

STAT 402A: Statistical Design and Analysis of Experiments

Using SASnatch with mixed models and proc mixed

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Name: Ian Mouzon

email: imouzon@iastate.edu

we load the packages:

```
library(ggplot)

## Error: there is no package called 'ggplot'

library(xtable)
library(XML)
library(SASnatch)
```

There is an example of using plan a mixed model on Dr. Dixon's STAT 402A webpage:

[ttp://ww](http://www)

```
sal <- read.table("http://www.public.iastate.edu/~pdixon/stat402/data/salinity.txt")
head(sal)

##      V1      V2      V3      V4
## 1 trt container plant weight
## 2  0          1      1  11.29
## 3  0          1      2  11.08
## 4  0          1      3   11.1
## 5  0          2      1   7.37
## 6  0          2      2   6.55
```