

# Untitled

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## R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
NH3_immature <- c(5, 5, 5)
NH3_mature <- c(5, 5, 5)
CO2_immature <- c(6.17, 5.37, 6.24)
CO2_mature <- c(7.84, 7.66, 7.78)
```

## t.test()

You can also embed plots, for example:

## Free Ammonia

Test fails because of lack of variance... maybe it will change on Wed night.

## Carbon Dioxide Respiration

```
##
## Welch Two Sample t-test
##
## data: CO2_immature and CO2_mature
## t = -6.4545, df = 2.1436, p-value = 0.01943
## alternative hypothesis: true difference in means is not equal to 0
## 95 percent confidence interval:
## -2.9802399 -0.6864268
## sample estimates:
## mean of x mean of y
## 5.926667 7.760000
```

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.