



2021W1 UBC Individual TA Report for STAT 545A 101 - Exploratory Data Analysis (Yulia Egorova)

Project Title: **2021W1 UBC TA Evaluations**

Course Audience: **107**

Responses Received: **38**

Response Ratio: **36%**

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: **Wednesday, February 9, 2022**

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TA Questions

Question	N	n	SD	D	N	A	SA	N/A	IM	DI
The teaching assistant was well prepared.	107	38	0	0	0	1	35	2	5.0	0.0
The teaching assistant was helpful.	107	38	0	0	0	1	36	1	5.0	0.0
The teaching assistant was considerate of students.	107	38	0	0	0	2	35	1	5.0	0.1
The teaching assistant was easily understood.	107	37	0	0	1	3	32	1	4.9	0.1
The teaching assistant was an effective instructor.	107	36	0	0	0	3	30	3	5.0	0.1

Question	%Favourable
The teaching assistant was well prepared.	100%
The teaching assistant was helpful.	100%
The teaching assistant was considerate of students.	100%
The teaching assistant was easily understood.	97%
The teaching assistant was an effective instructor.	100%

Enter comments below

Comments
I thought Yulia was an excellent TA! She always responded to questions on Slack in a very timely manner. Overall, I thought Yulia was very organized, approachable, and knowledgeable.
Thank you for all the support, it meant a lot going over and above :-)
Deserves a very big raise
Yulia was the TA that I worked most closely with this term. She was incredibly responsive, helpful, and a great person to turn to with troubleshooting questions and for clarification. I really appreciated having her as a TA.
Yulia — and all of the TAs — were SO responsive and helpful. I was in awe of how available they were on Slack and how caring they were to make sure we all had what we needed to succeed.
Yulia was super helpful to students. She was always on the course Slack channel to answer students' questions, even on weekends. On occasions when she didn't have immediate solutions to course questions, she made sure to find the solutions and presented them promptly.
I would like to thank Yulia, she was the most helpful TA! She always showed a lot of patience and commitment with the students. Thank you so much for answering all of our questions so quickly and effectively.
very responsible and patient!
Yulia has been the best TA I have ever had. I reached out to the instructor earlier in the term to express my appreciation for her dedication to the course and the students. She really works around the clock to ensure concepts are understood and facilitates assisting students go above and beyond course material. She learns from students and checks in.
Thank you for your help during the lecture and assignments.
All TAs were responsive, helpful, and constructive. Yulia really seemed to go above and beyond with responses and assistance to student inquiries.
I really appreciated that Yulia answered very quickly to any of the questions regarding assignments and worksheets on Slack and was even willing to Zoom outside of office hours to help me resolve some of the issues.
Thank you for your tireless work answering questions and troubleshooting! You were so supportive, thorough and kind
She did an excellent job answering a million questions on slack. She always answered on the same day and worked hard to find the best answer for each question.
Yulia spent a lot of time and energy on our questions on Slack, which is greatly appreciated. She was also clear and helpful during office hours.
Yulia did such a great job answering all our questions on slack!!!!
Thanks to Yulia! I received a prompt reply on the Slack channel and feedback on the Github issue post. It helps me a lot!
She is the best TA I have ever had, always wanting to help students
Yulia was very responsive on Slack and provided helpful feedback on assignments. She clearly knew the material very well and was able to solve many students' questions.

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
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 evaluations not meeting the minimum recommended response rate.