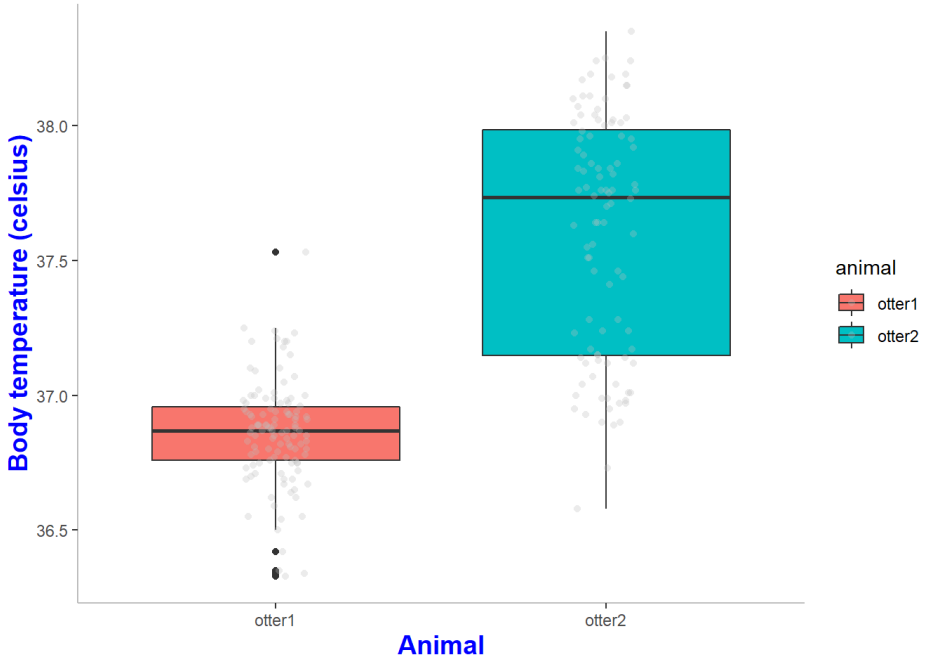
Assigment2: Plotting exercise

You are provided with a data set on body temperature in free-living otters.

Import and examine the data ("otter.csv") and create the following plots:

1) A boxplot (with raw data) comparing the body temperature ranges in the two individuals.

What we expected to see …

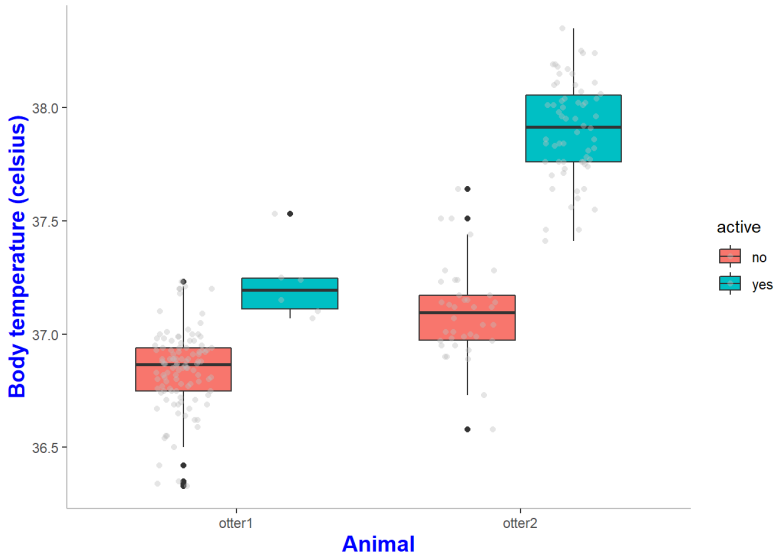


2) A single graph of boxplots (with raw data) comparing body temperature between these two otters while being active and inactive (so total of four box and whisker plots).

Hint1: In ggplot command we can add 'fill' to separate active and inactive to the graph

Hint2: geom point we can add position = position_jitterdodge() to Applies both jittering (random small movement to avoid overlap) , to reduce overplotting.

What we expected to see ...



3) A scatterplot of heart rate as a function of body temperature combining data from both individuals. Distinguish whether animals were active or inactive and add a regression line to each group of points

Hint: in geom_smooth, we can add aes(fill=.....) to fill the color into regression line.

What we expected to see ...