# Mathematical Methods 

## Graded Assessment 1 COURSEWORK UNIT 3/4

2017

Table of Grade Distribution by Gender

| Grade | UG | E | E+ | D | D+ | C | C+ | B | B+ | A | A+ | NR | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Male | 76 | 173 | 691 | 767 | 1,006 | 1,319 | 1,324 | 1,225 | 919 | 749 | 810 | $\bigcirc$ | 9,059 |
|  | 0.8 | 1.9 | 7.6 | 8.5 | 11.1 | 14.6 | 14.6 | 13.5 | 10.1 | 8.3 | 8.9 | 0.0 | 100.0 |
| Female | 42 | 132 | 508 | 558 | 769 | 1,072 | 1,125 | 1,078 | 763 | 634 | 475 | 0 | 7,156 |
|  | 0.6 | 1.8 | 7.1 | 7.8 | 10.7 | 15.0 | 15.7 | 15.1 | 10.7 | 8.9 | 6.6 | 0.0 | 100.0 |
| Gender X | $\bigcirc$ | 0 | 0 | $\bigcirc$ | $\bigcirc$ | - | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 2 | 2 |
|  | 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 $\begin{array}{r}\text { n } \\ \\ \\ \end{array}$ | 118 | 305 | 1,199 | 1,325 | 1,775 | 2,391 | 2,449 | 2,303 | 1,682 | 1,383 | 1,285 | 2 | 16,217 |
|  | 0.7 | 1.9 | 7.4 | 8.2 | 10.9 | 14.7 | 15.1 | 14.2 | 10.4 | 8.5 | 7.9 | 0.0 | 100.0 |
| Score Ranges | 0-9 | 10-24 | 25-37 | 38-45 | 46-53 | 54-62 | 63-70 | 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 | 64.5 |
| Std Dev | 20 |
| Median | $C_{+}$ |


| Not Assessed: |  |
| :--- | :---: |
| Male | 144 |
| Female | 82 |
| Gender X | 0 |
| Total | 226 |

Total Enrolments incl. Not Assessed:

| Male | 9,203 |
| :--- | :---: |
| Female | 7,238 |
| Gender $X$ | 2 |
| Total | 16,443 |



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

## Mathematical Methods

## Graded Assessment 2 WRITTEN EXAMINATION 1

2017

Table of Grade Distribution by Gender

| Grade |  | UG | E | E+ | D | D+ | C | C+ | B | B+ | A | A+ | NR | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Male |  | 126 | 165 | 278 | 523 | 718 | 1,084 | 1,268 | 1,387 | 1,212 | 1,152 | 922 | $\bigcirc$ | 8,835 |
|  | \% | 1.4 | 1.9 | 3.1 | 5.9 | 8.1 | 12.3 | 14.4 | 15.7 | 13.7 | 13.0 | 10.4 | 0.0 | 100.0 |
| Female | n | 109 | 113 | 195 | 358 | 533 | 899 | 1,087 | 1,221 | 1,129 | 835 | 528 | $\bigcirc$ | 7,007 |
|  | \% | 1.6 | 1.6 | 2.8 | 5.1 | 7.6 | 12.8 | 15.5 | 17.4 | 16.1 | 11.9 | 7.5 | 0.0 | 100.0 |
| Gender X | n | 0 | 0 | 0 | $\bigcirc$ | $\bigcirc$ | 0 | 0 | 0 | $\bigcirc$ | 0 | 0 | 1 | 1 |
|  | \% | 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 | 235 | 278 | 473 | 881 | 1,251 | 1,983 | 2,355 | 2,608 | 2,341 | 1,987 | 1,450 | 1 | 15,843 |
|  | \% | 1.5 | 1.8 | 3.0 | 5.6 | 7.9 | 12.5 | 14.9 | 16.5 | 14.8 | 12.5 | 9.2 | 0.0 |  |
| Score Ranges |  | 0-2 | 3-5 | 6-9 | 10-15 | 16-21 | 22-29 | 30-37 | 38-46 | 47-56 | 57-68 | 69-80 | 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 | 39.7 |
| Std Dev | 19.5 |
| Median | B |


| Not Assessed: |  |
| :--- | :---: |
| Male | 368 |
| Female | 231 |
| Gender $X$ | 1 |
| Total | 600 |

Total Enrolments incl.

## Not Assessed:

| Male | 9,203 |
| :--- | :---: |
| Female | 7,238 |
| Gender $X$ | 2 |
| Total | 16,443 |



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

## Mathematical Methods

## Graded Assessment 3 WRITTEN EXAMINATION 2

2017

Table of Grade Distribution by Gender

| Grade | UG | E | E+ | D | D+ | C | C+ | B | B+ | A | A+ | NR | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Male | 56 | 161 | 406 | 476 | 777 | 1,087 | 1,232 | 1,364 | 1,142 | 1,119 | 1,014 | 0 | 8,834 |
|  | 0.6 | 1.8 | 4.6 | 5.4 | 8.8 | 12.3 | 13.9 | 15.4 | 12.9 | 12.7 | 11.5 | 0.0 | 100.0 |
| Female | 56 | 124 | 326 | 402 | 587 | 831 | 989 | 1,117 | 1,017 | 920 | 642 | 0 | 7,011 |
|  | 0.8 | 1.8 | 4.6 | 5.7 | 8.4 | 11.9 | 14.1 | 15.9 | 14.5 | 13.1 | 9.2 | 0.0 | 100.0 |
| Gender X | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | 1 | 1 |
|  | 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 | 112 | 285 | 732 | 878 | 1,364 | 1,918 | 2,221 | 2,481 | 2,159 | 2,039 | 1,656 | 1 | 15,846 |
|  | 0.7 | 1.8 | 4.6 | $5 \cdot 5$ | 8.6 | 12.1 | 14.0 | 15.7 | 13.6 | 12.9 | 10.5 | 0.0 | 100.0 |
| Score Ranges | 0-11 | 12-18 | 19-30 | 31-41 | 42-54 | 55-69 | 70-83 | 84-97 | 98-110 | 111-125 | 126-160 | 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 | 83.6 |
| Std Dev | 33 |
| Median | B |


| Not Assessed: |  |
| :--- | :---: |
| Male | 369 |
| Female | 227 |
| Gender X | 1 |
| Total | 597 |

Total Enrolments incl. Not Assessed:

| Male | 9,203 |
| :--- | :---: |
| Female | 7,238 |
| Gender $X$ | 2 |
| Total | 16,443 |



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

