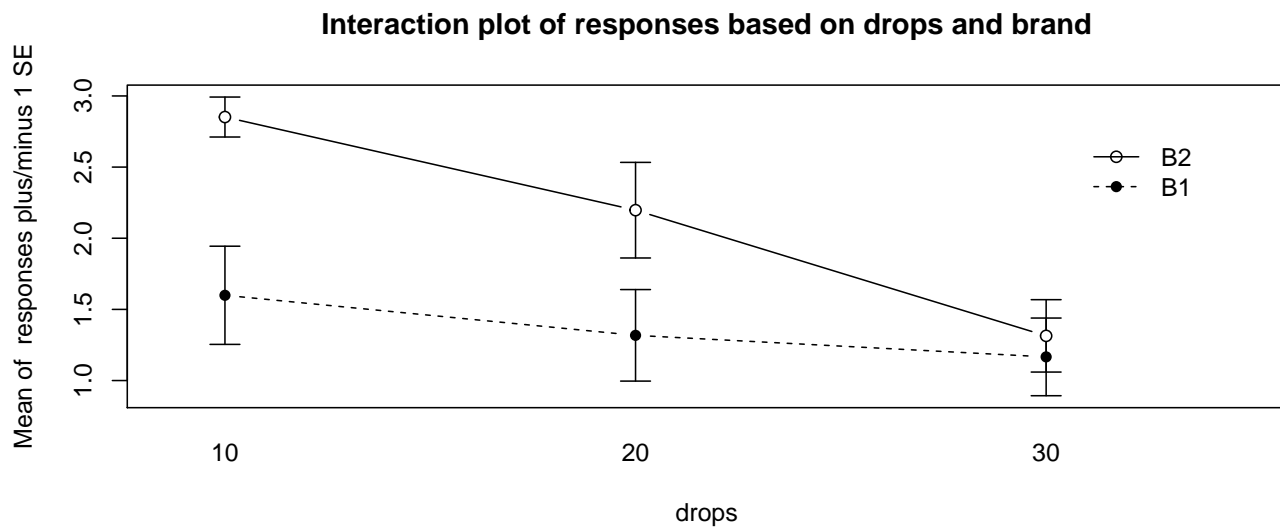


## STAT 217: Two-Way Anova, Interaction vs Additive Models 9-28

```
## Analysis of Variance Table
##
## Response: responses
##           Df Sum Sq Mean Sq F value Pr(>F)
## brand      1  4.33    4.33    10.52 0.0035
## drops      2  4.86    2.43     5.90 0.0083
## brand:drops 2  1.58    0.79     1.92 0.1687
## Residuals 24  9.88    0.41
```

```
source("~/Documents/Stat217Fall2015/exams/exam1/intplot.R")
intplot(responses~brand*drops,data=pt)
```



```
Anova(lm.add)
```

```
## Anova Table (Type II tests)
##
## Response: responses
##           Sum Sq Df F value Pr(>F)
## brand      4.33  1    9.83 0.0042
## drops      4.86  2    5.51 0.0101
## Residuals 11.46 26
```