

# 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 = .))
```

```
$`4`
```

```
Call:
```

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

```
Coefficients:
```

(Intercept)	wt
39.571	-5.647

```
$`6`
```

**I. Apply regression model over each data frame**

# 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**