

# 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)  
$`4`
```

Call:

```
lm(formula = mpg ~ wt, data = .)
```

Residuals:

Min	1Q	Median	3Q	Max
-4.1513	-1.9795	-0.6272	1.9299	5.2523

1. Apply regression model over each data frame
- 2. Access results with the summary function**

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*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**