

MAP FUNCTIONS FOR QUICK MODEL COMPARISONS

Say we want to apply a model over a list of data frames

```
mtcars %>%  
  split(.$cyl) %>%  
  map(~ lm(mpg ~ wt, data = .)) %>%  
  map(summary) %>%  
  map("coefficients") %>%  
  map_dbl(2)  
           4           6           8  
-5.647025 -2.780106 -2.192438
```

1. Apply regression model over each data frame
2. Access results with the summary function
3. **Get specific results by subsetting each list item**

YOUR TURN!

1. split the `ggplot2::diamonds` data set by cut
2. run a regression on each list item `lm(price ~ carat, data = .)`
3. get the **summary** of the regression
4. how does the "**r.squared**" compare across models?
5. how do the model slopes (aka “**coefficients**”) compare?