1 Data Description

This data currently describes the tests run to determine statistically significant differences among various reaches regarding different parameters.

1.1 Importing Data

```
file = "/home/CAMPUS/mwl04747/github/Santa-Ana-Sucker-Recovery/Data/Data_TUES_1/AllParamete
import <- read.csv(file)

## Warning in file(file, "rt"):  cannot open file '/home/CAMPUS/mwl04747/github/Santa-Ana-Su
No such file or directory
## Error in file(file, "rt"):  cannot open the connection
```

1.2 Summary Statistics

Mean Algae Cover: 49" " REACH A: 54" " R B : 90" " R C : 0

```
summary(import)

## Error in summary(import):  object 'import' not found
```

1.3 Distribution

Write some stuff about the summary here...

```
hist(import$Predictor)

## Error in hist(import$Predictor):  object 'import' not found
```

ANOVA TESTS summary(results.aov)
Signif. codes: 0 *** 0.001 ** 0.01 * 0.05 . 0.1 1
Algae v Site: Pr(¿F) 7.19e-08 *** HIGHLY SIGNIFICANT — v Sediment Pr(¿F) Sediment 0.0643 . SIGNIFICANT
— v Temperature
Pr(¿F) Temperature 0.446 NOT SIGNIFICANT —- Canopy
Pr(¿F) Canopy 0.334 NOT SIG. SHOULD DO REGRESSION INSTEAD?
— Algae Site+Temperature
Pr(¿F) Site 2.53e-07 *** Temperature 0.0714 . SIG. SHOULD DO REGRESSION INSTEAD? — Algae Site+Sediment
Pr(¿F) Site 4.73e-07 *** Sediment 0.211
HIGHLY SIGNIFICANT (2nd in significance?)
— Algae Site+Sediment+Temperature

Df Sum Sq Mean Sq F value Pr(¿F) Site 2.95e-07 *** Sediment 0.1918 Temperature 0.0858 . MIXING CATEGORICAL AND CONT. PREDICTORS. NEED OTHER TEST? — Algae Site+Sediment+Temperature+Canopy

Pr(¿F) Site 5.43e-07 *** Sediment 0.2004 Temperature 0.0919 . Canopy 0.6591

MIXING CATEGORICAL AND CONT. PREDICTORS. NEED OTHER TEST?

—

```
hist(import$Response)

## Error in hist(import$Response):  object 'import' not found
```

2 Bias and Data Limitations

Write some stuff about the summary here...