

# 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_dbl("r.squared")  
      4          6          8  
0.5086326 0.4645102 0.4229655
```

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

# 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**