 Iona College

**Statistics Assessment**

**Investigation**

**Name:**

**Tutor Group:**

**Teacher:**

You should use your comparison (multivariate) booklet as a guide to help you complete this task. It should be completed in the term 1 holiday. If you had any problems with your Inzight graphs and summary statistics, you can use the gender - armspan one on the Iona maths website.

You have been given access to a CSV file to import to Inzight

Write a comparison question.

I wonder …. (Please complete and get your teacher to check your question)

**Plan**

I will …..

**Data**

My groups to compare are ....

The measurement variable is ...

**Analysis**

Please cut and paste from Inzight

For this data set , please fill in the table below:

|  |  |  |
| --- | --- | --- |
|  | 1st group | 2nd group |
| **Minimum** |  |  |
| **LQ** |  |  |
| **Mean** |  |  |
| **Median** |  |  |
| **Mode** |  |  |
| **UQ** |  |  |
| **Maximum** |  |  |
| **Range** |  |  |
| **IQR** |  |  |

Describe, compare and justify the features of the data. Features may include the center, spread, shape and middle 50%.

**Conclusion**

Answer the investigation question. For extension make an inference (justify your answer)

Any other comments: