



2019W1 UBCO Individual TA Reports for COSC 301 L01/DATA 301 L01(COSC 301 L01 (TA) - Introduction to Data Analytics, DATA 301 L01 - Introduction to Data Analytics) (Parsa Rajabi)

Project Title: 2019W1 UBCO TA Evaluations

Course Audience: 25

Responses Received: 4

Response Ratio: 16.00%

Report Comments

Recommended Minimum Response Rates

Class Size	Recommended Minimum Response Rates based on 80% confidence & $\pm 10\%$ margin
< 10	75%
11 - 19	65%
20 - 34	55%
35 - 49	40%
50 - 74	35%
75 - 99	25%
100 - 149	20%
150 - 299	15%
300 - 499	10%
> 500	5%

Legend

N: Expected
n: Responded

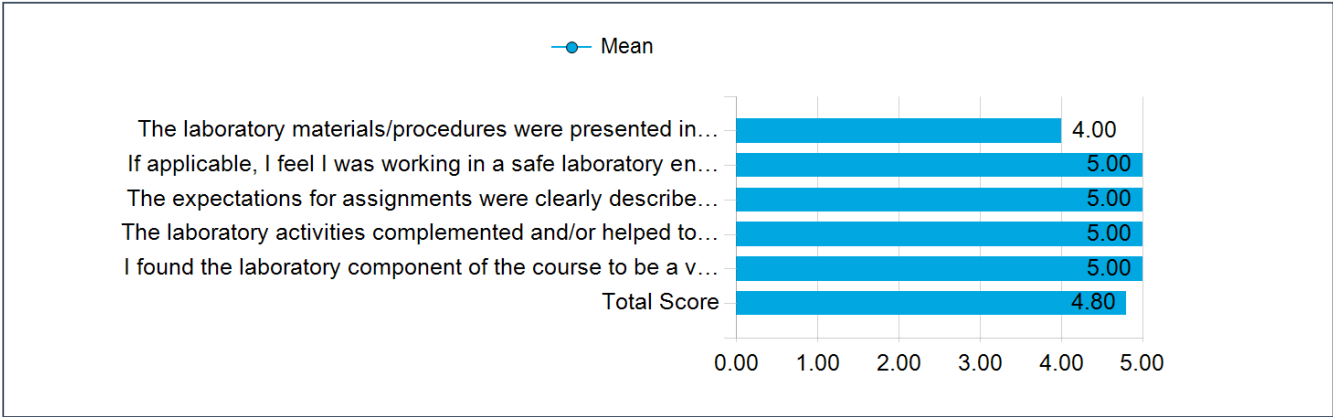
Frequency Distribution

SD: Strongly Disagree
D: Disagree
N: Neutral
A: Agree
SA: Strongly Agree
N/A: Not applicable

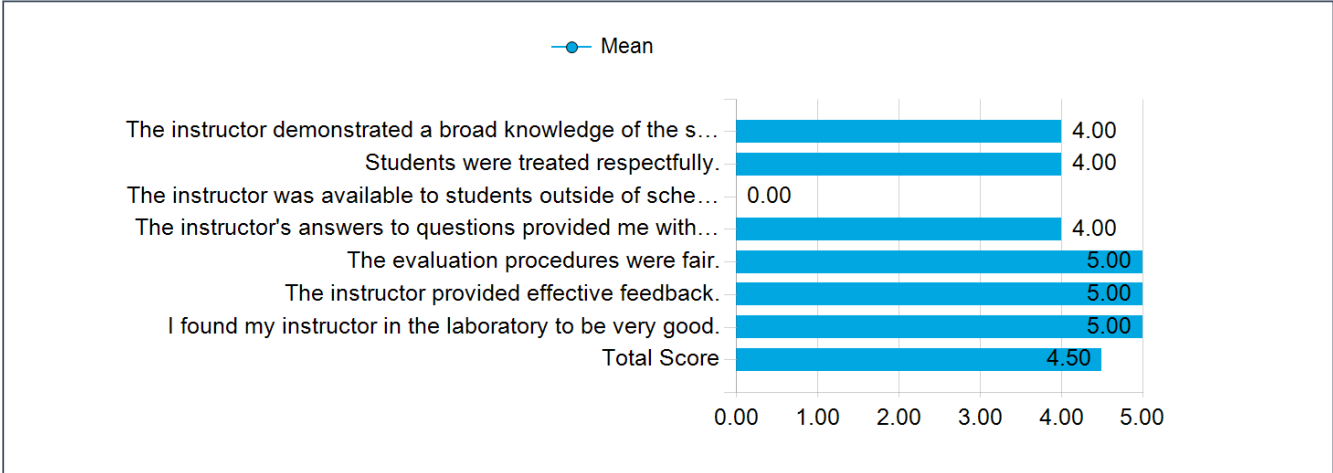
Creation Date: Thursday, September 3, 2020

Summary of Results

Lab Questions

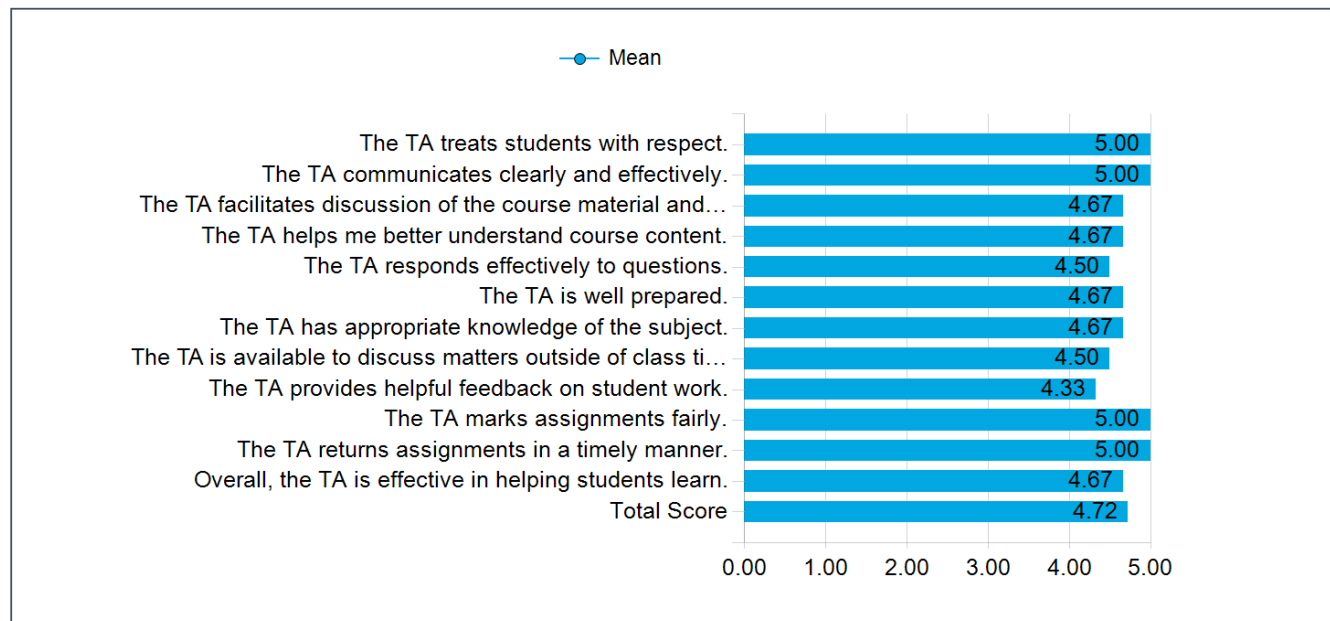


Lab Instructor Questions



Detailed Results

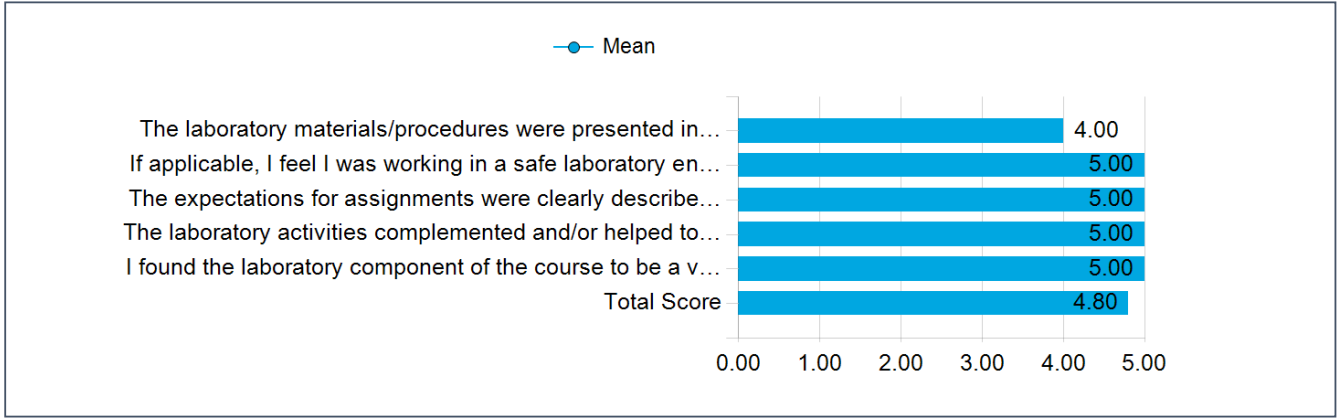
TA Questions



Question	N	n	SD	D	N	A	SA	N/A	IM	DI	Mean	STDEV
The TA treats students with respect.	25	3	0	0	0	0	3	0	5.00	0.00	5.00	0.00
The TA communicates clearly and effectively.	25	3	0	0	0	0	3	0	5.00	0.00	5.00	0.00
The TA facilitates discussion of the course material and course concepts.	25	3	0	0	0	1	2	0	4.75	0.22	4.67	0.58
The TA helps me better understand course content.	25	3	0	0	0	1	2	0	4.75	0.22	4.67	0.58
The TA responds effectively to questions.	25	2	0	0	0	1	1	0	4.50	0.25	4.50	0.71
The TA is well prepared.	25	3	0	0	0	1	2	0	4.75	0.22	4.67	0.58
The TA has appropriate knowledge of the subject.	25	3	0	0	0	1	2	0	4.75	0.22	4.67	0.58
The TA is available to discuss matters outside of class time.	25	3	0	0	0	1	1	1	4.50	0.25	4.50	0.71
The TA provides helpful feedback on student work.	25	3	0	0	1	0	2	0	4.75	0.44	4.33	1.15
The TA marks assignments fairly.	25	3	0	0	0	0	3	0	5.00	0.00	5.00	0.00
The TA returns assignments in a timely manner.	25	3	0	0	0	0	3	0	5.00	0.00	5.00	0.00
Overall, the TA is effective in helping students learn.	25	3	0	0	0	1	2	0	4.75	0.22	4.67	0.58

Question	%Favourable
The TA treats students with respect.	100.00%
The TA communicates clearly and effectively.	100.00%
The TA facilitates discussion of the course material and course concepts.	100.00%
The TA helps me better understand course content.	100.00%
The TA responds effectively to questions.	100.00%
The TA is well prepared.	100.00%
The TA has appropriate knowledge of the subject.	100.00%
The TA is available to discuss matters outside of class time.	100.00%
The TA provides helpful feedback on student work.	66.67%
The TA marks assignments fairly.	100.00%
The TA returns assignments in a timely manner.	100.00%
Overall, the TA is effective in helping students learn.	100.00%

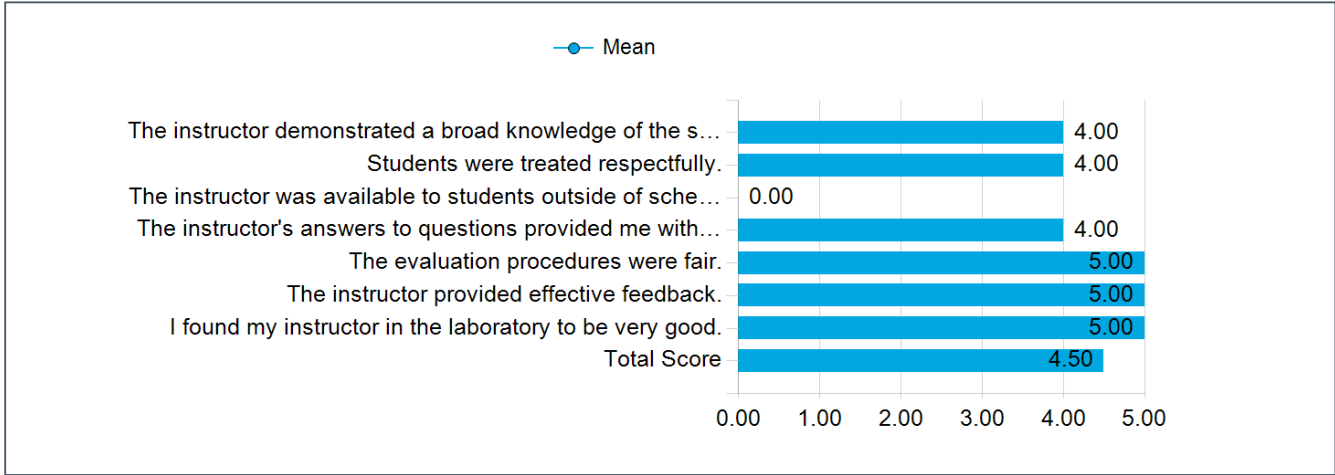
Lab Questions



Question	N	n	SD	D	N	A	SA	N/A	IM	DI	Mean	STDEV
The laboratory materials/procedures were presented in a reasonable level of detail and clarity.	25	1	0	0	0	1	0	0	4.00	0.00	4.00	N/A
If applicable, I feel I was working in a safe laboratory environment.	25	1	0	0	0	0	1	0	5.00	0.00	5.00	N/A
The expectations for assignments were clearly described to students.	25	1	0	0	0	0	1	0	5.00	0.00	5.00	N/A
The laboratory activities complemented and/or helped to increase my understanding of the course material.	25	1	0	0	0	0	1	0	5.00	0.00	5.00	N/A
I found the laboratory component of the course to be a valuable educational experience.	25	1	0	0	0	0	1	0	5.00	0.00	5.00	N/A

Question	%Favourable
The laboratory materials/procedures were presented in a reasonable level of detail and clarity.	100.00%
If applicable, I feel I was working in a safe laboratory environment.	100.00%
The expectations for assignments were clearly described to students.	100.00%
The laboratory activities complemented and/or helped to increase my understanding of the course material.	100.00%
I found the laboratory component of the course to be a valuable educational experience.	100.00%

Lab Instructor Questions



Question	N	n	SD	D	N	A	SA	N/A	IM	DI	Mean	STDEV
The instructor demonstrated a broad knowledge of the subject.	25	1	0	0	0	1	0	0	4.00	0.00	4.00	N/A
Students were treated respectfully.	25	1	0	0	0	1	0	0	4.00	0.00	4.00	N/A
The instructor was available to students outside of scheduled lab periods.	25	1	0	0	0	0	0	1	N/A	N/A	N/A	N/A
The instructor's answers to questions provided me with useful guidance.	25	1	0	0	0	1	0	0	4.00	0.00	4.00	N/A
The evaluation procedures were fair.	25	1	0	0	0	0	1	0	5.00	0.00	5.00	N/A
The instructor provided effective feedback.	25	1	0	0	0	0	1	0	5.00	0.00	5.00	N/A
I found my instructor in the laboratory to be very good.	25	1	0	0	0	0	1	0	5.00	0.00	5.00	N/A

Question	%Favourable
The instructor demonstrated a broad knowledge of the subject.	100.00%
Students were treated respectfully.	100.00%
The instructor was available to students outside of scheduled lab periods.	NRP
The instructor's answers to questions provided me with useful guidance.	100.00%
The evaluation procedures were fair.	100.00%
The instructor provided effective feedback.	100.00%
I found my instructor in the laboratory to be very good.	100.00%

Open ended feedback

What has the Teaching Assistant done well?

Comments

teaching

Parsa is an absolute beauty. Super available both in lab and outside of class, grades assignments extremely quickly, and is all around everything you would hope for in a TA.

How could the Teaching Assistant improve?

Comments

no need for improvement,

n/a

What were the strengths of the course?

Comments

The python labs specifically were very interesting.

What were the weaknesses?

Comments

We only ended up having 6 labs because the professor kept postponing the due dates, which was kind of disappointing. I would have appreciated more practice.

What did you most enjoy about it?

Comments

Lab TA was very helpful and marked assignments quickly. I liked all the opportunities for bonus marks.

Explanatory Note

Percent Favourable Rating

This is the percentage of respondents who rated the instructor a 4 or 5 (Agree or Strongly Agree).

Interpolated Median

The data collected for Student Evaluations of Teaching (SEoT) are ordinal in nature, with a natural order (from 1 to 5). While the mean may be used as a measure of central tendency for such data, it is not an appropriate or accurate representation of SEoT data (cf. Stark & Freishtat, 2014). The usual measure of central tendency for ordinal data is the median. As a result, we have been reporting the mean and the median for the last several years. After considerable thought and data modeling, we now believe that the interpolated median is the best representation of the data, since it takes the frequency distribution into account.

Consider the following example from 2015W, the two classes have identical mean (3.8). However, the instructor in class 2 received 77% favourable (4-5) ratings, compared to 53% for the instructor in class 1. The Interpolated median values of (3.7 and 4.2), much better reflects the distribution of the scores above and below their respective median. Furthermore, the interpolated median is better correlated with percent favourable rating; such that an interpolated median of 3.5 on a Likert scale of 1 to 5, corresponds to 50% favourable rating.

Frequency Distribution

Response for UMI	Class 1	Class 2
5 = Strongly agree	5	5
4 = Agree	3	5
3 = Neither agree nor disagree	6	0
2 = Disagree	1	2
1 = Strongly disagree	0	1
Mean	3.8	3.8
Median	4.0	4.0
Interpolated Median	3.7	4.2
Percent favourable rating	53%	77%

Dispersion Index

The dispersion Index is a measure of variability suitable for ordinal data (Rampichini, Grilli & Petrucci 2004). This dispersion index has values between zero and 1. A zero dispersion index indicates that all students in the section gave the same rating to the instructor. An index value of 1.0 is obtained when the class splits evenly between the two extreme values (Strongly Disagree & Strongly Agree), a very rare occurrence. In SEoT data at UBC, the index rarely exceeds 0.85, and mostly for evaluations not meeting the minimum recommended response rate.