

# 2022W1 UBC Individual TA Reports for DSCI 523 001 - Programming for Data Manipulation (Yulia Egorova)

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

Course Audience: **127**

Responses Received: **38**

Response Ratio: **30%**

## 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 3, 2023**



TA Questions

Question	N	n	SD	D	N	A	SA	N/A	IM	DI
The teaching assistant was well prepared.	127	38	0	0	2	6	30	0	4.9	0.2
The teaching assistant was helpful.	127	38	0	0	2	4	32	0	4.9	0.2
The teaching assistant was considerate of students.	127	38	0	0	3	5	30	0	4.9	0.2
The teaching assistant was easily understood.	127	38	0	0	4	5	29	0	4.8	0.3
The teaching assistant was an effective instructor.	127	38	0	0	3	5	30	0	4.9	0.2

Question	%Favourable
The teaching assistant was well prepared.	95%
The teaching assistant was helpful.	95%
The teaching assistant was considerate of students.	92%
The teaching assistant was easily understood.	89%
The teaching assistant was an effective instructor.	92%

## Enter comments below

Comments
Very helpful and knowledgeable with R.
Yulia was great in responding to the questions and she was really helpful with r commands. I hope she will be around for the next blocks.
Wow she's a great TA! Could have taught the course herself. So quick to get back to us + knows her stuff!
Yulia was always so responsive on Slack, even during off-hours. She was willing to help with any problems and offered a ton of support to students. Thank you Yulia!
She replied to slack public questions and DMs effectively and patiently.
great!!!
One of the best TAs, extremely helpful :-)
Top-tier TA.
Extremely helpful, and very responsive on slack too
Most helpful TA, when I was in my home country, she would still answer all my questions on slack and help me out.
Yulia is the best TA for this course. She is very responsive and usually replies within minutes on slack. Once I had a problem with my R kernel crashing and she arranged a zoom meeting with me helping me out, at 9 pm. She also explains everything in a very detailed manner. I really appreciate all her help and efforts in teaching and helping us!
She was the best TA we could have for this course. she was well prepared for all the questions and she didn't have to look for the answers to answer us. I hope we have her on future courses.
Yulia has gone above and beyond in her role as a TA this block, and I hope she assists with many of our future classes.
Very responsive, had a clear understanding of the course content and was able to answer any questions that I had. Great job!
Yulia is amazing, super responsive and helpful. Also our assignments were always graded on time.
Yulia was an outstanding TA who made this course better with her hard work and knowledge. She always responded promptly on Slack and was extremely helpful during labs. She was the TA you went to when no one else knew the answer. WOW!~
Yulia is so great. She is energetic and always responds very quickly. Yulia can understand the questions well and catch the point very fast. I would like to express my thanks to her for all the help.
Yulia was very helpful whenever I reached out to her. Her attitude and willingness to resolve queries was amazing. Also she made herself available in labs, office hours, slack which really helped in getting quick turnaround on questions.
She is the best TA!
Fantastic job done. Amazing responsiveness on slack, and thank you for your help and encouragement.

## 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.