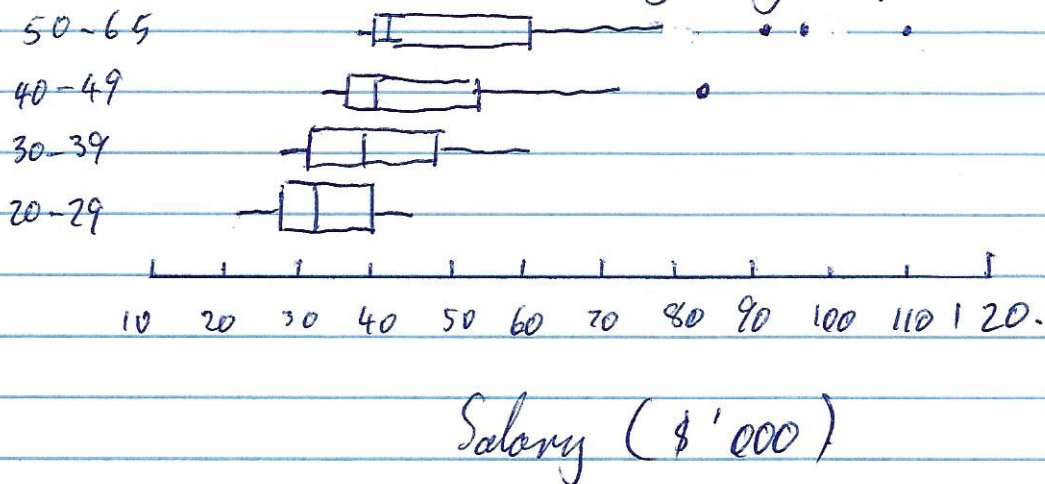


ASSOCIATIONS BETWEEN NUMERICAL AND CATEGORICAL

In this situation we use a parallel box plot.

The following example shows the Salary (RV) of four different age groups (EV).



Here we would say there is an association between age and Salary. Evidence could be the median or the IQR.

Parallel Dot Plots could also be used but the association may be more difficult to see.

Back to Back Stemplots could be used if there are two categories. Again the association may be more difficult to see.

In both these situations the Median is the best statistical measure to use.

Questions: Ex 3C Questions on Work Plan.