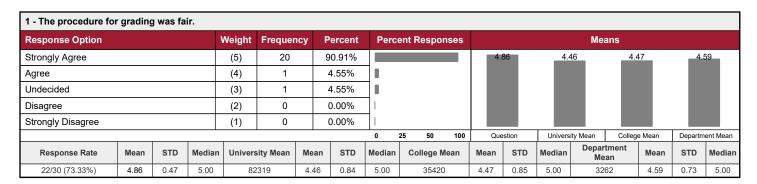


**Course:** PY-211-008: Elem Statistical Methods



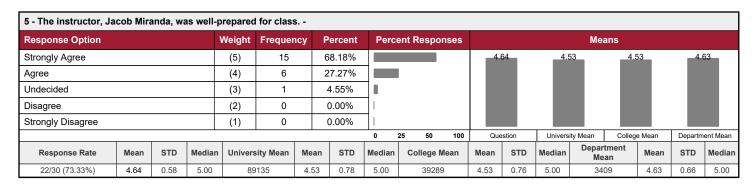
| 2 - The course was a | valuable | e experi | ence.  |         |           |      |         |        |            |     |      |        |         |             |        |        |         |          |
|----------------------|----------|----------|--------|---------|-----------|------|---------|--------|------------|-----|------|--------|---------|-------------|--------|--------|---------|----------|
| Response Option      |          |          | ,      | Weight  | Frequen   | су Г | Percent | Perc   | ent Respon | ses |      |        |         | Mea         | ans    |        |         |          |
| Strongly Agree       |          |          |        | (5)     | 16        |      | 72.73%  |        |            |     | _4.  | 64     | 4.3     | 32          | 4.2    | 29     | 4.      | 46       |
| Agree                |          |          |        | (4)     | 4         |      | 18.18%  |        |            |     |      |        |         |             |        |        |         |          |
| Undecided            |          |          |        | (3)     | 2         |      | 9.09%   |        |            |     |      |        |         |             |        |        |         |          |
| Disagree             |          |          |        | (2)     | 0         |      | 0.00%   |        |            |     |      |        |         |             |        |        |         |          |
| Strongly Disagree    |          |          |        | (1)     | 0         |      | 0.00%   | 1      |            |     |      |        |         |             |        |        |         |          |
|                      |          |          |        |         |           |      |         | 0      | 25 50      | 100 | Que  | estion | Univers | ity Mean    | Colleg | e Mean | Departm | ent Mean |
| Response Rate        | Mean     | STD      | Median | Univers | sity Mean | Mean | STD     | Median | College M  | ean | Mean | STD    | Median  | Depar<br>Me |        | Mean   | STD     | Median   |
| 22/30 (73.33%)       | 4.64     | 0.66     | 5.00   | 82      | 162       | 4.32 | 0.95    | 5.00   | 35362      |     | 4.29 | 0.98   | 5.00    | 32          | 62     | 4.46   | 0.81    | 5.00     |

| 3 - The instructor, Ja | COD WIIF        | inda, wa | as an em | ective c | ommunic  | ator  |         |        |         |         |    |      |       |         |          |             |        |         |          |
|------------------------|-----------------|----------|----------|----------|----------|-------|---------|--------|---------|---------|----|------|-------|---------|----------|-------------|--------|---------|----------|
| Response Option        |                 |          | 1        | Weight   | Frequer  | icy l | Percent | Perce  | ent Res | sponse  | s  |      |       |         | Me       | ans         |        |         |          |
| Strongly Agree         |                 |          |          | (5)      | 17       |       | 77.27%  |        |         |         |    | 4.6  | 88    | 4.4     | 40       | 4.4         | 10     | 4.      | 53       |
| Agree                  |                 |          |          |          |          |       | 13.64%  |        |         |         |    |      |       |         |          |             |        |         |          |
| Undecided              | ndecided        |          |          |          | 2        |       | 9.09%   |        |         |         |    |      |       |         |          |             |        |         |          |
| Disagree               |                 |          |          |          | 0        |       | 0.00%   | ]      |         |         |    |      |       |         |          |             |        |         |          |
| Strongly Disagree      |                 |          |          | (1)      | 0        |       | 0.00%   | 1      |         |         |    |      |       |         |          |             |        |         |          |
|                        | Tongry Disagree |          |          |          |          | •     |         | 0      | 25      | 50 1    | 00 | Que  | stion | Univers | ity Mean | Colleg      | e Mean | Departm | ent Mean |
| Response Rate          | Mean            | STD      | Median   | Univers  | ity Mean | Mean  | STD     | Median | Colle   | ge Mear | 1  | Mean | STD   | Median  |          | tment<br>an | Mean   | STD     | Media    |
| 22/30 (73.33%)         | 4.68            | 0.65     | 5.00     | 89       | 196      | 4.40  | 0.94    | 5.00   | 3       | 9322    | T  | 4.40 | 0.92  | 5.00    | 34       | .08         | 4.53   | 0.80    | 5.00     |

| 4 - The instructor, Ja | cob Mira         | anda, wa | as acces | sible to | students  | s     |         |        |           |      |      |       |         |             |             |        |         |          |
|------------------------|------------------|----------|----------|----------|-----------|-------|---------|--------|-----------|------|------|-------|---------|-------------|-------------|--------|---------|----------|
| Response Option        |                  |          | ,        | Weight   | Frequer   | псу Г | Percent | Perc   | ent Respo | nses |      |       |         | Me          | ans         |        |         |          |
| Strongly Agree         |                  |          |          | (5)      | 19        |       | 86.36%  |        |           |      | 4.7  | 77    | 4.4     | 46          | 4.4         | 15     | 4.5     | 56       |
| Agree                  |                  |          |          |          |           |       | 4.55%   |        |           |      |      |       |         |             |             |        |         |          |
| Undecided              | ecided           |          |          |          | 2         |       | 9.09%   |        |           |      |      |       |         |             |             |        |         |          |
| Disagree               |                  |          |          |          | 0         |       | 0.00%   | 1      |           |      |      |       |         |             |             |        |         |          |
| Strongly Disagree      |                  |          |          | (1)      | 0         |       | 0.00%   | 1      |           |      |      |       |         |             |             |        |         |          |
|                        | nigiy bisagree ( |          |          |          | •         |       |         | 0      | 25 50     | 100  | Que  | stion | Univers | ity Mean    | Colleg      | e Mean | Departm | ent Mean |
| Response Rate          | Mean             | STD      | Median   | Univers  | sity Mean | Mean  | STD     | Median | College N | lean | Mean | STD   | Median  | Depar<br>Me | tment<br>an | Mean   | STD     | Median   |
| 22/30 (73.33%)         | 4.77             | 0.61     | 5.00     | 89       | 154       | 4.46  | 0.84    | 5.00   | 39318     | 3    | 4.45 | 0.84  | 5.00    | 34          | 09          | 4.56   | 0.76    | 5.00     |



**Course:** PY-211-008: Elem Statistical Methods



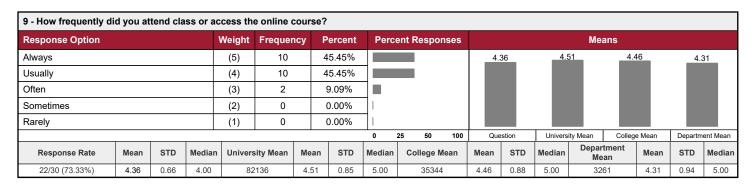
| 6 - What grade do yo | u expec | t to rece | ive in th | is cour | se?       |      |         |        |               |      |        |         |          |             |        |         |          |
|----------------------|---------|-----------|-----------|---------|-----------|------|---------|--------|---------------|------|--------|---------|----------|-------------|--------|---------|----------|
| Response Option      |         |           | 1         | Neight  | Frequen   | cy F | Percent | Perce  | ent Responses |      |        |         | Ме       | ans         |        |         |          |
| Α                    |         |           |           | (6)     | 21        | í    | 95.45%  |        |               | 5.   | 91     | 5.5     | 51       | 5.          | 51     | 5.1     | 31       |
| В                    |         |           |           | (5)     | 0         |      | 0.00%   | 1      |               |      |        |         |          |             |        |         |          |
| С                    |         |           |           | (4)     | 1         |      | 4.55%   |        |               |      |        |         |          |             |        |         |          |
| D                    |         |           |           | (3)     | 0         |      | 0.00%   |        |               |      |        |         |          |             |        |         |          |
| F                    |         |           |           | (2)     | 0         |      | 0.00%   |        |               |      |        |         |          |             |        |         |          |
| Other                |         |           |           | (1)     | 0         |      | 0.00%   | ]      |               |      |        |         |          |             |        |         |          |
|                      |         |           |           |         |           |      |         | 0      | 25 50 100     | Que  | estion | Univers | ity Mean | Colleg      | e Mean | Departm | ent Mean |
| Response Rate        | Mean    | STD       | Median    | Univers | sity Mean | Mean | STD     | Median | College Mean  | Mean | STD    | Median  |          | tment<br>an | Mean   | STD     | Median   |
| 22/30 (73.33%)       | 5.91    | 0.43      | 6.00      | 82      | 2070      | 5.51 | 0.81    | 6.00   | 35299         | 5.51 | 0.84   | 6.00    | 32       | 53          | 5.61   | 0.77    | 6.00     |

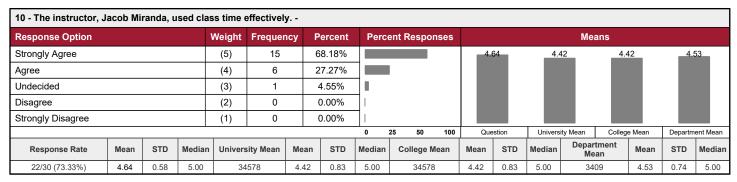
| 7 - How would you ra | te this c | ourse? |        |         |           |       |         |        |         |         |      |        |         |          |             |        |         |          |
|----------------------|-----------|--------|--------|---------|-----------|-------|---------|--------|---------|---------|------|--------|---------|----------|-------------|--------|---------|----------|
| Response Option      |           |        | 1      | Weight  | Frequer   | ncy F | Percent | Perce  | ent Res | ponses  |      |        |         | Ме       | ans         |        |         |          |
| Excellent            |           |        |        | (5)     | 14        | (     | 63.64%  |        |         | 1       | 4.   | 45     | 4.      | 11       | 4.          | 12     | 4.2     | 25       |
| Above Average        |           |        |        |         | 5         | -   : | 22.73%  |        |         |         |      |        |         |          |             |        |         |          |
| Average              |           |        |        |         | 2         |       | 9.09%   |        |         |         |      |        |         |          |             |        |         |          |
| Below Average        |           |        |        |         | 1         |       | 4.55%   |        |         |         |      |        |         |          |             |        |         |          |
| Failure              |           |        |        | (1)     | 0         |       | 0.00%   | 1      |         |         |      |        |         |          |             |        |         |          |
|                      | luie      |        |        |         |           | •     |         | 0      | 25 5    | 0 100   | Que  | estion | Univers | ity Mean | Colleg      | e Mean | Departm | ent Mean |
| Response Rate        | Mean      | STD    | Median | Univers | sity Mean | Mean  | STD     | Median | Colleg  | ge Mean | Mean | STD    | Median  |          | tment<br>an | Mean   | STD     | Median   |
| 22/30 (73.33%)       | 4.45      | 0.86   | 5.00   | 82      | 110       | 4.11  | 1.01    | 4.00   | 35      | 345     | 4.12 | 1.01   | 4.00    | 32       | :57         | 4.25   | 0.90    | 5.00     |

| 8 - How would you ra | te the in | structo | r, Jacob | Miranda | a, of this o | course' | ? -     |        |           |      |      |       |         |             |        |        |         |          |
|----------------------|-----------|---------|----------|---------|--------------|---------|---------|--------|-----------|------|------|-------|---------|-------------|--------|--------|---------|----------|
| Response Option      |           |         | 1        | Weight  | Frequen      | cy F    | Percent | Perc   | ent Respo | nses |      |       |         | Me          | ans    |        |         |          |
| Excellent            |           |         |          | (5)     | 16           | 7       | 72.73%  |        |           |      | 4.6  | 64    | 4.3     | 32          | 4.3    | 32     | 4.4     | 44       |
| Above Average        |           |         |          |         | 4            |         | 18.18%  |        |           |      |      |       |         |             |        |        |         |          |
| Average              | /erage    |         |          |         | 2            |         | 9.09%   |        |           |      |      |       |         |             |        |        |         |          |
| Below Average        |           |         |          | (2)     | 0            |         | 0.00%   | ٦١     |           |      |      |       |         |             |        |        |         |          |
| Failure              |           |         |          | (1)     | 0            |         | 0.00%   | ]      |           |      |      |       |         |             |        |        |         |          |
|                      |           |         | •        |         |              | ·       |         | 0      | 25 50     | 100  | Que  | stion | Univers | ity Mean    | Colleg | e Mean | Departm | ent Mean |
| Response Rate        | Mean      | STD     | Median   | Univers | sity Mean    | Mean    | STD     | Median | College   | Mean | Mean | STD   | Median  | Depar<br>Me |        | Mean   | STD     | Median   |
| 22/30 (73.33%)       | 4.64      | 0.66    | 5.00     | 89      | 140          | 4.32    | 0.95    | 5.00   | 3927      | 1    | 4.32 | 0.95  | 5.00    | 34          | 06     | 4.44   | 0.84    | 5.00     |



Course: PY-211-008: Elem Statistical Methods



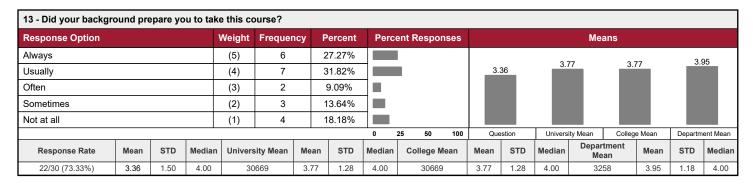


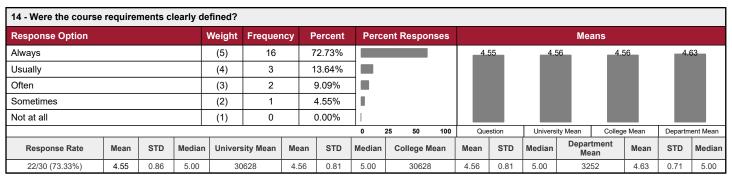
| 11 - The instructor, J | lacob Mi | randa, t | reated y | ou with | respect   |      |         |        |            |     |      |       |         |             |        |        |         |          |
|------------------------|----------|----------|----------|---------|-----------|------|---------|--------|------------|-----|------|-------|---------|-------------|--------|--------|---------|----------|
| Response Option        |          |          | 1        | Weight  | Frequen   | cy F | Percent | Perce  | ent Respon | ses |      |       |         | Me          | ans    |        |         |          |
| Strongly Agree         |          |          |          | (5)     | 18        | 8    | 81.82%  |        |            |     | 4.8  | 32    | 4.6     | 52          | _4.    | 62     | 4.      | 77       |
| Agree                  |          |          |          |         | 4         |      | 18.18%  |        |            |     |      |       |         |             |        |        |         |          |
| Undecided              |          |          |          |         | 0         |      | 0.00%   | 1      |            |     |      |       |         |             |        |        |         |          |
| Disagree               |          |          |          | (2)     | 0         |      | 0.00%   | 1      |            |     |      |       |         |             |        |        |         |          |
| Strongly Disagree      |          |          |          | (1)     | 0         |      | 0.00%   | 1      |            |     |      |       |         |             |        |        |         |          |
|                        |          |          | ,        |         |           |      |         | 0 :    | 25 50      | 100 | Que  | stion | Univers | ty Mean     | Colleg | e Mean | Departm | ent Mean |
| Response Rate          | Mean     | STD      | Median   | Univers | sity Mean | Mean | STD     | Median | College M  | ean | Mean | STD   | Median  | Depar<br>Me |        | Mean   | STD     | Median   |
| 22/30 (73.33%)         | 4.82     | 0.39     | 5.00     | 34      | 593       | 4.62 | 0.69    | 5.00   | 34593      |     | 4.62 | 0.69  | 5.00    | 34          | 13     | 4.77   | 0.51    | 5.00     |

| 12 - Did you come to | class pr | epared | by havir | ng comp | leted ass | ignmeı | nts (read | ings, pr | oblems, projec | ts, etc.)? | •      |         |          |             |        |         |          |
|----------------------|----------|--------|----------|---------|-----------|--------|-----------|----------|----------------|------------|--------|---------|----------|-------------|--------|---------|----------|
| Response Option      |          |        | ١        | Neight  | Frequen   | cy F   | Percent   | Perce    | ent Responses  |            |        |         | Me       | ans         |        |         |          |
| Always               |          |        |          | (5)     | 17        | 7      | 77.27%    |          |                | _4.        | 73     | 4.4     | 49       | 4.4         | 49     | 4.5     | 52       |
| Usually              |          |        |          |         | 4         | -      | 18.18%    |          |                |            |        |         |          |             |        |         |          |
| Often                | <b>.</b> |        |          | (3)     | 1         |        | 4.55%     |          |                |            |        |         |          |             |        |         |          |
| Sometimes            |          |        |          | (2)     | 0         |        | 0.00%     | 1        |                |            |        |         |          |             |        |         |          |
| Rarely               |          |        |          | (1)     | 0         |        | 0.00%     | 1        |                |            |        |         |          |             |        |         |          |
|                      | erly (   |        |          |         |           | · ·    |           | 0        | 25 50 10       | ) Qu       | estion | Univers | ity Mean | Colleg      | e Mean | Departm | ent Mean |
| Response Rate        | Mean     | STD    | Median   | Univers | ity Mean  | Mean   | STD       | Median   | College Mean   | Mean       | STD    | Median  |          | tment<br>an | Mean   | STD     | Median   |
| 22/30 (73.33%)       | 4.73     | 0.55   | 5.00     | 30      | 643       | 4.49   | 0.79      | 5.00     | 30643          | 4.49       | 0.79   | 5.00    | 32       | 58          | 4.52   | 0.75    | 5.00     |



Course: PY-211-008: Elem Statistical Methods



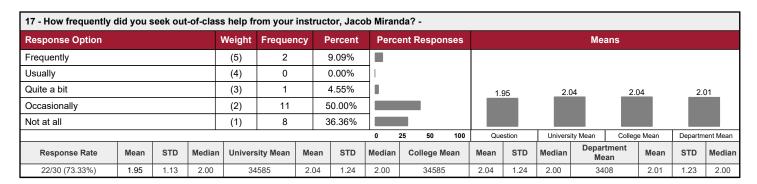


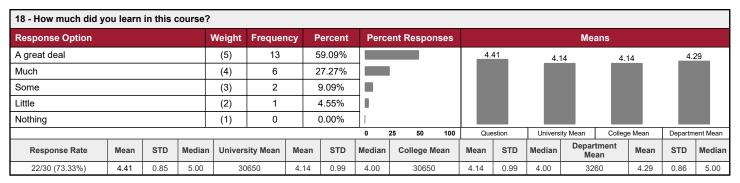
| 15 - Were the reading | materia | ıls/text ı | useful to | the cou | urse?     |       |         |        |               |      |        |         |             |        |         |         |          |
|-----------------------|---------|------------|-----------|---------|-----------|-------|---------|--------|---------------|------|--------|---------|-------------|--------|---------|---------|----------|
| Response Option       |         |            | ,         | Weight  | Frequen   | ісу І | Percent | Perce  | ent Responses |      |        |         | Mea         | ans    |         |         |          |
| Always                |         |            |           | (5)     | 6         | :     | 27.27%  |        |               |      |        | 4.      | 17          | 4.     | 17      | 4.:     | 21       |
| Usually               |         |            |           |         | 7         |       | 31.82%  |        |               | 3.   | 59     |         |             |        |         |         |          |
| Often                 |         |            |           | (3)     | 3         |       | 13.64%  |        |               |      |        |         |             |        |         |         |          |
| Sometimes             |         |            |           | (2)     | 6         |       | 27.27%  |        | l             |      |        |         |             |        |         |         |          |
| Not at all            |         |            |           | (1)     | 0         |       | 0.00%   | 1      |               |      |        |         |             |        |         |         |          |
|                       |         |            |           |         |           | •     |         | 0 :    | 25 50 100     | Que  | estion | Univers | ity Mean    | Colleg | je Mean | Departm | ent Mean |
| Response Rate         | Mean    | STD        | Median    | Univers | sity Mean | Mean  | STD     | Median | College Mean  | Mean | STD    | Median  | Depar<br>Me |        | Mean    | STD     | Median   |
| 22/30 (73.33%)        | 3.59    | 1.18       | 4.00      | 30      | 0615      | 4.17  | 1.14    | 5.00   | 30615         | 4.17 | 1.14   | 5.00    | 320         | 60     | 4.21    | 1.10    | 5.00     |

| 16 - Were the tests a | nd/or as: | signmer | nts appro | opriate 1 | or the co | urse m | aterials? | ,      |             |     |      |       |         |          |             |        |         |          |
|-----------------------|-----------|---------|-----------|-----------|-----------|--------|-----------|--------|-------------|-----|------|-------|---------|----------|-------------|--------|---------|----------|
| Response Option       |           |         | ١         | Neight    | Frequen   | cy F   | Percent   | Perce  | ent Respons | es  |      |       |         | Me       | ans         |        |         |          |
| Always                |           |         |           | (5)       | 18        | 8      | 31.82%    |        |             |     | 4.6  | 58    | 4.4     | 44       | 4.4         | 14     | 4.5     | 58       |
| Usually               |           |         |           |           | 2         |        | 9.09%     |        |             |     |      |       |         |          |             |        |         |          |
| Often                 |           |         |           |           | 1         |        | 4.55%     |        |             |     |      |       |         |          |             |        |         |          |
| Sometimes             |           |         |           | (2)       | 1         |        | 4.55%     |        |             |     |      |       |         |          |             |        |         |          |
| Not at all            |           |         |           | (1)       | 0         |        | 0.00%     | 1      |             |     |      |       |         |          |             |        |         |          |
|                       | ot at all |         |           |           |           | •      |           | 0      | 25 50       | 100 | Que  | stion | Univers | ity Mean | Colleg      | e Mean | Departm | ent Mean |
| Response Rate         | Mean      | STD     | Median    | Univers   | ity Mean  | Mean   | STD       | Median | College Mea | ın  | Mean | STD   | Median  |          | tment<br>an | Mean   | STD     | Median   |
| 22/30 (73.33%)        | 4.68      | 0.78    | 5.00      | 30        | 632       | 4.44   | 0.95      | 5.00   | 30632       |     | 4.44 | 0.95  | 5.00    | 32       | 52          | 4.58   | 0.78    | 5.00     |



Course: PY-211-008: Elem Statistical Methods





| 19 - Was this a requir | ed cour | se for y | ou?    |                 |         |      |         |        |              |     |      |       |         |             |             |        |         |          |
|------------------------|---------|----------|--------|-----------------|---------|------|---------|--------|--------------|-----|------|-------|---------|-------------|-------------|--------|---------|----------|
| Response Option        |         |          | ١      | Weight          | Frequer | ісу  | Percent | Perc   | ent Response | es  |      |       |         | Me          | ans         |        |         |          |
| Yes                    |         |          |        | (2)             | 21      |      | 95.45%  |        |              |     | 1.9  | 95    | 1.      | 72          | 1.7         | 72     | 1.      | 75       |
| No                     | )       |          |        |                 |         |      | 4.55%   | ı      |              |     |      |       |         |             |             |        |         |          |
|                        |         |          |        |                 |         |      |         |        |              |     |      |       |         |             |             |        |         |          |
|                        |         |          |        |                 |         |      |         | 0      | 25 50 1      | 100 | Que  | stion | Univers | ity Mean    | Colleg      | e Mean | Departm | ent Mean |
| Response Rate          | Mean    | STD      | Median | University Mean |         | Mean | STD     | Median | College Mea  | n   | Mean | STD   | Median  | Depar<br>Me | tment<br>an | Mean   | STD     | Median   |
| 22/30 (73.33%)         | 1.95    | 0.21     | 2.00   | 30              | 1633    | 1.72 | 0.45    | 2.00   | 30633        |     | 1.72 | 0.45  | 2.00    | 32          | 57          | 1.75   | 0.43    | 2.00     |



Course: PY-211-008: Elem Statistical Methods

Instructor: Jacob Miranda \*
Response Rate: 22/30 (73.33 %)

### 20 - Any additional comments about the instructor, Jacob Miranda. -

#### Response Rate

12/30 (40%)

- I absolutely loved him! He taught us important information, and taught it in a way where class was truly about learning, not just trying to get grades. I'm so glad I took him for stats.
- Prof. Miranda did an incredible job of making this class the best that it could be. The material was complex, yet I always understood what was taught because of prof. Miranda's teaching. H was thorough and truly cared about making sure that we understood the material.
- He is a great instructor. However, I think that the pacing and style of the course could have been a little better. I feel like we spent more time than we should have on earlier topics which meant we did not get to spend a lot of time on other topics towards the end of the course. I also think that a stronger emphasis on giving practice problems and perhaps more strictly graded assignments would have helped ensure that the material taught was better retained. Other than that, I thought it was a great course.
- I enjoyed having Jacob Miranda as an instructor and feel that he really valued his student's experience in his class. He had a different approach to teaching statistics and I really enjoyed the way he taught it.
- · Awesome Instructor who really cared about his students, I liked how he continuously made an effort to keep his students engages and participating.
- Did a great job making sure students knew what was happening and was always willing to answer questions to the best of his abilities. He always made sure students could contact him for any help.
- I feel like Jacob was a great instructor. I could tell he genuinely cared about if we understood the material or not.
- Jacob was a great instructor to me, because he cared about what we learned and wanted to make sure we really got things nailed down. His class style was very unconventional, however, I still learned so much about statistics through this course. He is very down to earth and even offers personal time with students if you need help learning something that might not have been the most clear in class.
- I know the course makes reference to politics and groups of people for statistical purposes some throughout the course. However, I would appreciate if you kept a little more of your personal views to yourself. I would also be more aware of labeling or describing certain groups of people in a way that could come off negatively or not as valuable as other groups of people. While this may not have been intentional, it would just be something to keep in mind when teaching the course in the future.
- I loved Mr. Miranda and his class. I would recommend him for any student at UA who needs to take this class, or needs an elective with a good teacher that makes things easy to understand
- I loved this class even though I absolutely hated statistics in high school & it is definitely because of Jacob Miranda. I really appreciated how he taught more about WHY we use statistics & metascience rather than just making us blindly do random mathematical equations. He was very communicative and passionate about this course which was much appreciated. I also really like his grading & teaching style. Overall, great experience & I learned a lot, not just about stats, but about the world and science in general.
- I enjoyed his approach to learning and teaching us about statistics!

## 21 - Any additional comments about the course.

### Response Rate

4/30 (13.33%)

- I learned a lot through this class and feel that I truly benefitted from this semester
- I feel like class time could have been used differently some days. There were definitely days we could have finished early, but we went over on time. That could be difficult for students who have a class to be at at 2pm. Also, I enjoyed that we had a lot of review, but at some point maybe after two days of covering it if people did not understand, they should seek out extra help. It made it difficult to focus after already understanding content and having to listen to the same exact thing over and over. I feel like Jacob made himself accessible enough to where it should not have been intimidating to ask for help.
- This was my favorite class this semester.
- N/A