

# Regression Summary

```
reg1 <- lm(road ~ pop_2017 + gdp_2017, data=africa)  
summary(reg1)
```

Residual standard error: 35670 on 50 degrees of freedom  
Multiple R-squared: 0.6811, Adjusted R-squared: 0.6684  
F-statistic: 53.41 on 2 and 50 DF, p-value: 3.889e-13

# Regression Objects

```
> names(reg1)
[1] "coefficients" "residuals" "effects"
[4] "rank"         "fitted.values" "assign"
[7] "qr"          "df.residual" "xlevels"
[10] "call"         "terms"       "model"

> names(summary(reg1))
[1] "call"         "terms"       "residuals"
[4] "coefficients" "aliased"     "sigma"
[7] "df"          "r.squared"   "adj.r.squared"
[10] "fstatistic"   "cov.unscaled"
```