

STUDENT SATISFACTION SURVEY REPORT

Spring 2013

ROGERS STATE UNIVERSITY
Claremore, Oklahoma

Office of Accountability and Academics



Student Satisfaction Survey Spring 2013

Executive Summary

A survey of RSU student satisfaction was conducted in spring 2013 during the months of April and May. All students enrolled during spring 2013 were emailed an invitation to participate in this online survey. Participation was voluntary, the survey was implemented online, and respondents were ensured confidentiality.

The survey was developed by RSU psychology faculty based on historical feedback from RSU 2008 - 2012 ACT Student Satisfaction Survey results. This paralleled a survey of faculty, staff and administrator satisfaction of RSU operations implemented during the same time period.

Respondents were asked to rate the importance of and satisfaction for RSU operations and services using a five-point, Likert-type scale consisting of 42 items. A power analysis was conducted ($1 - \beta = .8$) resulting in a recommended sample size of 353 students with a 5% margin of error. A total of 523 students completed the majority of the survey and 462 completed the full survey. Fifty percent of RSU students were bachelor degree-seeking. They were significantly more likely (82%) to respond than associate degree-seeking students (18%). Table 1 presents respondents by degree type. Additionally, seniors represented the highest classification of respondents (34%) with freshmen representing the lowest classification of respondents (19%). This compares to a breakdown of 21% of seniors in the student body and 36% of freshmen in the student body. Table 2 presents classification of student respondents. Two-thirds (68%) of respondents were full-time in spring 2013, and this parallels that of the student body (66%).

Descriptive statistics were tabulated for each item's importance and satisfaction ratings, and these are displayed in Table 4 below. Students rated all 42 survey items above the scale midpoint of 2.0. Items with the highest mean ratings were:

- Q5: Attitude of faculty toward students
- Q1: Academic calendar
- Q14: Class size
- Q29: Personal security/safety
- Q33: Racial harmony
- Q6: Availability of computers when you need them
- Q32: Quality of instruction in major field
- Q18: Course content in major field
- Q15: Classroom facilities
- Q16: Computer labs

Although students expressed relative satisfaction with all survey items, 15 items resulted in a gap between importance and satisfaction greater than 0.5 point. These items follow in gap order, and Figure 1 graphically presents these results.

- Q9: Availability of courses you want at times you can take them
- Q42: Variety of courses offered
- Q31: Purposes for which student activity fees are used
- Q30: Preparation you are receiving for future occupation
- Q41: Value of the information provided by your advisor
- Q32: Quality of instruction in major field
- Q18: Course content in your major field
- Q7: Availability of financial information prior to enrolling
- Q3: Accuracy of information before enrolling
- Q10: Availability of your advisor

Survey responses were analyzed for disparity between bachelor degree-seeking students and associate degree-seeking students. Independent t tests were conducted at the 95% confidence level. Significant differences between mean importance and satisfaction scores (higher importance than satisfaction) resulted for five of 42 items. Associate degree-seeking students were more likely to experience a greater gap for academic probation and suspension policies, general admissions procedures, and personal safety (although still perceived as positive). Bachelor degree-seeking students were likely to experience a greater gap for availability of courses at times they want them and variety of courses offered. Results disaggregated by degree type appear in Table 5 with the significant items bulleted below. Items with higher disparity for associate degree-seeking students are highlighted in gray. Results of independent t tests appear in Table 6.

- Q2: Importance of Academic Probation and suspension policies
- Q9: Availability of the courses you want at times you can take them
- Q21: General admissions procedures
- Q29: Personal security/Safety at this campus
- Q42: Variety of courses offered at this college

In conclusion, 462 students responded to a survey of student satisfaction of RSU operations and services during spring 2013. Bachelor degree-seeking students were more likely to respond with seniors representing the largest respondent classification. Results can be considered generalizable at the 95% confidence level.

Results demonstrate student satisfaction for all 42 items, with all mean satisfaction ratings above the midpoint. Students expressed strongest satisfaction with attitudes of faculty towards students, the academic calendar, class size, personal safety, racial harmony, and availability of computers. Five gaps between importance and satisfaction were identified, with three of them being more important for associate degree-seeking students than bachelor degree-seeking students. These gaps concerned general admission policies and academic probation and suspension. Details of these findings follow in Tables 1 through 6.

Table 1: Degree Type

| Degree Type | Number | Percent |
|-------------|--------|---------|
| Bachelors | 385 | 82% |
| Associate | 85 | 18% |

Table 2: Classification

| Degree Type | Number | Percent |
|-------------|--------|---------|
| Freshman | 88 | 19% |
| Sophomore | 110 | 23% |
| Junior | 112 | 24% |
| Senior | 161 | 34% |

Table 3: Full-time/Part-time Status

| Status | Number | Percent |
|-----------|--------|---------|
| Full-time | 318 | 68% |
| Part-time | 152 | 32% |

Table 4: Descriptive Statistics for Survey Items

(Items with higher satisfaction and higher importance are highlighted in medium green. Items with higher satisfaction and lower importance are highlighted in light green.)

| Item # | Item Description | N | Mean Importance | Std. Dev. | N | Mean Satisfaction | Std. Dev. |
|--------|---|-----|-----------------|-----------|-----|-------------------|-----------|
| Q1 | Academic calendar | 523 | 3.04 | .967 | 462 | 2.96 | .974 |
| Q2 | Academic probation and suspension policies | 518 | 2.26 | 1.265 | 459 | 2.64 | .971 |
| Q3 | Accuracy of information before enrolling | 521 | 3.41 | .829 | 461 | 2.62 | 1.139 |
| Q4 | Attitude of the non-teaching staff towards students | 521 | 3.23 | .903 | 462 | 2.73 | 1.124 |
| Q5 | Attitude of faculty toward students | 520 | 3.71 | .546 | 461 | 2.97 | 1.061 |
| Q6 | Availability of computers when you | 521 | 3.27 | 1.089 | 459 | 2.82 | 1.082 |

| Item # | Item Description | N | Mean Importance | Std. Dev. | N | Mean Satisfaction | Std. Dev. |
|--------|---|-----|-----------------|-----------|-----|-------------------|-----------|
| | need them | | | | | | |
| Q7 | Availability of financial information prior to enrolling | 522 | 3.50 | .839 | 461 | 2.61 | 1.140 |
| Q8 | Availability of student housing | 521 | 1.33 | 1.486 | 451 | 2.39 | 1.059 |
| Q9 | Availability of courses you want at times you can take them | 521 | 3.74 | .591 | 460 | 2.19 | 1.331 |
| Q10 | Availability of your advisor | 521 | 3.36 | .871 | 462 | 2.62 | 1.285 |
| Q11 | Billing and fee payment procedures | 521 | 3.10 | 1.001 | 459 | 2.52 | 1.128 |
| Q12 | Campus bookstore | 515 | 2.93 | 1.088 | 454 | 2.43 | 1.203 |
| Q13 | Campus media | 521 | 1.70 | 1.238 | 458 | 2.50 | 1.004 |
| Q14 | Class size | 523 | 2.86 | 1.088 | 462 | 2.94 | .958 |
| Q15 | Classroom facilities | 520 | 3.02 | 1.077 | 461 | 2.78 | 1.007 |
| Q16 | Computer labs | 511 | 3.01 | 1.130 | 455 | 2.78 | 1.048 |
| Q17 | Concern for you as an individual | 518 | 3.42 | .782 | 461 | 2.72 | 1.130 |
| Q18 | Course content in your major field | 520 | 3.70 | .609 | 458 | 2.79 | 1.087 |
| Q19 | Expand athletic facilities | 521 | 1.36 | 1.398 | 456 | 2.19 | 1.106 |
| Q20 | Flexibility to design your own program of study | 523 | 2.96 | 1.072 | 458 | 2.41 | 1.131 |
| Q21 | General admission procedures | 516 | 2.90 | 1.011 | 459 | 2.67 | .973 |
| Q22 | General condition of buildings and grounds | 517 | 3.00 | .972 | 459 | 2.66 | 1.026 |
| Q23 | General registration procedures | 517 | 2.98 | .899 | 458 | 2.66 | 1.025 |
| Q24 | Having athletic teams | 519 | 1.58 | 1.412 | 452 | 2.34 | 1.037 |
| Q25 | Laboratory facilities | 515 | 2.63 | 1.259 | 456 | 2.39 | 1.108 |
| Q26 | Opportunities for personal involvement in | 515 | 2.23 | 1.263 | 453 | 2.48 | 1.017 |

| Item # | Item Description | N | Mean Importance | Std. Dev. | N | Mean Satisfaction | Std. Dev. |
|--------|---|-----|-----------------|-----------|-----|-------------------|-----------|
| | campus activities | | | | | | |
| Q27 | Opportunities for student employment | 513 | 2.47 | 1.376 | 456 | 2.44 | 1.118 |
| Q28 | Out-of-class availability of your instructors | 515 | 3.11 | .933 | 461 | 2.57 | 1.126 |
| Q29 | Personal security/safety | 515 | 3.30 | 1.013 | 457 | 2.91 | .975 |
| Q30 | Preparation you are receiving for future occupation | 516 | 3.66 | .673 | 458 | 2.67 | 1.123 |
| Q31 | Purposes for which student activity fees are used | 518 | 3.22 | .978 | 460 | 2.07 | 1.195 |
| Q32 | Quality of instruction in major field | 519 | 3.76 | .576 | 462 | 2.82 | 1.065 |
| Q33 | Racial harmony | 518 | 2.92 | 1.224 | 458 | 2.90 | .964 |
| Q34 | Religious activities and programs | 519 | 1.97 | 1.418 | 457 | 2.54 | 1.008 |
| Q35 | Residence hall rules and regulations | 519 | 1.63 | 1.455 | 444 | 2.41 | .992 |
| Q36 | Rules governing student conduct | 519 | 2.58 | 1.215 | 457 | 2.62 | .950 |
| Q37 | Student government | 517 | 1.93 | 1.289 | 454 | 2.52 | .971 |
| Q38 | Student union/Community center | 519 | 2.30 | 1.326 | 455 | 2.56 | 1.024 |
| Q39 | Student voice in college policies | 521 | 2.81 | 1.167 | 452 | 2.35 | 1.056 |
| Q40 | Study areas | 518 | 2.92 | 1.166 | 457 | 2.61 | 1.072 |
| Q41 | Value of the information provided by your advisor | 516 | 3.57 | .720 | 459 | 2.62 | 1.224 |
| Q42 | Variety of courses offered | 516 | 3.67 | .645 | 457 | 2.38 | 1.251 |

Figure 1: Scatterplot of Importance vs. Satisfaction Ratings

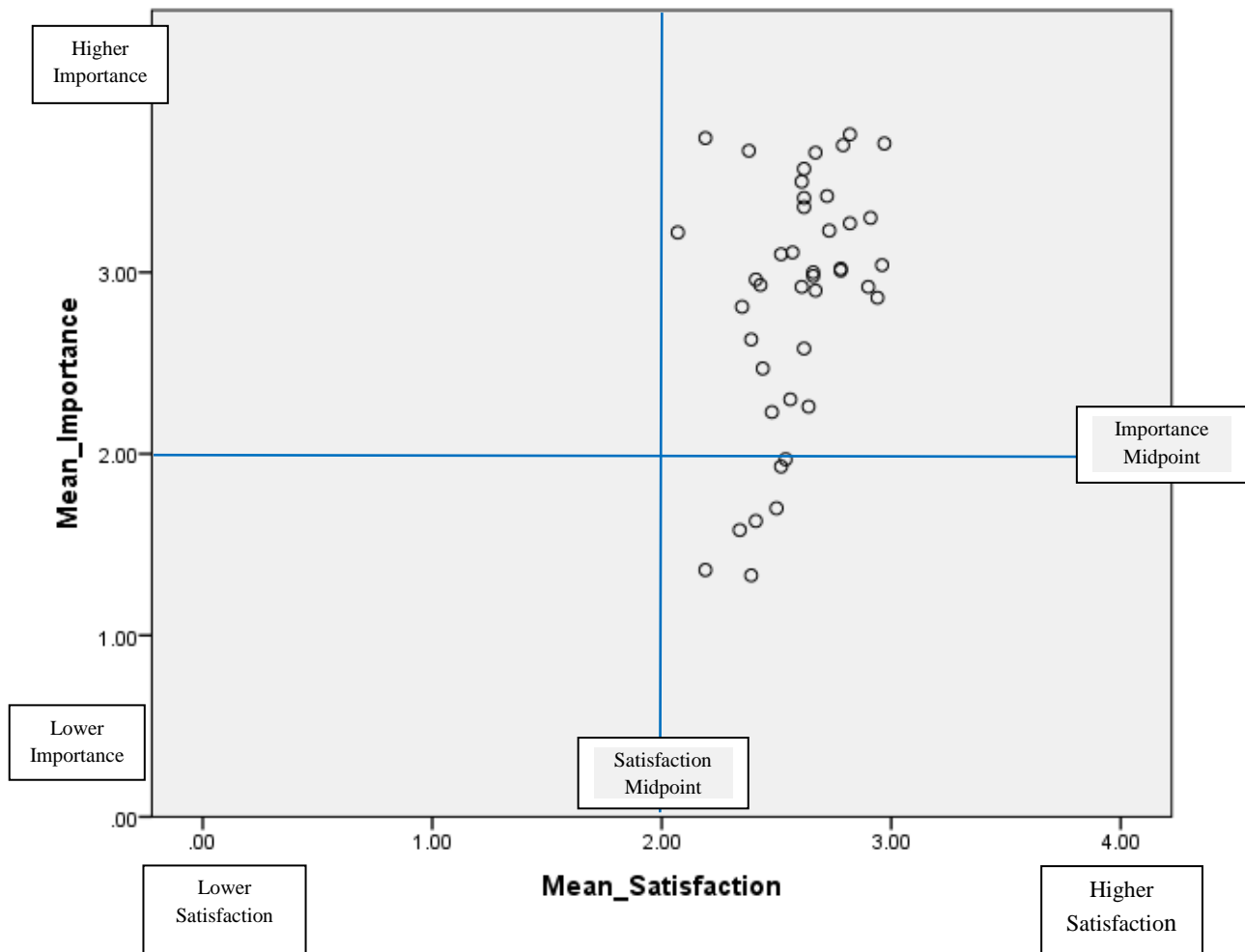


Table 5: Results Disaggregated by Degree Type (Bachelor's V. Associate)

- Q2: Importance of Academic Probation and suspension policies
- Q9: Availability of the courses you want at times you can take them
- Q21: General admissions procedures
- Q29: Personal security/Safety at this campus
- Q42: Variety of courses offered at this college

| ITEM | | | | |
|------------|--|-----------|------------|------------|
| IMPORTANCE | | Associate | Bachelor's | Difference |
| Q1.2 | Importance of Academic Probation and suspension policies | 2.52 | 2.19 | 0.33 |

| | | | | |
|--------------|---|------|------|-------|
| | | | | |
| Q1.9 | Availability of the courses you want at times you can take them | 3.65 | 3.78 | -0.13 |
| Q1.21 | General admissions procedures | 3.12 | 2.85 | 0.27 |
| Q1.29 | Personal security/Safety at this campus | 3.48 | 3.23 | 0.25 |
| Q1.42 | Variety of courses offered at this college | 3.53 | 3.71 | -0.18 |
| SATISFACTION | | | | |
| Q2.16 | Computer labs | 2.56 | 2.83 | -0.27 |
| Q.2.26 | Opportunities for personal involvement in campus activities | 2.32 | 2.24 | 0.08 |

Table 6: Independent t-test Matrix for Degree Type (Bachelor's V. Associate)

Significant differences between bachelor's and associate degree-seeking students are highlighted in yellow. As a note, Equal Variances Assumed significance of t is used when Levene's Test for F is significant. Equal Variances Not Assumed significance of t is used when Levene's Test for F is not significant.

| Independent Samples Test | | | | | | | | | |
|--------------------------|---|------|------------------------------|----|-----------------|-----------------|-----------------------|---|-------|
| | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
| | F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| | | | | | | | | Lower | Upper |

| | | | | | | | | | | |
|------|-----------------------------------|-----------|------|------------|---------|------|-------|------|-------|------|
| Q1.1 | Equal variances assumed | .642 | .423 | -.174 | 467 | .862 | -.020 | .117 | -.250 | .209 |
| | Equal variances not assumed | | | -.163 | 114.507 | .871 | -.020 | .125 | -.267 | .227 |
| Q1.2 | Equal variances assumed | .705 | .401 | 2.151 | 463 | .032 | .327 | .152 | .028 | .626 |
| | Equal variances not assumed | | | 2.116 | 118.286 | .036 | .327 | .155 | .021 | .633 |
| Q1.3 | Equal variances assumed | .847 | .358 | -.169 | 467 | .866 | -.017 | .099 | -.211 | .178 |
| | Equal variances not assumed | | | -.155 | 114.368 | .877 | -.017 | .107 | -.229 | .196 |
| Q1.4 | Equal variances assumed | .084 | .773 | .829 | 466 | .408 | .089 | .108 | -.122 | .301 |
| | Equal variances not assumed | | | .843 | 124.283 | .401 | .089 | .106 | -.120 | .299 |
| Q1.5 | Equal variances assumed | 8.29 1 | .004 | - 1.462 | 465 | .145 | -.092 | .063 | -.217 | .032 |
| | Equal variances not assumed | | | - 1.261 | 108.571 | .210 | -.092 | .073 | -.238 | .053 |
| Q1.6 | Equal variances assumed | 3.52 4 | .061 | 1.268 | 467 | .205 | .168 | .133 | -.092 | .429 |
| | Equal variances not assumed | | | 1.449 | 146.488 | .150 | .168 | .116 | -.061 | .398 |
| Q1.7 | Equal variances assumed | 2.89 5 | .090 | 1.078 | 467 | .281 | .106 | .098 | -.087 | .299 |
| | Equal | | | 1.195 | 137.777 | .234 | .106 | .089 | -.069 | .281 |

| | | | | | | | | | | |
|-------|-----------------------------|--------|------|--------|---------|------|-------|------|-------|------|
| | variances not assumed | | | | | | | | | |
| Q1.8 | Equal variances assumed | 1.178 | .278 | -1.247 | 466 | .213 | -.222 | .178 | -.571 | .128 |
| | Equal variances not assumed | | | -1.259 | 125.352 | .210 | -.222 | .176 | -.570 | .127 |
| Q1.9 | Equal variances assumed | 11.492 | .001 | -1.955 | 466 | .051 | -.131 | .067 | -.263 | .001 |
| | Equal variances not assumed | | | -1.658 | 107.123 | .100 | -.131 | .079 | -.288 | .026 |
| Q1.10 | Equal variances assumed | .648 | .421 | -.739 | 466 | .460 | -.075 | .102 | -.275 | .125 |
| | Equal variances not assumed | | | -.698 | 117.180 | .486 | -.075 | .108 | -.289 | .138 |
| Q1.11 | Equal variances assumed | .544 | .461 | 1.575 | 466 | .116 | .180 | .115 | -.045 | .406 |
| | Equal variances not assumed | | | 1.578 | 124.401 | .117 | .180 | .114 | -.046 | .407 |
| Q1.12 | Equal variances assumed | .074 | .785 | .609 | 461 | .543 | .079 | .130 | -.177 | .336 |
| | Equal variances not assumed | | | .607 | 124.124 | .545 | .079 | .131 | -.180 | .338 |
| Q1.13 | Equal variances assumed | .999 | .318 | -.573 | 466 | .567 | -.084 | .146 | -.372 | .204 |
| | Equal variances not assumed | | | -.548 | 118.463 | .585 | -.084 | .153 | -.388 | .220 |
| Q1.14 | Equal variances | .359 | .550 | .412 | 468 | .681 | .053 | .128 | -.199 | .304 |

| | | | | | | | | | | |
|-------|-----------------------------------|-----------|---------------------------------------|------------|---------|------|-------|------|-------|------|
| | assumed | | | | | | | | | |
| | Equal variances not assumed | | | .418 | 125.712 | .677 | .053 | .126 | -.197 | .302 |
| Q1.15 | Equal variances assumed | .136 | .713 | .905 | 465 | .366 | .116 | .129 | -.136 | .369 |
| | Equal variances not assumed | | | .962 | 130.779 | .338 | .116 | .121 | -.123 | .356 |
| Q1.16 | Equal variances assumed | 4.42 3 | .036 | 1.829 | 457 | .068 | .249 | .136 | -.019 | .517 |
| | Equal variances not assumed | | Must use Equal varian ces | 2.101 | 149.820 | .037 | .249 | .119 | .015 | .484 |
| Q1.17 | Equal variances assumed | .196 | .658 | .939 | 465 | .348 | .086 | .091 | -.094 | .265 |
| | Equal variances not assumed | | | .935 | 123.600 | .352 | .086 | .092 | -.096 | .267 |
| Q1.18 | Equal variances assumed | 7.32 7 | .007 | - 1.465 | 466 | .144 | -.101 | .069 | -.236 | .034 |
| | Equal variances not assumed | | | - 1.268 | 108.810 | .207 | -.101 | .080 | -.259 | .057 |
| Q1.19 | Equal variances assumed | .019 | .892 | -.462 | 466 | .644 | -.077 | .166 | -.402 | .249 |
| | Equal variances not assumed | | | -.461 | 123.746 | .646 | -.077 | .166 | -.406 | .252 |
| Q1.20 | Equal variances assumed | 2.28 8 | .131 | 1.129 | 468 | .259 | .142 | .126 | -.105 | .389 |
| | Equal variances not assumed | | | 1.265 | 142.356 | .208 | .142 | .112 | -.080 | .364 |

| | | | | | | | | | | |
|-------|-----------------------------------|-----------|------|------------|---------|------|-------|------|-------|------|
| Q1.21 | Equal variances assumed | 5.12 3 | .024 | 2.282 | 461 | .023 | .270 | .119 | .038 | .503 |
| | Equal variances not assumed | | | 2.514 | 135.115 | .013 | .270 | .108 | .058 | .483 |
| Q1.22 | Equal variances assumed | .701 | .403 | .328 | 464 | .743 | .038 | .116 | -.190 | .266 |
| | Equal variances not assumed | | | .358 | 135.716 | .721 | .038 | .106 | -.172 | .248 |
| Q1.23 | Equal variances assumed | .008 | .928 | 1.787 | 464 | .075 | .186 | .104 | -.019 | .390 |
| | Equal variances not assumed | | | 1.867 | 130.614 | .064 | .186 | .100 | -.011 | .383 |
| Q1.24 | Equal variances assumed | 1.21 4 | .271 | -.800 | 465 | .424 | -.136 | .170 | -.470 | .198 |
| | Equal variances not assumed | | | -.828 | 126.851 | .409 | -.136 | .164 | -.461 | .189 |
| Q1.25 | Equal variances assumed | 3.06 5 | .081 | 1.372 | 460 | .171 | .206 | .150 | -.089 | .502 |
| | Equal variances not assumed | | | 1.463 | 132.204 | .146 | .206 | .141 | -.073 | .485 |
| Q1.26 | Equal variances assumed | .816 | .367 | .524 | 461 | .601 | .079 | .150 | -.217 | .374 |
| | Equal variances not assumed | | | .504 | 117.762 | .616 | .079 | .156 | -.231 | .388 |
| Q1.27 | Equal variances assumed | 1.67 8 | .196 | - 1.144 | 460 | .253 | -.189 | .165 | -.514 | .136 |
| | Equal | | | - | 128.374 | .229 | -.189 | .156 | -.499 | .120 |

| | | | | | | | | | | |
|-------|-----------------------------|-------|------|--------|---------|------|-------|------|-------|------|
| | variances not assumed | | | 1.209 | | | | | | |
| Q1.28 | Equal variances assumed | 1.248 | .264 | -.769 | 461 | .442 | -.083 | .108 | -.296 | .130 |
| | Equal variances not assumed | | | -.719 | 112.832 | .474 | -.083 | .116 | -.313 | .146 |
| Q1.29 | Equal variances assumed | 3.969 | .047 | 2.035 | 462 | .042 | .248 | .122 | .009 | .488 |
| | Equal variances not assumed | | | 2.378 | 146.728 | .019 | .248 | .104 | .042 | .455 |
| Q1.30 | Equal variances assumed | .430 | .512 | .551 | 462 | .582 | .044 | .081 | -.114 | .203 |
| | Equal variances not assumed | | | .549 | 121.958 | .584 | .044 | .081 | -.116 | .205 |
| Q1.31 | Equal variances assumed | .862 | .354 | -.025 | 465 | .980 | -.003 | .115 | -.228 | .222 |
| | Equal variances not assumed | | | -.024 | 118.506 | .981 | -.003 | .120 | -.240 | .235 |
| Q1.32 | Equal variances assumed | 8.997 | .003 | -1.639 | 465 | .102 | -.110 | .067 | -.242 | .022 |
| | Equal variances not assumed | | | -1.337 | 102.839 | .184 | -.110 | .082 | -.273 | .053 |
| Q1.33 | Equal variances assumed | .286 | .593 | -.399 | 464 | .690 | -.057 | .144 | -.339 | .225 |
| | Equal variances not assumed | | | -.412 | 128.758 | .681 | -.057 | .139 | -.332 | .218 |
| Q1.34 | Equal variances | 2.064 | .152 | .100 | 466 | .921 | .017 | .170 | -.317 | .351 |

| | | | | | | | | | | |
|-------|-----------------------------------|-----------|------|------------|---------|------|-------|------|-------|------|
| | assumed | | | | | | | | | |
| | Equal variances not assumed | | | .105 | 131.166 | .917 | .017 | .162 | -.304 | .338 |
| Q1.35 | Equal variances assumed | .048 | .828 | -.527 | 465 | .598 | -.091 | .173 | -.431 | .249 |
| | Equal variances not assumed | | | -.528 | 122.161 | .599 | -.091 | .173 | -.434 | .251 |
| Q1.36 | Equal variances assumed | .035 | .852 | -.445 | 466 | .657 | -.064 | .143 | -.345 | .217 |
| | Equal variances not assumed | | | -.448 | 122.892 | .655 | -.064 | .142 | -.345 | .218 |
| Q1.37 | Equal variances assumed | .168 | .682 | -.489 | 463 | .625 | -.076 | .155 | -.380 | .229 |
| | Equal variances not assumed | | | -.493 | 123.418 | .623 | -.076 | .154 | -.380 | .228 |
| Q1.38 | Equal variances assumed | .010 | .918 | - 1.514 | 465 | .131 | -.237 | .157 | -.545 | .071 |
| | Equal variances not assumed | | | - 1.466 | 120.048 | .145 | -.237 | .162 | -.557 | .083 |
| Q1.39 | Equal variances assumed | 1.87 1 | .172 | -.903 | 467 | .367 | -.123 | .137 | -.392 | .145 |
| | Equal variances not assumed | | | -.856 | 117.523 | .394 | -.123 | .144 | -.409 | .162 |
| Q1.40 | Equal variances assumed | 1.79 7 | .181 | .325 | 465 | .745 | .045 | .139 | -.228 | .318 |
| | Equal variances not assumed | | | .359 | 137.585 | .720 | .045 | .126 | -.204 | .294 |

| | | | | | | | | | | |
|-------|-----------------------------------|------------|------|------------|---------|------|-------|------|-------|-------|
| Q1.41 | Equal variances assumed | 18.9 68 | .000 | - 1.820 | 463 | .069 | -.157 | .086 | -.326 | .012 |
| | Equal variances not assumed | | | - 1.438 | 102.190 | .154 | -.157 | .109 | -.373 | .059 |
| Q1.42 | Equal variances assumed | 18.5 71 | .000 | - 2.386 | 464 | .017 | -.182 | .076 | -.332 | -.032 |
| | Equal variances not assumed | | | - 1.899 | 102.655 | .060 | -.182 | .096 | -.372 | .008 |
| Q2.1 | Equal variances assumed | 8.41 1 | .004 | -.495 | 457 | .621 | -.059 | .119 | -.292 | .175 |
| | Equal variances not assumed | | | -.435 | 105.594 | .665 | -.059 | .135 | -.327 | .210 |
| Q2.2 | Equal variances assumed | .057 | .811 | -.989 | 454 | .323 | -.117 | .118 | -.350 | .116 |
| | Equal variances not assumed | | | -.960 | 115.582 | .339 | -.117 | .122 | -.358 | .125 |
| Q2.3 | Equal variances assumed | .183 | .669 | .351 | 456 | .726 | .049 | .139 | -.224 | .321 |
| | Equal variances not assumed | | | .336 | 112.221 | .737 | .049 | .145 | -.238 | .335 |
| Q2.4 | Equal variances assumed | .243 | .622 | -.368 | 457 | .713 | -.050 | .136 | -.318 | .218 |
| | Equal variances not assumed | | | -.360 | 116.221 | .719 | -.050 | .139 | -.326 | .226 |
| Q2.5 | Equal variances assumed | 6.34 4 | .012 | - 1.773 | 456 | .077 | -.230 | .130 | -.486 | .025 |
| | Equal | | | - | 103.401 | .118 | -.230 | .146 | -.520 | .060 |

| | | | | | | | | | | |
|-------|-----------------------------|-------|------|--------|---------|------|-------|------|-------|------|
| | variances not assumed | | | 1.574 | | | | | | |
| Q2.6 | Equal variances assumed | 3.171 | .076 | -.162 | 454 | .871 | -.021 | .131 | -.279 | .237 |
| | Equal variances not assumed | | | -.149 | 109.631 | .882 | -.021 | .143 | -.305 | .263 |
| Q2.7 | Equal variances assumed | 1.244 | .265 | 1.016 | 457 | .310 | .141 | .139 | -.132 | .414 |
| | Equal variances not assumed | | | .970 | 113.476 | .334 | .141 | .146 | -.147 | .430 |
| Q2.8 | Equal variances assumed | .001 | .978 | -.970 | 447 | .332 | -.126 | .130 | -.382 | .130 |
| | Equal variances not assumed | | | -.929 | 112.849 | .355 | -.126 | .136 | -.396 | .143 |
| Q2.9 | Equal variances assumed | 1.108 | .293 | 1.430 | 456 | .153 | .232 | .162 | -.087 | .550 |
| | Equal variances not assumed | | | 1.371 | 114.059 | .173 | .232 | .169 | -.103 | .567 |
| Q2.10 | Equal variances assumed | 7.666 | .006 | -1.467 | 458 | .143 | -.229 | .156 | -.536 | .078 |
| | Equal variances not assumed | | | -1.318 | 107.522 | .190 | -.229 | .174 | -.574 | .116 |
| Q2.11 | Equal variances assumed | .769 | .381 | -.380 | 455 | .704 | -.053 | .139 | -.326 | .220 |
| | Equal variances not assumed | | | -.362 | 109.666 | .718 | -.053 | .146 | -.342 | .237 |
| Q2.12 | Equal variances | .414 | .520 | .925 | 450 | .355 | .137 | .148 | -.154 | .428 |

| | | | | | | | | | | |
|-------|-----------------------------------|-----------|------|------------|---------|------|-------|------|-------|-------|
| | assumed | | | | | | | | | |
| | Equal variances not assumed | | | .901 | 112.463 | .370 | .137 | .152 | -.164 | .438 |
| Q2.13 | Equal variances assumed | .008 | .930 | - 1.379 | 454 | .169 | -.169 | .122 | -.410 | .072 |
| | Equal variances not assumed | | | - 1.322 | 114.175 | .189 | -.169 | .128 | -.422 | .084 |
| Q2.14 | Equal variances assumed | 3.51 2 | .062 | - 1.251 | 458 | .212 | -.146 | .117 | -.375 | .083 |
| | Equal variances not assumed | | | - 1.157 | 110.223 | .250 | -.146 | .126 | -.396 | .104 |
| Q2.15 | Equal variances assumed | 1.87 7 | .171 | - 1.106 | 457 | .269 | -.136 | .123 | -.377 | .105 |
| | Equal variances not assumed | | | - 1.047 | 112.665 | .297 | -.136 | .130 | -.392 | .121 |
| Q2.16 | Equal variances assumed | 4.38 8 | .037 | - 2.087 | 451 | .037 | -.269 | .129 | -.522 | -.016 |
| | Equal variances not assumed | | | - 1.923 | 106.869 | .057 | -.269 | .140 | -.545 | .008 |
| Q2.17 | Equal variances assumed | 1.57 4 | .210 | -.838 | 457 | .403 | -.115 | .138 | -.386 | .155 |
| | Equal variances not assumed | | | -.792 | 112.486 | .430 | -.115 | .146 | -.404 | .173 |
| Q2.18 | Equal variances assumed | .033 | .856 | .585 | 455 | .559 | .078 | .133 | -.183 | .339 |
| | Equal variances not assumed | | | .571 | 116.095 | .569 | .078 | .136 | -.192 | .347 |

| | | | | | | | | | | |
|-------|-----------------------------------|-----------|------|------------|---------|------|-------|------|-------|------|
| Q2.19 | Equal variances assumed | .376 | .540 | - 1.003 | 452 | .316 | -.135 | .135 | -.400 | .129 |
| | Equal variances not assumed | | | -.939 | 111.884 | .350 | -.135 | .144 | -.420 | .150 |
| Q2.20 | Equal variances assumed | .002 | .968 | 1.425 | 454 | .155 | .197 | .138 | -.075 | .469 |
| | Equal variances not assumed | | | 1.426 | 117.223 | .156 | .197 | .138 | -.077 | .471 |
| Q2.21 | Equal variances assumed | 3.35 6 | .068 | .513 | 455 | .608 | .061 | .119 | -.172 | .294 |
| | Equal variances not assumed | | | .460 | 107.600 | .646 | .061 | .132 | -.201 | .323 |
| Q2.22 | Equal variances assumed | .111 | .739 | .550 | 455 | .583 | .069 | .125 | -.177 | .315 |
| | Equal variances not assumed | | | .533 | 115.301 | .595 | .069 | .129 | -.187 | .325 |
| Q2.23 | Equal variances assumed | .522 | .470 | .082 | 454 | .934 | .010 | .125 | -.236 | .256 |
| | Equal variances not assumed | | | .079 | 113.662 | .938 | .010 | .131 | -.250 | .270 |
| Q2.24 | Equal variances assumed | .013 | .909 | -.952 | 448 | .342 | -.122 | .128 | -.374 | .130 |
| | Equal variances not assumed | | | -.914 | 111.133 | .363 | -.122 | .133 | -.386 | .142 |
| Q2.25 | Equal variances assumed | .471 | .493 | .508 | 452 | .612 | .069 | .136 | -.198 | .337 |
| | Equal | | | .531 | 123.183 | .597 | .069 | .130 | -.189 | .327 |

| | | | | | | | | | | |
|-------|-----------------------------|-----------|------|------------|---------|------|-------|------|-------|-------|
| | variances not assumed | | | | | | | | | |
| Q2.26 | Equal variances assumed | 2.41 1 | .121 | - 2.266 | 449 | .024 | -.280 | .124 | -.524 | -.037 |
| | Equal variances not assumed | | | - 2.000 | 106.542 | .048 | -.280 | .140 | -.559 | -.002 |
| Q2.27 | Equal variances assumed | .105 | .746 | .076 | 452 | .940 | .010 | .137 | -.258 | .279 |
| | Equal variances not assumed | | | .077 | 121.136 | .939 | .010 | .135 | -.257 | .277 |
| Q2.28 | Equal variances assumed | 1.11 8 | .291 | .021 | 457 | .983 | .003 | .138 | -.267 | .273 |
| | Equal variances not assumed | | | .020 | 112.085 | .984 | .003 | .146 | -.287 | .292 |
| Q2.29 | Equal variances assumed | .341 | .559 | 1.065 | 453 | .287 | .126 | .119 | -.107 | .359 |
| | Equal variances not assumed | | | 1.068 | 119.659 | .288 | .126 | .118 | -.108 | .360 |
| Q2.30 | Equal variances assumed | .713 | .399 | .292 | 454 | .770 | .040 | .137 | -.229 | .309 |
| | Equal variances not assumed | | | .281 | 114.428 | .780 | .040 | .143 | -.243 | .323 |
| Q2.31 | Equal variances assumed | 3.04 1 | .082 | 1.170 | 456 | .243 | .170 | .145 | -.116 | .456 |
| | Equal variances not assumed | | | 1.104 | 112.349 | .272 | .170 | .154 | -.135 | .475 |
| Q2.32 | Equal variances | .113 | .736 | -.191 | 458 | .849 | -.025 | .130 | -.280 | .230 |

| | | | | | | | | | | |
|-------|-----------------------------------|-----------|------|------------|---------|------|-------|------|-------|------|
| | assumed | | | | | | | | | |
| | Equal variances not assumed | | | -.193 | 120.095 | .847 | -.025 | .128 | -.279 | .229 |
| Q2.33 | Equal variances assumed | 7.89 7 | .005 | - 1.059 | 454 | .290 | -.124 | .118 | -.355 | .107 |
| | Equal variances not assumed | | | -.939 | 106.663 | .350 | -.124 | .133 | -.387 | .138 |
| Q2.34 | Equal variances assumed | .278 | .599 | - 1.028 | 453 | .304 | -.127 | .123 | -.369 | .115 |
| | Equal variances not assumed | | | -.976 | 113.233 | .331 | -.127 | .130 | -.384 | .130 |
| Q2.35 | Equal variances assumed | .010 | .922 | .227 | 440 | .821 | .028 | .122 | -.212 | .267 |
| | Equal variances not assumed | | | .226 | 117.864 | .822 | .028 | .123 | -.215 | .271 |
| Q2.36 | Equal variances assumed | 2.10 5 | .148 | -.853 | 453 | .394 | -.099 | .116 | -.327 | .129 |
| | Equal variances not assumed | | | -.791 | 110.823 | .431 | -.099 | .125 | -.346 | .149 |
| Q2.37 | Equal variances assumed | .024 | .876 | - 1.244 | 450 | .214 | -.146 | .118 | -.377 | .085 |
| | Equal variances not assumed | | | - 1.203 | 115.588 | .231 | -.146 | .121 | -.387 | .094 |
| Q2.38 | Equal variances assumed | 1.44 4 | .230 | - 1.692 | 451 | .091 | -.211 | .125 | -.456 | .034 |
| | Equal variances not assumed | | | - 1.525 | 108.294 | .130 | -.211 | .138 | -.485 | .063 |

| | | | | | | | | | | |
|-------|-----------------------------------|-----------|------|-------|---------|------|-------|------|-------|------|
| Q2.39 | Equal variances assumed | .621 | .431 | -.221 | 448 | .825 | -.029 | .130 | -.283 | .226 |
| | Equal variances not assumed | | | -.210 | 111.829 | .834 | -.029 | .136 | -.299 | .242 |
| Q2.40 | Equal variances assumed | .249 | .618 | -.627 | 453 | .531 | -.082 | .132 | -.341 | .176 |
| | Equal variances not assumed | | | -.607 | 113.433 | .545 | -.082 | .136 | -.352 | .187 |
| Q2.41 | Equal variances assumed | 3.14 0 | .077 | -.941 | 455 | .347 | -.142 | .151 | -.438 | .154 |
| | Equal variances not assumed | | | -.865 | 106.415 | .389 | -.142 | .164 | -.467 | .183 |
| Q2.42 | Equal variances assumed | .084 | .772 | 1.017 | 453 | .310 | .156 | .153 | -.145 | .457 |
| | Equal variances not assumed | | | .995 | 114.710 | .322 | .156 | .157 | -.154 | .466 |