Carnegie Mellon University

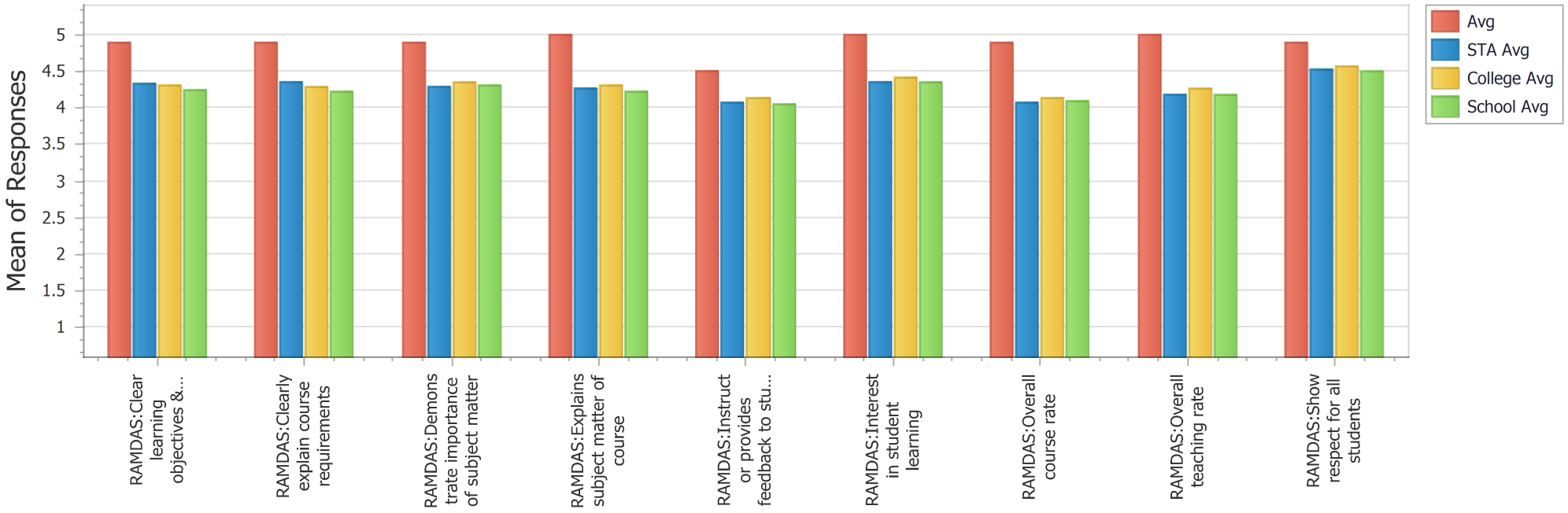
Carnegie Mellon University

Fall 2018, STA 36771 MARTINGALES 1 Section A1
Instructor: RAMDAS, AADITYA (Primary)

There were: 12 possible respondents.

	Question Text	N	RR	My Avg	SD	STA Avg	College Avg	Univ Avg	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25+
1	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?	7	58%	7.57	2.7	8.54	7.78	9.87	0% (0)	43% (3)	29% (2)	29% (2)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
									Excellent	Above Avg	Avg	Below Avg	Poor				
2	Does the faculty member display an interest in students' learning?	8	67%	5	0	4.35	4.41	4.34	100% (8)	0% (0)	0% (0)	0% (0)	0% (0)				
3	Does the faculty member provide a clear explanation of the course requirements?	8	67%	4.88	0.35	4.34	4.28	4.22	88% (7)	13% (1)	0% (0)	0% (0)	0% (0)				
4	Does the faculty member provide a clear explanation of the learning objectives or goals of the course?	8	67%	4.88	0.35	4.33	4.30	4.24	88% (7)	13% (1)	0% (0)	0% (0)	0% (0)				
5	Does the faculty member provide feedback that helped students improve their performance?	8	67%	4.5	0.76	4.07	4.13	4.04	63% (5)	25% (2)	13% (1)	0% (0)	0% (0)				
6	Does the faculty member demonstrate the importance and significance of the subject matter ?	8	67%	4.88	0.35	4.29	4.35	4.31	88% (7)	13% (1)	0% (0)	0% (0)	0% (0)				
7	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.)?	8	67%	5	0	4.26	4.30	4.22	100% (8)	0% (0)	0% (0)	0% (0)	0% (0)				
8	Does the faculty member show respect for all students?	8	67%	4.88	0.35	4.52	4.56	4.50	88% (7)	13% (1)	0% (0)	0% (0)	0% (0)				
9	Overall how would you rate this faculty's teaching?	8	67%	5	0	4.18	4.26	4.17	100% (8)	0% (0)	0% (0)	0% (0)	0% (0)				
10	How would you rate the overall quality of the course?	8	67%	4.88	0.35	4.07	4.14	4.08	88% (7)	13% (1)	0% (0)	0% (0)	0% (0)				

Question Averages



Text Responses
Comments
Awesome course, learnt a lot of new concentration techniques.

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Carnegie Mellon University

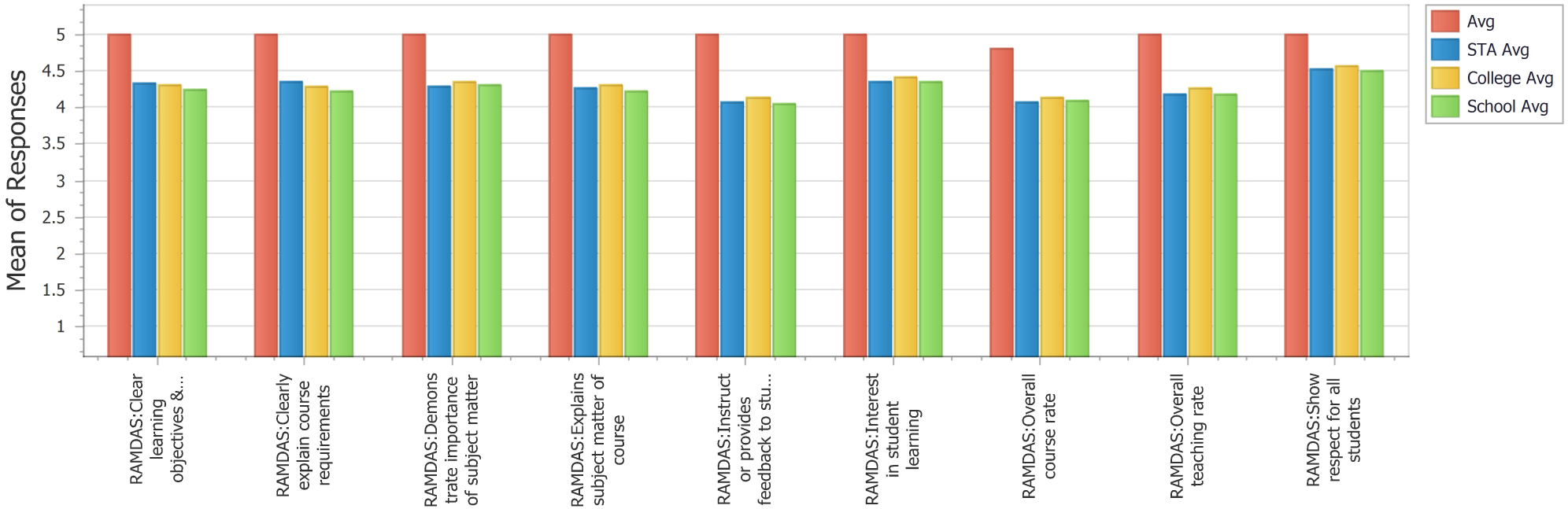
Carnegie Mellon University

Fall 2018, STA 36772 MARTINGALES 2 Section A2
Instructor: RAMDAS, AADITYA (Primary)

There were: 10 possible respondents.

	Question Text	N	RR	My Avg	SD	STA Avg	College Avg	Univ Avg	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25+
1	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?	5	50%	7.4	3.91	8.54	7.78	9.87	20% (1)	20% (1)	20% (1)	40% (2)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
									Excellent	Above Avg	Avg	Below Avg	Poor				
2	Does the faculty member display an interest in students' learning?	5	50%	5	0	4.35	4.41	4.34	100% (5)	0% (0)	0% (0)	0% (0)	0% (0)				
3	Does the faculty member provide a clear explanation of the course requirements?	5	50%	5	0	4.34	4.28	4.22	100% (5)	0% (0)	0% (0)	0% (0)	0% (0)				
4	Does the faculty member provide a clear explanation of the learning objectives or goals of the course?	4	40%	5	0	4.33	4.30	4.24	100% (4)	0% (0)	0% (0)	0% (0)	0% (0)				
5	Does the faculty member provide feedback that helped students improve their performance?	4	40%	5	0	4.07	4.13	4.04	100% (4)	0% (0)	0% (0)	0% (0)	0% (0)				
6	Does the faculty member demonstrate the importance and significance of the subject matter ?	4	40%	5	0	4.29	4.35	4.31	100% (4)	0% (0)	0% (0)	0% (0)	0% (0)				
7	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.)?	5	50%	5	0	4.26	4.30	4.22	100% (5)	0% (0)	0% (0)	0% (0)	0% (0)				
8	Does the faculty member show respect for all students?	5	50%	5	0	4.52	4.56	4.50	100% (5)	0% (0)	0% (0)	0% (0)	0% (0)				
9	Overall how would you rate this faculty's teaching?	5	50%	5	0	4.18	4.26	4.17	100% (5)	0% (0)	0% (0)	0% (0)	0% (0)				
10	How would you rate the overall quality of the course?	5	50%	4.8	0.45	4.07	4.14	4.08	80% (4)	20% (1)	0% (0)	0% (0)	0% (0)				

Question Averages



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Carnegie Mellon University

Fall 2019, STA 36743 METH REPRO REPL STAT Section A1
Instructor: RAMDAS, AADITYA (Primary)

Carnegie Mellon University

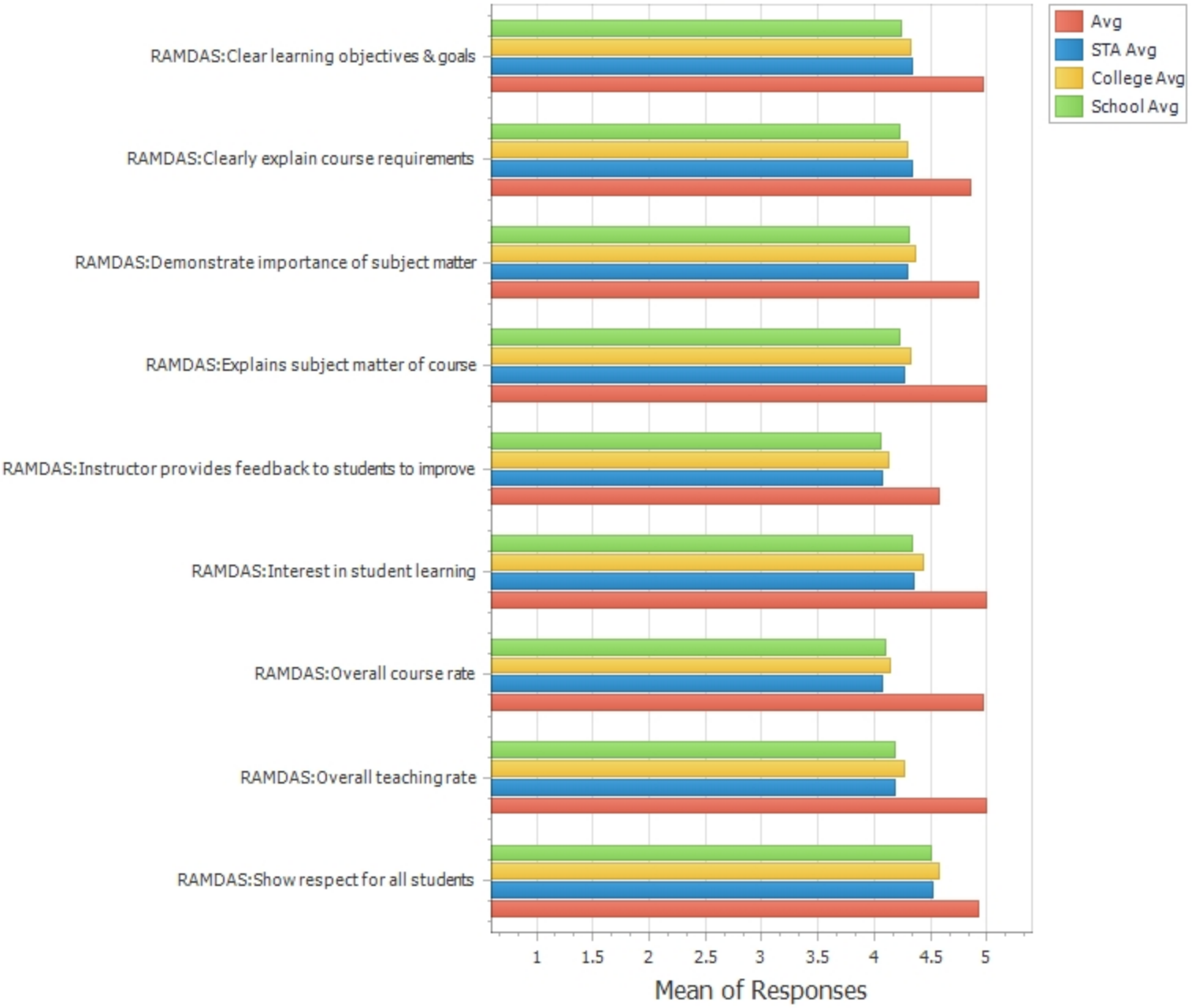
There were: 32 possible respondents.

	Question Text	N	RR	Avg	SD	STA Fall19	College Fall19	Univ Fall19
1	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work? (RAMDAS)	26	81%	5.62	4.83	5.59	7.20	8.09
2	Does the faculty member display an interest in students' learning? (RAMDAS)	27	84%	5	0	4.95	4.71	4.48
3	Does the faculty member provide a clear explanation of the course requirements? (RAMDAS)	27	84%	4.85	0.46	4.87	4.46	4.35
4	Does the faculty member provide a clear explanation of the learning objectives or goals of the course? (RAMDAS)	26	81%	4.96	0.2	4.92	4.54	4.40
5	Does the faculty member provide feedback that helped students improve their performance? (RAMDAS)	26	81%	4.58	0.7	4.65	4.51	4.21
6	Does the faculty member demonstrate the importance and significance of the subject matter? (RAMDAS)	26	81%	4.92	0.27	4.86	4.54	4.47
7	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.)? (RAMDAS)	26	81%	5	0	4.89	4.56	4.37
8	Does the faculty member show respect for all students? (RAMDAS)	26	81%	4.92	0.27	4.92	4.85	4.69
9	Overall how would you rate this faculty's teaching? (RAMDAS)	26	81%	5	0	4.86	4.55	4.33
10	How would you rate the overall quality of the course? (RAMDAS)	26	81%	4.96	0.2	4.89	4.36	4.22

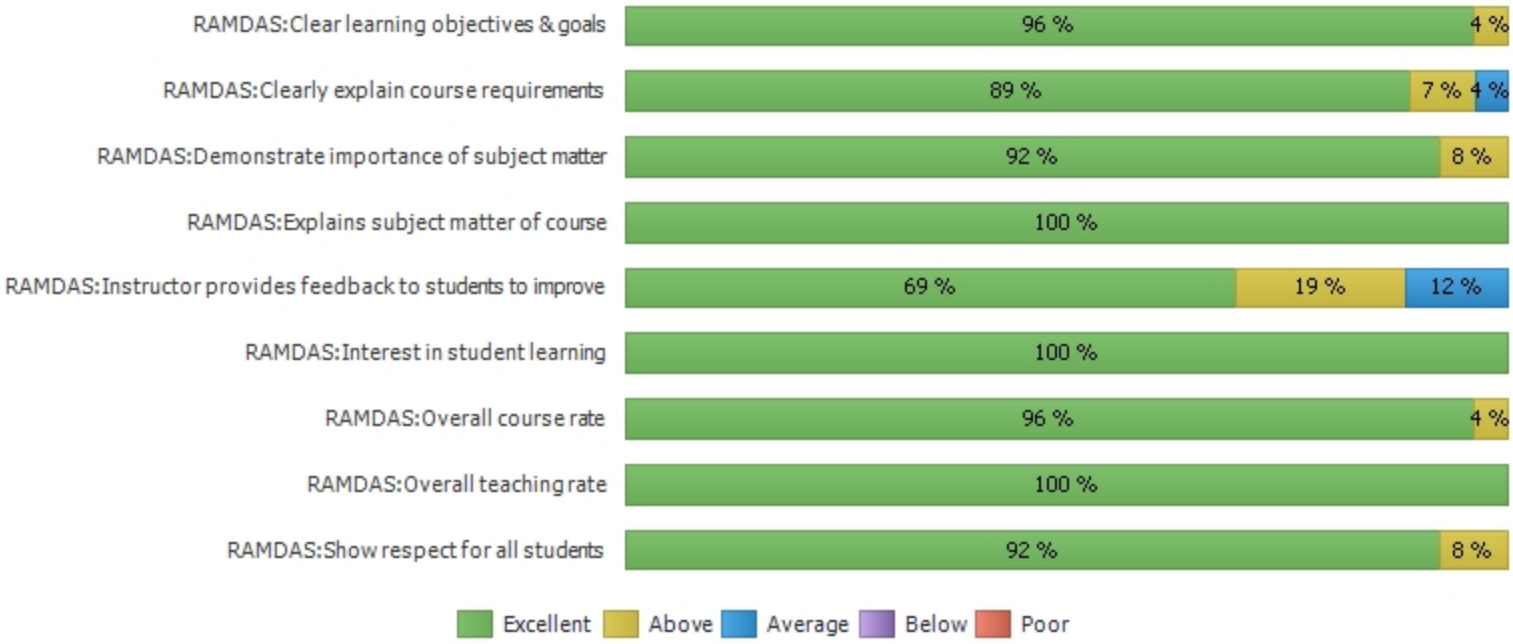
Instructor	Text Responses Question: Comments
RAMDAS	Easily one of the best lecturers I've had.
RAMDAS	It's aways a pleasure to take/audit Aaditya's classes! I love the way lectures are structured and the entire class atmosphere.
RAMDAS	Very knowledgeable and engaging professor.
RAMDAS	Thanks for great lectures!
RAMDAS	Very enlightening and practical course thanks to Aaditya's distillation of nuanced statistical topics into clear and intuitive methods without whitewashing the complicated math behind them. (Im auditing this course so answers involving grades, time spent, etc. are a bit arbitrary)
RAMDAS	Multiple testing isn't my research area. But I attend this course to broaden my views and learn something interesting. Prof. Ramdas is excellant in teaching. He explains the fundamental concepts clearly and easy to follow, which also helps us to understand the more diffcult part better. I definteily learn and benefit a lot from this course. The workload is just right and manageble.
RAMDAS	Great course and Aaditya did a great job of contextualizing somewhat theoretical statistical concepts/procedures to be relevant for a class coming from diverse backgrounds.
RAMDAS	Aaditya cares a lot about the students and really motivates everyone to learn. The lectures were awesome. It felt like a story unfold to me every time.

RAMDAS	Among other things, I really loved: L1. content -- quite relevant to the current stat-ml research in this area and novel offering (at least on the CMU campus as far as I know) L2. structure -- very well organized and broken down into coherent sections leading to nice modularity for better understanding and building knowledge tree L3: style -- very clear and friendly, and incredibly patient and encouraging towards questions and discussions resulting in enjoyable interactive learning environment Potential improvements to the course: I1: references -- since the content is (relatively) new (and there is no single good book to refer to), it might be good to add a reference page to collect reference papers (though the last lecture was good in this regard as a recap and the scribe notes are useful to refer back) Overall, a fantastic experience!
RAMDAS	Your teaching style is remarkably effective, keeping us focused and engaged in the discussion. Two things that I appreciate the most: (1) the deep motivations that you provide for every topic (2) pushing the students to ask questions and become critical of the material.
RAMDAS	Aadi is a superb lecturer with a deep understanding of the subject matter. He is engaging, open to suggestions, and always takes on any questions students may have and tries to provide a useful answer. In terms of improvements, I would like to see a few more simulations of the concepts in class to cement the ideas practically (not just for HW) e.g. running an interactive coding demo. It would be fun to prove more results, but appreciate that the class is not only taken by folks interested in theory. Overall, it is a pleasure to learn from Aadi and I hope to learn a lot more from him at CMU.
RAMDAS	Very important and thought-provoking class. Instructor is excellent — he manages to nicely combine theory and high level ideas .
RAMDAS	Amazing course! I hope that it's offered again so that my colleagues can take it too.
RAMDAS	Aaditya is clearly an excellent lecturer. Rarely have I seen an instructor captivate and engage the whole classroom to the extent that he does. I have appreciated the course content, and the project-based grading scheme.
RAMDAS	Aadi is great. Very clear instructor, and teaches well for different levels.

Question Averages



Distribution of Scores



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Carnegie Mellon University

Fall 2019, STA 36744 METH REPRO REPL DYN Section A2
Instructor: RAMDAS, AADITYA (Primary)

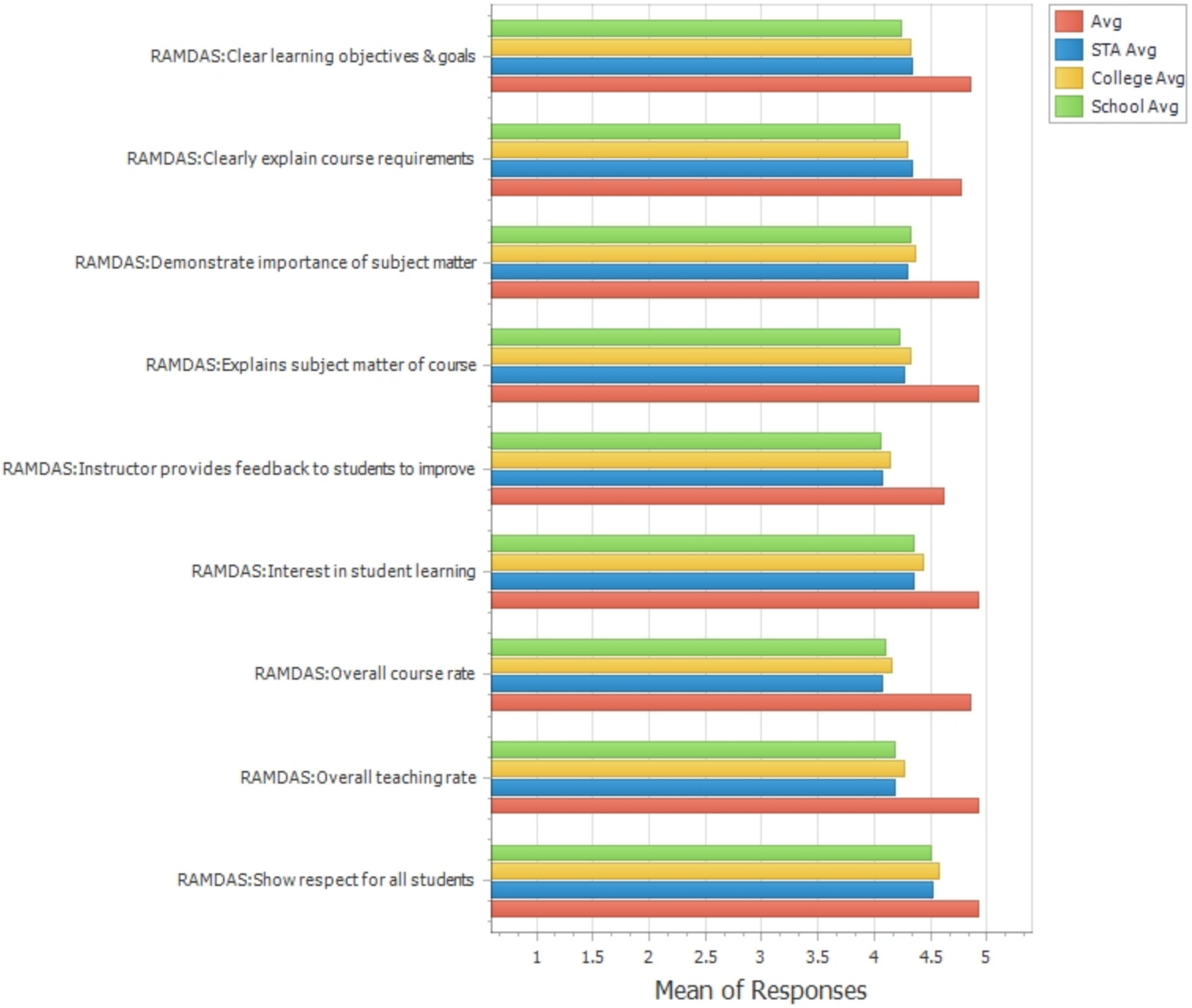
Carnegie Mellon University

There were: 25 possible respondents.

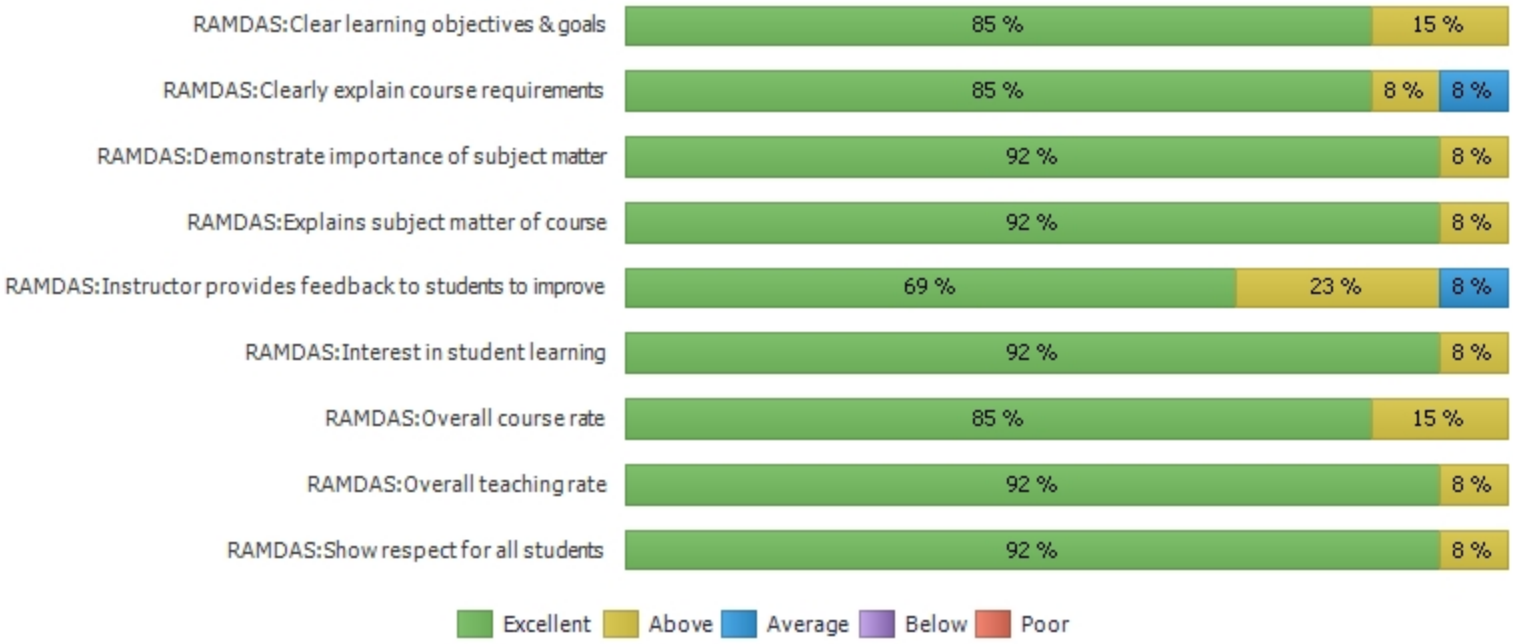
	Question Text	N	RR	Avg	SD	STA Fall19	College Fall19	Univ Fall19
1	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work? (RAMDAS)	13	52%	7.15	6.43	7.71	7.44	9.56
2	Does the faculty member display an interest in students' learning? (RAMDAS)	13	52%	4.92	0.28	4.32	4.58	4.41
3	Does the faculty member provide a clear explanation of the course requirements? (RAMDAS)	13	52%	4.77	0.6	4.32	4.42	4.28
4	Does the faculty member provide a clear explanation of the learning objectives or goals of the course? (RAMDAS)	13	52%	4.85	0.38	4.35	4.45	4.32
5	Does the faculty member provide feedback that helped students improve their performance? (RAMDAS)	13	52%	4.62	0.65	4.09	4.31	4.12
6	Does the faculty member demonstrate the importance and significance of the subject matter? (RAMDAS)	13	52%	4.92	0.28	4.30	4.51	4.39
7	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.)? (RAMDAS)	13	52%	4.92	0.28	4.25	4.45	4.28
8	Does the faculty member show respect for all students? (RAMDAS)	13	52%	4.92	0.28	4.58	4.71	4.60
9	Overall how would you rate this faculty's teaching? (RAMDAS)	13	52%	4.92	0.28	4.19	4.43	4.25
10	How would you rate the overall quality of the course? (RAMDAS)	13	52%	4.85	0.38	4.13	4.32	4.16

Instructor	Text Responses Question: Comments
RAMDAS	I loved the course, loved the instructor!
RAMDAS	One of the better courses I've taken at CMU, mainly because of Aaditya and his enthusiasm. Also really appreciated the bits of historical context thrown in.
RAMDAS	Aadi is a suberb lecturer and asset to the CMU StatDS faculty. I aspire to be like him in is deep research knowledge and statistical communication skills. In terms of improvement for the course, I would say that I was hoping to learn more about the machine learning approach to sequential analysis i.e. generalization error, differential privacy etc. Perhaps this could be emphasized more in the future round of this course.
RAMDAS	Overall, I think this was a great course, and would recommend it to other students. One slight reservation is that the second mini was somewhat less structured than the first. It was often a bit unclear how all the concepts related to one another.
RAMDAS	The course is very clearly structured and covers interesting and recent material. Aaditya is a fantastic teacher who makes the material easy to understand and creat es a lively and engaging classroom environment.

Question Averages



Distribution of Scores



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Carnegie Mellon University

Spring 2020, STA 36708 STAT METH ML Section A

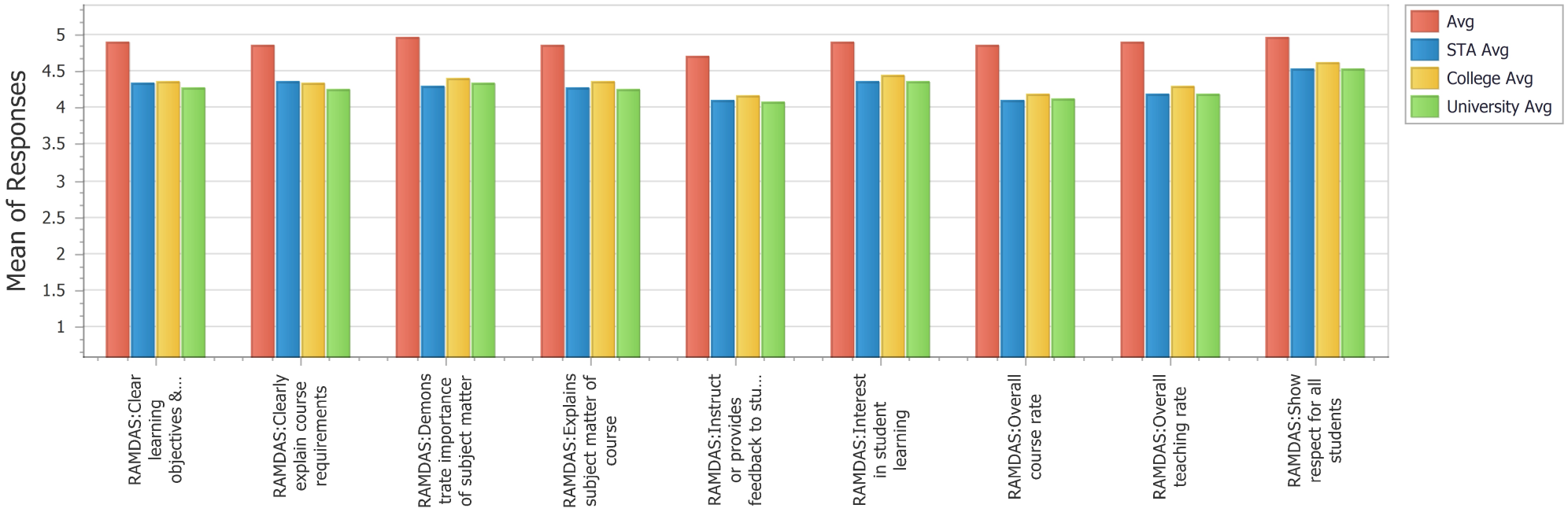
Instructor: RAMDAS, AADITYA (Primary)

Carnegie Mellon University

There were: 22 possible respondents.

	Question Text	N	RR	Avg	SD	STA Avg	College Avg	Univ Avg	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25+
1	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?	19	86%	8.16	3.67	8.44	7.77	9.87	5% (1)	32% (6)	32% (6)	21% (4)	5% (1)	5% (1)	0% (0)	0% (0)	0% (0)
									Excellent	Above	Average	Below	Poor				
2	Does the faculty member display an interest in students' learning?	19	86%	4.89	0.32	4.35	4.44	4.35	89% (17)	11% (2)	0% (0)	0% (0)	0% (0)				
3	Does the faculty member provide a clear explanation of the course requirements?	19	86%	4.84	0.5	4.34	4.32	4.23	89% (17)	5% (1)	5% (1)	0% (0)	0% (0)				
4	Does the faculty member provide a clear explanation of the learning objectives or goals of the course?	19	86%	4.89	0.32	4.33	4.34	4.26	89% (17)	11% (2)	0% (0)	0% (0)	0% (0)				
5	Does the faculty member provide feedback that helped students improve their performance?	19	86%	4.68	0.67	4.08	4.15	4.06	79% (15)	11% (2)	11% (2)	0% (0)	0% (0)				
6	Does the faculty member demonstrate the importance and significance of the subject matter?	19	86%	4.95	0.23	4.29	4.39	4.32	95% (18)	5% (1)	0% (0)	0% (0)	0% (0)				
7	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.)?	19	86%	4.84	0.37	4.26	4.34	4.23	84% (16)	16% (3)	0% (0)	0% (0)	0% (0)				
8	Does the faculty member show respect for all students?	19	86%	4.95	0.23	4.52	4.60	4.51	95% (18)	5% (1)	0% (0)	0% (0)	0% (0)				
9	Overall how would you rate this faculty's teaching?	19	86%	4.89	0.32	4.18	4.27	4.18	89% (17)	11% (2)	0% (0)	0% (0)	0% (0)				
10	How would you rate the overall quality of the course?	19	86%	4.84	0.37	4.09	4.17	4.10	84% (16)	16% (3)	0% (0)	0% (0)	0% (0)				

Question Averages



Text Responses
Comments
Professor Ramdas clearly demonstrates how much he cares about his students' learning and development as PhD students/future experts and researchers. This course was unique in comparison to the ones I've taken at CMU for several reasons: (1) the lectures flew by (it was easy to stay engaged and the lectures were packed with core material); (2) The material was advanced but also well-explained in ways that connect to other topics in Stat/ML; (3) The course combined both 'older' and 'more modern' methods in a way that felt the subject matter would stay relevant (not all 'old' stuff that no one uses or 'too modern' stuff that's likely to be transient); (4) I genuinely felt like we as students had some control over how the course would develop -- if things hadn't been working or didn't feel relevant, I believe the course content or style would have been changed to adjust accordingly. I highly recommend keeping the course taught this way, with the ABCDE aspect, but more 'explainability' (E) and 'bias-variance' (B) discussion for model selection as well as discussion of the computational constraints for each method (C).
Every lecture was filled with great demonstrations of how one can think critically and statistically about machine learning. Furthermore, the balance of time spent in relevant areas was well conceived.
The whole class was terrific, thanks to the engaging and interactive environment that was created from the first day of class. The in class review of quizzes directly after taking quizzes was extremely beneficial to the learning process. It helped reinforce concepts, correct misconceptions, and made the quizzes feel like a true learning experience rather than simply an evaluation.

This course really changed my approach to thinking about problems in machine learning. I especially loved the focus on the backstory behind every new concept discussed since knowing when a concept was first introduced and the various changes it has undergone since then was extremely enriching. The breadth and depth of Aaditya's knowledge of the field enabled him to answer nearly every single question that was raised and I am truly sad that the semester has ended because that means we won't be having these classes anymore.
Great Course! Courses in ML department should be more like this.
Very positive experience with this course! The material covered was extensive, connected to the state-of-the-art in the field and clearly explained by the instructor. The homeworks were very interesting, especially in the application parts. The following is only my personal opinion, the only thing I would have preferred is to have a final project, maybe in groups of two students, instead of the in-class quizzes. Thank you very much! I only audited, but really enjoyed this class; thought it was taught at the appropriate level, we covered a lot of interesting highlights of the literature that I'd seen before, but also several areas I hadn't previously been aware of. A lot of classes move very quickly (too quickly) and I also enjoyed the pace of this class
Aaditya is a great and very passionate teacher. I want to take any course that he is offering. He explains things intuitively and encourages interesting discussions.
Enjoy the course very much!
Excellent class. Very interactive in-person and still reasonably interactive remotely. Mobile device ban worked well. Sometimes went into too many details, e.g. vector space background for RKHS despite not needing that much of it for the results, but overall well-structured.
Professor Ramdas was always well-prepared. One unique feature of his teaching style is preference for interactive style of teaching (which worked greatly for this class due to smaller number of students being enrolled). He’s always ready to participate in a discussion with students and willing to provide any type of clarification when needed.
Absolutely great course. Would be better if the discussions are more focused.

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Carnegie Mellon University

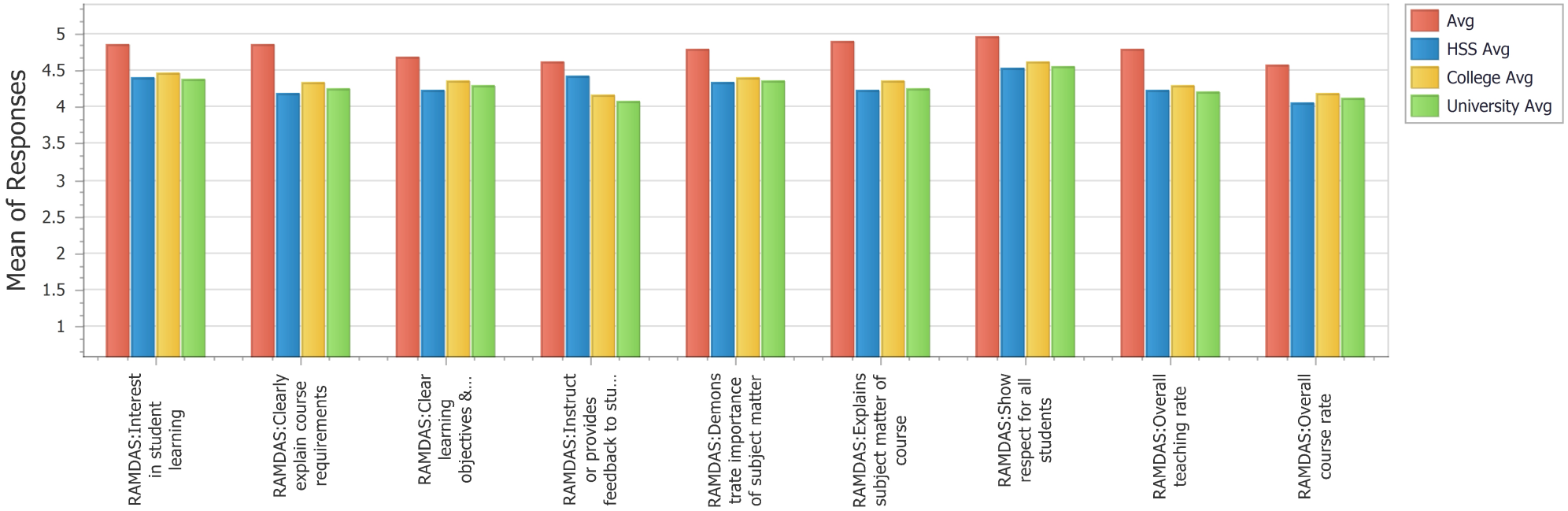
Fall 2020, HSS 66126 DC FIRST-YR SEMINAR Section A
Instructor: RAMDAS, AADITYA (Additional), Co-taught with: TEDDY SEIDENFELD, LISA TETRAULTSEIDENFELD, TEDDY

Carnegie Mellon University

There were: 36 possible respondents.

	Question Text	N	RR	Avg	SD	HSS Avg	College Avg	Univ Avg	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25+
23	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?	18	50%	4.33	2.43	5.52	7.62	9.48	44% (8)	33% (6)	22% (4)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
									Excellent	Above	Average	Below	Poor				
24	Does the faculty member display an interest in students' learning?	18	50%	4.83	0.38	4.38	4.46	4.37	83% (15)	17% (3)	0% (0)	0% (0)	0% (0)				
25	Does the faculty member provide a clear explanation of the course requirements?	18	50%	4.83	0.38	4.17	4.32	4.24	83% (15)	17% (3)	0% (0)	0% (0)	0% (0)				
26	Does the faculty member provide a clear explanation of the learning objectives or goals of the course?	18	50%	4.67	0.49	4.21	4.34	4.27	67% (12)	33% (6)	0% (0)	0% (0)	0% (0)				
27	Does the faculty member provide feedback that helped students improve their performance?	18	50%	4.61	0.7	4.40	4.16	4.07	72% (13)	17% (3)	11% (2)	0% (0)	0% (0)				
28	Does the faculty member demonstrate the importance and significance of the subject matter?	18	50%	4.78	0.43	4.33	4.39	4.34	78% (14)	22% (4)	0% (0)	0% (0)	0% (0)				
29	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.)?	18	50%	4.89	0.32	4.22	4.34	4.24	89% (16)	11% (2)	0% (0)	0% (0)	0% (0)				
30	Does the faculty member show respect for all students?	18	50%	4.94	0.24	4.51	4.60	4.53	94% (17)	6% (1)	0% (0)	0% (0)	0% (0)				
31	Overall how would you rate this faculty's teaching?	18	50%	4.78	0.43	4.21	4.29	4.19	78% (14)	22% (4)	0% (0)	0% (0)	0% (0)				
32	How would you rate the overall quality of the course?	18	50%	4.56	0.51	4.05	4.17	4.11	56% (10)	44% (8)	0% (0)	0% (0)	0% (0)				

Question Averages



Text Responses
Comments
All the professors were extremely respectful and understood the challenges we faced during the pandemic. Great faculty
I feel as though Prof. Ramdas truly cares about his students. He really enjoyed hearing about what was going on in our lives and also how we were interacting with politics as freshmen. His lectures were objectively some of the most relevant of them all. He even further would show us how it connected to our class, which was crazy to me sometimes. As a more math minded person, I was fascinated by his analysis of American politics.

Carnegie Mellon University

Fall 2020, PROJECT 95721 INF SYS RRCH PRACTM Section B

Instructor: RAMDAS, AADITYA (Primary)

Carnegie Mellon University

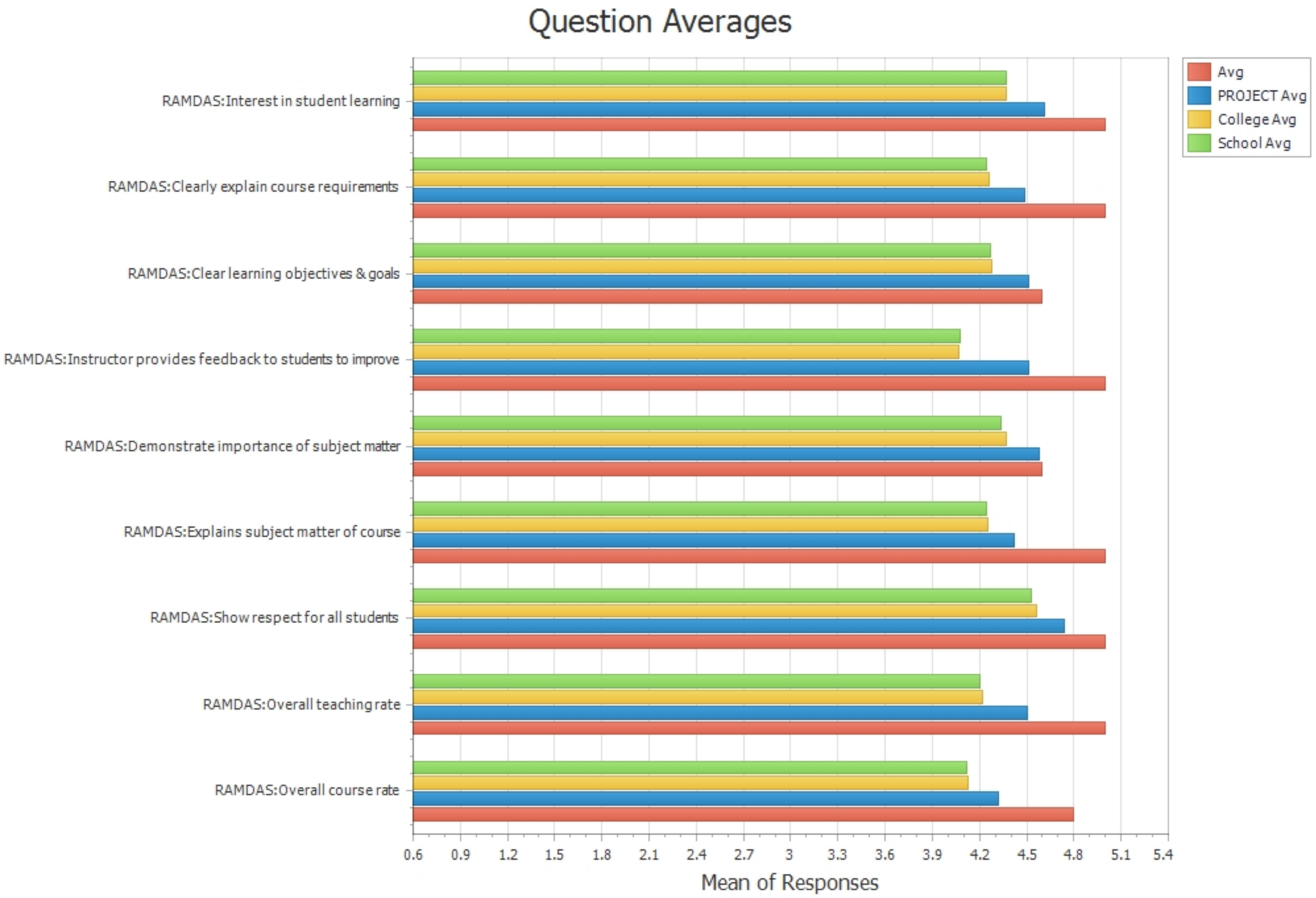
There were: 5 possible respondents.

	Question Text	N	RR	Avg	SD	PROJECT Fall20	College Fall20	Univ Fall20
1	To what extent does the project draw on analytic or management skills you have learned in earlier courses?	5	100%	4.6	0.55	4.31	4.31	4.31
3	To what extent does the project help you develop important skills that were not covered in other courses?	5	100%	4.8	0.45	4.16	4.16	4.16
6	To what extent has the project been demanding in time and attention?	5	100%	4.2	0.84	4.35	4.35	4.35
7	How helpful has the external review committee been in representing the various relevant perspectives in structuring the project?	5	100%	4.4	0.89	4.15	4.15	4.15
8	To what extent have you been satisfied with the facultys management of this project?	5	100%	4.8	0.45	4.51	4.51	4.51
9	To what extent has this group worked together smoothly?	5	100%	4.8	0.45	4.47	4.47	4.47
10	Overall, how effective has this project been as a professional learning experience?	5	100%	4.2	0.84	4.21	4.21	4.21
11	How appropriate was the size of your systems project?	5	100%	3.4	0.55	3.47	3.47	3.47
12	In general, how would you rate this course?	5	100%	4.2	0.84	4.19	4.19	4.19
13	To what extent did the instructor provide a good initial motivation to the project and relevant information?	5	100%	4.8	0.45	4.58	4.58	4.58
14	To what extent has the instructor provided guidance in the structuring of the project design?	5	100%	4.8	0.45	4.48	4.48	4.48
15	To what extent has the instructor been knowledgeable about the needed next steps in the course of the project?	5	100%	5	0	4.57	4.57	4.57
16	To what extent has the instructor been available to meet with the class and to provide advice when it was needed?	5	100%	5	0	4.74	4.74	4.74
17	Overall, how would you rate the instructors effectiveness in leading the project?	5	100%	4.8	0.45	4.58	4.58	4.58

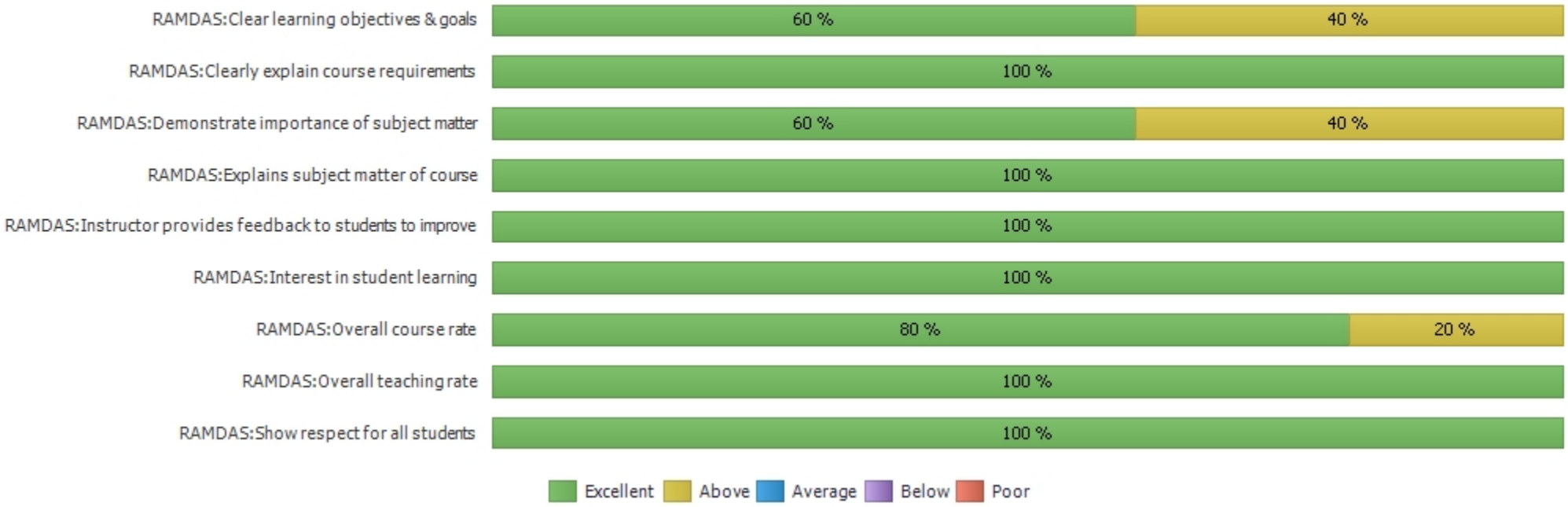
20	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work ?	5	100%	11	0	10.68	9.34	8.68
21	Does the faculty member display an interest in students' learning?	5	100%	5	0	4.71	4.51	4.53
22	Does the faculty member provide a clear explanation of the course requirements?	5	100%	5	0	4.67	4.42	4.43
23	Does the faculty member provide a clear explanation of the learning objectives or goals of the course?	5	100%	4.6	0.55	4.61	4.48	4.47
24	Does the faculty member provide feedback that helped students improve their performance?	5	100%	5	0	4.65	4.25	4.25
25	Does the faculty member demonstrate the importance and significance of the subject matter?	5	100%	4.6	0.55	4.63	4.53	4.53
26	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.)?	5	100%	5	0	4.56	4.42	4.40
27	Does the faculty member show respect for all students?	5	100%	5	0	4.79	4.70	4.72
28	Overall how would you rate this faculty's teaching?	5	100%	5	0	4.65	4.38	4.38
29	How would you rate the overall quality of the course?	5	100%	4.8	0.45	4.48	4.30	4.30

Instructor	Text Responses
	Question: What skills has it utilized?
	Software engineering, oop design
	Software Design Software Engineering Analytics Statistics Probability
	Web developing Problem soving
	This project helped me utilize skills that I learnt from other courses here at CMU, mainly statistics, Data Focussed python and Distributed Systems.
	time management
	Question: What skills are these?
	Version control, front-end, NoSQL database
	Understanding the clients requriements and realize them
	This course helped me develop skills like time management, team management and product management.
	software engineering
	Question: What skills did you expect to use or develop that have not been used or developed?
	Multithread programming

	Agile development
	n/a
	Question: Course Comments:
	Helpful in utilizing skills learned in classes to solve real-world problems.
	The course has been chanllenging given that we are all wfh during the pandemic. But we staill learn valuable skills and experience from it.
	Capstone is a brilliant idea to help students transition from academics to professional life. It helped me learn about managing time between coursework and finding time with the team to tackle the problems that this course posed.
	Question: Instructor Comments:
	Professor Aaditya is patient and knowledegeable. He schedules weekly meetings with us and gives constructive suggestions.
	Professor Ramdas was extremely patient and understanding during the whole process and helped us understand the requirements completely(Sometimes even more than once). He supported us and understood when we were running a little behind and offered to give us more time and access to more resuources to help us complete the project on time.
	Question: Comments
RAMDAS	Professor Ramdas was really helpful in answering all of our questions and providing practical advice. He is fully engaged in the project and has been actively communicating with us for the whole time.


Question Averages
RAMDAS:Interest in student learning
RAMDAS:Clearly explain course requirements
RAMDAS:Clear learning objectives & goals
RAMDAS:Instructor provides feedback to students to improve
RAMDAS:Demonstrate importance of subject matter
RAMDAS:Explains subject matter of course
RAMDAS:Show respect for all students
RAMDAS:Overall teaching rate
RAMDAS:Overall course rate
Avg
PROJECT Avg
College Avg
School Avg
0.6 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3 3.3 3.6 3.9 4.2 4.5 4.8 5.1 5.4
Mean of Responses

Distribution of Scores



Carnegie Mellon University

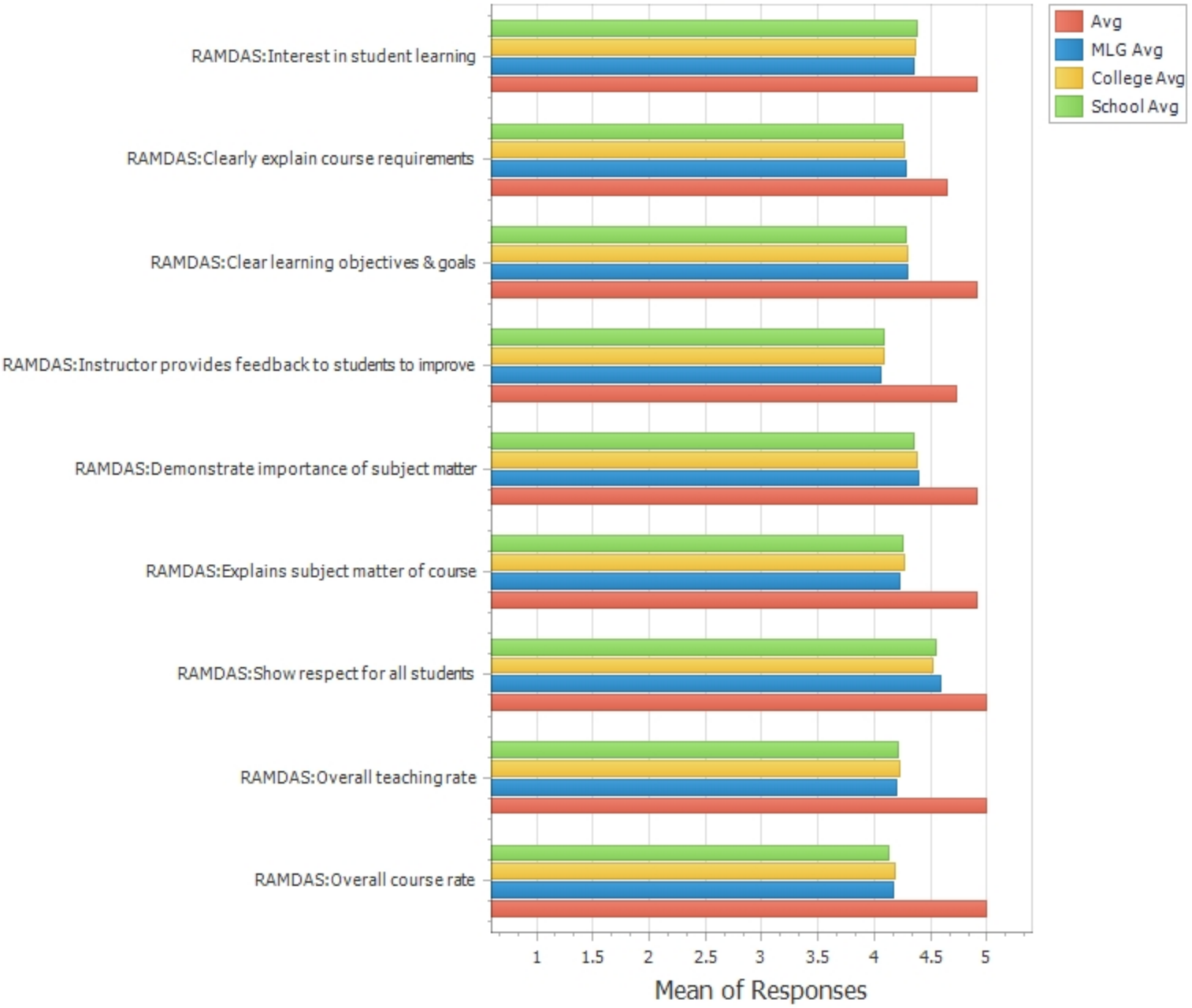
Fall 2021, MLG 10777 HISTORICAL ADV.IN ML Section A
Instructor: RAMDAS, AADITYA (Primary)

There were: 19 possible respondents.

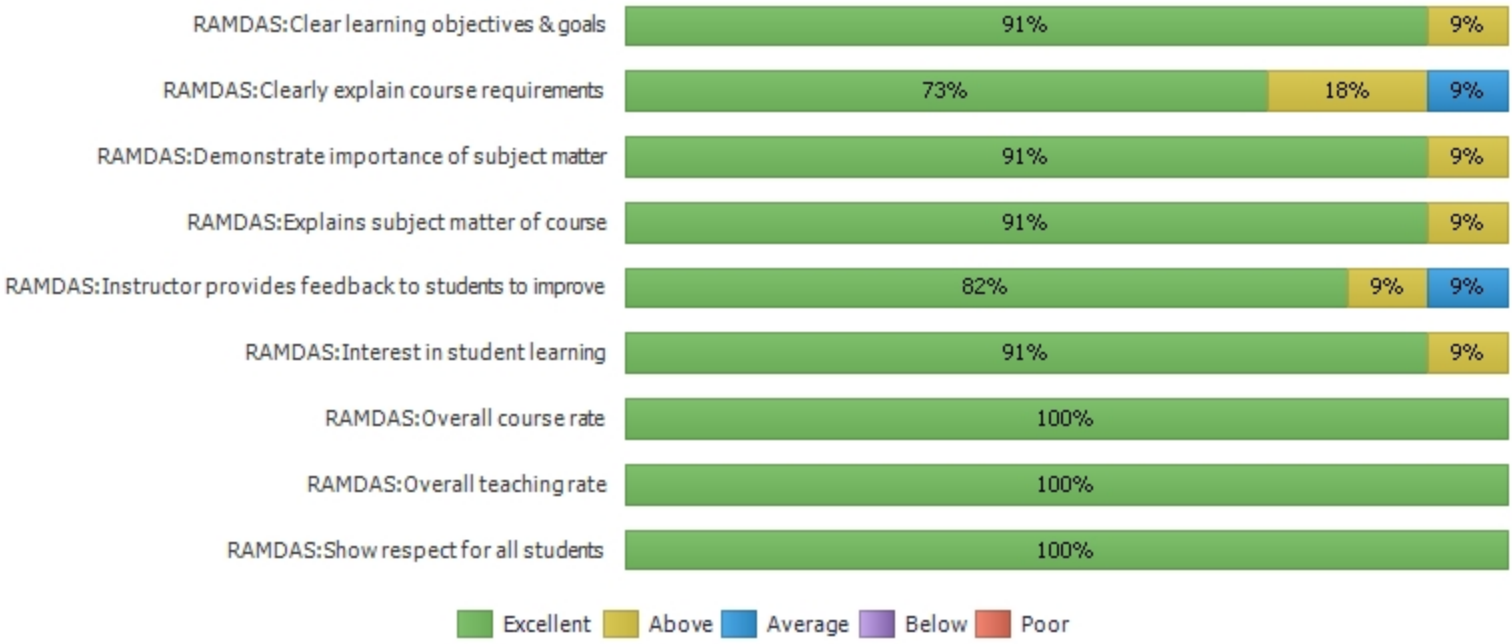
	Question Text	N	RR	Avg	SD	MLG Fall21	College Fall21	Univ Fall21
1	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?	11	58%	6.36	1.57	13.93	12.20	9.43
2	Does the faculty member display an interest in students' learning?	11	58%	4.91	0.3	4.58	4.45	4.46
3	Does the faculty member provide a clear explanation of the course requirements?	11	58%	4.64	0.67	4.49	4.37	4.36
4	Does the faculty member provide a clear explanation of the learning objectives or goals of the course?	11	58%	4.91	0.3	4.52	4.42	4.39
5	Does the faculty member provide feedback that helped students improve their performance?	11	58%	4.73	0.65	4.30	4.21	4.20
6	Does the faculty member demonstrate the importance and significance of the subject matter?	11	58%	4.91	0.3	4.57	4.48	4.45
7	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.)?	11	58%	4.91	0.3	4.45	4.38	4.34
8	Does the faculty member show respect for all students?	11	58%	5	0	4.74	4.60	4.64
9	Overall how would you rate this faculty's teaching?	11	58%	5	0	4.44	4.34	4.32
10	How would you rate the overall quality of the course?	11	58%	5	0	4.38	4.27	4.24

Instructor	Text Responses
	Question: Comments
RAMDAS	Thank you so much Aaditya and Steph for this amazing course, I enjoyed it a lot! Looking back at the history of a field is a great idea and really helps to gain perspectives. The speakers and student presentations are all amazing, the readings are fun, and the size and format of the class are great for discussions. I hope this course could be offered again in the future since it would benefit the students a lot.
RAMDAS	It was a great, unique class. I think we got a chance to meet with a lot of very interesting figures in machine learning who I would otherwise have a hard chance of meeting. I think it would have been great if there was an opportunity to review material from earlier classes. Maybe the review papers will help in this respect. The course requirements shifted over time, which is understandable since this was the first iteration of the class, but it was clear what we needed to do. The workload seemed to be just right.

Question Averages



Distribution of Scores



Carnegie Mellon University

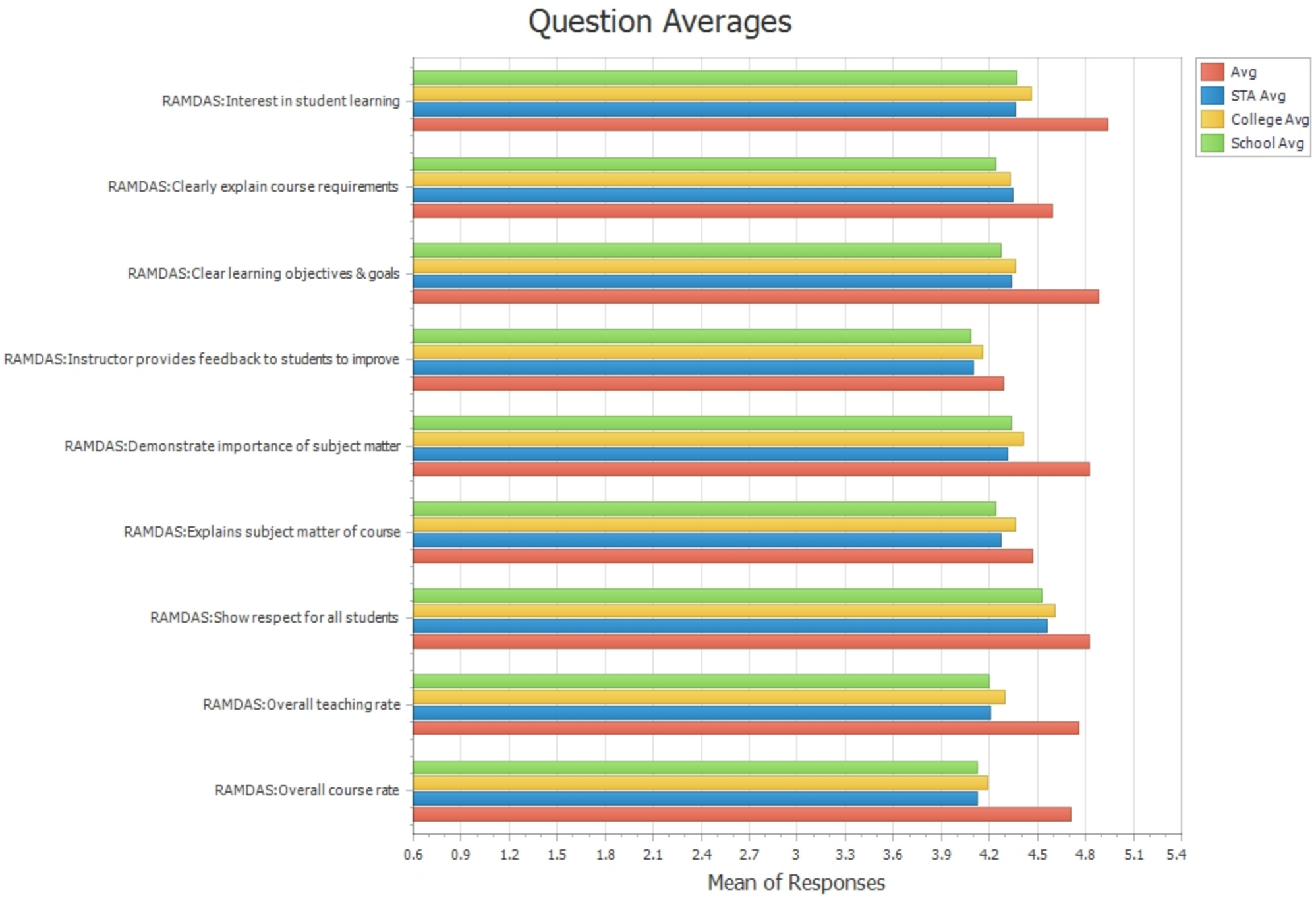
Spring 2021, STA 36708 STAT METH ML Section A

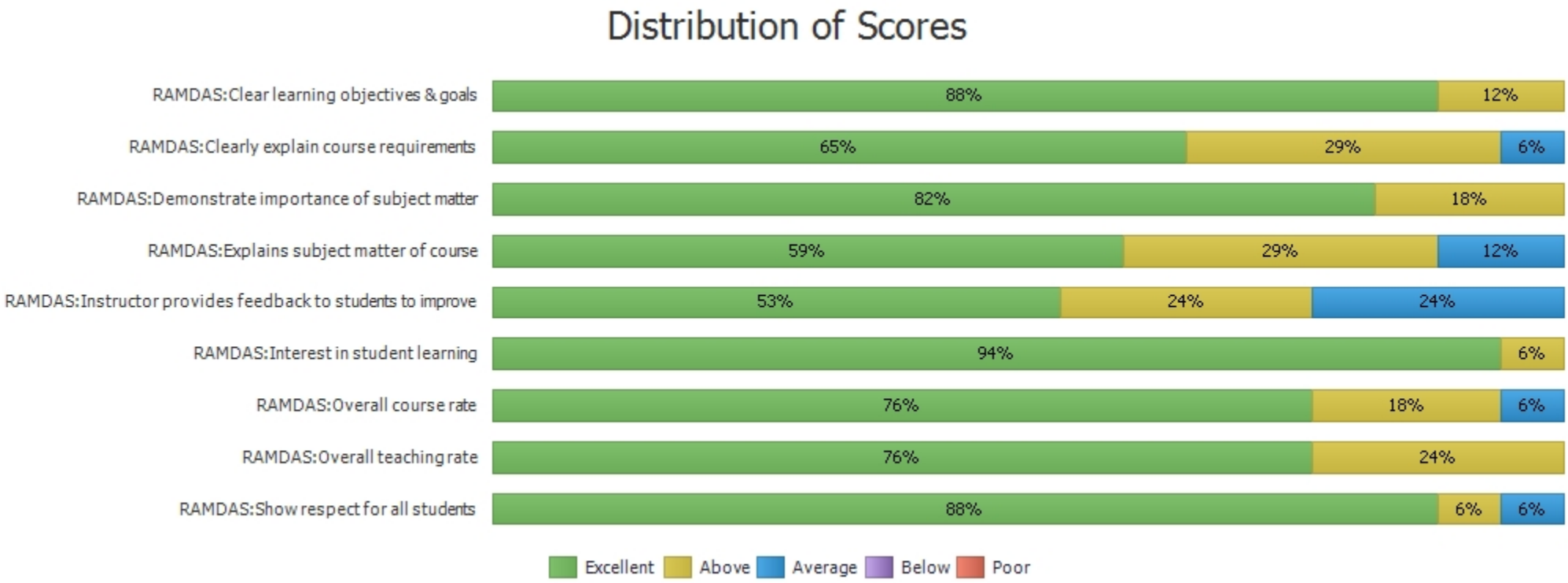
Instructor: RAMDAS, AADITYA (Primary)

There were: 25 possible respondents.

	Question Text	N	RR	Avg	SD	STA Spring21	College Spring21	Univ Spring21
1	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?	17	68%	12.29	5.58	8.34	7.37	9.63
2	Does the faculty member display an interest in students' learning?	17	68%	4.94	0.24	4.52	4.64	4.53
3	Does the faculty member provide a clear explanation of the course requirements?	17	68%	4.59	0.62	4.53	4.50	4.40
4	Does the faculty member provide a clear explanation of the learning objectives or goals of the course?	17	68%	4.88	0.33	4.52	4.54	4.45
5	Does the faculty member provide feedback that helped students improve their performance?	17	68%	4.29	0.85	4.31	4.39	4.26
6	Does the faculty member demonstrate the importance and significance of the subject matter?	17	68%	4.82	0.39	4.50	4.60	4.51
7	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.)?	17	68%	4.47	0.72	4.46	4.53	4.40
8	Does the faculty member show respect for all students?	17	68%	4.82	0.53	4.70	4.76	4.68
9	Overall how would you rate this faculty's teaching?	17	68%	4.76	0.44	4.42	4.51	4.38
10	How would you rate the overall quality of the course?	17	68%	4.71	0.59	4.37	4.43	4.29

Instructor	Text Responses Question: Comments
RAMDAS	Aaditya is probably the best professor I have ever had so far. Hes an incredible teacher and an exceptional communicator, but also a wonderful advisor when one has an issue and asks for advice.
RAMDAS	The instructor took in feedback a few weeks into the course, and the lecture quality went from poor to excellent in all aspects. (Initially the lack of visual aids made the lectures very challenging to follow)
RAMDAS	I really appreciate the time and effort Aaditya put into this course. Its clear he cares a lot. His intentions are always good though and I like his course outline. I wish we would have covered more ML fairness but there is only so much time. I felt like I got a good overview. I also appreciated how much he took our feedback into consideration mid-semester.
RAMDAS	Aaditya obviously cares a lot about the class and students. I did feel a bit uncomfortable asking questions -- worried about questions being "stupid" or simple. Additionally, I appreciate the 4 late days for homework, but I feel as though there could have been more flexibility/accommodations due to zoom learning/the pandemic.
RAMDAS	Aadi is perhaps my favorite lecturer in the Stats department. He has so much knowledge and tries to do his best to impart important historical context into discussions. He also obviously cares a lot about students learning and will take a lot of time to answer student questions. The class itself couldve been better in my opinion. For Stats PhD students, the first ~5 weeks seemed to rehash material from 707, which felt unnecessary. The latter half was great!
RAMDAS	Aaditya cares alot about his students; he was always willing to stick around after class to answer questions for several minutes. He was also always willing to provide advice on life as a PhD student which was extremely helpful for someone like me that has been struggling. In terms of teaching, It was evident from the lectures that Aaditya was doing his best to make sure that as many students as practically possible understood the material. Aaditya was very clear about the framework of the course at the start of the semester and it was great to see the ABCDE framework unfold as the semester went along. All in all, I think Aaditya is a great teacher; his ability to explain difficult concepts in simple terms always made the 36708 lectures enjoyable, motivational and worth attending!.
RAMDAS	I feel that the professor did a good job explaining the intuitions for the concepts in this course, and the course was certainly enjoyable and interesting. However, Im left feeling that outside of a few specific topics (in particular conformal prediction and kernel methods), I had already studied most of the topics in the course at a similar level of depth as was studied in this course. Naturally, courses like this must always negotiate the various levels of experience of all students. But, I would not suspect that I had a stronger ML background than most students coming into this course, and so Im left wondering how widely this feeling is shared.


Question Averages
RAMDAS:Interest in student learning
RAMDAS:Clearly explain course requirements
RAMDAS:Clear learning objectives & goals
RAMDAS:Instructor provides feedback to students to improve
RAMDAS:Demonstrate importance of subject matter
RAMDAS:Explains subject matter of course
RAMDAS:Show respect for all students
RAMDAS:Overall teaching rate
RAMDAS:Overall course rate
Avg
STA Avg
College Avg
School Avg
0.6 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3 3.3 3.6 3.9 4.2 4.5 4.8 5.1 5.4
Mean of Responses


Distribution of Scores
RAMDAS:Clear learning objectives & goals
88%
12%
RAMDAS:Clearly explain course requirements
65%
29%
6%
RAMDAS:Demonstrate importance of subject matter
82%
18%
RAMDAS:Explains subject matter of course
59%
29%
12%
RAMDAS:Instructor provides feedback to students to improve
53%
24%
24%
RAMDAS:Interest in student learning
94%
6%
RAMDAS:Overall course rate
76%
18%
6%
RAMDAS:Overall teaching rate
76%
24%
RAMDAS:Show respect for all students
88%
6%
6%
Excellent
Above
Average
Below
Poor

Carnegie Mellon University

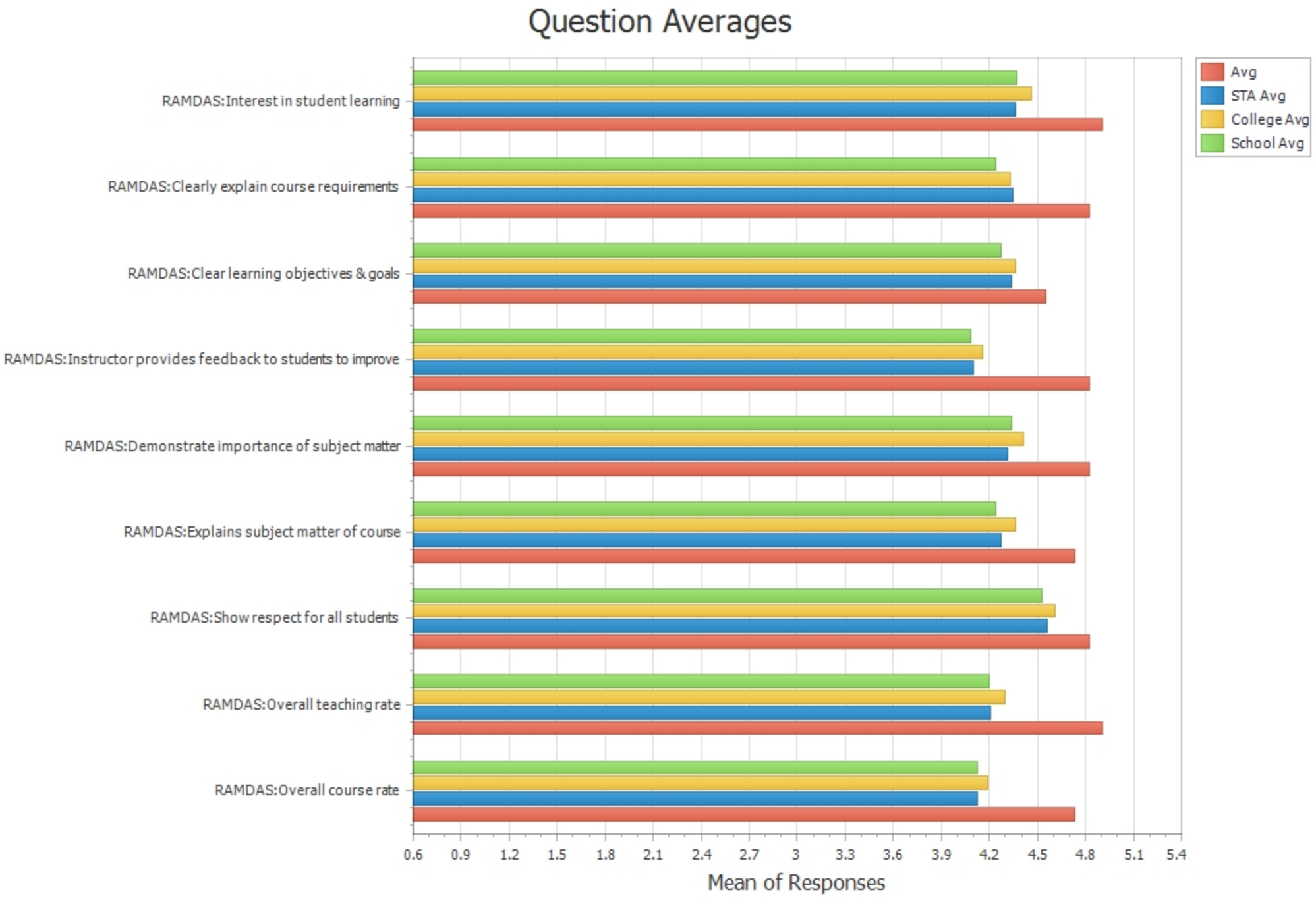
Spring 2021, STA 36745 GAME THERTC STAT INF Section A

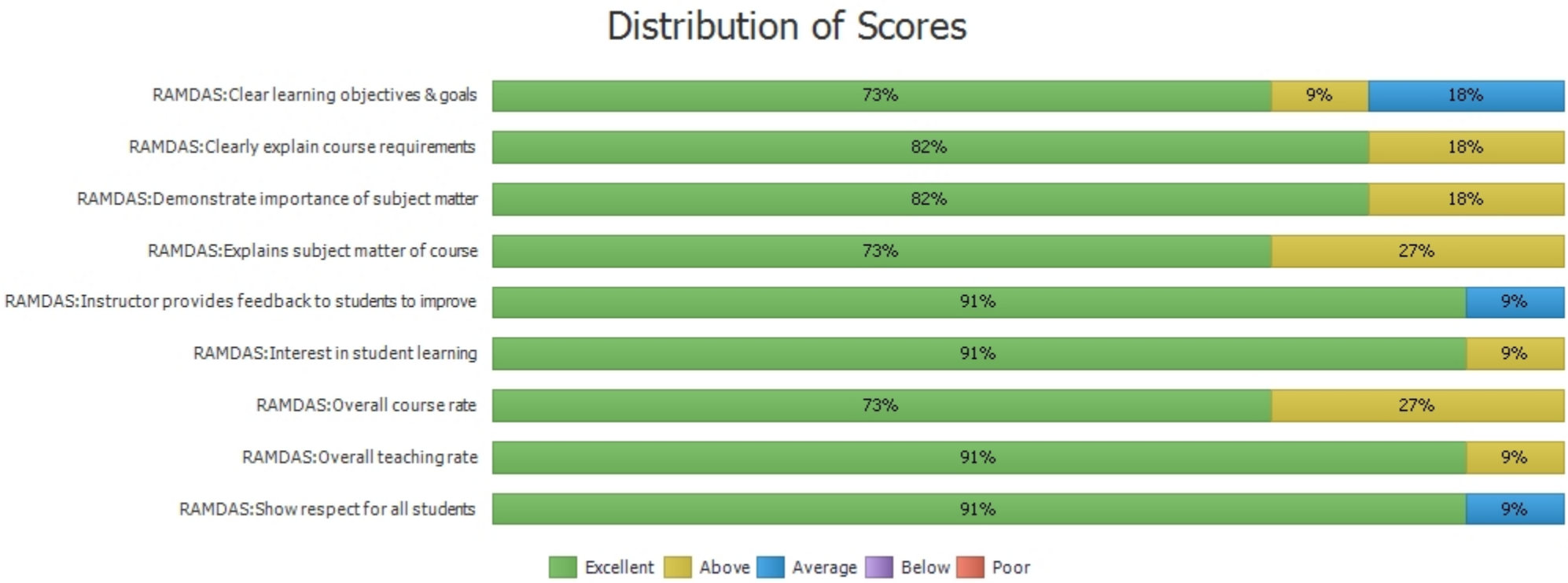
Instructor: RAMDAS, AADITYA (Primary)

There were: 17 possible respondents.

	Question Text	N	RR	Avg	SD	STA Spring21	College Spring21	Univ Spring21
1	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?	11	65%	5.82	2.71	8.34	7.37	9.63
2	Does the faculty member display an interest in students' learning?	11	65%	4.91	0.3	4.52	4.64	4.53
3	Does the faculty member provide a clear explanation of the course requirements?	11	65%	4.82	0.4	4.53	4.50	4.40
4	Does the faculty member provide a clear explanation of the learning objectives or goals of the course?	11	65%	4.55	0.82	4.52	4.54	4.45
5	Does the faculty member provide feedback that helped students improve their performance?	11	65%	4.82	0.6	4.31	4.39	4.26
6	Does the faculty member demonstrate the importance and significance of the subject matter?	11	65%	4.82	0.4	4.50	4.60	4.51
7	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.)?	11	65%	4.73	0.47	4.46	4.53	4.40
8	Does the faculty member show respect for all students?	11	65%	4.82	0.6	4.70	4.76	4.68
9	Overall how would you rate this faculty's teaching?	11	65%	4.91	0.3	4.42	4.51	4.38
10	How would you rate the overall quality of the course?	11	65%	4.73	0.47	4.37	4.43	4.29

Instructor	Text Responses Question: Comments
RAMDAS	This was the first course Ive taken with the "tri-university" format, and I found it very valuable. I thought it was a very creative way to find a silver lining to the fact that we were all virtual anyways. The found great benefit in the alternate perspective of the other two university professors. (I have taken courses where there were multiple rotating professors before, but always from the same university, and always trading off the same material/perspective.)
RAMDAS	This was a truly excellent course on a fascinating subject. I learned a lot from all three instructors and have a new and fruitful perspective on probability theory and statistical inference. The office/coffee hours hosted by Professor Ramdas were extremely helpful in digesting course material as well as getting to know the instructor and fellow students. I rated this course 5/5 in all categories except for one 3/5 in the explanation of learning objectives. The course offered three perspectives on game theoretic statistical inference which were sometimes difficult for me to reconcile. While I found the exercise of synthesizing the different perspectives both challenging and fruitful, it would have been useful to have these perspectives summarized and/or related to one another at a high level before diving into each.
RAMDAS	Please teach another class like this (i.e., with profs from other universities)!
RAMDAS	Professor Ramdas willingness for students to understand, and his enthusiasm for the course material, are unparalleled. He is also a very clear speaker. The format of this course --- taught by three professors at three universities --- gave the students a unique opportunity to hear distinct perspectives on the course material, which itself was very modern and carefully selected. I enjoyed this course very much, and Professor Ramdas has my best recommendations.
RAMDAS	Very interesting course with a unique tri-University format. Aaditya (and Glenn/Ruodu) did an amazing job. I am grateful that I had the opportunity to attend.


Question Averages
RAMDAS:Interest in student learning
RAMDAS:Clearly explain course requirements
RAMDAS:Clear learning objectives & goals
RAMDAS:Instructor provides feedback to students to improve
RAMDAS:Demonstrate importance of subject matter
RAMDAS:Explains subject matter of course
RAMDAS:Show respect for all students
RAMDAS:Overall teaching rate
RAMDAS:Overall course rate
Avg
STA Avg
College Avg
School Avg
0.6 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3 3.3 3.6 3.9 4.2 4.5 4.8 5.1 5.4
Mean of Responses


Distribution of Scores
RAMDAS:Clear learning objectives & goals
73%
9%
18%
RAMDAS:Clearly explain course requirements
82%
18%
RAMDAS:Demonstrate importance of subject matter
82%
18%
RAMDAS:Explains subject matter of course
73%
27%
RAMDAS:Instructor provides feedback to students to improve
91%
9%
RAMDAS:Interest in student learning
91%
9%
RAMDAS:Overall course rate
73%
27%
RAMDAS:Overall teaching rate
91%
9%
RAMDAS:Show respect for all students
91%
9%
Excellent
Above
Average
Below
Poor

Carnegie Mellon University

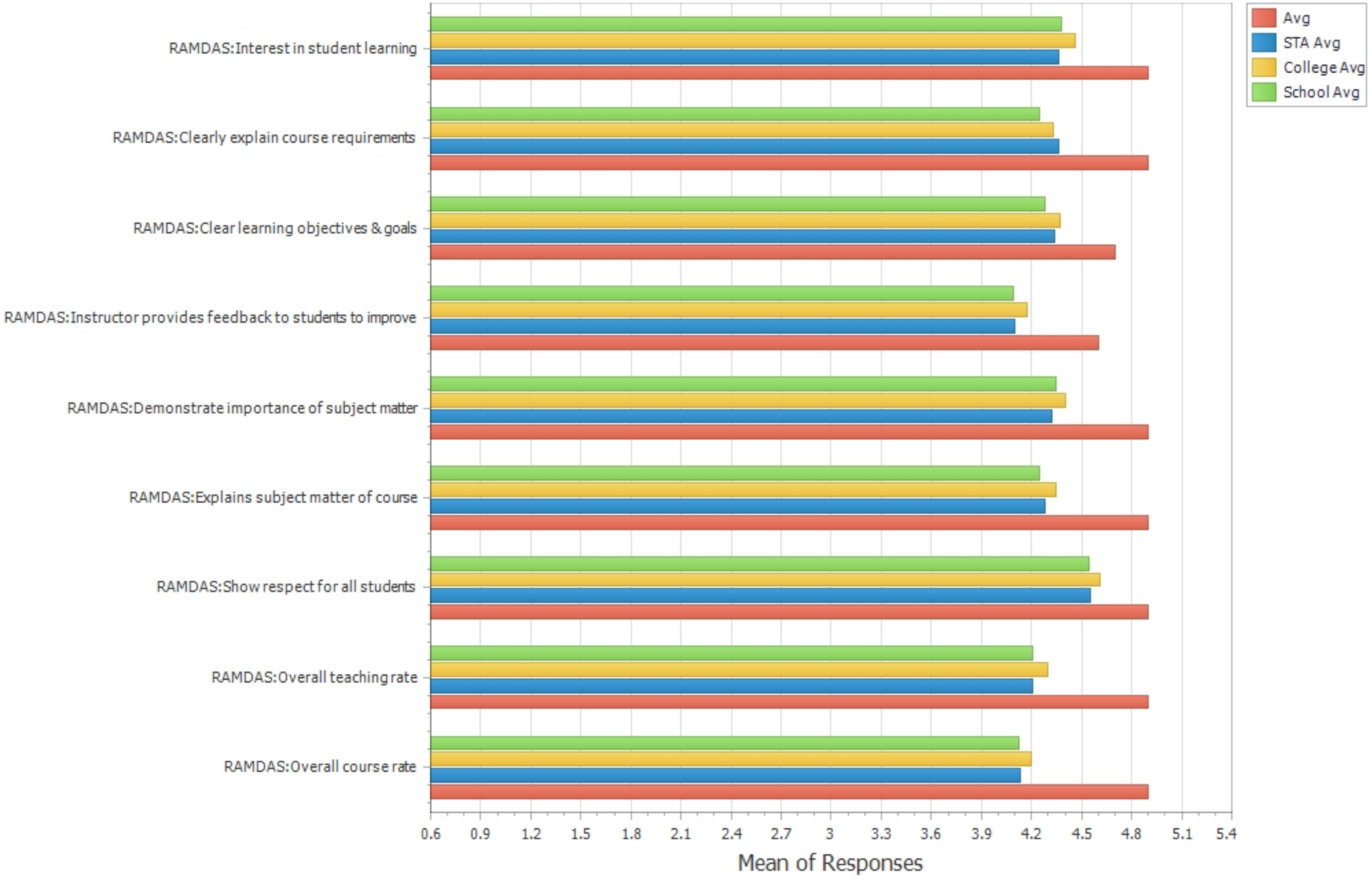
Spring 2022, STA 36708 STAT METH ML Section A
Instructor: RAMDAS, AADITYA (Primary)

There were: 16 possible respondents.

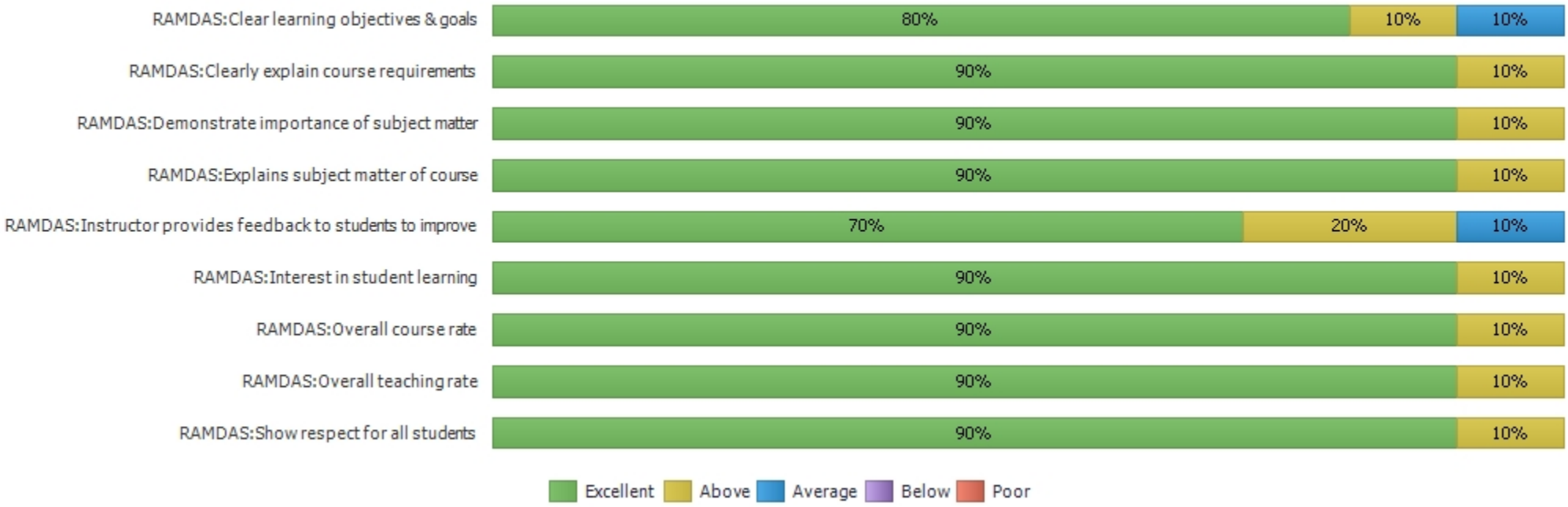
	Question Text	N	RR	Avg	SD	STA Spring22	College Spring22	Univ Spring22
1	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?	10	63%	10.1	3.48	8.11	6.90	9.54
2	Does the faculty member display an interest in students' learning?	10	63%	4.9	0.32	4.37	4.57	4.45
3	Does the faculty member provide a clear explanation of the course requirements?	10	63%	4.9	0.32	4.41	4.45	4.34
4	Does the faculty member provide a clear explanation of the learning objectives or goals of the course?	10	63%	4.7	0.67	4.39	4.50	4.38
5	Does the faculty member provide feedback that helped students improve their performance?	10	63%	4.6	0.7	4.16	4.35	4.21
6	Does the faculty member demonstrate the importance and significance of the subject matter?	10	63%	4.9	0.32	4.37	4.54	4.43
7	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.)?	10	63%	4.9	0.32	4.33	4.47	4.34
8	Does the faculty member show respect for all students?	10	63%	4.9	0.32	4.52	4.70	4.61
9	Overall how would you rate this faculty's teaching?	10	63%	4.9	0.32	4.28	4.44	4.31
10	How would you rate the overall quality of the course?	10	63%	4.9	0.32	4.20	4.36	4.23

Instructor	Text Responses Question: Comments
RAMDAS	Aaditya is an amazing teacher! Especially loved the insights (outside of a regular Stat/ML textbook) that he shared throughout the course!
RAMDAS	The most useful part of the course was doing the homeworks. I would prefer more homeworks, and for the quizzes to be more closed-ended (things we learned while doing homeworks). I found that studying for quizzes didnt help my learning or help me on the quizzes themselves - there are too many topics to boil down to a few multiple choice questions, and the second quiz felt "tricky" (there were multiple questions with no correct answers, which stumped me) . Aaditya is super kind and a good supporter, I felt comfortable asking questions.

Question Averages



Distribution of Scores



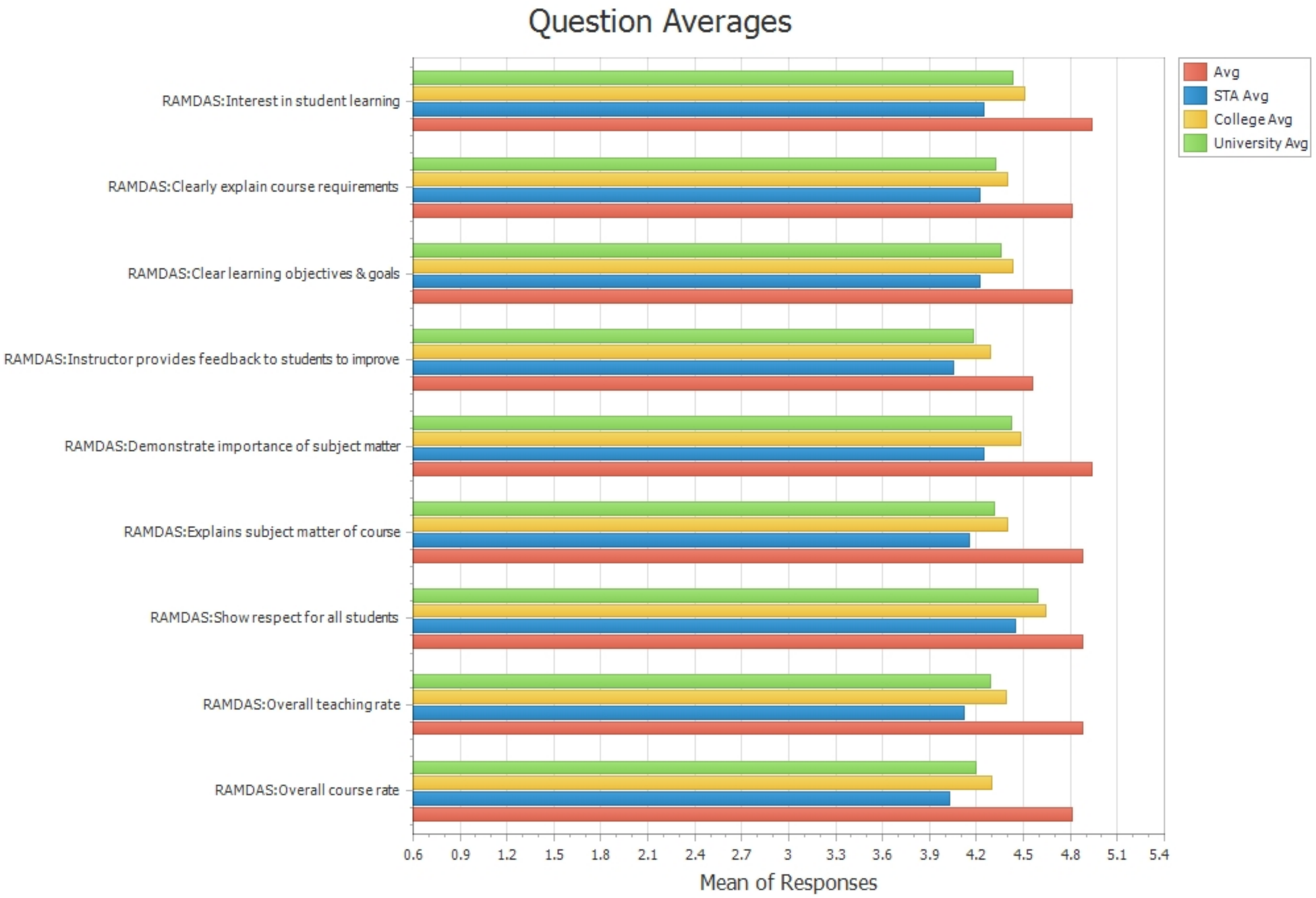
Carnegie Mellon University

Spring 2023, STA 36708 STAT METH ML Section A
Instructor: RAMDAS, AADITYA (Primary)

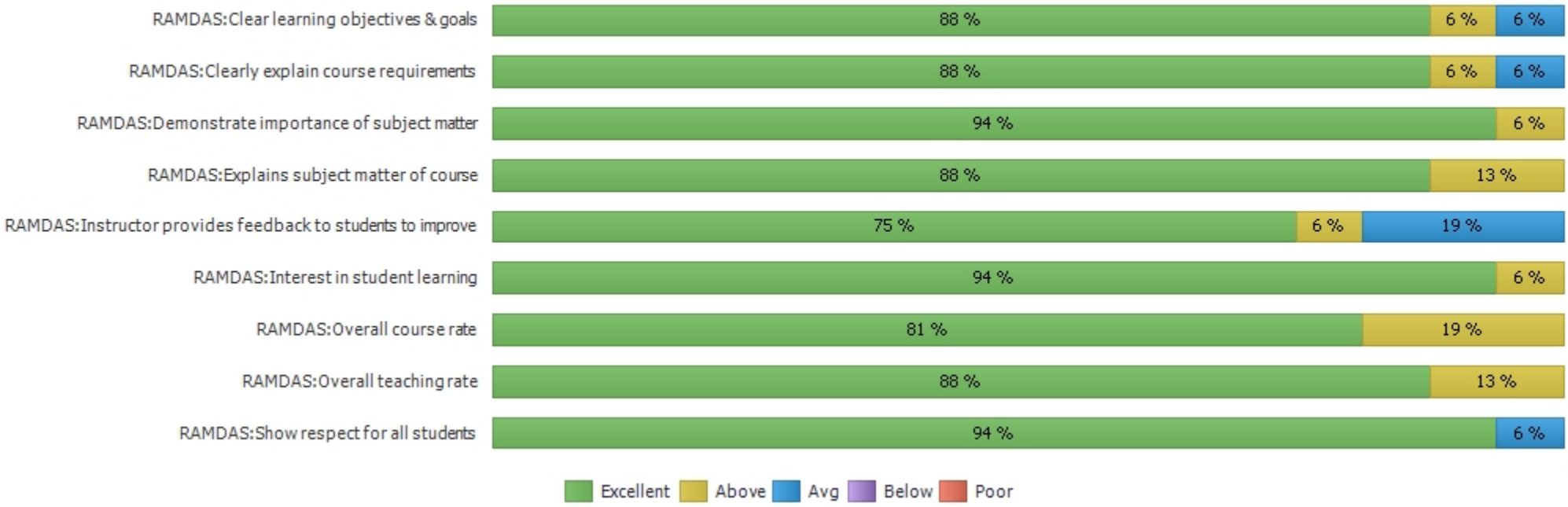
There were: 25 possible respondents.

	Question Text	N	RR	Avg	SD	STA Spring23	College Spring23	Univ Spring23
1	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?	16	64%	10.81	3.71	7.82	6.69	9.36
2	Does the faculty member display an interest in students' learning?	16	64%	4.94	0.25	4.13	4.48	4.42
3	Does the faculty member provide a clear explanation of the course requirements?	16	64%	4.81	0.54	4.14	4.40	4.31
4	Does the faculty member provide a clear explanation of the learning objectives or goals of the course?	16	64%	4.81	0.54	4.14	4.42	4.35
5	Does the faculty member provide feedback that helped students improve their performance?	16	64%	4.56	0.81	3.92	4.28	4.19
6	Does the faculty member demonstrate the importance and significance of the subject matter?	16	64%	4.94	0.25	4.16	4.45	4.41
7	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.)?	16	64%	4.88	0.34	4.08	4.40	4.31
8	Does the faculty member show respect for all students?	16	64%	4.88	0.5	4.34	4.60	4.57
9	Overall how would you rate this faculty's teaching?	16	64%	4.88	0.34	4.06	4.38	4.29
10	How would you rate the overall quality of the course?	16	64%	4.81	0.4	3.95	4.28	4.21

Instructor	Text Responses Question: Comments
RAMDAS	The topics covered in this course do not have enough depth, e.g. proof details.
RAMDAS	Overall, I really enjoyed the course. Aaditya is a great lecturer and demonstrates so much enthusiasm and expertise for the course content. For some of the topics, it would have been helpful to have more guidance on resources to refer to. (Example: we did not get into too much depth on clustering & neural networks in class, but I was somewhat overwhelmed sorting through resources to learn these things)


Question Averages
RAMDAS:Interest in student learning
RAMDAS:Clearly explain course requirements
RAMDAS:Clear learning objectives & goals
RAMDAS:Instructor provides feedback to students to improve
RAMDAS:Demonstrate importance of subject matter
RAMDAS:Explains subject matter of course
RAMDAS:Show respect for all students
RAMDAS:Overall teaching rate
RAMDAS:Overall course rate
Avg
STA Avg
College Avg
University Avg
0.6 0.9 1.2 1.5 1.8 2.1 2.4 2.7 3 3.3 3.6 3.9 4.2 4.5 4.8 5.1 5.4
Mean of Responses

Distribution of Scores



Carnegie Mellon University

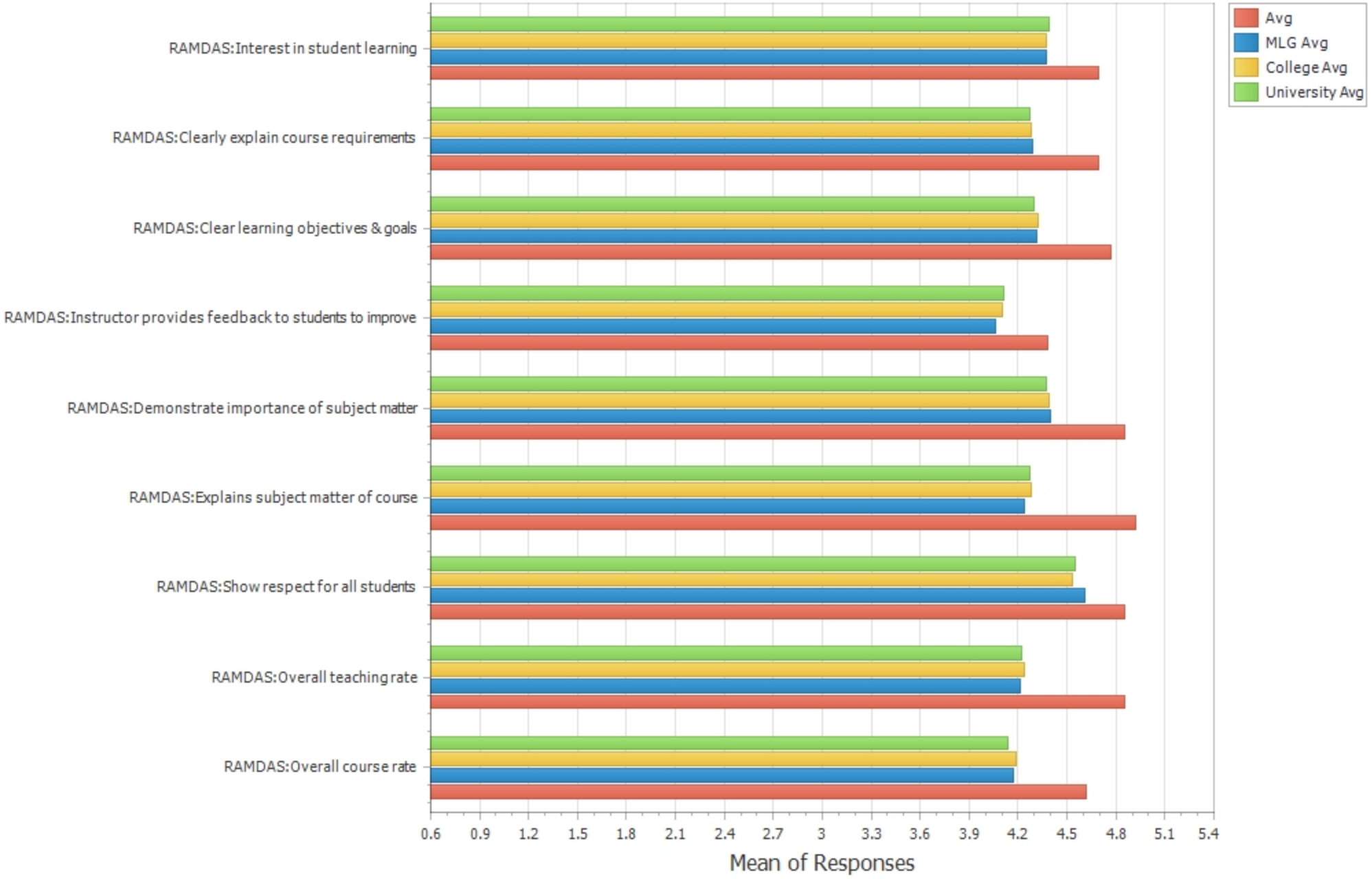
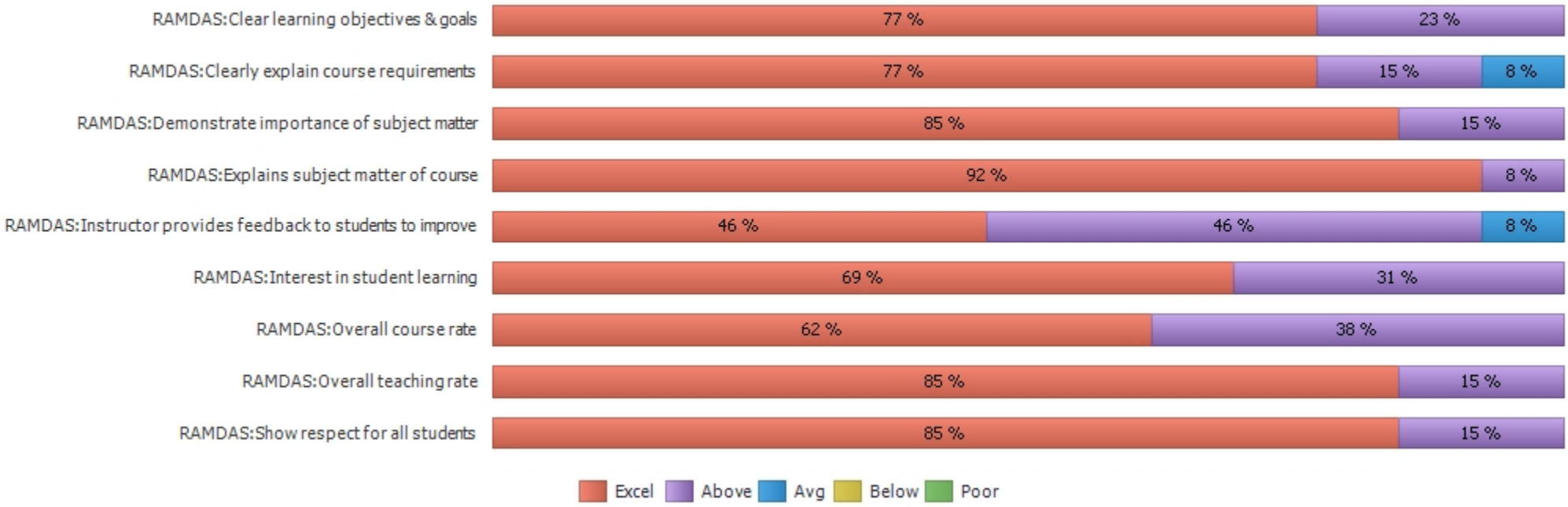
Spring 2024, MLG 10880 GTPSL Section A
Instructor: RAMDAS, AADITYA (Primary)

There were: 24 possible respondents.

	Question Text	N	RR	Avg	SD	MLG Spring24	College Spring24	Univ Spring24
1	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?	13	54%	6.85	3.13		8.60	7.81
2	Does the faculty member display an interest in students' learning?	13	54%	4.69	0.48		4.44	4.51
3	Does the faculty member provide a clear explanation of the course requirements?	13	54%	4.69	0.63		4.39	4.41
4	Does the faculty member provide a clear explanation of the learning objectives or goals of the course?	13	54%	4.77	0.44		4.42	4.44
5	Does the faculty member provide feedback that helped students improve their performance?	13	54%	4.38	0.65		4.32	4.30
6	Does the faculty member demonstrate the importance and significance of the subject matter?	13	54%	4.85	0.38		4.45	4.50
7	Does the faculty member explain the subject matter of the course (e.g. concepts, skills, techniques, etc.) ?	13	54%	4.92	0.28		4.37	4.42
8	Does the faculty member show respect for all students?	13	54%	4.85	0.38		4.67	4.68
9	Overall how would you rate this faculty's teaching?	13	54%	4.85	0.38		4.30	4.37
10	How would you rate the overall quality of the course?	13	54%	4.62	0.51		4.26	4.29

Instructor	Text Responses
	Question: Comments
RAMDAS	Very useful course! Wide range of topics, passionate teaching.
RAMDAS	great course, deserves more exposure.
RAMDAS	I think it is one of the best courses I have ever taken!

Question Averages



Distribution of Scores