Report: Survey Results

Dear Instructor PENA,

This email contains results for PROBABILITY:

The global indicators are listed first, followed by the individual average values, consisting of the following scales:
INSTRUCTOR EVALUATION (Part I) (Scale width: 5)
INSTRUCTOR OVERALL (Scale width: 5)
STUDENT OUTCOME (PART II) (Scale width: 5)
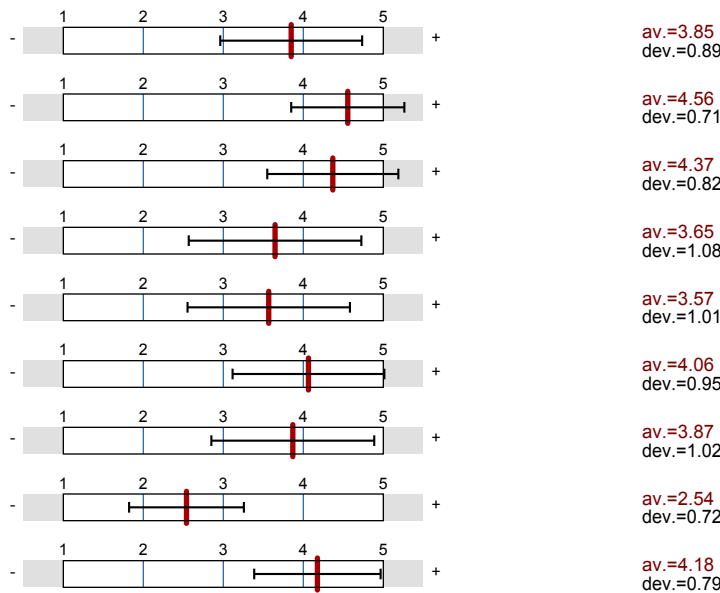OVERALL STUDENT OUTCOME (Scale width: 5)
COURSE EVALUATION (Part III) (Scale width: 5)
OVERALL COURSE EVALUATION (PART IV) (Scale width: 5)
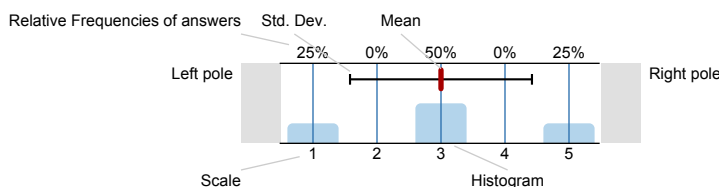COURSE EVALUATION (PART V) (Scale width: 5)
COMMUNICATION AND RESOURCES (Scale width: 5)
MISCELLANEOUS INSTRUCTOR QUESTIONS (Scale width: 5)

In the second part of the analysis the average values of all individual questions are listed.

EDSEL PENA
PROBABILITY (STAT 511 001)
No. of responses = 38

Overall indicators

Global Index

	1	2	3	4	5	
av.=3.85
dev.=0.89

INSTRUCTOR EVALUATION (Part I) (Scale width: 5)
av.=4.56
dev.=0.71

INSTRUCTOR OVERALL (Scale width: 5)
av.=4.37
dev.=0.82

STUDENT OUTCOME (PART II) (Scale width: 5)
av.=3.65
dev.=1.08

OVERALL STUDENT OUTCOME (Scale width: 5)
av.=3.57
dev.=1.01

COURSE EVALUATION (Part III) (Scale width: 5)
av.=4.06
dev.=0.95

OVERALL COURSE EVALUATION (PART IV) (Scale width: 5)
av.=3.87
dev.=1.02

COURSE EVALUATION (PART V) (Scale width: 5)
av.=2.54
dev.=0.72

COMMUNICATION AND RESOURCES (Scale width: 5)
av.=4.18
dev.=0.79

Survey Results

Legend

Question text

Relative Frequencies of answers — Std. Dev. — Mean

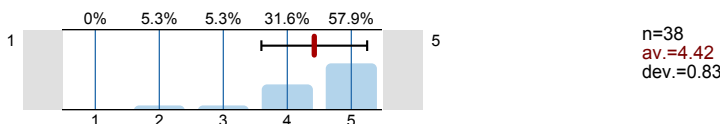Left pole: 25% 0% 50% 0% 25% — Right pole
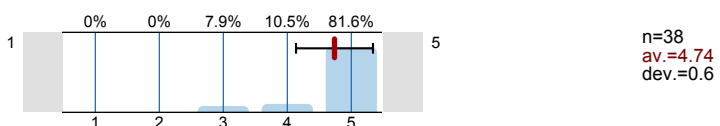
Scale: 1 2 3 4 5 — Histogram

n=No. of responses
av.=Mean
dev.=Std. Dev.
ab.=Abstention

1. INSTRUCTOR EVALUATION (Part I)

1.1) The instructor clearly stated the instructional objectives of the course.
0% 5.3% 5.3% 31.6% 57.9%
n=38
av.=4.42
dev.=0.83

1.2) The instructor clearly stated the method by which your final grade would be determined.
0% 0% 7.9% 10.5% 81.6%
n=38
av.=4.74
dev.=0.6

**1.3) The instructor clearly explained any special requirements of attendance which differ from the attendance policy of the University.**
2.6% 0% 10.5% 15.8% 71.1%
n=38
av.=4.53
dev.=0.89

1.4) The instructor clearly graded and returned the student's written work (e.g., examinations and papers) in a timely manner.

0%	0%	5.3%	23.7%	71.1%

n=38
av.=4.66
dev.=0.58

1.5) The instructor met the class regularly and at the scheduled times.

0%	0%	2.6%	5.3%	92.1%

n=38
av.=4.89
dev.=0.39

1.6) The instructor scheduled a reasonable number of office hours per week.

0%	2.6%	10.5%	7.9%	78.9%

n=38
av.=4.63
dev.=0.79

1.7) Please indicate your satisfaction with the availability of the instructor outside the classroom. (In selecting your rating, consider the instructor's availability via established office hours, appointments, and other opportunities for face-to-face interaction as well as via telephone, e-mail, fax and other means)

0%	0%	13.2%	5.3%	81.6%

n=38
av.=4.68
dev.=0.7

1.8) If web sites, Blackboard, or other Internet resources were a part of this course, to what extent did they enhance or detract from your learning experience in the course.

0%	0%	21.1%	47.4%	31.6%

n=38
av.=4.11
dev.=0.73

1.9) displays a clear understanding of the subject matter and course topics.

0%	2.7%	2.7%	10.8%	83.8%

n=37
av.=4.76
dev.=0.64

1.10) motivates me to learn the subject.

2.6%	5.3%	21.1%	26.3%	44.7%

n=38
av.=4.05
dev.=1.06

1.11) gives clear and helpful responses to student questions.

0%	8.1%	5.4%	32.4%	54.1%

n=37
av.=4.32
dev.=0.91

1.12) is concerned that students learn the material.

0%	0%	5.3%	18.4%	76.3%

n=38
av.=4.71
dev.=0.57

1.13) treats students with respect.

2.6%	0%	2.6%	23.7%	71.1%

n=38
av.=4.61
dev.=0.79

1.14) grades fairly.

0%	0%	0%	35.1%	64.9%

n=37
av.=4.65
dev.=0.48

1.15) well-utilized class time, either by lecture, group work, student presentations or other activities.

0%	0%	7.9%	26.3%	65.8%

n=38
av.=4.58
dev.=0.64

---

2. INSTRUCTOR OVERALL

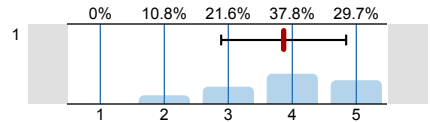2.1) OVERALL, considering all aspects, I rate the overall performance of my instructor as:

0% 2.6% 13.2% 28.9% 55.3%
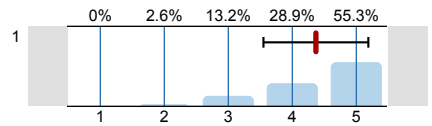
n=38
av.=4.37
dev.=0.82

3. STUDENT OUTCOME (PART II)

3.1) Gaining factual knowledge of this subject (terminology, methods, skills).

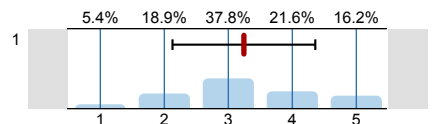0% 10.5% 28.9% 31.6% 28.9%
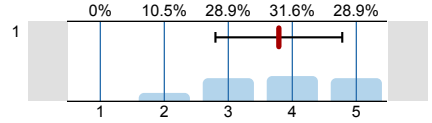
n=38
av.=3.79
dev.=0.99

3.2) Learning fundamental principles, theories or generalizations.

0% 10.8% 21.6% 37.8% 29.7%

n=37
av.=3.86
dev.=0.98

3.3) Improving my oral and written communication skills.

5.4% 18.9% 37.8% 21.6% 16.2%

n=37
av.=3.24
dev.=1.12

3.4) Learning to apply course materials to improve decision making, rational thinking and problem solving.

5.3% 13.2% 23.7% 23.7% 34.2%
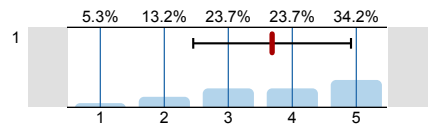
n=38
av.=3.68
dev.=1.23

4. OVERALL STUDENT OUTCOME

4.1) OVERALL, I rate the progress I have made in this course as compared with others I have taken as:

2.7% 10.8% 32.4% 35.1% 18.9%
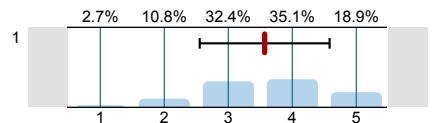
n=37
av.=3.57
dev.=1.01

5. COURSE EVALUATION (Part III)

5.1) Exams assess and reflect course material accurately.

0% 5.3% 13.2% 44.7% 36.8%
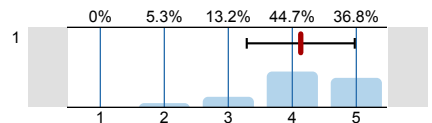
n=38
av.=4.13
dev.=0.84

5.2) Specified objectives for this course were achieved.

0% 2.6% 10.5% 42.1% 44.7%
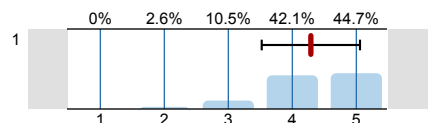
n=38
av.=4.29
dev.=0.77

5.3) Text was clear, readable and useful.

8.1% 18.9% 29.7% 21.6% 21.6%
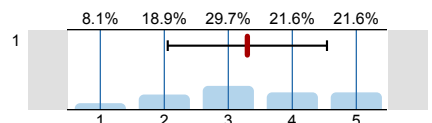
n=37
av.=3.3
dev.=1.24

5.4) The classroom atmosphere was conducive to free expression of ideas and questioning.

0% 2.7% 10.8% 24.3% 62.2%
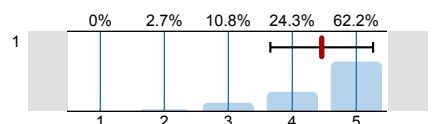
n=37
av.=4.46
dev.=0.8

5.5) The departmental prerequisite courses were adequate preparation for this course.
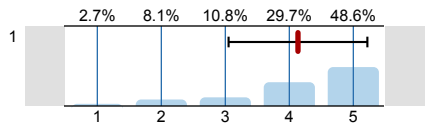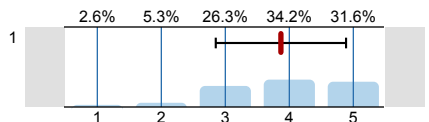
	2.7%	8.1%	10.8%	29.7%	48.6%	
1	1	2	3	4	5	5

n=37
av.=4.14
dev.=1.08

6. OVERALL COURSE EVALUATION (PART IV)

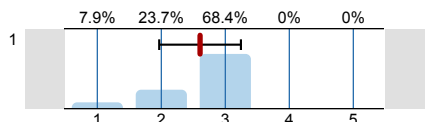**6.1)** OVERALL, considering all of the above aspects, I rate this course as:

	2.6%	5.3%	26.3%	34.2%	31.6%	
1	1	2	3	4	5	5

n=38
av.=3.87
dev.=1.02

7. COURSE EVALUATION (PART V)

7.1) Related to my other courses, the material covered was:

	13.2%	31.6%	50%	5.3%	0%	
1	1	2	3	4	5	5
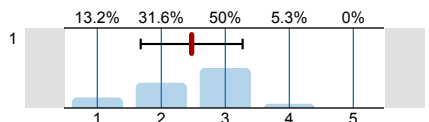
n=38
av.=2.47
dev.=0.8

7.2) Related to my other courses, the workload was:

	7.9%	23.7%	68.4%	0%	0%	
1	1	2	3	4	5	5

n=38
av.=2.61
dev.=0.64

8. COMMUNICATION AND RESOURCES

8.1) the opportunities to interact with other students in the class?

	0%	0%	34.4%	34.4%	31.3%	
1	1	2	3	4	5	5
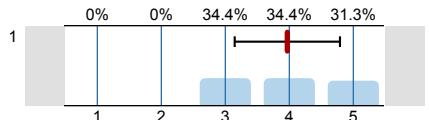
n=32
av.=3.97
dev.=0.82

8.2) the opportunities to interact with the professor in this course?

	0%	0%	12.5%	31.3%	56.3%	
1	1	2	3	4	5	5
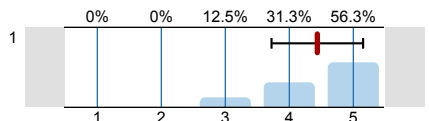
n=32
av.=4.44
dev.=0.72

8.3) the promptness of the feedback that you received in this course?

	0%	0%	12.5%	37.5%	50%	
1	1	2	3	4	5	5
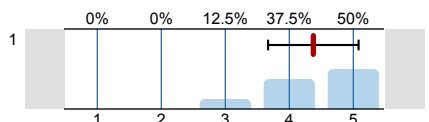
n=32
av.=4.38
dev.=0.71

8.4) the technology support required in this course?

	0%	0%	25%	37.5%	37.5%	
1	1	2	3	4	5	5
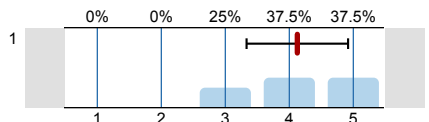
n=32
av.=4.13
dev.=0.79

8.5) the opportunities to access library resources and library support for this course?

	0%	0%	41.9%	19.4%	38.7%	
1	1	2	3	4	5	5
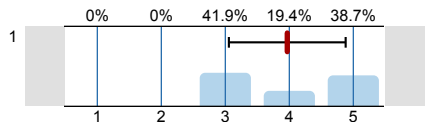
n=31
av.=3.97
dev.=0.91

9. MISCELLANEOUS INSTRUCTOR QUESTIONS

9.1) Miscellaneous #1   The evaluation will not be displayed due to low response rate.

9.2) Miscellaneous #2   The evaluation will not be displayed due to low response rate.

9.3) Miscellaneous #3   The evaluation will not be displayed due to low response rate.

9.4) Miscellaneous #4   The evaluation will not be displayed due to low response rate.

9.5) Miscellaneous #5   The evaluation will not be displayed due to low response rate.

Profile

Subunit: Statistics
Name of the instructor: EDSEL PENA
Name of the course: PROBABILITY
(Name of the survey)

1. INSTRUCTOR EVALUATION (Part I)

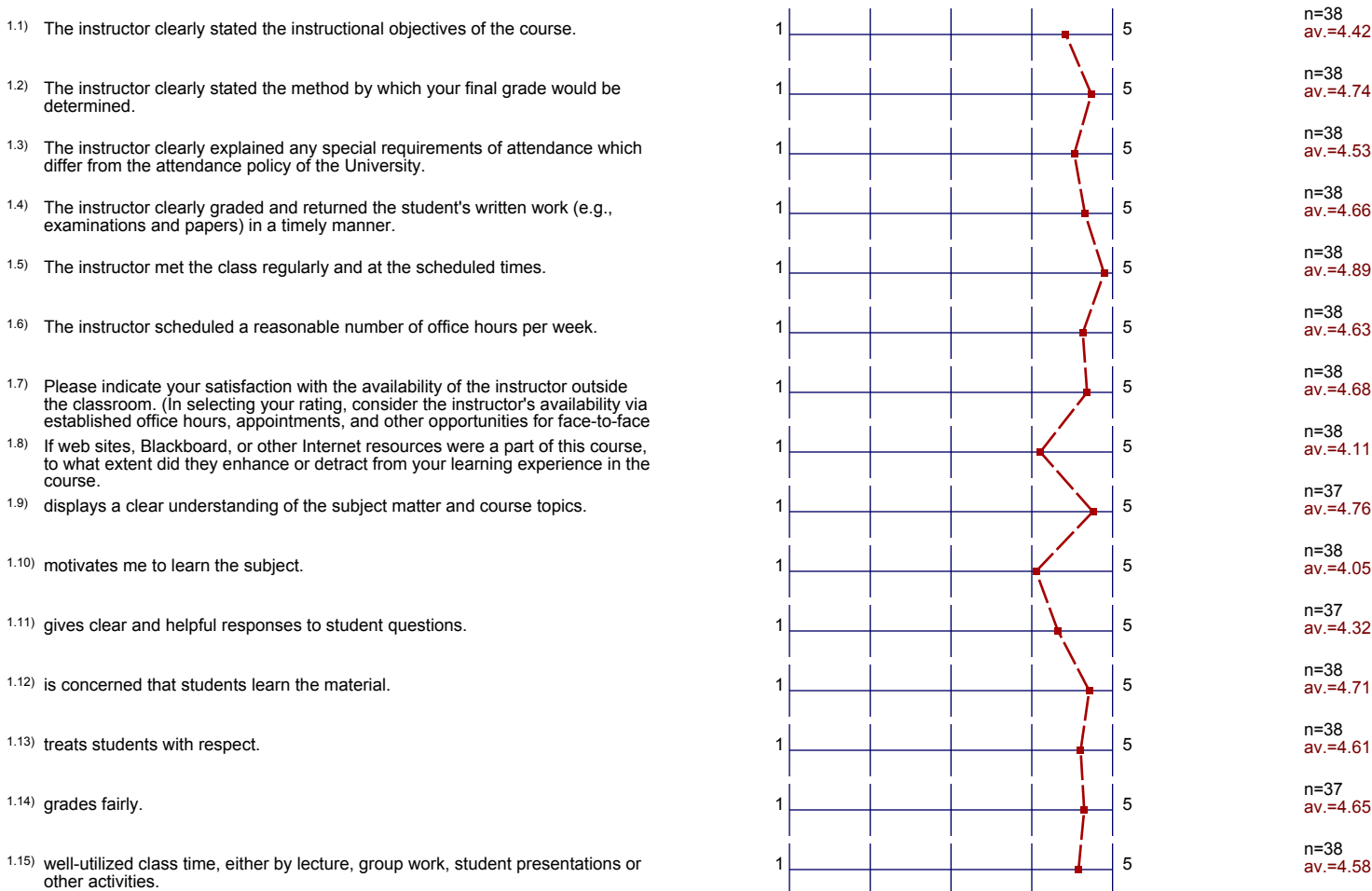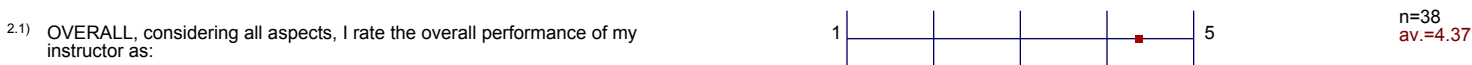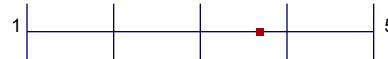|		
1.1)	The instructor clearly stated the instructional objectives of the course.	n=38 av.=4.42
1.2)	The instructor clearly stated the method by which your final grade would be determined.	n=38 av.=4.74
1.3)	The instructor clearly explained any special requirements of attendance which differ from the attendance policy of the University.	n=38 av.=4.53
1.4)	The instructor clearly graded and returned the student's written work (e.g., examinations and papers) in a timely manner.	n=38 av.=4.66
1.5)	The instructor met the class regularly and at the scheduled times.	n=38 av.=4.89
1.6)	The instructor scheduled a reasonable number of office hours per week.	n=38 av.=4.63
1.7)	Please indicate your satisfaction with the availability of the instructor outside the classroom. (In selecting your rating, consider the instructor's availability via established office hours, appointments, and other opportunities for face-to-face	n=38 av.=4.68
1.8)	If web sites, Blackboard, or other Internet resources were a part of this course, to what extent did they enhance or detract from your learning experience in the course.	n=38 av.=4.11
1.9)	displays a clear understanding of the subject matter and course topics.	n=37 av.=4.76
1.10)	motivates me to learn the subject.	n=38 av.=4.05
1.11)	gives clear and helpful responses to student questions.	n=37 av.=4.32
1.12)	is concerned that students learn the material.	n=38 av.=4.71
1.13)	treats students with respect.	n=38 av.=4.61
1.14)	grades fairly.	n=37 av.=4.65
1.15)	well-utilized class time, either by lecture, group work, student presentations or other activities.	n=38 av.=4.58

2. INSTRUCTOR OVERALL

2.1)	OVERALL, considering all aspects, I rate the overall performance of my instructor as:	n=38 av.=4.37

3. STUDENT OUTCOME (PART II)

3.1)	Gaining factual knowledge of this subject (terminology, methods, skills).	n=38 av.=3.79
3.2)	Learning fundamental principles, theories or generalizations.	n=37 av.=3.86
3.3)	Improving my oral and written communication skills.	n=37 av.=3.24

3.4) Learning to apply course materials to improve decision making, rational thinking and problem solving.

1 |———————■———| 5

n=38
av.=3.68

4. OVERALL STUDENT OUTCOME

4.1) OVERALL, I rate the progress I have made in this course as compared with others I have taken as:

1 |————————■———| 5

n=37
av.=3.57

5. COURSE EVALUATION (Part III)

5.1) Exams assess and reflect course material accurately.

1 |——————————■——| 5

n=38
av.=4.13

5.2) Specified objectives for this course were achieved.
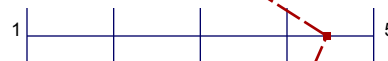
1 |———————————■——| 5

n=38
av.=4.29

5.3) Text was clear, readable and useful.

1 |—————————■———| 5

n=37
av.=3.3

5.4) The classroom atmosphere was conducive to free expression of ideas and questioning.

1 |————————————■—| 5

n=37
av.=4.46

5.5) The departmental prerequisite courses were adequate preparation for this course.

1 |——————————■——| 5

n=37
av.=4.14
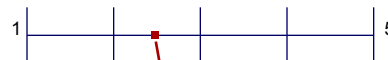
6. OVERALL COURSE EVALUATION (PART IV)

6.1) OVERALL, considering all of the above aspects, I rate this course as:

1 |————————■———| 5

n=38
av.=3.87

7. COURSE EVALUATION (PART V)

7.1) Related to my other courses, the material covered was:

1 |————■———————| 5

n=38
av.=2.47

7.2) Related to my other courses, the workload was:
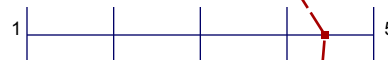
1 |————■———————| 5

n=38
av.=2.61

8. COMMUNICATION AND RESOURCES

8.1) the opportunities to interact with other students in the class?

1 |—————————■——| 5

n=32
av.=3.97

8.2) the opportunities to interact with the professor in this course?

1 |———————————■——| 5

n=32
av.=4.44

8.3) the promptness of the feedback that you received in this course?
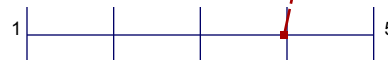
1 |——————————■——| 5

n=32
av.=4.38

8.4) the technology support required in this course?

1 |——————————■——| 5

n=32
av.=4.13

8.5) the opportunities to access library resources and library support for this course?

1 |—————————■——| 5

n=31
av.=3.97

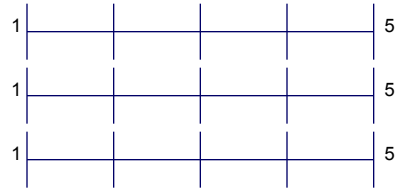## 9. MISCELLANEOUS INSTRUCTOR QUESTIONS

9.1) Miscellaneous #1 (*)

1 |———————————| 5

n=0

9.2) Miscellaneous #2 (*)

1 |———————————| 5

n=0

9.3) Miscellaneous #3 (*)   1 |——————|——————|——————| 5   n=0
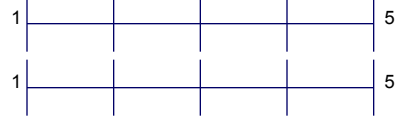
9.4) Miscellaneous #4 (*)   1 |——————|——————|——————| 5   n=0
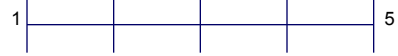
9.5) Miscellaneous #5 (*)   1 |——————|——————|——————| 5   n=0

(*) Note: If the number of responses to a question is too low the evaluation will not be displayed in the profile line.

Profile

INSTRUCTOR EVALUATION (Part I) (Scale width: 5)	av.=4.56
INSTRUCTOR OVERALL (Scale width: 5)	av.=4.37
STUDENT OUTCOME (PART II) (Scale width: 5)	av.=3.65
OVERALL STUDENT OUTCOME (Scale width: 5)	av.=3.57
COURSE EVALUATION (Part III) (Scale width: 5)	av.=4.06
OVERALL COURSE EVALUATION (PART IV) (Scale width: 5)	av.=3.87
COURSE EVALUATION (PART V) (Scale width: 5)	av.=2.54
COMMUNICATION AND RESOURCES (Scale width: 5)	av.=4.18

7. COURSE EVALUATION (PART V)

7.3) Please comment on what you feel are the positive and negative aspects of your instructor and his/her teaching outlook:

• The instructor's passion for the material is evident and really adds to the course

The textbook did not relate to the lectures in class. The homework and tests were very difficult and it was hard to do/study for without a book. The lectures did not seem relevent to each other. It could have been better laid out.

Prof Peña does a really good job when it comes to making sure a student understands the material. He gave plenty of office hours and did not mind meeting outside of those hours. Nothing negative could be said about him. He could have give more concrete examples in class.

The instructor cares very much about students.
He tends to explain in too much detail too fast and the point gets lost.

He is really enthusiastic and teaches with passion. I really don't have any substantial complaints except that unless I sit in the front row it's hard to hear him because he doesn't talk very loud.

- yelled at student for 5 minutes for having phone out (very awkw
- very helpful and always willing to help
- enjoys material and knows a lot

He's a passionate guy but also can bully students

I wish that sometimes the lectures ~~xxx~~ that were online were also shown in class. I also wish we had to use the book more so that I knew what to look back on if I had any questions.

He clearly enjoys the subjects and really wants students to learn it. It was hard to learn from the powerpoints (but they weren't used that often).

He made the class fun by telling jokes. I always looked forward to coming to class.

This course was very difficult. Even now at the end I do not feel like I have a grasp on the concepts. The pace was to fast. Professor Pena is a great professor but ~~this~~ he makes things very complicated.

He is excited about stat & math, He loves to help students and available for questions

good atmosphere
not really applied to real world

A lot of proof very little examples and Con create examples. Also the book was utterly useless

He makes the students feel comfortable to ask any questions that they may have. The advice I would give is to do problems in class that relate to the problem sets because they were confusing at times

The instructor kept class interesting with his jokes. He also explained the material well. Not knowing the weights for parts of different assignments was frustrating.

He is a great professor - is clearly passionate about statistics & wants his students to excel

Peña is a very pleasant professor & really wants us to learn the material but it was a lot of derivations & not enough examples.

Too much theory and not enough application. Hard to decipher formulas.

I think he teaches good. But as an international student I really cannot understand & him sometimes because of his accent. I try the whole semester but I still can't. I have to

Was very happy and positive while teaching. Could tell he really cares about the material.
Sometimes class was monotonous.

Enthusiastic about the material.

A great teacher with a great philosophy towards teaching. You get out his courses what you put in.

He is a very passionate teacher and cares about the well-being of the students

He's very enthusiastic about his subject (which is a good thing).

Dr. Peña was always available to answer questions, posted solutions/explanations on Blackboard, and is truly passionate about Statistics!

He was a great professor. One of the best professors I've had in my 5th semester of college. Loves the subject and has a passion for teaching it to his students. He also cares for his students.

- one of the best math professors ever
- makes somewhat dense material rather simplistic and easy to understand

7.4) Comment on what you feel are the positive and negative aspects of this course:

• The material can be overwhelming at times
- I would recommend guiding students to supplementary materials such as MIT's web series

The course gives a student a good amount of background information for probability. I like that there was a big emphasis on proofs in this course.

I felt like there were things taught in class that were not adequately covered in the book, so independent study was hard.

Class was interesting, frustrating, and the workload was harder than expected

It was an overall solid course, but a bit computational for my taste.

book wasn't useful at all (waste of money)

Probability is a generally useful subject to know for math/sci majors. Lots of HW though

I was confused w/ R a lot and was not sure what kind of commands I was supposed to be using a lot of the time. It was especially frustrating when I was trying to use it to do the homework.

very positive

Book was not useful.

Homework was extremely hard but prepared you for the exams.

good

This course is interesting because I get to learn about different distributions and their properties that I would have never learned about in a lower level stat

The homework took ≈ 8-10 hours to complete

This is true

~~Actu~~ This course is a very interesting introduction to how probability and statistics work

I wish it was more application based and fewer proofs

Positives - Greater Knowledge of Calculus - based Probability

Good course. I feel I learned a lot coming out of the class.