Task 5: *Significance testing for continuous data: A little test*

*Task 5a.*

The task: Compare the performance on language A students and language B students on language exam 3.

Compute the effect sizes (means, sd, mean difference, Cohen’s d).

We have already checked that the data is normally distributed and that the variances are equal.

Select and run the appropriate statistical test to determine if there are significant differences between the two groups.

Once you have done this, report the results, following the convention above. How will you report this? Compare with your neighbour?

*Task 5b.*

The task: Compare the performance of postgraduate students on language exam 3 and the maths exam.

Compute the effect sizes (means, sd, mean difference, Cohen’s d).

We have already checked that the data is normally distributed and that the variances are equal.

Select and run the appropriate statistical test to determine if there are significant differences between the two groups.

Once you have done this, report the results, following the convention above. How will you report this? Compare with your neighbour?