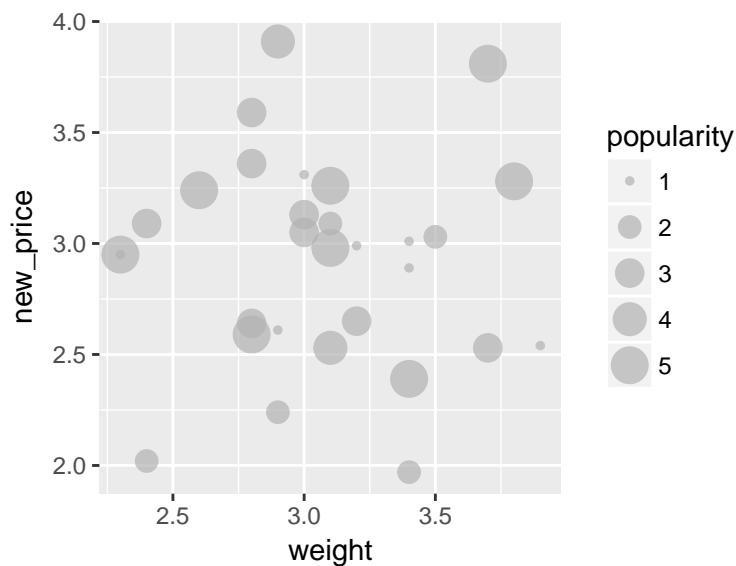


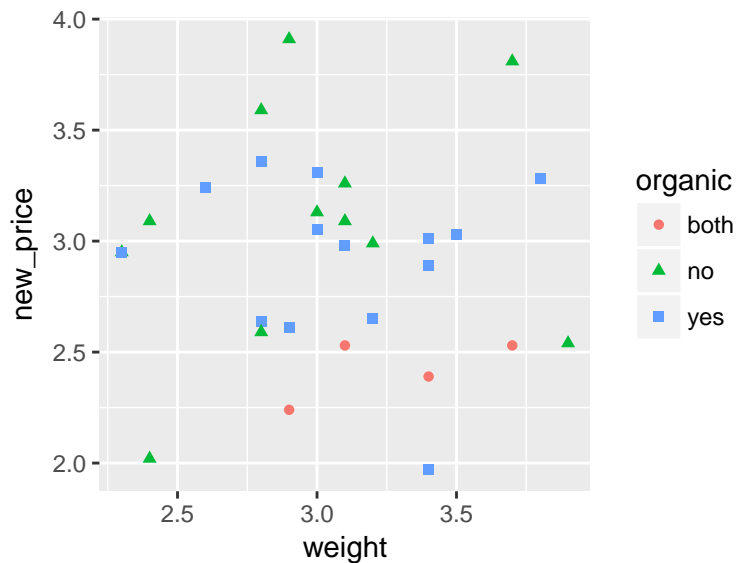
Assignment 04

This homework will help you to practice and self assess your knowledge and ability around the course concepts. Use the answer key to assess your work.

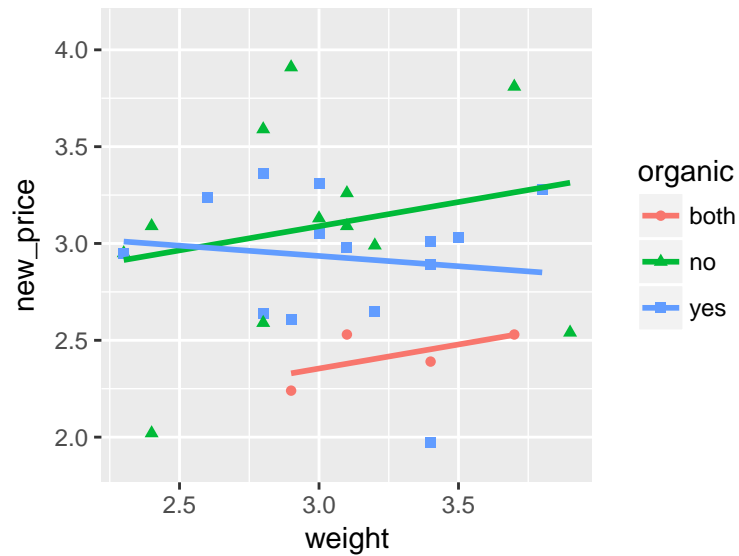
1. Load the **tidyverse** & **exampledata** packages.
2. View the **wegmans** data set. Look at the help files for this data sets in order to understand their variables.
3. Re-create this plot. Hint: determine the variables used and then map them appropriately. Note that color and alpha have been set to constants.



4. Re-create this plot. Note that you'll need to mutate a variable and combine groups.



5. Add a regression trend-line colored by each organic group to the plot above.



6. Use a `mutate` statement to make a 3. **high** (> 3), 2. **medium** ($= 3$), and 1. **low** (< 3) `popularity2` variable from the `popularity` variable (note that this variable corresponds to the x-axis in the plot). Then, use faceting to identify the distribution of `popular2` items within departments.

