

# 2020W1 UBC Individual TA Report for DSCI 552 001 - Statistical Inference and Computation I (Yulia Egorova)

Project Title: **2020W1 UBC TA Evaluations**

Course Audience: **134**

Responses Received: **30**

Response Ratio: **22.39%**

## 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: **Tuesday, January 19, 2021**

## TA Questions

Question	N	n	SD	D	N	A	SA	N/A	IM	DI	Mean	STDEV
The teaching assistant was well prepared.	134	30	0	0	0	11	17	2	4.68	0.24	4.61	0.50
The teaching assistant was helpful.	134	30	0	0	0	9	19	2	4.76	0.22	4.68	0.48
The teaching assistant was considerate of students.	134	30	0	0	0	9	19	2	4.76	0.22	4.68	0.48
The teaching assistant was easily understood.	134	30	0	1	2	8	17	2	4.68	0.37	4.46	0.79
The teaching assistant was an effective instructor.	134	30	0	0	2	9	16	3	4.66	0.31	4.52	0.64

Question	%Favourable
The teaching assistant was well prepared.	100.00%
The teaching assistant was helpful.	100.00%
The teaching assistant was considerate of students.	100.00%
The teaching assistant was easily understood.	89.29%
The teaching assistant was an effective instructor.	92.59%

## Enter comments below

Comments
I know for a fact that Yulia always try to answer our questions on slack. She is helpful and has been a nice guide through the block.
Yulia is a very hard working assistant, I can always turn to her for help almost at anytime. It just seems that she is working 7*24 hours. Besides, she is well prepared for course based knowledge and also helps alot with technical issues software wise. She is professional and would love to listen and help. Many thanks!
Yulia is ready to help almost 24/7.
Yulia is an amazing person. She helped me with the lab questions which were asked and sharing some valuable suggestions for the quizzes. Really appreciate it
Great and considerate TA! Keep it up!!
Responding to student questions effectively
Thank you for being so approachable and being available on Slack to answer questions!
Yulia goes above and beyond in helping students in online platforms when they have questions. Her passion and enthusiasm are contagious.
Good job! Thanks!
Yulia deserve to teach in the MDS. Her knowledge and desire to help the students are phenomenal!
Yulia has been super helpful on slack and during lab hours! I really appreciate her use of the whiteboard to explain concepts.
Yulia is always available to help me with any questions when I DM her on slack or attend labs/office hours. She takes the time to make sure I understand and works the solution in with my current code so that it makes sense to me.
Yulia went out of her way to help me on slack and I am really appreciated for the effort she puts in in answering those questions I had. Thanks Yulia!

## 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.