anova

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```r
library(data.table)
library(alr4)
library(matlib)
library(knitr)
library(ppcor)
library(modelr)
library(ggfortify)
library(olsrr)
library(kableExtra)
library(EnvStats)
library(linmod)
library(asbio)
library(DescTools)
library(multcomp)
library(tidyverse)
```

```r
noise=fread("NOISESIZETYPESIDE.csv")
tf= function(x){
  factor(as.numeric(x))
}
```

```r
noise$SIZE=factor(noise$SIZE)
noise$TYPE=factor(noise$TYPE)
noise$SIDE=factor(noise$SIDE)
```

```r
noise1=noise%>%mutate(s1=tf(SIZE==1),s2=tf(SIZE==2),s1t1=tf(SIZE==1 & TYPE==1),s2t1=tf(SIZE==2 & TYPE==
```