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?*