

## Description of Your Report

Your Course Evaluation Report contains up to four sets of items, represented in up to four sections in your report, described below.

### Sets of Items

#### **Institutional Items**

These eight items are consistent across the University of Toronto. They are comprised of:

- Five rating-scale items which represent institution-wide teaching and learning priorities.
  - ◊ **The institutional composite mean, a mathematical average of these first five items.**
- One rating-scale item on the overall quality of a student's learning experience.
- Two qualitative comment items.

#### **Divisional Items**

These items are consistent across your division. They represent division-wide priorities for teaching and learning.

#### **Departmental/Program/Course-Type Items**

These items (when applicable) represent further levels of granularity and specificity for teaching and learning priorities within your division (e.g., department, program, course type).

#### **Instructor-Selected Items**

These items are optional items which may be selected from the item bank by instructors during the question personalization period.

- **Note that the results from these items are only reported to instructors, as they are primarily intended to function as personal formative feedback.**

## Report Sections

The following provide different statistical summaries and representations for your institutional, divisional, and departmental/programmatic items (where appropriate).

### **Section 1: Course Evaluation Overview**

Provides all course evaluation data except instructor-selected items.

### **Section 2: Response Distributions and Additional Statistics**

Provides detailed response distributions.

- The number and relative percentage of respondents providing a given answer is provided, along with a graphical representation.
- This section also reports further statistics for each set of items relative to Section 1.

### **Section 3: Comparative Data**

Provides comparative means for your course as compared to the relevant means across *all other evaluated courses at a particular level of comparison (e.g. division, program)* for each set of items.

### **Section 4: Instructor-Selected Items**

Provides data for optional items that instructors can select from the item bank during the question personalization period. This section is formatted identically to Section 2.

## Statistical Terms Used in this Report

**Mean:** The mathematical average. This measure is the most sensitive, and can be greatly affected by extreme and/or divergent scores.

**Median:** The middle value when all responses are ordered. This measure is less affected by extreme and/or divergent scores.

**Mode:** The most frequently occurring score.

**Standard deviation:** A measure of the "spread" of the data.

FAS Winter 2024 Undergrad

<b>Course Name: Meth Data Analysis STA302H1-S-LEC5101</b> <b>Division: ARTSC</b> <b>Session: S</b> <b>Session Codes: F = First/Fall, S = Second/Winter</b>	<b>Instructor: Rohan Alexander</b> <b>Section: LEC5101</b> <b>Delivery Mode: INPER</b>
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Raters	Students
Responded	40
Invited	163

**Section 1: Course Evaluation Overview**

**Part A. Core Institutional Items**

Scale: 1 - Not At All 2 - Somewhat 3 - Moderately 4 - Mostly 5 - A Great Deal

Question	Summary	
	Mean	Median
I found the course intellectually stimulating.	3.6	4.0
The course provided me with a deeper understanding of the subject matter.	3.5	4.0
The instructor ( <b>Rohan Alexander</b> ) created an atmosphere that was conducive to my learning.	3.3	4.0
Course projects, assignments, tests, and/or exams improved my understanding of the course material.	3.6	4.0
Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an understanding of the course material.	3.6	4.0
Institutional Composite Mean	3.5	-

Scale: 1 - Poor 2 - Fair 3 - Good 4 - Very Good 5 - Excellent

Question	Summary	
	Mean	Median
Overall, the quality of my learning experience in this course was:	3.2	3.0

## 7. Please comment on the overall quality of the instruction in this course.

Comments
Rohan is an amazing instructor. I love his philosophy of teaching and how he structures his course. I have no issues with his assignments, tests, or final exams. I think they are all fair and provide an excellent opportunity for the student to demonstrate their knowledge of the given material.
Overall the lectures were not valuable enough for me to attend. Everything we needed to learn was provided online and lectures held activities. More than anything this course teaches students how to learn on their own which is something essential in science and statistics.
good
course load is too heavy. assignments take too much of our time
Instructions aren't clear and the professor is expecting all the students to know the knowledge about more advanced coding methods
Dr. Alexander's lectures were based on his own digital textbook, despite the fact that readings were required to be completed before class (in at least one instance, the lecture involved reading almost directly from the textbook). It would have been helpful if more guidance for the assignments was provided rather than having to self-learn essentially all of the course material. Also, it would have been helpful if the mini-essays were removed from the course given the large time commitment required to complete them. In addition, it would have been helpful if the quizzes were significantly shorter due to the large amount of time needed to finish each one. Furthermore, it would have been helpful if only a total of two large papers were assigned rather than four (i.e., the three term papers and the final paper) given the workload of other courses. Moreover, it would have been helpful if the assignment due dates were spread out to avoid overlap. It would have also been helpful if lecture recordings were provided. Overall, the workload in this course was the equivalent of approximately 3 to 4 courses.
thank you so much really enjoyed this course
Extremely fun and got me to engage.
Classes, while fun, were completely unrelated to success in this course. All direction came from the textbook, and the lectures themselves felt irrelevant.
The professor is very knowledgeable and the course textbook did not contain a lot of fluff.
I quite like this course since it is really practical. I finally have the chance to work on real-life statistical projects, which also helped me a lot with my resume. The textbook is also very good. It is a very detailed book that explains the knowledge with real-life examples.
Very bad professor. For the assignments I did and the hard work I put into it, the grades were not at all reflection of that.
great
Sometimes the professor didn't give the instructions properly or clearly so it was difficult to do the assignments. But the lectures were helpful, the textbook was also helpful, and it was nice to hear from the guests. The professor took the time in lecture to address common questions. He also went over course concepts well. The deadlines were odd. It would have been nice to have things due at 11:59 pm rather than am. However, the professor always took time to address student opinions of the course and made any changes if they were necessary.
The instructions are super clear, Rohan is super helpful.
engaging
Fair.
Not bad, but its literally self-taught course as students depend too much on his website.
This course was very organised unlike other courses offered by the statistics department. The content was intellectually stimulating and classes were very interactive.
BEST INSTRUCTOR! The way the instruction was delivered really made each student feel like an upper year student who could start working on projects of our choice in a semi-independent way. Each term paper was a heavy workload, but it was really gratifying getting it done and having the freedom of choosing topics. Everything needed in the paper could be found in the text book so it was a really rewarding course.
He is the worst professor I have ever met here. He is not lecturing at all. His lecture is just a huge Office Hour. What I do not understand is still not solved.
The overall quality of the instruction in this course was significantly undermined by the lack of organization and coherence in course structure and assignments. The projects assigned throughout the semester, while potentially valuable in theory, fell short in practice due to their misalignment with the course's learning objectives. These projects were often encumbered with an excess of intricate and specific requirements that seemed more pedantic than educational, contributing little to the comprehension or application of the subject matter. This not only made the learning process unnecessarily complicated but also detracted from the potential practical usefulness of the assignments, rendering them more as hoops to jump through rather than opportunities for meaningful learning and skill development.

Comments
The course lacks student support we only have to rely on textbooks.
Quality of instructions were given in vigorous and straight forward points. Allowing for accurate execution of assessments to be done.

### 8. Please comment on any assistance that was available to support your learning in this course.

Comments
The assistance given in this course was very helpful. Piazza questions and emails were answered in a reasonable time frame. Assistance from the writing professional was also extremely helpful when doing our papers.
Rohan was responsive on Piazza and encouraged us not just to learn but how to learn.
no
Office hours and a Piazza discussion board were available to support my learning in the course.
Rohan was helpful both in class and online e.g. piazza.
ChatGPT has helped me solve most coding problems, as have the online forums.
No assistance. Professor wasn't responsive or enthusiastic during lectures.
great
The professor was helpful when we had questions. The piazza was active. I would have been helpful if office hours were more spread out during the week.
Rohan responds to emails quickly and he is very active on piazza.
prof was very supportive
piazza
TAs, office hours.
I really enjoyed how active Rohan was in the Piazza. He really did his best to answer all the questions and to support us all to the best of his capacities. Rohan is one of the profs that really cares about his students and hopes for them to succeed. This was by far the most supportive course I've had ever in the stats department. Thank you Rohan :)
Piazza and my friends at this course
The assistance available to support learning in this course was notably lacking, both in availability and in effectiveness. Efforts to seek clarification or guidance often met with limited responsiveness, leaving many inquiries unanswered or inadequately addressed. When assistance was provided, it frequently felt rushed and superficial, barely scratching the surface of the underlying issues or questions posed. This lack of substantive support not only hindered the resolution of immediate academic challenges but also contributed to a broader sense of neglect and disengagement from the course material. Consequently, the support mechanisms that were supposed to facilitate learning and comprehension appeared more as formalities rather than genuine resources for student growth and understanding.
Office hours
I found that the actual lectures were very poor and did not support my learning as much. This is because, the readings were heavy, and lectures did not teach anything beyond. Everything was self taught and it was hard to get more from lectures as class numbers were high. Hence during lectures, it was an extension of what we have read throughout the week, but if we did not understand it, learning the material was difficult. Moreover, the speed of which professor Rohan processed his lecture were fast paced, making it even more difficult when I did not understand the material for the week. However, I did find piazza very helpful, as it was a space for an individual student to connect with the professor. On top of that, Professor Rohan's response to every piazza post was efficient and on track.

**Part B. Divisional Items**

**Scale: 1 - Not At All 2 - Somewhat 3 - Moderately 4 - Mostly 5 - A Great Deal**

Question	Summary	
	Mean	Median
FAS001 The instructor ( <a href="#">Rohan Alexander</a> ) generated enthusiasm for learning in the course.	3.4	4.0

**Scale: 1 - Very Light 2 - Light 3 - Average 4 - Heavy 5 - Very Heavy**

Question	Summary	
	Mean	Median
FAS002 Compared to other courses, the workload for this course was...	4.2	4.0

**Scale: 1 - Not At All 2 - Somewhat 3 - Moderately 4 - Mostly 5 - Strongly**

Question	Summary	
	Mean	Median
FAS003 I would recommend this course to other students.	3.1	3.0

## Part C: Departmental Items

Scale: 1 - Poor 2 - Fair 3 - Good 4 - Very Good 5 - Excellent

Question	Summary	
	Mean	Median
UNIT(OQI) Overall, the quality of instruction provided by ( <a href="#">Rohan Alexander</a> ) in this course was:	3.2	4.0

## Section 2: Response Distributions and Additional Statistics

This section provides detailed response distributions.

**Mean:** The mathematical average. This measure is the most sensitive, and can be greatly affected by extreme and/or divergent scores.

**Median:** The middle value when all responses are ordered. This measure is less affected by extreme and/or divergent scores.

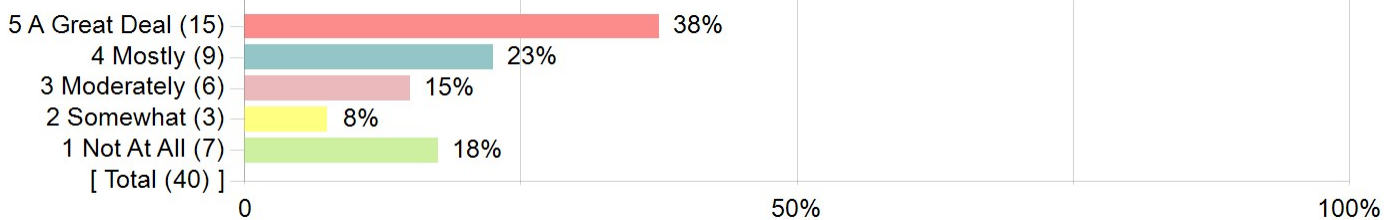
**Mode:** The most frequently occurring score.

**Standard deviation:** A measure of the "spread" of the data.

### Part A: Core Institutional Items

#### 1. I found the course intellectually stimulating.

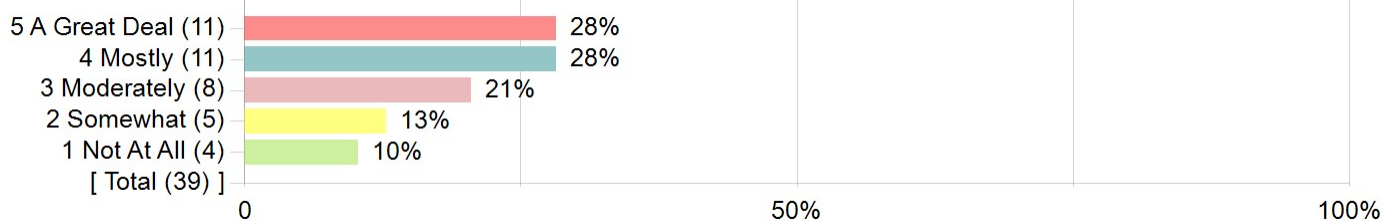
I found the course intellectually stimulating.



Statistics	Value
Mean	3.6
Median	4.0
Mode	5
Standard Deviation	1.5

#### 2. The course provided me with a deeper understanding of the subject matter.

The course provided me with a deeper understanding of the subject matter.

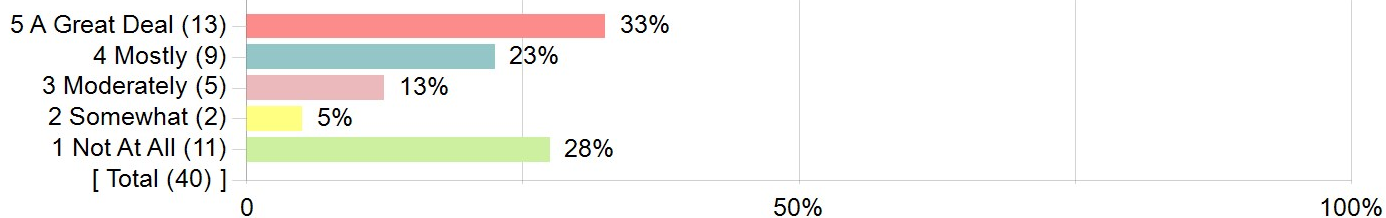


Statistics	Value
Mean	3.5
Median	4.0
Mode	5, 4
Standard Deviation	1.3



**3. The instructor (Rohan Alexander) created a course atmosphere that was conducive to my learning.**

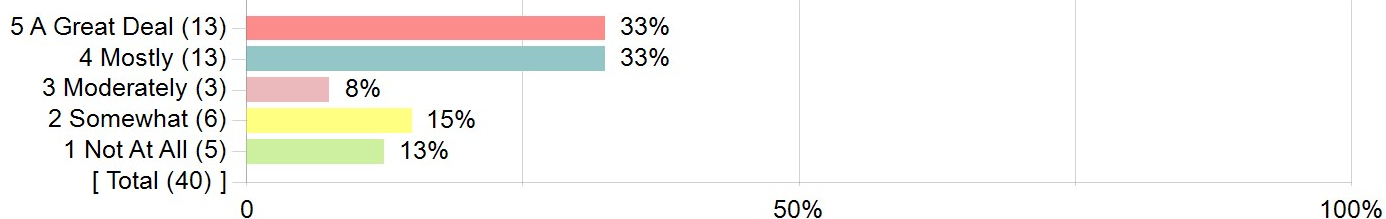
The instructor (Rohan Alexander) created an atmosphere that was conducive to my learning.



Statistics	Value
Mean	3.3
Median	4.0
Mode	5
Standard Deviation	1.6

**4. Course projects, assignments, tests and/or exams improved my understanding of the course material.**

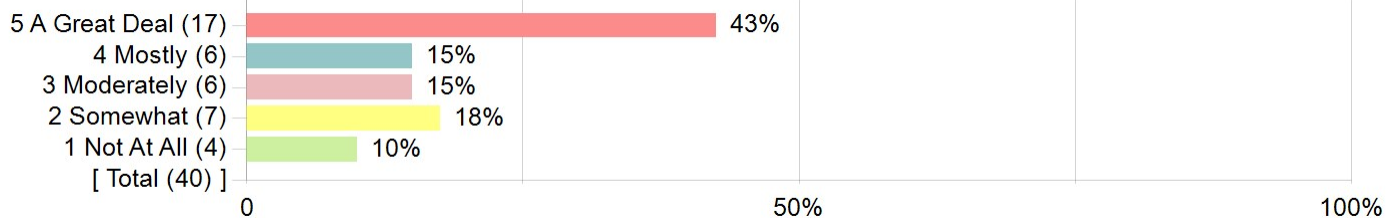
Course projects, assignments, tests, and/or exams improved my understanding of the course material.



Statistics	Value
Mean	3.6
Median	4.0
Mode	5, 4
Standard Deviation	1.4

**5. Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an understanding of the course material.**

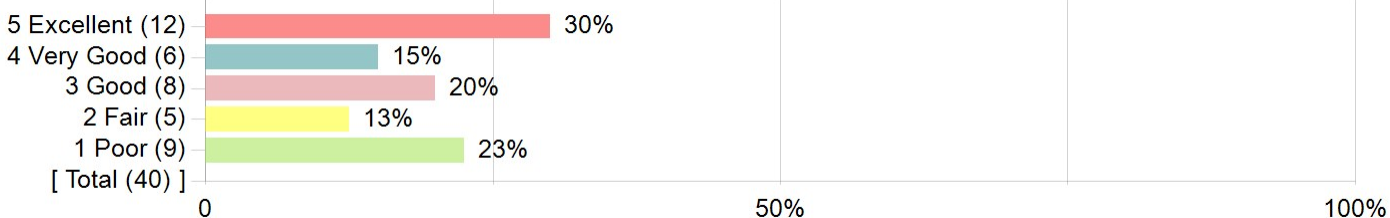
Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an understanding of the course material.



Statistics	Value
Mean	3.6
Median	4.0
Mode	5
Standard Deviation	1.4

**6. Overall, the quality of my learning experience in this course was....**

Overall, the quality of my learning experience in this course was:

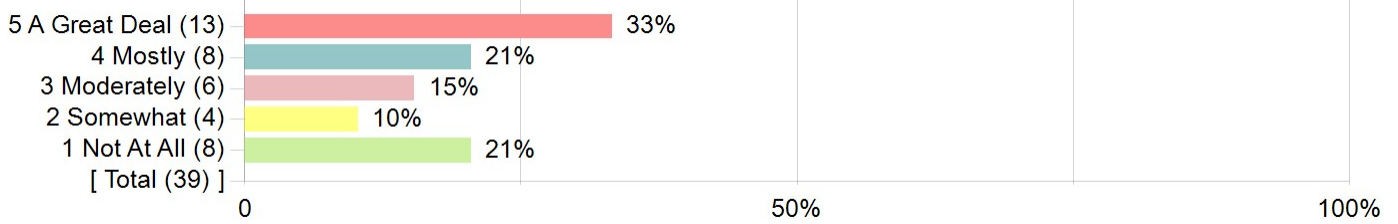


Statistics	Value
Mean	3.2
Median	3.0
Mode	5
Standard Deviation	1.6

## Part B. Divisional Items

The instructor (**Rohan Alexander**) generated enthusiasm for learning in the course.

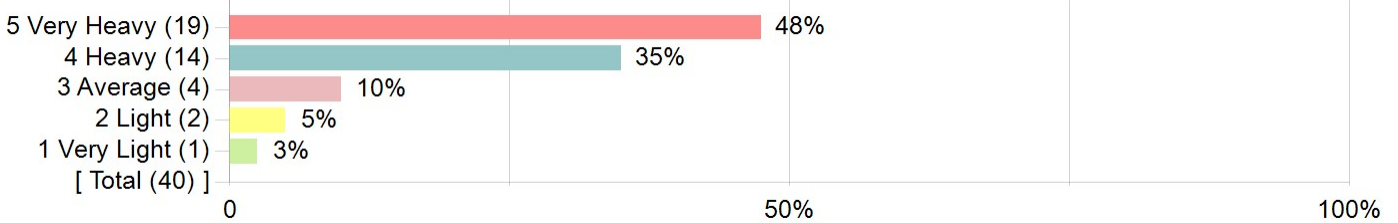
FAS001 The instructor (**Rohan Alexander**) generated enthusiasm for learning in the course.



Statistics	Value
Mean	3.4
Median	4.0
Mode	5
Standard Deviation	1.5

Compared to other courses, the workload for this course was...

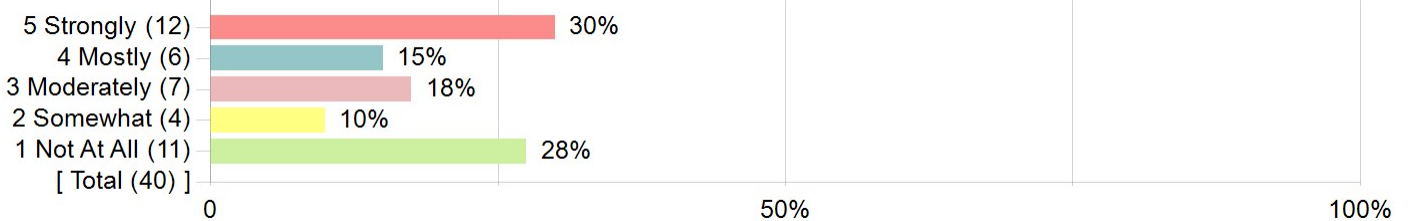
FAS002 Compared to other courses, the workload for this course was...



Statistics	Value
Mean	4.2
Median	4.0
Mode	5
Standard Deviation	1.0

I would recommend this course to other students.

FAS003 I would recommend this course to other students.



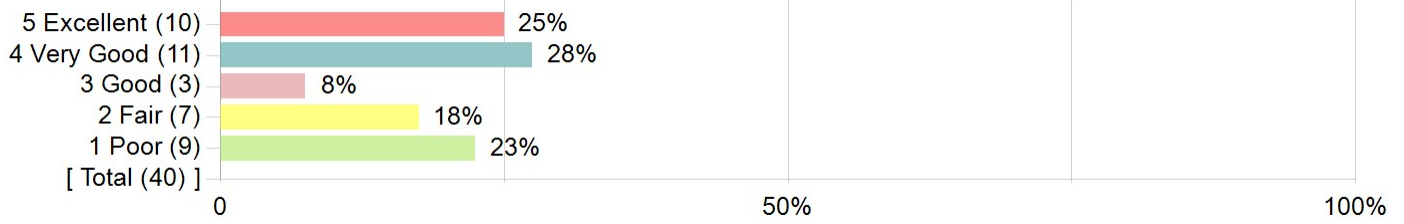
Statistics	Value
Mean	3.1
Median	3.0
Mode	5
Standard Deviation	1.6



## Part C. Departmental Items

Overall, the quality of instruction provided by (**Rohan Alexander**) in this course was:

UNIT(OQI) Overall, the quality of instruction provided by (**Rohan Alexander**) in this course was:



Statistics	Value
Mean	3.2
Median	4.0
Mode	4
Standard Deviation	1.5

## Section 3. Comparative Data

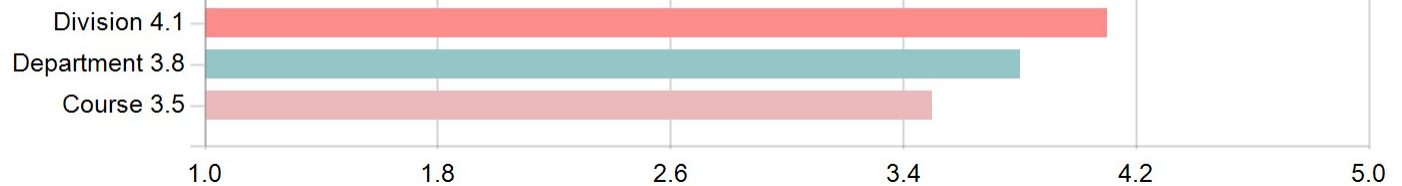
This section provides overall means for given comparators (e.g., division, department) alongside the mean values for a given course. Note that the comparators are calculated by pooling together all individual student survey responses (e.g., student responses for all of the courses in a department are pooled together and the departmental mean responses calculated from that). The provided comparators are thus a measure of the 'average' student experience for a unit or division; they are not a measure of the 'average' course in a unit or division. This calculation has the effect of giving large courses more 'weight' in the calculation of the comparator means. The effect of this on the calculated comparator varies depending on the relative proportion of large or small courses within a unit or division. As such, the departmental and divisional comparative mean values provided on course evaluations should not be regarded as an absolute and definitive benchmark.

*For example, if a department offered only two courses, one with 1000 students who all answered 3.5 and the other with 10 students who all answered 4.5 (so that the means would be 3.5 and 4.5 respectively), then the departmental mean provided on the course evaluations would be 3.51 since the calculation would be  $[(3.5 \times 1000) + (4.5 \times 10)] / 1010 = 3.51$  and not  $(3.5 + 4.5) / 2 = 4$ .*

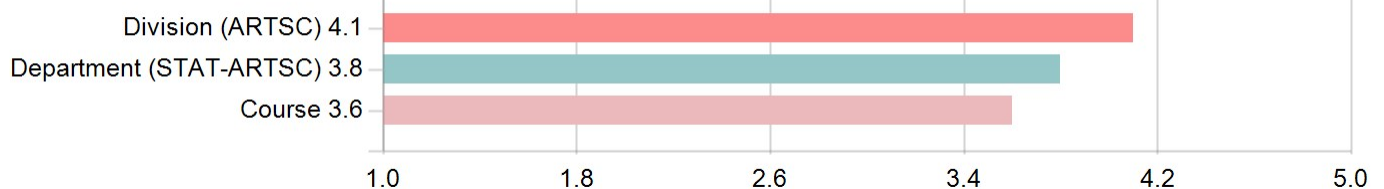
### Part A. Core Institutional Items

Scale: 1 - Not At All 2 - Somewhat 3 - Moderately 4 - Mostly 5 - A Great Deal

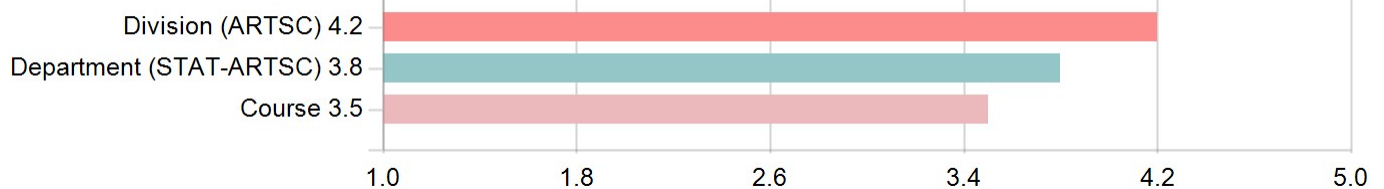
#### Institutional Composite Mean



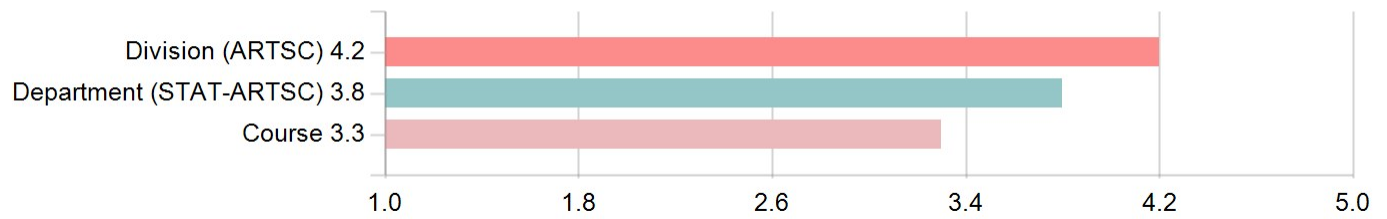
#### 1. I found the course intellectually stimulating.



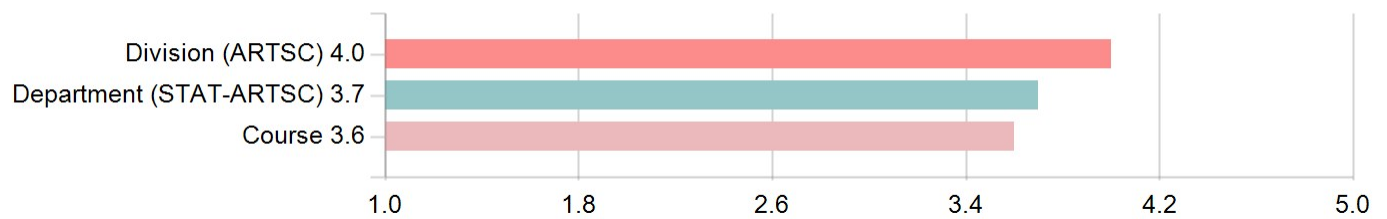
#### 2. The course provided me with a deeper understanding of the subject matter.



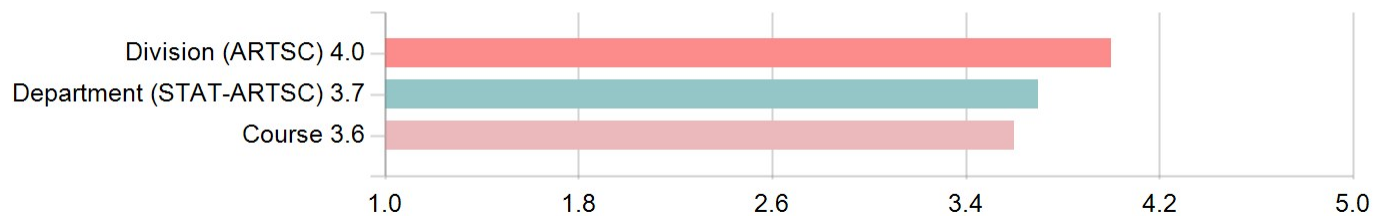
3. The instructor ([Rohan Alexander](#)) created an atmosphere that was conducive to my learning.



4. Course projects, assignments, tests, and/or exams improved my understanding of the course material.

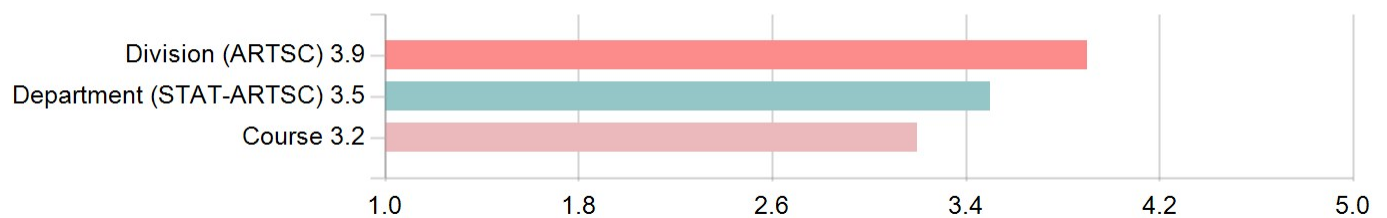


5. Course projects, assignments, tests and/or exams provided opportunity for me to demonstrate an understanding of the course material.



Scale: 1 - Poor 2 - Fair 3 - Good 4 - Very Good 5 - Excellent

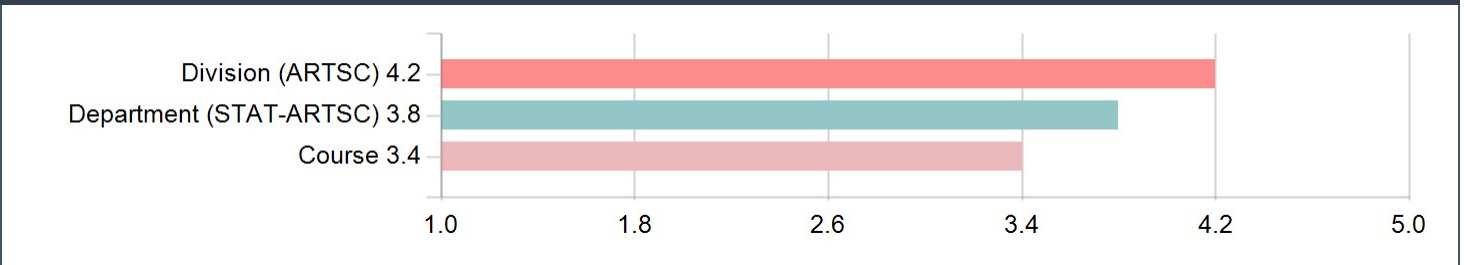
6. Overall, the quality of my learning experience in this course was:



**Part B. Divisional Items**

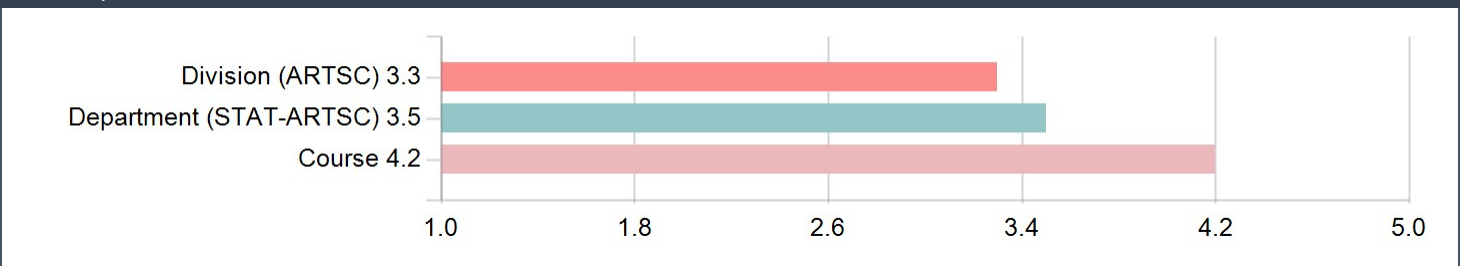
**Scale: 1 - Not At All 2 - Somewhat 3 - Moderately 4 - Mostly 5 - A Great Deal**

9. The instructor generated enthusiasm for learning in the course.



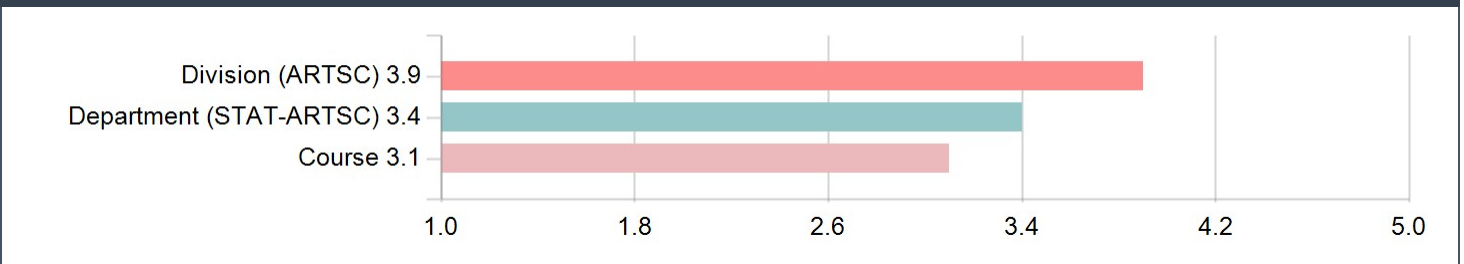
**Scale: 1 - Very Light 2 - Light 3 - Average 4 - Heavy 5 - Very Heavy**

10. Compared to other courses, the workload for this course was:



**Scale: 1 - Not At All 2 - Somewhat 3 - Moderately 4 - Mostly 5 - Strongly**

11. I would recommend this course to other students.





## Part C: Departmental Items

Overall, the quality of instruction provided by (**Rohan Alexander**) in this course was:

