# Workshop 2

# Activity 1: Introducing our measures

In the assignment for this module you will be using a small set of measures to approach a particular problem. The choices of problem have not been released yet.

In today’s session we will be looking at the measures you will have access to, examining datasets, and running some basic norm group analysis on the sets.

Please go to the [Unit Assessment Area of Moodle](https://moodle.mmu.ac.uk/course/view.php?id=152792&section=2) and access the dataset list:

A screenshot of a computer

Description automatically generated with medium confidence

There are columns for the General Construct (e.g. Personality, Intelligence), sub factors, name of the scale, number of items, number of participants in the dataset, date of data collection, and a hyperlink to a folder that contains the information you’ll need to use the measure.

Select one (if there are multiple sub-factors then just choose one) and answer the following questions:

|  |  |
| --- | --- |
| Name of construct |  |
| Evaluate one item from the questionnaire |  |
| Think of a behaviour that someone high in this construct would typically exhibit |  |
| Think of one academic use for the measure |  |
| Think of one applied use for the measure |  |

Be prepared to feed back to the group.

# Activity 2: Exploring our measure with Jamovi

We’re now going to open a dataset and run some basic analyses on this. Please answer the following questions.

|  |  |
| --- | --- |
| Mean average |  |
| Standard deviation |  |
| Are the data normally distributed? |  |
| If there are grouping variables try splitting them to find out group means – is there a difference? |  |
| What is the range? |  |
| What score is associated with the 95% percentile? | Live Demo |