

```
##  
## Call:  
## lm(formula = Foals ~ Adults, data = horses)  
##  
## Residuals:  
##      Min       1Q   Median       3Q      Max   
## -8.374 -3.312 -0.965   3.686 11.172   
##  
## Coefficients:  
##              Estimate Std. Error t value Pr(>|t|)      
## (Intercept)  -1.5784    1.4916   -1.06    0.3        
## Adults        0.1540    0.0114   13.49 1.2e-15 ***  
## ---  
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1  
##  
## Residual standard error: 4.94 on 36 degrees of freedom  
## Multiple R-squared:  0.835, Adjusted R-squared:  0.83  
## F-statistic: 182 on 1 and 36 DF, p-value: 1.19e-15
```

$\hat{\beta}_0$, estimated intercept

$\hat{\beta}_1$, estimated slope

Standard Error for $\hat{\beta}_1$: an estimate of the variability in values of b_1 we will obtain from different samples

t statistic for a test of whether $\beta_1 = 0$

p value for a test of whether $\beta_1 = 0$

Residual standard deviation

Degrees of freedom: $n - 2$

R^2