

STA322 Project 1

Abby Li and Austin Huang

```
helicopter <- read.csv("project2-finaldata.csv")  
  
# check that the data is consistent with averages calculated on sheets  
mean_check <- aggregate(flight_time ~ trt, data = helicopter, FUN = mean)
```

Description of Study Design



Questions:

Which factors seem to be most important for making helicopters that fly longer?

Is there any evidence that the effect of rotor length differs by leg width?

What would you recommend as the ideal combination to make the helicopter fly long?