## Mathematical Methods

## Graded Assessment 1 COURSEWORK UNIT 3/4

2019

Table of Grade Distribution by Gender

| Grade | UG | E | E+ | D | D+ | C | C+ | B | B+ | A | A+ | NR | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Male | 60 | 164 | 609 | 778 | 1,008 | 1,266 | 1,426 | 1,093 | 909 | 775 | 786 | 0 | 8,874 |
|  | 0.7 | 1.8 | 6.9 | 8.8 | 11.4 | 14.3 | 16.1 | 12.3 | 10.2 | 8.7 | 8.9 | 0.0 | 100.0 |
| Female | 18 | 110 | 462 | 591 | 870 | 1,048 | 1,240 | 981 | 714 | 590 | 473 | 0 | 7,097 |
|  | 0.3 | 1.5 | 6.5 | 8.3 | 12.3 | 14.8 | 17.5 | 13.8 | 10.1 | 8.3 | 6.7 | 0.0 | 100.0 |
| Gender X | 0 | $\bigcirc$ | 0 | $\bigcirc$ | 0 | 0 | 0 | 0 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 3 | 3 |
|  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 100.0 |
| Total $\begin{array}{r}\text { n } \\ \\ \\ \end{array}$ | 78 | 274 | 1,071 | 1,369 | 1,878 | 2,314 | 2,666 | 2,074 | 1,623 | 1,365 | 1,259 | 3 | 15,974 |
|  | 0.5 | 1.7 | 6.7 | 8.6 | 11.8 | 14.5 | 16.7 | 13.0 | 10.2 | 8.5 | 7.9 | 0.0 | 100.0 |
| Score Ranges | 0-9 | 10-22 | 23-35 | 36-43 | 44-51 | 52-60 | 61-70 | 71-78 | 79-85 | 86-92 | 93-100 | N/A | Max 100 |

For privacy reasons, a gender with less than 5 students assessed has been assigned to the category of NR (Not Reported).

| Summary Statistics: |  |
| :--- | :---: |
| Mean | 63.6 |
| Std Dev | 20.2 |
| Median | $C_{+}$ |


| Not Assessed: |  |
| :--- | :---: |
| Male | 166 |
| Female | 96 |
| Gender X | 1 |
| Total | 263 |


| Total Enrolments incl. |  |
| :--- | :---: |
| Not Assessed: |  |
| Male | 9,040 |
| Female | 7,193 |
| Gender X | 4 |
| Total | 16,237 |



Gender X numbers are too low for a graph to be meaningful

# Mathematical Methods 

## Graded Assessment 2 <br> WRITTEN EXAMINATION 1

2019

Table of Grade Distribution by Gender

| Grade |  | UG | E | E+ | D | D+ | C | C+ | B | B+ | A | A+ | NR | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Male |  | 219 | 168 | 262 | 418 | 706 | 1,092 | 1,278 | 1,341 | 493 | 1,839 | 830 | 0 | 8,646 |
|  | \% | 2.5 | 1.9 | 3.0 | 4.8 | 8.2 | 12.6 | 14.8 | 15.5 | 5.7 | 21.3 | 9.6 | 0.0 | 100.0 |
| Female |  | 119 | 148 | 201 | 346 | 586 | 920 | 1,057 | 1,178 | 443 | 1,462 | 509 | 0 | 6,969 |
|  | \% | 1.7 | 2.1 | 2.9 | 5.0 | 8.4 | 13.2 | 15.2 | 16.9 | 6.4 | 21.0 | 7.3 | 0.0 | 100.0 |
| Gender X | n | 0 | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 0 | 0 | $\bigcirc$ | $\bigcirc$ | 3 | 3 |
|  | \% | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 100.0 |
| Total | n | 338 | 316 | 463 | 764 | 1,292 | 2,012 | 2,335 | 2,519 | 936 | 3,301 | 1,339 | 3 | 15,618 |
|  | \% | 2.2 | 2.0 |  | 4.9 | 8.3 | 12.9 | 15.0 | 16.1 | 6.0 | 21.1 | 8.6 | 0.0 | 100.0 |
| Score Ranges |  | 0-6 | 7-10 | 11-14 | 15-19 | 20-25 | 26-32 | 33-40 | 41-49 | 50-52 | 53-66 | 67-80 | N/A | Max 80 |

For privacy reasons, a gender with less than 5 students assessed has been assigned to the category of NR (Not Reported).

| Summary Statistics: |  |
| :--- | :---: |
| Mean | 41.5 |
| Std Dev | 17.8 |
| Median | B |


| Not Assessed: |  |
| :--- | :---: |
| Male | 394 |
| Female | 224 |
| Gender X | 1 |
| Total | 619 |

Total Enrolments incl. Not Assessed:

| Male | 9,040 |
| :--- | :---: |
| Female | 7,193 |
| Gender X | 4 |
| Total | 16,237 |



Gender X numbers are too low for a graph to be meaningful

## Mathematical Methods

## Graded Assessment 3 WRITTEN EXAMINATION 2

2019

Table of Grade Distribution by Gender

| Grade | UG | E | E+ | D | D+ | C | C+ | B | B+ | A | A+ | NR | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Male | 74 | 195 | 375 | 513 | 698 | 991 | 1,180 | 1,314 | 1,239 | 1,121 | 941 | 0 | 8,641 |
|  | 0.9 | 2.3 | 4.3 | 5.9 | 8.1 | 11.5 | 13.7 | 15.2 | 14.3 | 13.0 | 10.9 | 0.0 | 100.0 |
| Female n | 35 | 165 | 306 | 416 | 632 | 840 | 1,041 | 1,139 | 992 | 829 | 574 | $\bigcirc$ | 6,969 |
|  | 0.5 | 2.4 | 4.4 | 6.0 | 9.1 | 12.1 | 14.9 | 16.3 | 14.2 | 11.9 | 8.2 | 0.0 | 100.0 |
| Gender X | 0 | $\bigcirc$ | 0 | - | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | - | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 3 | 3 |
|  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 100.0 |
| Total | 109 | 360 | 681 | 929 | 1,330 | 1,831 | 2,221 | 2,453 | 2,231 | 1,950 | 1,515 | 3 | 15,613 |
|  | 0.7 | 2.3 | 4.4 | 6.0 | 8.5 | 11.7 | 14.2 | 15.7 | 14.3 | 12.5 | 9.7 | 0.0 | 100.0 |
| Score Ranges | 0-8 | 9-16 | 17-27 | 28-36 | 37-48 | 49-63 | 64-79 | 80-97 | 98-114 | 115-132 | 133-160 | N/A | Max 160 |

For privacy reasons, a gender with less than 5 students assessed has been assigned to the category of NR (Not Reported).

| Summary Statistics: |  |
| :--- | :---: |
| Mean | 81.9 |
| Std Dev | 36.8 |
| Median | B |


| Not Assessed: |  |
| :--- | :---: |
| Male | 399 |
| Female | 224 |
| Gender X | 1 |
| Total | 624 |

Total Enrolments incl. Not Assessed:

| Male | 9,040 |
| :--- | :---: |
| Female | 7,193 |
| Gender $X$ | 4 |
| Total | 16,237 |



Gender X numbers are too low for a graph to be meaningful

