
Report Comments

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. Because students more often provide higher ratings (4 or 5), the median is consistently higher than the mean. 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:

Frequency Distribution		
Response for UMI	Class 1	Class 2
5 = Strongly agree	13	4
4 = Agree	26	43
3 = Neither agree nor disagree	35	32
2 = Disagree	20	11
1 = Strongly disagree	6	10
Mean	3.2	3.2
Median	3.0	3.0
Interpolated Median	3.2	3.4
Percent Favourable Rating	39%	47%

In this example, the two classes have identical mean (3.2) and median (3.0). However, the instructor in class 2 received 47% favourable (4-5) ratings, compared to 39% for the instructor in class 1. While both have a Median of 3, the Interpolated median values of (3.2 and 3.4), much better reflects the distribution of the scores above and below the 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.

Dispersion Index

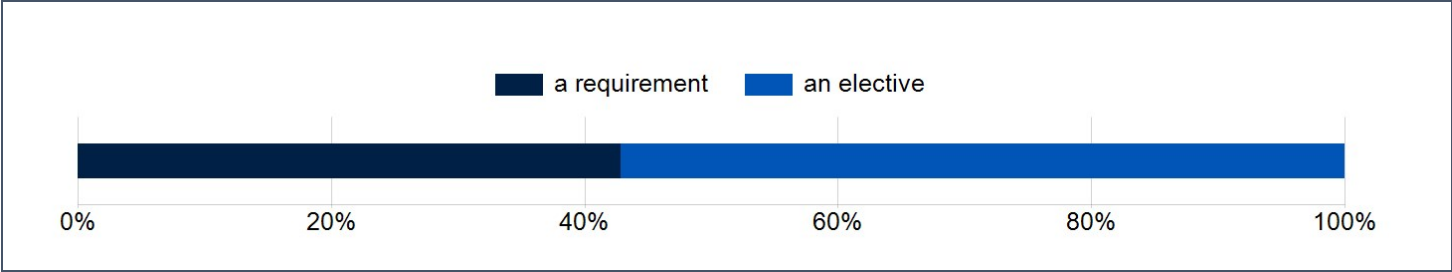
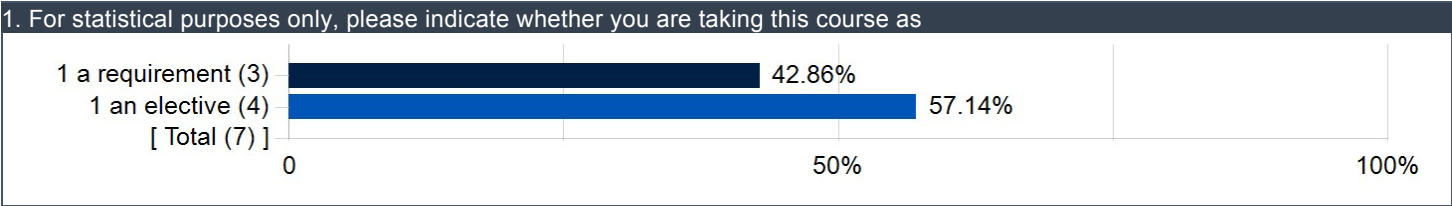
The dispersion Index is a measure of variability suitable for ordinal data (Rampichini, Grilli & Petrucci 2004). This dispersion index has values between zero and 1. A zero dispersion index indicates that all students in the section gave the same rating to the instructor. An index value of 1.0 is obtained 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.

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%

Statistics

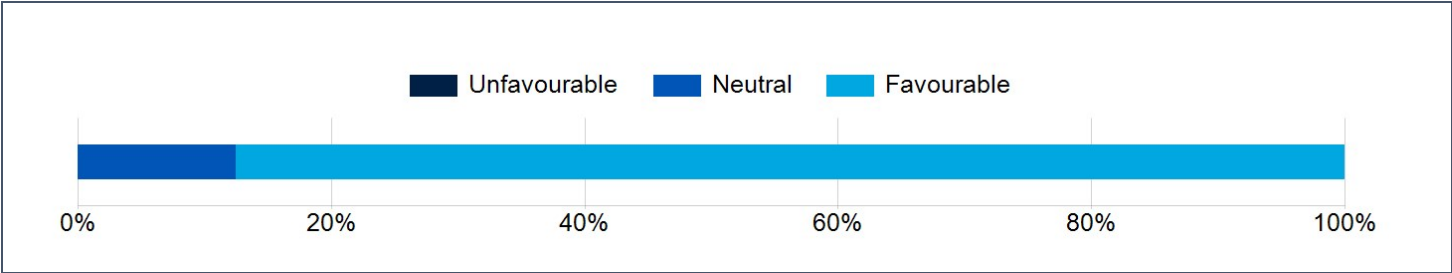
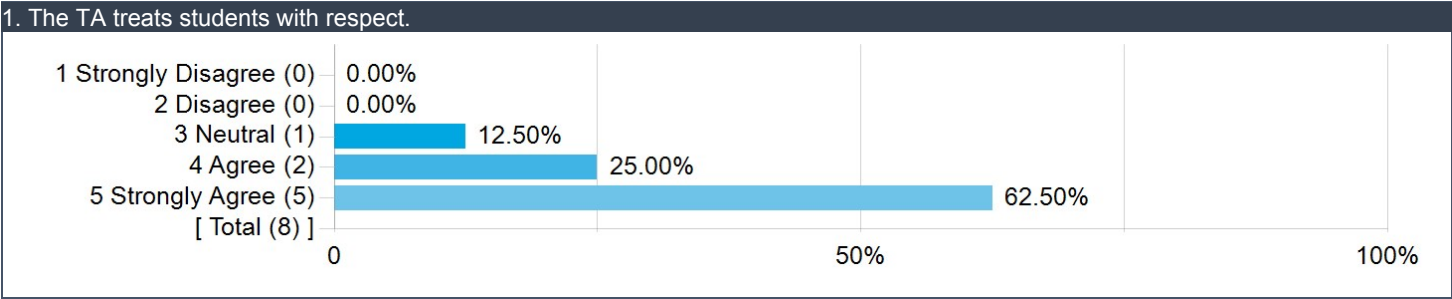
For statistical purposes only, please indicate whether you are taking this course as



Invited Count	Response Count	Response Rate
24	7	29.17%

Teaching Assistant Effectiveness

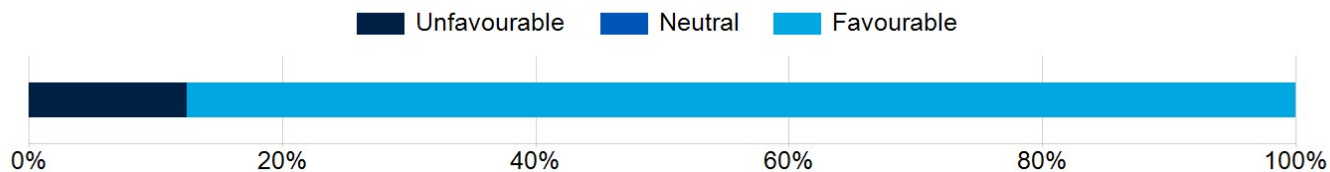
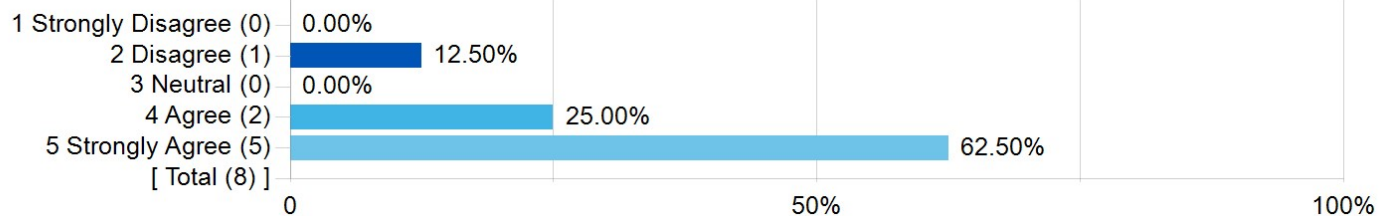
The TA treats students with respect.



Invited Count	Response Count	Response Rate	Favourable	Mean	Standard Deviation	Interpolated Median	Dispersion Index - Ordinal
24	8	33.33%	87.50%	4.50	0.76	4.70	0.34

The TA communicates clearly and effectively.

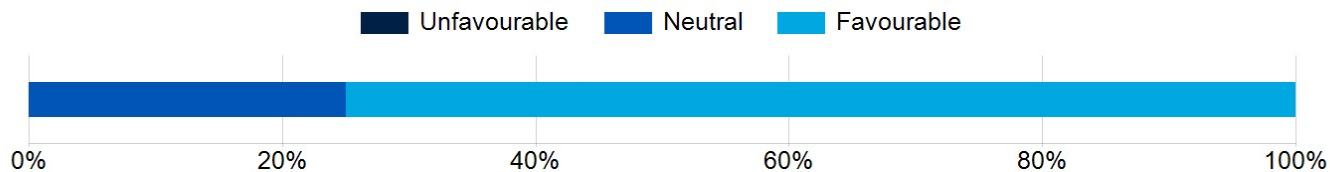
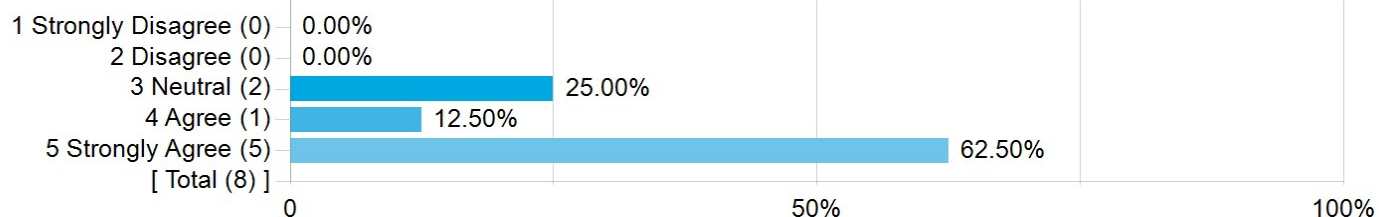
1. The TA communicates clearly and effectively.



Invited Count	Response Count	Response Rate	Favourable	Mean	Standard Deviation	Interpolated Median	Dispersion Index - Ordinal
24	8	33.33%	87.50%	4.38	1.06	4.70	0.45

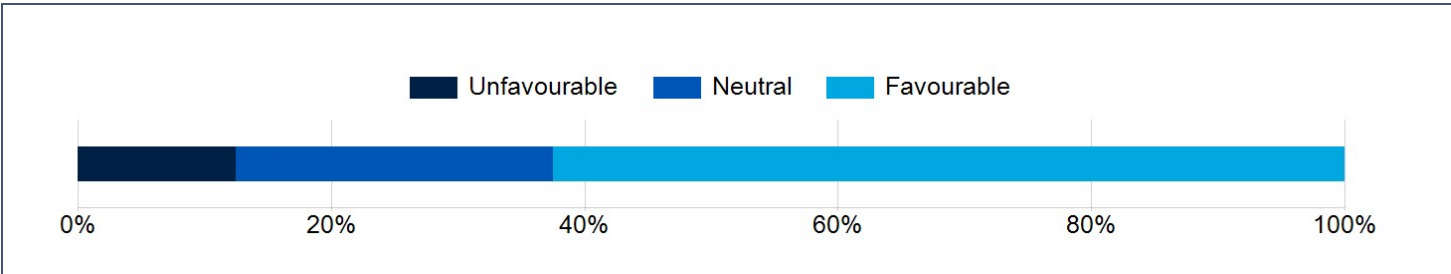
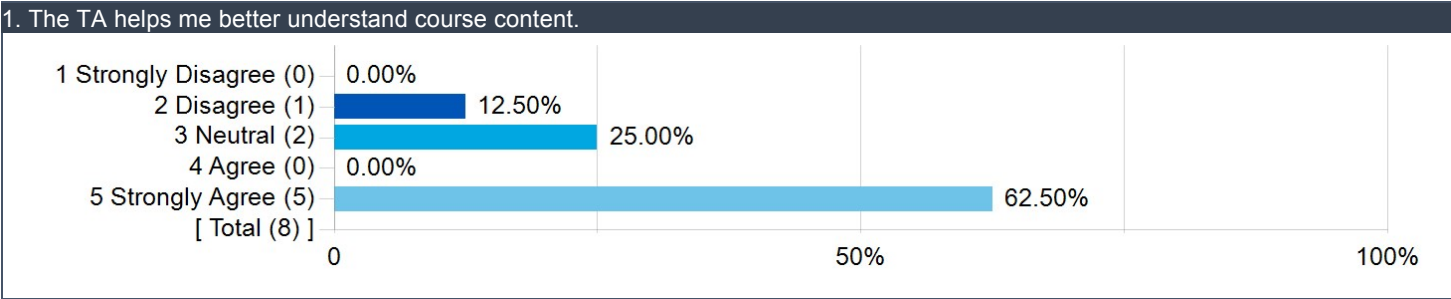
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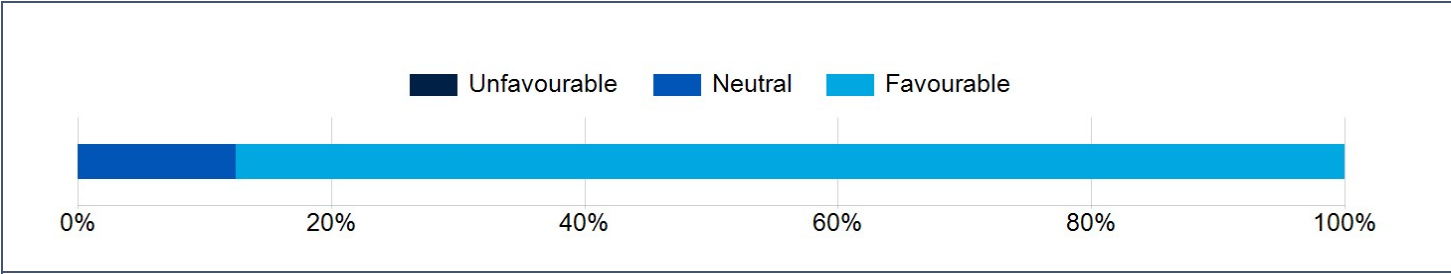
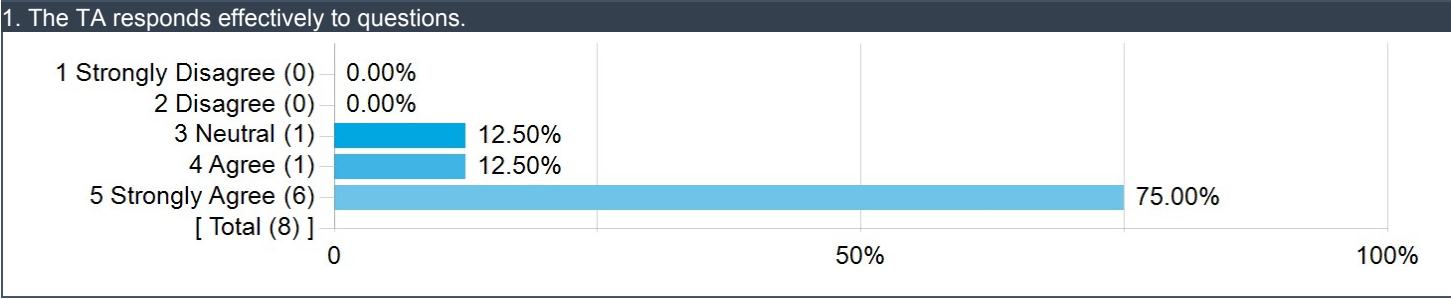
Invited Count	Response Count	Response Rate	Favourable	Mean	Standard Deviation	Interpolated Median	Dispersion Index - Ordinal
24	8	33.33%	75.00%	4.38	0.92	4.70	0.42

The TA helps me better understand course content.



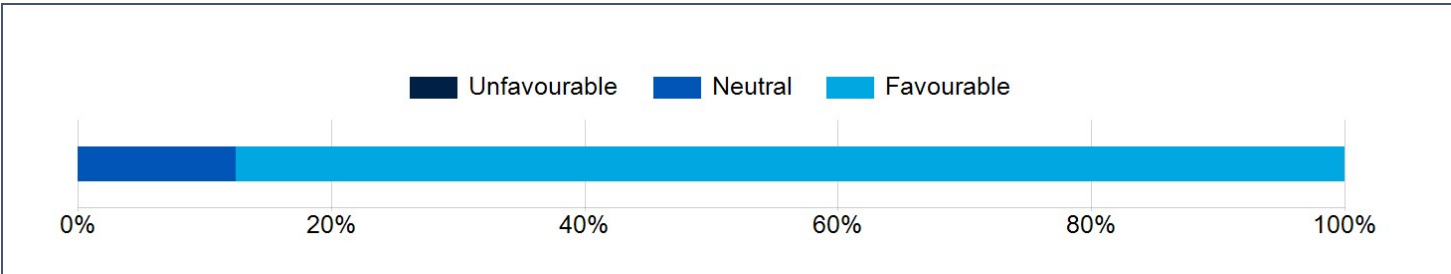
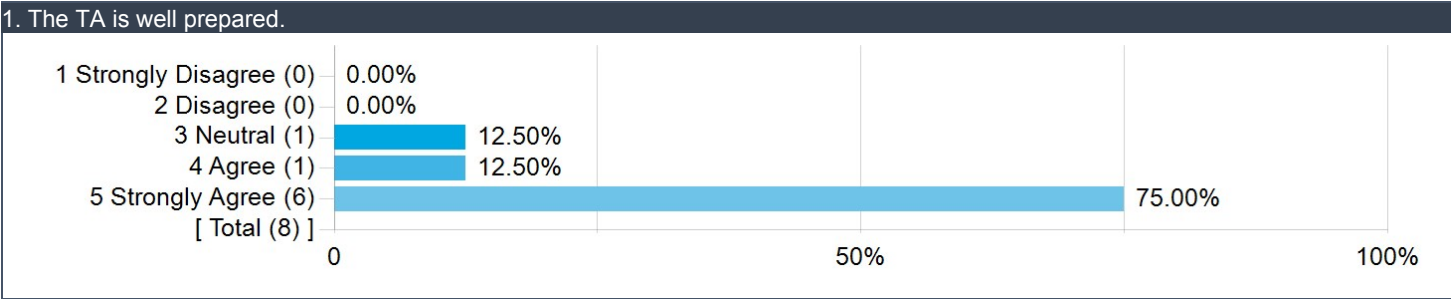
Invited Count	Response Count	Response Rate	Favourable	Mean	Standard Deviation	Interpolated Median	Dispersion Index - Ordinal
24	8	33.33%	62.50%	4.13	1.25	4.70	0.58

The TA responds effectively to questions.



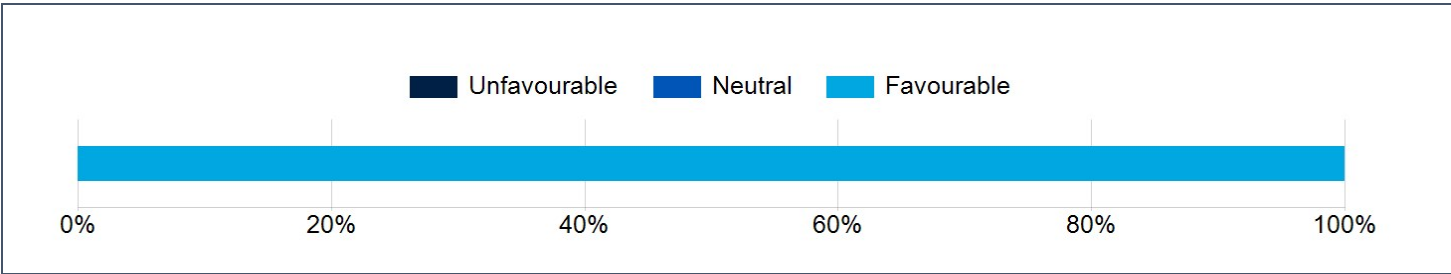
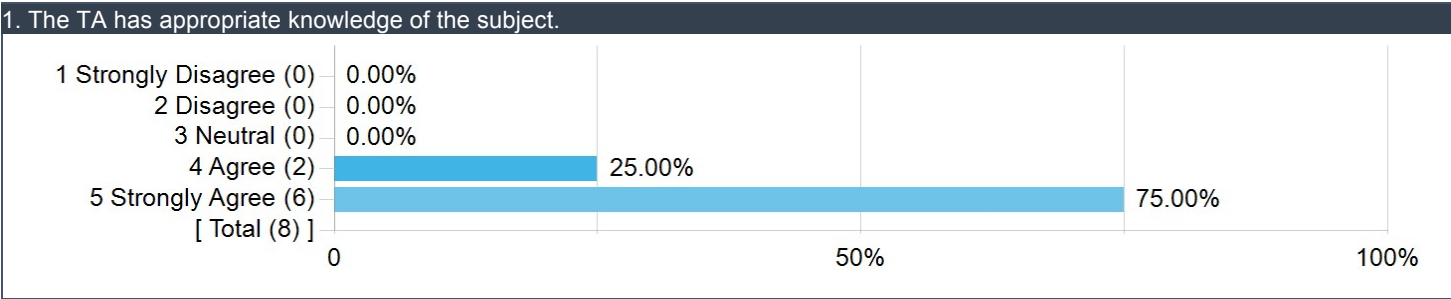
Invited Count	Response Count	Response Rate	Favourable	Mean	Standard Deviation	Interpolated Median	Dispersion Index - Ordinal
24	8	33.33%	87.50%	4.63	0.74	4.83	0.30

The TA is well prepared.



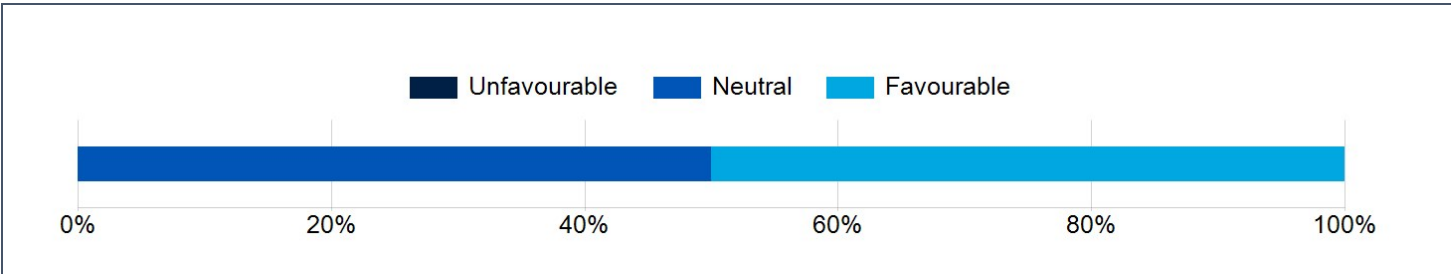
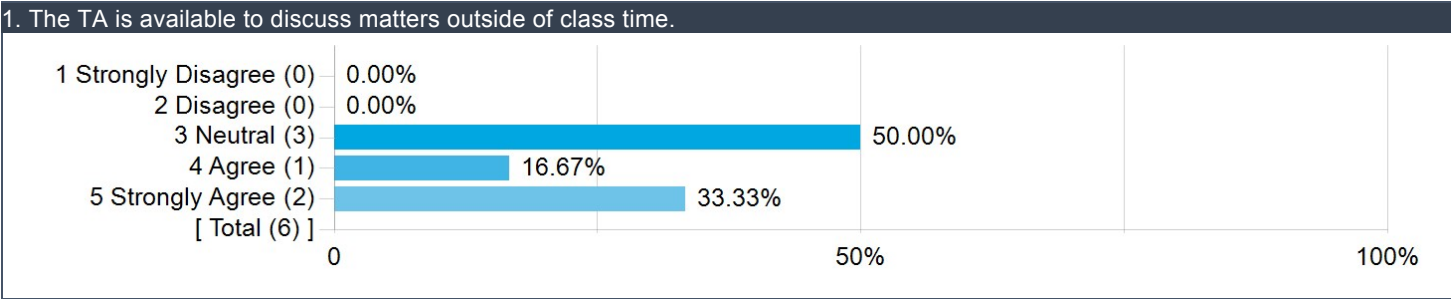
Invited Count	Response Count	Response Rate	Favourable	Mean	Standard Deviation	Interpolated Median	Dispersion Index - Ordinal
24	8	33.33%	87.50%	4.63	0.74	4.83	0.30

The TA has appropriate knowledge of the subject.



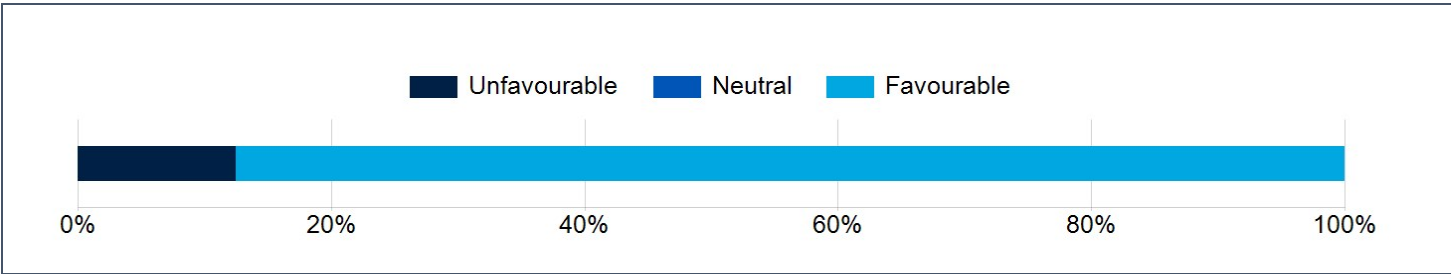
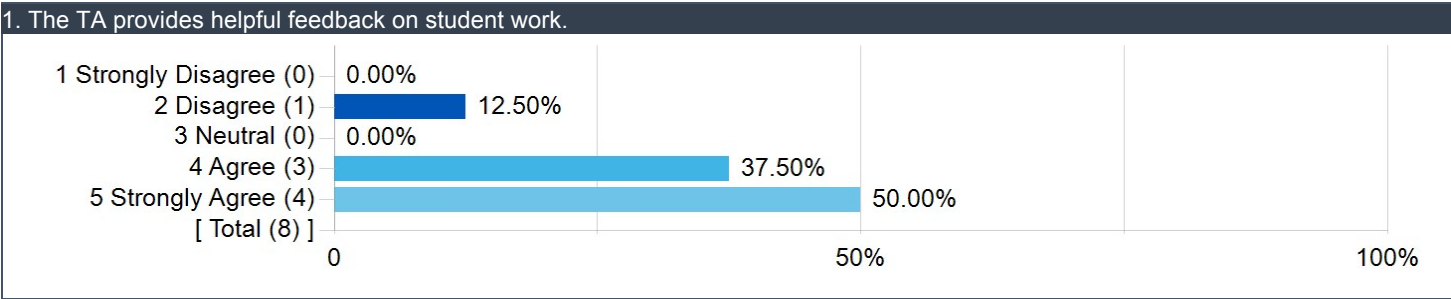
Invited Count	Response Count	Response Rate	Favourable	Mean	Standard Deviation	Interpolated Median	Dispersion Index - Ordinal
24	8	33.33%	100.00%	4.75	0.46	4.83	0.19

The TA is available to discuss matters outside of class time.



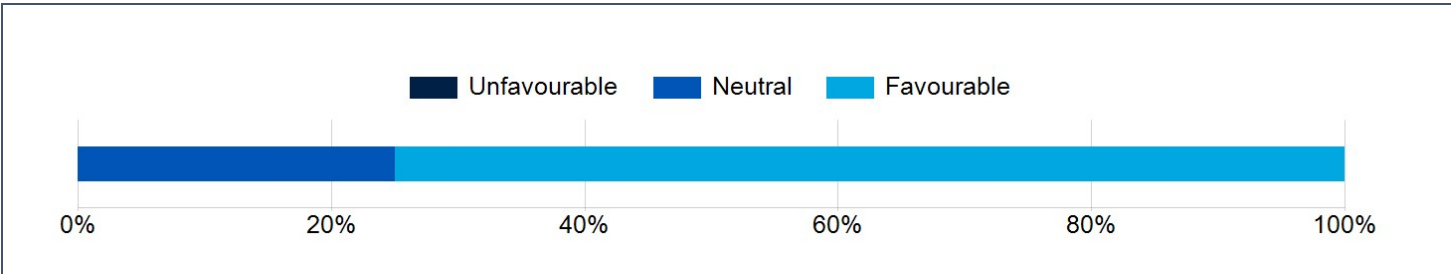
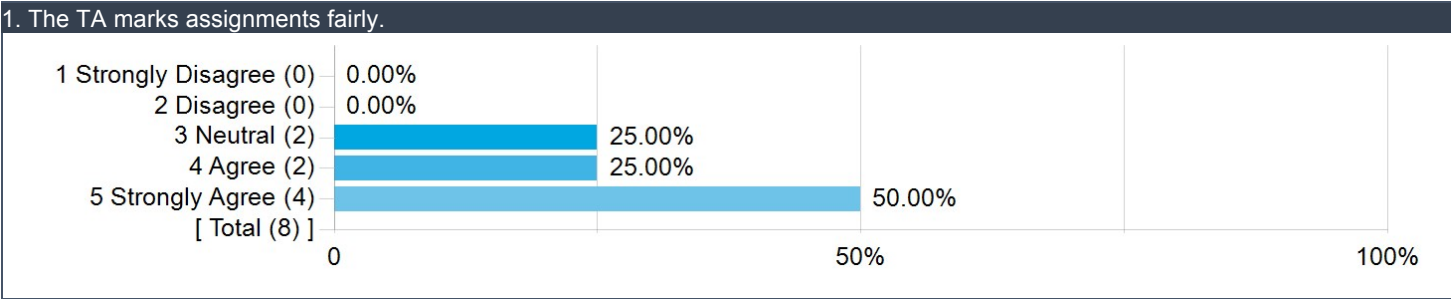
Invited Count	Response Count	Response Rate	Favourable	Mean	Standard Deviation	Interpolated Median	Dispersion Index - Ordinal
24	6	25.00%	50.00%	3.83	0.98	3.50	0.47

The TA provides helpful feedback on student work.



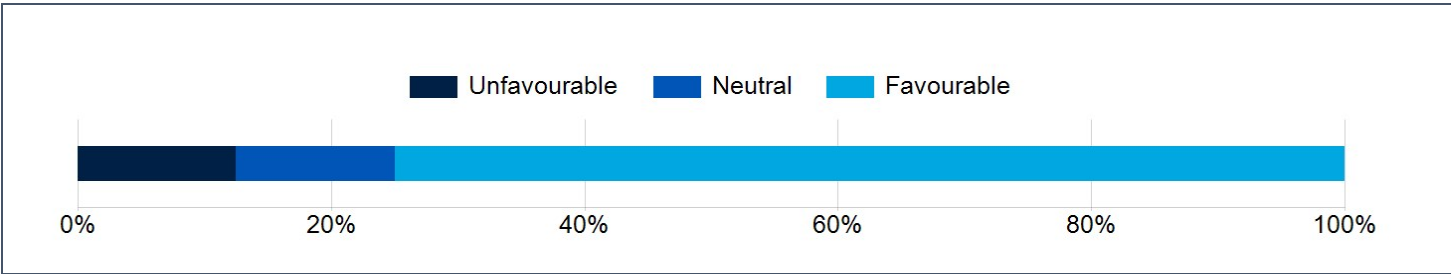
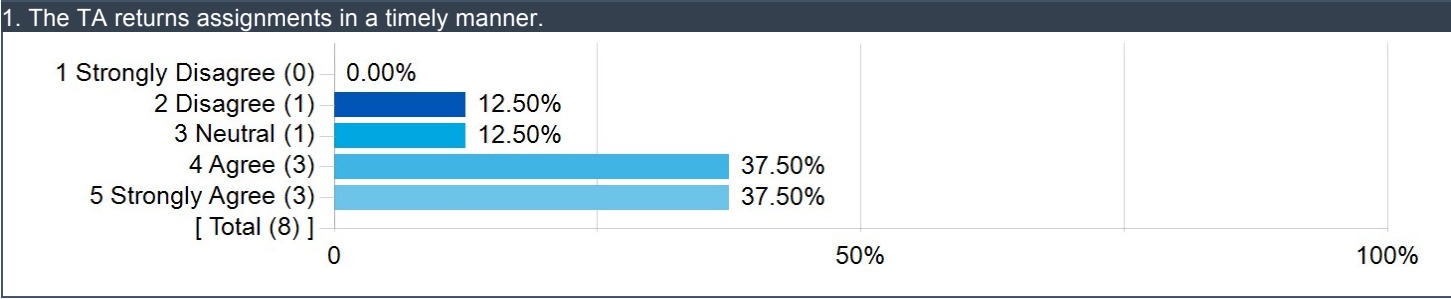
Invited Count	Response Count	Response Rate	Favourable	Mean	Standard Deviation	Interpolated Median	Dispersion Index - Ordinal
24	8	33.33%	87.50%	4.25	1.04	4.50	0.47

The TA marks assignments fairly.



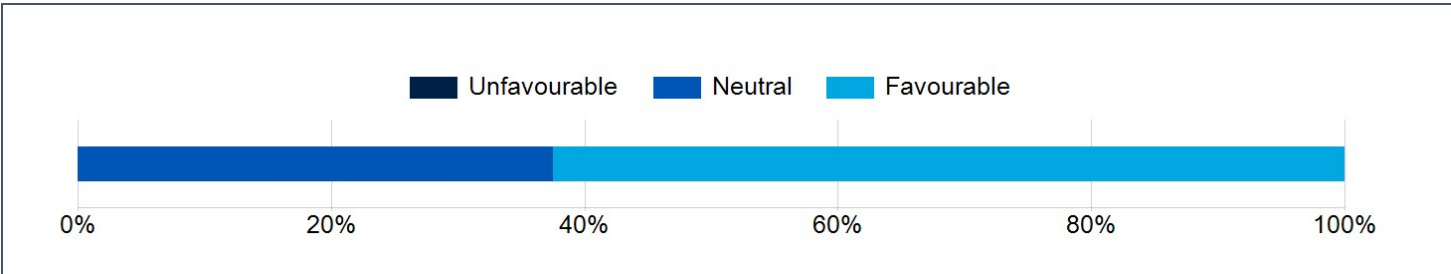
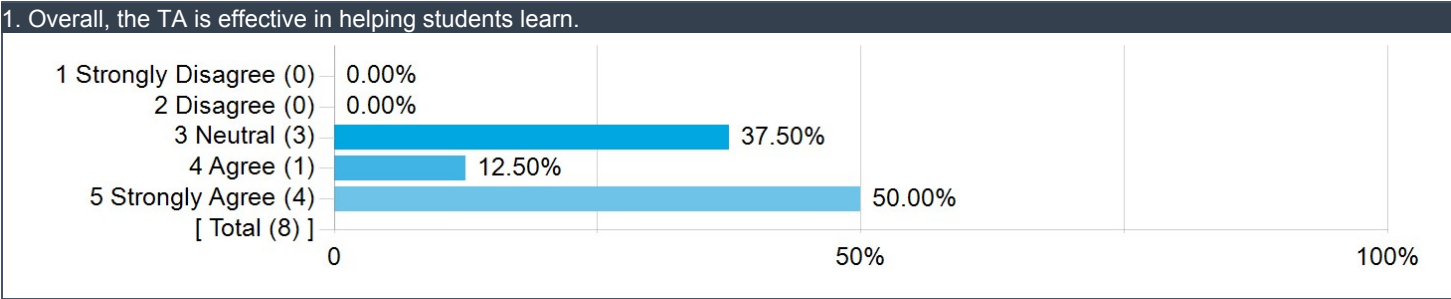
Invited Count	Response Count	Response Rate	Favourable	Mean	Standard Deviation	Interpolated Median	Dispersion Index - Ordinal
24	8	33.33%	75.00%	4.25	0.89	4.50	0.44

The TA returns assignments in a timely manner.



Invited Count	Response Count	Response Rate	Favourable	Mean	Standard Deviation	Interpolated Median	Dispersion Index - Ordinal
24	8	33.33%	75.00%	4.00	1.07	4.17	0.53

Overall, the TA is effective in helping students learn.



Invited Count	Response Count	Response Rate	Favourable	Mean	Standard Deviation	Interpolated Median	Dispersion Index - Ordinal
24	8	33.33%	62.50%	4.13	0.99	4.50	0.48

Open Ended Feedback

What has the Teaching Assistant done well?

Comments
He's good in relaying instructions to the class.
everything
Good feedback on assignments

How could the Teaching Assistant improve?

Comments
Nothing.
Nothing