

Start here.

What am I looking for?

significant **differences** between datasets

significant **relationships** between datasets

Is the data **normally distributed?**
(plot a frequency histogram)

what does this mean?
(link back to intro to stats analysis here)

Are both sets of data **continuous?**

yes

no

not sure

yes

no

not sure

use the 't' test for the significance of differences between means

use the Mann-Whitney 'U' test for the significance of differences between medians

(links back to stats analysis method sheets here)

use the Pearson product-moment test for the significance of correlations between sets of continuous data

use the Spearman Rank correlation coefficient test for the significance of correlations between sets of data which are not continuous