboard can't be loaded even with vpn in China. And IT team can't do anything with it.
- Saralees e-mails are always extremely thorough on how to log in to each lecture and when they will be.
- Blackboard and zoom are helpful
- All lectures notes were available from this semester and from last years.
- Still got email replies relatively quickly even at the height of the covid -19 outbreak
- I like the support received when I emailed my problems to the lecturer.
- The study content on the blackboard almost covered all the info we want to know.
- Just being able to email.
- All resources that I found on the Internet were precicesly what I have been in need of.
- Online visualiser slides.
- If I have a problem, the professor always helps me and he is ready to teach. I wanna learn math from him in the future.
- links in emails
- Posting the lectures online.
- I like the fact that the lectures are done on zoom which is widely used and easily accessible.
- Blackboard material
- Podcasts
- N/A
- The lecturer (Saralees) stays in constant contact with students which is very helpful
- example classes
- Zoom and Prof's website
- Lecture recordings
- The link of the podcast and the service 24/7
- Podcast
- blackboard and email
- Had some help with the r software which was useful as I could not go into uni to do it
- The lectures being online and the frequent zoom meetings
- Feedback and the supplementary notes given.
- Saralees' feedback and response to questions
- all the quizzes and example sheets.
- The lab sessions
- Online notes
- Zoom
- Blackboard
- NO
- The Quiz

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- The quick response to query emails
- Email.
- Online notes from the lectures
- Podcasts
- Continued lectures and example classes though the epidemic
- Online Course Materials
- Lectures.
- The professor being available 24/7
- Zoom
- Lecturer's contact with us
- Immense support from Saralees - super friendly and I could just email him about anything anytime.
- lecture notes and recordings
- each week still have online lecture and remind us inadvance
- The video portal is a very good resource.
- Lecture Notes
- Feedback
- Online notes
- n my opinion, tutorial class is the most helpful resource.
- Lecture notes
- feedback on quizzes

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6 - I would be happy for more of my learning and assessments to be delivered online in the future.

Response Option	Weight	Frequency	Percent	Percent Responses
Agree	(5)	119	50.21%	
Mostly Agree	(4)	41	17.30%	
Neither Agree Nor Disagree	(3)	38	16.03%	
Mostly Disagree	(2)	22	9.28%	
Disagree	(1)	17	7.17%	

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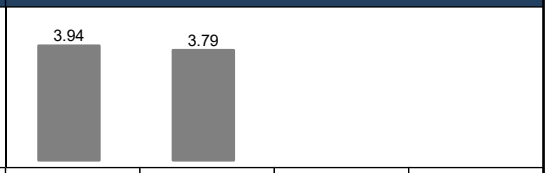

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7 - What additional support would you need?

Response Rate	47/356 (13.2%)

- None for this course.
- More resources to learn the subject, like online books or links.
- Nothing
- NOTHING.
- To be paying less for my degree as value for money is not being delivered
- If the circumstances do remain the way they do, then in September it would be better if full course notes were released at the start, not just for Statistics, but for all courses. This is because learning using mainly notes is quite tough and takes a lot of time.
- nothing yet
- Lectures should be on the podcasts as they are easier to access rather than over zoom
- Internet connection is slow abroad
- I prefer face to face learning as it is more beneficial but I really appreciate his immediate replies no matter what question I have as it is very easy to move on with my work.
- It would be more helpful if there was a handout for every week lectures.
- None
- No.
- It's simple to get access. But, the quality from face-to-face teaching cannot be reached. And both lecturer and students find online teaching rather bizzare.
- None.
- Nothing
- Online lectures/supervision is not the same quality of learning as in person lectures. It is harder to learn everything online.
- I don’t think online learning is nearly as good as going to lectures and tutorials
- I much prefer face to face teaching but I understand this may not be entirely possible in future. Perhaps, if more content is online, I would like for there to be zoom learning which has a clear and organised structure, e.g. every Monday at 10am.
- no
- None.
- I don’t think I need any additional support
- Nothing! Wish the professor all the best.
- Being able to view the videos on different speeds.
- Assessments be made to be taken in a wider time range to accommodate time zones. Also be assessed in a way that would not make typing math difficult
- I find in person lectures more useful
- I prefer online lectures as I feel I can ask questions more freely. I also prefer not meeting humans in lectures since they can be extremely annoying and you are forced to commit social communication.
- please sleep more, my dear sir!!!!
- may be a final assessment to review all topics
- Face to face example classes
- I don’t feel like the learning provided online is as good as in person
- /
- I just prefer lectures
- More example classes and the lectures onlin
- My broadband at home is very weak and struggles to watch the lecture podcasts when live. Therefore online lectures have been a big struggle.
- nothing
- NO
- I want to communicate to my peers face to face. Conversation about maths is much more exciting. This helps with understanding and helps build the passion for the subject. Online learning cannot copy this.
- nothing
- It well be very helpful if i can resubmit my assessment.
- More lecture notes
- N/a
- no additional support needed
- More notes
- Maybe weekly online tests on the topics covered during that week - when there is a test or something for me to work towards, it gives me more motivation to complete the work.
- If we will take online class in the future, would you please use ZOOM? Because of COVID19, part of our courses need to be completed in the form of online courses. However, as a Chinese overseas student, online courses in China are very difficult, which affects the quality of the class.
- I do not find online learning as beneficial as face to face learning.

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