

Project Title: **2022W1 UBC TA SEI Surveys**

Course Audience: **26**

Responses Received: **12**

Response Ratio: **46%**

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%

Creation Date: **Monday, January 16, 2023**



TA Questions

Question	N	n	SD	D	N	A	SA	N/A	IM	DI
The teaching assistant was well prepared.	26	12	1	0	0	2	9	0	4.8	0.4
The teaching assistant was helpful.	26	12	1	0	0	0	11	0	5.0	0.3
The teaching assistant was considerate of students.	26	12	1	0	0	1	10	0	4.9	0.4
The teaching assistant was easily understood.	26	12	1	0	0	3	8	0	4.8	0.5
The teaching assistant was an effective instructor.	26	12	1	0	0	1	10	0	4.9	0.4

Question	%Favourable
The teaching assistant was well prepared.	92%
The teaching assistant was helpful.	92%
The teaching assistant was considerate of students.	92%
The teaching assistant was easily understood.	92%
The teaching assistant was an effective instructor.	92%

Enter comments below

Comments
Brandon is an amazing teacher and leader. He puts a lot of effort into moderating each lab session. He is clearly very knowledgeable about the course content and he always makes sure that I understand the content fully. He is my go-to for deeper questions about the lab.
Brandon was an excellent TA. Very good at explaining things in an understandable way and well prepared for all kinds of questions. He even stayed after lab to help us out with some problems.
You can tell he is very passionate about Computer Science and he explains concepts in a way where it gets many people very interested in computer science. He is also very helpful and very knowledgeable about labs.
Amazing! Helped with questions while still allowing room for you to figure out answers yourself. Approached teaching with care, kindness and encouragement. In-depth understanding of material.
Very passionate about computers made the learning much more fun
He is very knowledgeable about the course materials. He always gives clear and understandable feedback on our lab answers. It would be better if the TA can keep track of the progression of our lab
Good

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 Experience of Instruction (SEI) 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 SEI 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 course sections have identical mean (3.8). However, the instructor in section 2 received 77% favourable (4-5) ratings, compared to 53% for the instructor in section 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 University Module Item	Section 1	Section 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

UBC Student Experience of Instruction

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 respondents in the section rated their experience of instruction the same. An index value of 1.0 is obtained when the respondents are split evenly between the two extreme values (Strongly Disagree & Strongly Agree), a very rare occurrence. In SEI data at UBC, the index rarely exceeds 0.85, and mostly for surveys not meeting the minimum recommended response rate.