

Stat 6021: Output for Midterm 1

Spring 2020

OUTPUT FOR QUESTION 2.

```
Call:
lm(formula = faithful$waiting ~ faithful$eruptions)

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)    33.4744     1.1549   28.98  <2e-16 ***
faithful$eruptions 10.7296     0.3148   34.09  <2e-16 ***
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 5.914 on 270 degrees of freedom
Multiple R-squared:  0.8115,    Adjusted R-squared:  0.8108
F-statistic:  ____ on 1 and 270 DF,  p-value: < 2.2e-16
```

OUTPUT FOR QUESTION 3.

Plot of Stopping Distance against Speed



